## Glossary:

| | |
|---|---|
| TSL | tissue simulating liquid |
| NORMx,y,z | sensitivity in free space |
| ConvF | sensitivity in TSL / NORMx,y,z |
| DCP | diode compression point |
| CF | crest factor (1/duty_cycle) of the RF signal |
| A, B, C, D | modulation dependent linearization parameters |
| Polarization φ | φ rotation around probe axis |
| Polarization ϑ | ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., ϑ = 0 is normal to probe axis |
| Connector Angle | information used in DASY system to align probe sensor X to the robot coordinate system |

## Calibration is Performed According to the Following Standards:

a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- *NORMx,y,z:* Assessed for E-field polarization ϑ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the $E^2$-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z:* DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR:* PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. *VR* is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters:* Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- *Spherical isotropy (3D deviation from isotropy):* in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset:* The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle:* The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3931

## Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|---|---|---|---|---|
| Norm ($\mu V/(V/m)^2$)[A] | 0.50 | 0.55 | 0.49 | ± 10.1 % |
| DCP (mV)[B] | 98.5 | 100.9 | 102.1 | |

## Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | B dB√µV | C | D dB | VR mV | Max dev. | Max Unc[E] (k=2) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | CW | X | 0.00 | 0.00 | 1.00 | 0.00 | 158.1 | ± 3.5 % | ± 4.7 % |
| | | Y | 0.00 | 0.00 | 1.00 | | 147.6 | | |
| | | Z | 0.00 | 0.00 | 1.00 | | 137.9 | | |
| 10352-AAA | Pulse Waveform (200Hz, 10%) | X | 20.00 | 96.10 | 23.12 | 10.00 | 60.0 | ± 3.6 % | ± 9.6 % |
| | | Y | 20.00 | 96.65 | 24.10 | | 60.0 | | |
| | | Z | 20.00 | 96.91 | 23.51 | | 60.0 | | |
| 10353-AAA | Pulse Waveform (200Hz, 20%) | X | 20.00 | 105.96 | 26.95 | 6.99 | 80.0 | ± 2.6 % | ± 9.6 % |
| | | Y | 20.00 | 96.16 | 23.24 | | 80.0 | | |
| | | Z | 20.00 | 97.56 | 23.45 | | 80.0 | | |
| 10354-AAA | Pulse Waveform (200Hz, 40%) | X | 20.00 | 137.96 | 40.58 | 3.98 | 95.0 | ± 1.5 % | ± 9.6 % |
| | | Y | 20.00 | 100.09 | 23.74 | | 95.0 | | |
| | | Z | 20.00 | 103.73 | 25.22 | | 95.0 | | |
| 10355-AAA | Pulse Waveform (200Hz, 60%) | X | 5.17 | 160.00 | 56.75 | 2.22 | 120.0 | ± 1.4 % | ± 9.6 % |
| | | Y | 20.00 | 107.08 | 25.66 | | 120.0 | | |
| | | Z | 20.00 | 112.66 | 28.09 | | 120.0 | | |
| 10387-AAA | QPSK Waveform, 1 MHz | X | 2.82 | 77.76 | 20.56 | 1.00 | 150.0 | ± 2.5 % | ± 9.6 % |
| | | Y | 1.79 | 66.64 | 15.58 | | 150.0 | | |
| | | Z | 1.73 | 66.50 | 15.34 | | 150.0 | | |
| 10388-AAA | QPSK Waveform, 10 MHz | X | 2.86 | 73.69 | 19.27 | 0.00 | 150.0 | ± 1.7 % | ± 9.6 % |
| | | Y | 2.41 | 69.10 | 16.34 | | 150.0 | | |
| | | Z | 2.28 | 68.31 | 16.00 | | 150.0 | | |
| 10396-AAA | 64-QAM Waveform, 100 kHz | X | 2.27 | 68.74 | 19.38 | 3.01 | 150.0 | ± 1.8 % | ± 9.6 % |
| | | Y | 3.55 | 73.70 | 20.45 | | 150.0 | | |
| | | Z | 3.37 | 73.52 | 20.41 | | 150.0 | | |
| 10399-AAA | 64-QAM Waveform, 40 MHz | X | 3.73 | 68.91 | 17.17 | 0.00 | 150.0 | ± 1.8 % | ± 9.6 % |
| | | Y | 3.64 | 67.67 | 16.10 | | 150.0 | | |
| | | Z | 3.55 | 67.29 | 15.90 | | 150.0 | | |
| 10414-AAA | WLAN CCDF, 64 QAM, 40MHz | X | 4.85 | 66.45 | 16.31 | 0.00 | 150.0 | ± 2.1 % | ± 9.6 % |
| | | Y | 4.83 | 65.35 | 15.42 | | 150.0 | | |
| | | Z | 4.90 | 65.78 | 15.61 | | 150.0 | | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of Norm X,Y,Z do not affect the $E^2$-field uncertainty inside TSL (see Page 5).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3931

## Sensor Model Parameters

| | C1 fF | C2 fF | α $V^{-1}$ | T1 $ms.V^{-2}$ | T2 $ms.V^{-1}$ | T3 ms | T4 $V^{-2}$ | T5 $V^{-1}$ | T6 |
|---|---|---|---|---|---|---|---|---|---|
| X | 33.3 | 249.23 | 36.01 | 10.04 | 0.00 | 5.10 | 0.00 | 0.19 | 1.01 |
| Y | 51.8 | 383.36 | 35.03 | 20.83 | 0.55 | 5.10 | 1.41 | 0.27 | 1.01 |
| Z | 45.4 | 332.99 | 34.54 | 19.89 | 0.08 | 5.10 | 1.99 | 0.09 | 1.01 |

## Other Probe Parameters

| | |
|---|---|
| Sensor Arrangement | Triangular |
| Connector Angle (°) | -43.4 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disabled |
| Probe Overall Length | 337 mm |
| Probe Body Diameter | 10 mm |
| Tip Length | 9 mm |
| Tip Diameter | 2.5 mm |
| Probe Tip to Sensor X Calibration Point | 1 mm |
| Probe Tip to Sensor Y Calibration Point | 1 mm |
| Probe Tip to Sensor Z Calibration Point | 1 mm |
| Recommended Measurement Distance from Surface | 1.4 mm |

Note: Measurement distance from surface can be increased to 3-4 mm for an *Area Scan* job.

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3931

## Calibration Parameter Determined in Head Tissue Simulating Media

| f (MHz) [C] | Relative Permittivity [F] | Conductivity (S/m) [F] | ConvF X | ConvF Y | ConvF Z | Alpha [G] | Depth [G] (mm) | Unc (k=2) |
|---|---|---|---|---|---|---|---|---|
| 6 | 55.0 | 0.75 | 20.84 | 20.84 | 20.84 | 0.00 | 1.00 | ± 13.3 % |
| 13 | 55.0 | 0.75 | 18.36 | 18.36 | 18.36 | 0.00 | 1.00 | ± 13.3 % |
| 750 | 41.9 | 0.89 | 10.36 | 10.36 | 10.36 | 0.38 | 0.96 | ± 12.0 % |
| 835 | 41.5 | 0.90 | 9.80 | 9.80 | 9.80 | 0.36 | 1.01 | ± 12.0 % |
| 900 | 41.5 | 0.97 | 9.56 | 9.56 | 9.56 | 0.45 | 0.88 | ± 12.0 % |
| 1450 | 40.5 | 1.20 | 8.87 | 8.87 | 8.87 | 0.39 | 0.80 | ± 12.0 % |
| 1750 | 40.1 | 1.37 | 8.60 | 8.60 | 8.60 | 0.38 | 0.86 | ± 12.0 % |
| 1900 | 40.0 | 1.40 | 8.25 | 8.25 | 8.25 | 0.34 | 0.86 | ± 12.0 % |
| 2000 | 40.0 | 1.40 | 8.11 | 8.11 | 8.11 | 0.34 | 0.86 | ± 12.0 % |
| 2300 | 39.5 | 1.67 | 7.77 | 7.77 | 7.77 | 0.33 | 0.90 | ± 12.0 % |
| 2450 | 39.2 | 1.80 | 7.52 | 7.52 | 7.52 | 0.40 | 0.90 | ± 12.0 % |
| 2600 | 39.0 | 1.96 | 7.30 | 7.30 | 7.30 | 0.40 | 0.90 | ± 12.0 % |
| 3300 | 38.2 | 2.71 | 7.28 | 7.28 | 7.28 | 0.30 | 1.35 | ± 14.0 % |
| 3500 | 37.9 | 2.91 | 7.14 | 7.14 | 7.14 | 0.30 | 1.35 | ± 14.0 % |
| 3700 | 37.7 | 3.12 | 7.03 | 7.03 | 7.03 | 0.30 | 1.35 | ± 14.0 % |
| 3900 | 37.5 | 3.32 | 6.55 | 6.55 | 6.55 | 0.35 | 1.60 | ± 14.0 % |
| 4100 | 37.2 | 3.53 | 6.39 | 6.39 | 6.39 | 0.40 | 1.60 | ± 14.0 % |
| 4400 | 36.9 | 3.84 | 6.10 | 6.10 | 6.10 | 0.40 | 1.60 | ± 14.0 % |
| 4600 | 36.7 | 4.04 | 6.05 | 6.05 | 6.05 | 0.40 | 1.70 | ± 14.0 % |
| 4800 | 36.4 | 4.25 | 5.93 | 5.93 | 5.93 | 0.40 | 1.70 | ± 14.0 % |
| 4950 | 36.3 | 4.40 | 5.70 | 5.70 | 5.70 | 0.40 | 1.80 | ± 14.0 % |
| 5250 | 35.9 | 4.71 | 5.10 | 5.10 | 5.10 | 0.40 | 1.80 | ± 14.0 % |
| 5600 | 35.5 | 5.07 | 4.39 | 4.39 | 4.39 | 0.40 | 1.80 | ± 14.0 % |
| 5750 | 35.4 | 5.22 | 4.73 | 4.73 | 4.73 | 0.40 | 1.80 | ± 14.0 % |

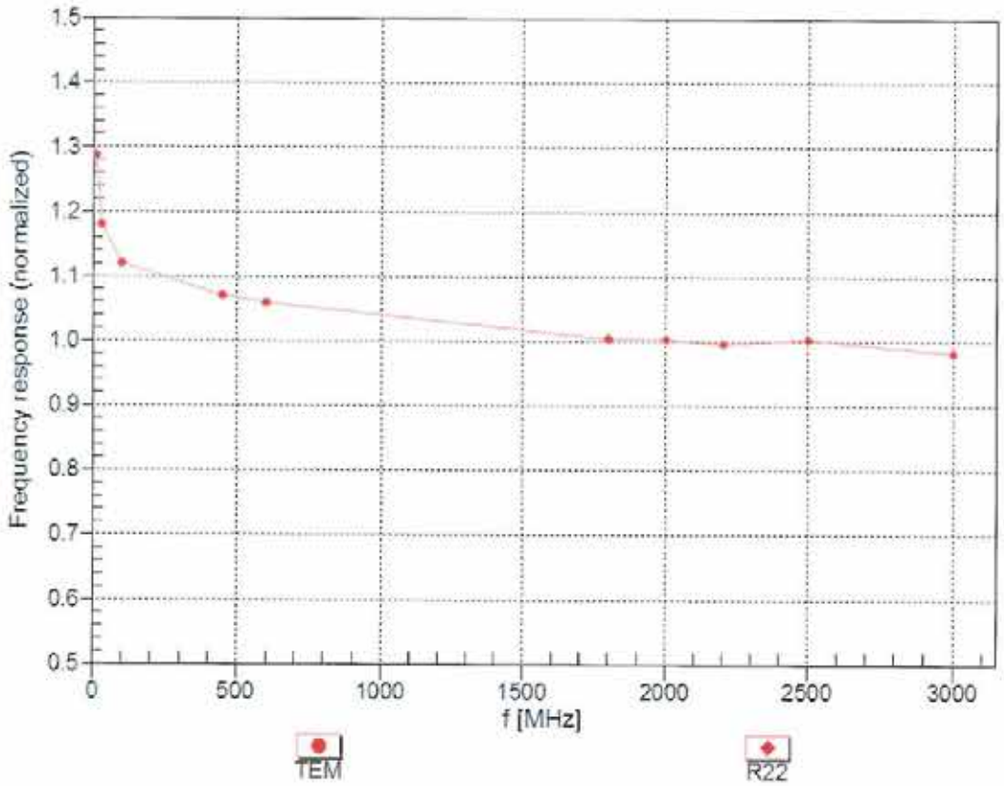
[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequencies up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

# Frequency Response of E-Field

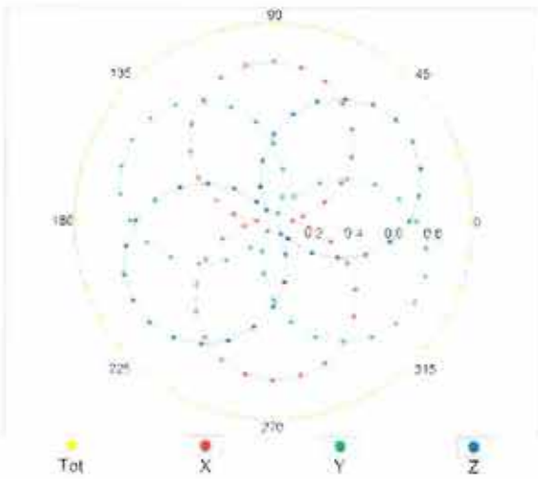
**(TEM-Cell:ifi110 EXX, Waveguide: R22)**



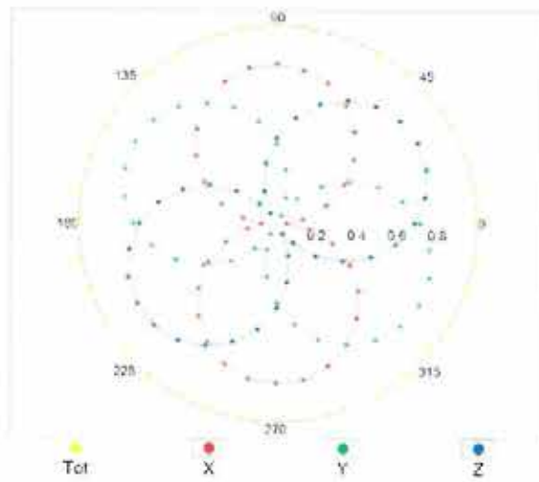

**Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)**

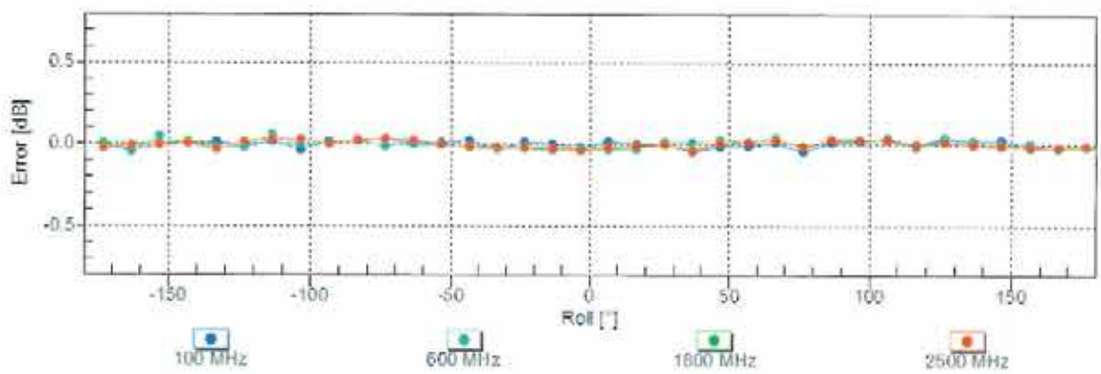
# Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



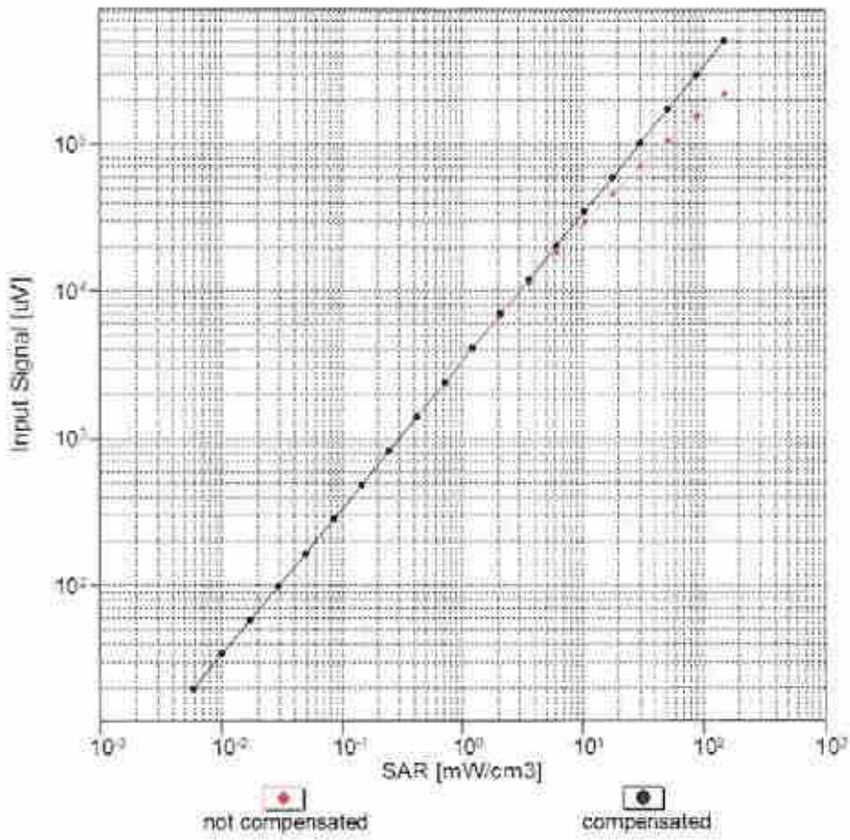

f=1800 MHz,R22

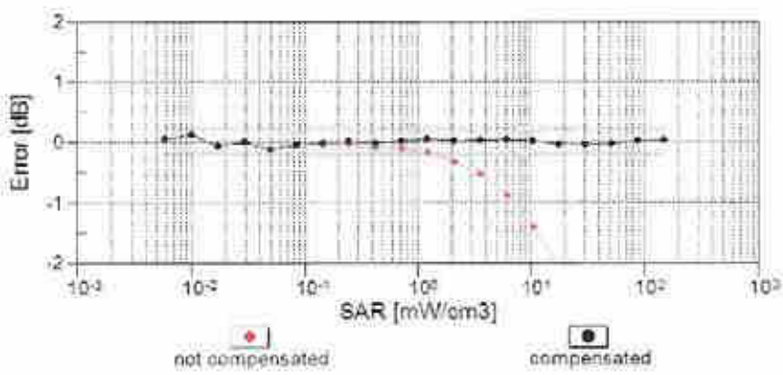



**Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)**

# Dynamic Range f($SAR_{head}$)
**(TEM cell , $f_{eval}$= 1900 MHz)**

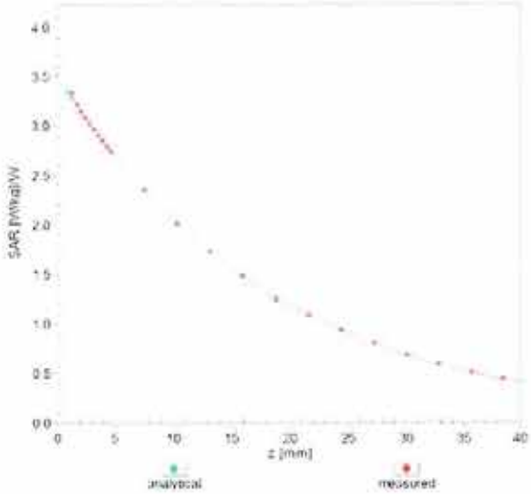


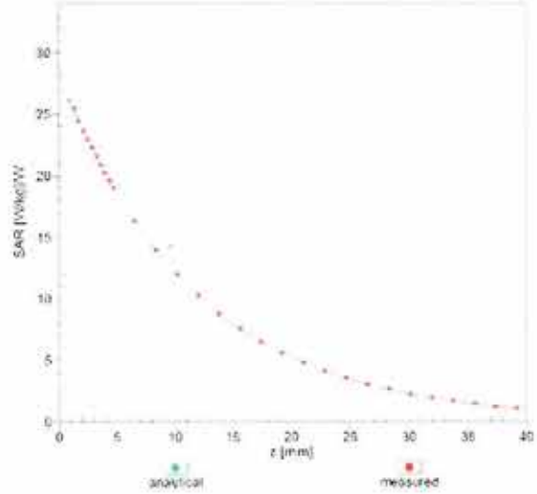

**Uncertainty of Linearity Assessment: ± 0.6% (k=2)**

# Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

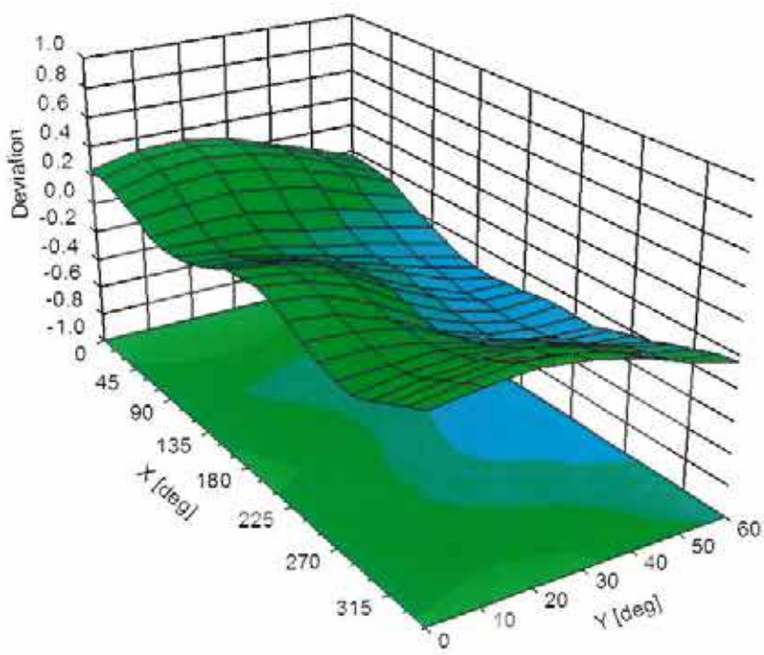


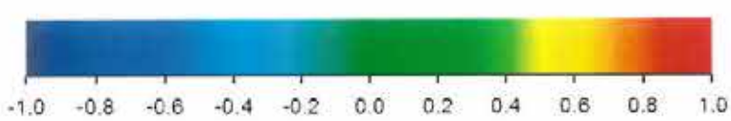

f = 1900 MHz,WGLS R22 (H_convF)




# Deviation from Isotropy in Liquid

**Error (ϕ, ϑ), f = 900 MHz**




**Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)**

## Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR (dB) | Unc[E] (k=2) |
|---|---|---|---|---|---|
| 0 | - | CW | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ± 9.6 % |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 7.78 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ± 9.6 % |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ± 9.6 % |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ± 9.6 % |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ± 9.6 % |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11.01 | ± 9.6 % |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 % |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | WLAN | 2.12 | ± 9.6 % |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10064 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10067 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10068 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ± 9.6 % |
| 10069 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 6 Mbps) | WLAN | 9.03 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAB | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | CAB | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |

| | | | | | |
|---|---|---|---|---|---|
| 10100 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10101 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10102 | CAE | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAG | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10108 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 % |
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.59 | ± 9.6 % |
| 10113 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10114 | CAD | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10115 | CAD | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10116 | CAD | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN | 8.15 | ± 9.6 % |
| 10117 | CAD | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 % |
| 10118 | CAD | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10119 | CAD | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10140 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10141 | CAE | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 % |
| 10142 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAE | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ± 9.6 % |
| 10145 | CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ± 9.6 % |
| 10146 | CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAE | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10151 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ± 9.6 % |
| 10152 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10153 | CAG | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10155 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10156 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ± 9.6 % |
| 10157 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10158 | CAG | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 % |
| 10160 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ± 9.6 % |
| 10161 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10162 | CAE | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ± 9.6 % |
| 10167 | CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ± 9.6 % |
| 10168 | CAE | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10170 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | AAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10173 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10174 | CAG | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10177 | CAI | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10178 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10179 | CAG | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10181 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |

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| 10182 | CAE | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10183 | AAD | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10185 | CAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | AAE | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10187 | CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10189 | AAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAD | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ± 9.6 % |
| 10194 | CAD | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ± 9.6 % |
| 10195 | CAD | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAD | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | CAD | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | CAD | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAD | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |
| 10220 | CAD | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10221 | CAD | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10222 | CAD | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.06 | ± 9.6 % |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10225 | CAB | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9.6 % |
| 10226 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 % |
| 10227 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10233 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10238 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ± 9.6 % |
| 10243 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.46 | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10246 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.87 | ± 9.6 % |
| 10251 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % |
| 10258 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |

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| 10261 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10269 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.07 | ± 9.6 % |
| 10275 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAA | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 | CAA | PHS (QPSK, BW 884MHz, Rolloff 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | AAB | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | AAB | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | AAB | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | AAB | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| 10295 | AAB | CDMA2000, RC1, SO3, 1/8th Rate 26 fr. | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | AAD | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10299 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |
| 10300 | AAD | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | AAA | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | AAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | AAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14.49 | ± 9.6 % |
| 10308 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3 | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.06 | ± 9.6 % |
| 10313 | AAA | iDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAA | iDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 98pc dc) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAB | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 98pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAD | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 98pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAE | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAE | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAE | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAB | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAG | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |

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| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAC | IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) | WLAN | 8.14 | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN | 8.19 | ± 9.6 % |
| 10422 | AAC | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAC | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAC | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10425 | AAC | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | AAC | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |
| 10427 | AAC | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAA | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10435 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10447 | AAD | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10448 | AAD | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| 10450 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
| 10453 | AAD | Validation (Square, 10ms, 1ms) | Test | 10.00 | ± 9.6 % |
| 10456 | AAC | IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAA | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAA | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAA | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAA | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAB | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAF | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAF | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAE | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAC | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAF | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.70 | ± 9.6 % |

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|---|---|---|---|---|---|
| 10489 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10492 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAE | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAC | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.52 | ± 9.6 % |
| 10503 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAF | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAE | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.61 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 % |
| 10528 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| 10534 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10535 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 % |

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| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10566 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 % |

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| 10605 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc) | WLAN | 8.97 | ± 9.6 % |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10607 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10610 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 % |
| 10623 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10631 | AAC | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10632 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10637 | AAD | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAD | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10639 | AAD | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10640 | AAD | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) | WLAN | 8.98 | ± 9.6 % |
| 10641 | AAD | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10642 | AAD | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAD | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10644 | AAD | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAD | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAG | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | AAA | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ± 9.6 % |
| 10652 | AAE | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10653 | AAE | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10654 | AAD | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| 10655 | AAF | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 % |
| 10658 | AAA | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ± 9.6 % |
| 10659 | AAA | Pulse Waveform (200Hz, 20%) | Test | 8.99 | ± 9.6 % |
| 10660 | AAA | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 % |
| 10661 | AAA | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAA | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 % |
| 10670 | AAA | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 % |
| 10671 | AAC | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 % |
| 10672 | AAC | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ± 9.6 % |

| | | | | | |
|---|---|---|---|---|---|
| 10673 | AAC | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10674 | AAC | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAC | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAC | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAC | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAC | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAC | IEEE 802.11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAC | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAC | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAC | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.03 | ± 9.6 % |
| 10683 | AAC | IEEE 802.11ax (20MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAC | IEEE 802.11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAC | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAC | IEEE 802.11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10690 | AAC | IEEE 802.11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAC | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAC | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAC | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAC | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAC | IEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10696 | AAC | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAC | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAC | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAC | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAC | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAC | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAC | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAC | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAC | IEEE 802.11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAC | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802.11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAC | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10718 | AAC | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10720 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc) | WLAN | 8.65 | ± 9.6 % |

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|---|---|---|---|---|---|
| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10738 | AAC | IEEE 802.11ax (80MHz, MCS7, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10740 | AAC | IEEE 802.11ax (80MHz, MCS9, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10742 | AAC | IEEE 802.11ax (80MHz, MCS11, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAC | IEEE 802.11ax (160MHz, MCS0, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAC | IEEE 802.11ax (160MHz, MCS1, 90pc dc) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAC | IEEE 802.11ax (160MHz, MCS3, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAC | IEEE 802.11ax (160MHz, MCS4, 90pc dc) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAC | IEEE 802.11ax (160MHz, MCS5, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAC | IEEE 802.11ax (160MHz, MCS6, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAC | IEEE 802.11ax (160MHz, MCS7, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10752 | AAC | IEEE 802.11ax (160MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10753 | AAC | IEEE 802.11ax (160MHz, MCS10, 90pc dc) | WLAN | 9.00 | ± 9.6 % |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10756 | AAC | IEEE 802.11ax (160MHz, MCS1, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAC | IEEE 802.11ax (160MHz, MCS2, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10758 | AAC | IEEE 802.11ax (160MHz, MCS3, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10759 | AAC | IEEE 802.11ax (160MHz, MCS4, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10761 | AAC | IEEE 802.11ax (160MHz, MCS6, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAC | IEEE 802.11ax (160MHz, MCS7, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10766 | AAC | IEEE 802.11ax (160MHz, MCS11, 99pc dc) | WLAN | 8.51 | ± 9.6 % |
| 10767 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAD | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10777 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10778 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10779 | AAD | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10780 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAD | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10783 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10784 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ± 9.6 % |

| | | | | | |
|---|---|---|---|---|---|
| 10785 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAE | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.69 | ± 9.6 % |
| 10802 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10805 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10809 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10817 | AAE | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ± 9.6 % |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10821 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10823 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10824 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10826 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10828 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.63 | ± 9.6 % |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | ± 9.6 % |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.74 | ± 9.6 % |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.75 | ± 9.6 % |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10836 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ± 9.6 % |
| 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.68 | ± 9.6 % |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ± 9.6 % |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.67 | ± 9.6 % |
| 10841 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.71 | ± 9.6 % |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ± 9.6 % |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10854 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10858 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ± 9.6 % |
| 10859 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10860 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |

| | | | | | |
|---|---|---|---|---|---|
| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10864 | AAD | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10866 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10868 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.89 | ± 9.6 % |
| 10869 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ± 9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ± 9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.39 | ± 9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ± 9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ± 9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ± 9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ± 9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ± 9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ± 9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ± 9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ± 9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ± 9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ± 9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ± 9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ± 9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ± 9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ± 9.6 % |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ± 9.6 % |
| 10897 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.66 | ± 9.6 % |
| 10898 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10899 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.82 | ± 9.6 % |

| | | | | | |
|---|---|---|---|---|---|
| 10923 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 35 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10924 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10925 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10926 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10927 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10928 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10929 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10930 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10931 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10932 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10933 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10934 | AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10935 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.77 | ± 9.6 % |
| 10938 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10939 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.82 | ± 9.6 % |
| 10940 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.89 | ± 9.6 % |
| 10941 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10942 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10943 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.95 | ± 9.6 % |
| 10944 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10945 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.86 | ± 9.6 % |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10947 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10948 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10949 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.92 | ± 9.6 % |
| 10952 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.25 | ± 9.6 % |
| 10953 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.15 | ± 9.6 % |
| 10954 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.23 | ± 9.6 % |
| 10955 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.42 | ± 9.6 % |
| 10956 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | ± 9.6 % |
| 10957 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.31 | ± 9.6 % |
| 10958 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ± 9.6 % |
| 10959 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.33 | ± 9.6 % |
| 10960 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ± 9.6 % |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ± 9.6 % |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 9.6 % |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 % |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49 | ± 9.6 % |
| 10972 | AAB | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 11.59 | ± 9.6 % |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ± 9.6 % |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) | 5G NR FR1 TDD | 10.28 | ± 9.6 % |
| 10978 | AAA | ULLA BDR | ULLA | 2.23 | ± 9.6 % |
| 10979 | AAA | ULLA HDR4 | ULLA | 7.02 | ± 9.6 % |
| 10980 | AAA | ULLA HDR8 | ULLA | 8.82 | ± 9.6 % |
| 10981 | AAA | ULLA HDRp4 | ULLA | 1.50 | ± 9.6 % |
| 10982 | AAA | ULLA HDRp8 | ULLA | 1.44 | ± 9.6 % |

[1] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

# Appendix E. Conducted RF Output Power Table

The detailed power tables are shown as follows.

## Full Power level/Default Power level/ Pmax Power Level for WWAN

GSM850 Ant0 Ant 0 Default

| 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 | 33.21 | 33.38 | 33.45 | 34.50 | 24.21 | 24.38 | 24.45 | 25.50 |
| GPRS 1 Tx slot | 33.16 | 33.25 | 33.40 | 34.50 | 24.16 | 24.25 | 24.40 | 25.50 |
| GPRS 2 Tx slots | 29.55 | 29.66 | 29.71 | 31.50 | 23.55 | 23.66 | 23.71 | 25.50 |
| GPRS 3 Tx slots | 27.79 | 27.84 | 27.92 | 29.70 | 23.53 | 23.58 | 23.66 | 25.44 |
| GPRS 4 Tx slots | 26.55 | 26.66 | 26.60 | 28.50 | 23.55 | 23.66 | 23.60 | 25.50 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant0 Ant 0 Default

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.51 | 24.58 | 24.44 | 25.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.64 | 24.57 | 25.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.17 | 21.33 | 21.24 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.23 | 21.33 | 21.30 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.78 | 22.81 | 22.79 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.66 | 22.87 | 22.75 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.15 | 21.46 | 21.26 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.21 | 21.37 | 21.35 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.70 | 22.87 | 22.82 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.73 | 22.85 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.25 | 21.33 | 21.20 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.16 | 19.37 | 19.26 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.20 | 20.40 | 20.33 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.20 | 19.31 | 19.28 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.23 | 21.33 | 21.36 | 22.50 |

## Band 5 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.57 | 24.53 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.45 | 24.52 | 24.46 | | |
| 10 | QPSK | 1 | 49 | 24.48 | 24.55 | 24.43 | | |
| 10 | QPSK | 25 | 0 | 23.58 | 23.66 | 23.61 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.52 | 23.63 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.47 | 23.59 | 23.47 | | |
| 10 | QPSK | 50 | 0 | 23.57 | 23.66 | 23.63 | | |
| 10 | 16QAM | 1 | 0 | 23.53 | 23.59 | 23.44 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.52 | 23.37 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.51 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.62 | 22.69 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.54 | 22.61 | 22.53 | | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.59 | 22.44 | | |
| 10 | 16QAM | 50 | 0 | 22.49 | 22.62 | 22.53 | | |
| 10 | 64QAM | 1 | 0 | 22.52 | 22.64 | 22.58 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.58 | 22.52 | | |
| 10 | 64QAM | 1 | 49 | 22.41 | 22.50 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.70 | 21.62 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.51 | 21.60 | 21.52 | | |
| 10 | 64QAM | 25 | 25 | 21.50 | 21.55 | 21.47 | | |
| 10 | 64QAM | 50 | 0 | 21.47 | 21.61 | 21.47 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.46 | 24.46 | 24.44 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.32 | 24.44 | 24.32 | | |
| 5 | QPSK | 1 | 24 | 24.39 | 24.49 | 24.34 | | |
| 5 | QPSK | 12 | 0 | 23.53 | 23.56 | 23.49 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.56 | 23.48 | | |
| 5 | QPSK | 12 | 13 | 23.39 | 23.56 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.49 | 23.57 | 23.59 | | |
| 5 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.40 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.38 | 23.42 | 23.26 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.43 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.51 | 22.63 | 22.51 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.44 | 22.52 | 22.42 | | |
| 5 | 16QAM | 12 | 13 | 22.45 | 22.48 | 22.36 | | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.58 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.40 | 22.55 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.37 | 22.51 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.26 | 22.38 | 22.38 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.59 | 21.47 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.56 | 21.48 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.43 | 21.44 | | |
| 5 | 64QAM | 25 | 0 | 21.35 | 21.50 | 21.37 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.47 | 24.48 | 24.50 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.35 | 24.43 | 24.37 | | |
| 3 | QPSK | 1 | 14 | 24.36 | 24.40 | 24.35 | | |
| 3 | QPSK | 8 | 0 | 23.48 | 23.59 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.47 | 23.49 | 23.46 | | |
| 3 | QPSK | 8 | 7 | 23.35 | 23.47 | 23.37 | | |
| 3 | QPSK | 15 | 0 | 23.45 | 23.51 | 23.52 | | |
| 3 | 16QAM | 1 | 0 | 23.39 | 23.53 | 23.38 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.38 | 23.40 | 23.31 | | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.37 | 23.35 | | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.66 | 22.51 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.40 | 22.58 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.44 | 22.53 | 22.39 | | |
| 3 | 16QAM | 15 | 0 | 22.34 | 22.51 | 22.42 | | |
| 3 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.54 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.38 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 14 | 22.36 | 22.36 | 22.30 | | |
| 3 | 64QAM | 8 | 0 | 21.49 | 21.56 | 21.50 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.37 | 21.51 | 21.46 | | |
| 3 | 64QAM | 8 | 7 | 21.44 | 21.51 | 21.33 | | |
| 3 | 64QAM | 15 | 0 | 21.40 | 21.51 | 21.40 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.52 | 24.47 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.31 | 24.49 | 24.35 | | |
| 1.4 | QPSK | 1 | 5 | 24.34 | 24.43 | 24.34 | | |
| 1.4 | QPSK | 3 | 0 | 24.47 | 24.48 | 24.53 | | |
| 1.4 | QPSK | 3 | 1 | 24.43 | 24.49 | 24.39 | | |
| 1.4 | QPSK | 3 | 3 | 24.29 | 24.51 | 24.35 | | |
| 1.4 | QPSK | 6 | 0 | 23.49 | 23.57 | 23.51 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.37 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.36 | 23.46 | 23.25 | | |
| 1.4 | 16QAM | 1 | 5 | 23.27 | 23.39 | 23.26 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.59 | 23.45 | | |
| 1.4 | 16QAM | 3 | 1 | 23.47 | 23.51 | 23.44 | | |
| 1.4 | 16QAM | 3 | 3 | 23.35 | 23.47 | 23.33 | | |
| 1.4 | 16QAM | 6 | 0 | 22.42 | 22.51 | 22.40 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.38 | 22.60 | 22.48 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.43 | 22.48 | 22.42 | | |
| 1.4 | 64QAM | 1 | 5 | 22.33 | 22.36 | 22.28 | | |
| 1.4 | 64QAM | 3 | 0 | 22.48 | 22.51 | 22.46 | | |
| 1.4 | 64QAM | 3 | 1 | 22.36 | 22.46 | 22.34 | | |
| 1.4 | 64QAM | 3 | 3 | 22.34 | 22.47 | 22.35 | | |
| 1.4 | 64QAM | 6 | 0 | 21.40 | 21.57 | 21.33 | 22.5 | 3 |

## Band 12 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.76 | 24.68 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.51 | 24.65 | 24.54 | | |
| 10 | QPSK | 1 | 49 | 24.47 | 24.51 | 24.40 | | |
| 10 | QPSK | 25 | 0 | 23.65 | 23.69 | 23.63 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.59 | 23.64 | 23.55 | | |
| 10 | QPSK | 25 | 25 | 23.62 | 23.66 | 23.58 | | |
| 10 | QPSK | 50 | 0 | 23.53 | 23.57 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.72 | 23.82 | 23.76 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.66 | 23.72 | 23.65 | | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.54 | 23.46 | | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.73 | 22.60 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.65 | 22.61 | | |
| 10 | 16QAM | 25 | 25 | 22.66 | 22.69 | 22.64 | | |
| 10 | 16QAM | 50 | 0 | 22.51 | 22.58 | 22.46 | | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.78 | 22.69 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.60 | 22.72 | 22.57 | | |
| 10 | 64QAM | 1 | 49 | 22.42 | 22.54 | 22.45 | | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.77 | 21.64 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.60 | | |
| 10 | 64QAM | 25 | 25 | 21.69 | 21.73 | 21.64 | | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.63 | 21.55 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.44 | 24.65 | 24.60 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.42 | 24.51 | 24.46 | | |
| 5 | QPSK | 1 | 24 | 24.44 | 24.41 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.51 | 23.57 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.53 | 23.58 | 23.41 | | |
| 5 | QPSK | 12 | 13 | 23.51 | 23.59 | 23.49 | | |
| 5 | QPSK | 25 | 0 | 23.48 | 23.47 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.62 | 23.77 | 23.63 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.54 | 23.59 | 23.59 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.47 | 23.40 | | |
| 5 | 16QAM | 12 | 0 | 22.56 | 22.63 | 22.52 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.49 | 22.54 | 22.55 | | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.56 | 22.55 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.31 | | |
| 5 | 64QAM | 1 | 0 | 22.63 | 22.70 | 22.63 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.63 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.43 | 22.39 | | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.67 | 21.50 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.62 | 21.55 | | |
| 5 | 64QAM | 25 | 0 | 21.44 | 21.53 | 21.42 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.44 | 24.66 | 24.57 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.44 | 24.61 | 24.48 | | |
| 3 | QPSK | 1 | 14 | 24.38 | 24.36 | 24.25 | | |
| 3 | QPSK | 8 | 0 | 23.56 | 23.57 | 23.51 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.49 | 23.51 | 23.51 | | |
| 3 | QPSK | 8 | 7 | 23.58 | 23.62 | 23.46 | | |
| 3 | QPSK | 15 | 0 | 23.50 | 23.45 | 23.34 | | |
| 3 | 16QAM | 1 | 0 | 23.64 | 23.72 | 23.66 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.57 | 23.67 | 23.57 | | |
| 3 | 16QAM | 1 | 14 | 23.44 | 23.46 | 23.32 | | |
| 3 | 16QAM | 8 | 0 | 22.57 | 22.70 | 22.55 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.55 | 22.54 | 22.48 | | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.54 | 22.54 | | |
| 3 | 16QAM | 15 | 0 | 22.45 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.65 | 22.64 | 22.55 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.48 | 22.61 | 22.53 | | |
| 3 | 64QAM | 1 | 14 | 22.32 | 22.48 | 22.37 | | |
| 3 | 64QAM | 8 | 0 | 21.62 | 21.67 | 21.60 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.63 | 21.53 | | |
| 3 | 64QAM | 15 | 0 | 21.43 | 21.50 | 21.52 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.64 | 24.54 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.41 | 24.51 | 24.46 | | |
| 1.4 | QPSK | 1 | 5 | 24.38 | 24.36 | 24.31 | | |
| 1.4 | QPSK | 3 | 0 | 24.48 | 24.46 | 24.37 | | |
| 1.4 | QPSK | 3 | 1 | 24.44 | 24.52 | 24.48 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.40 | 24.32 | | |
| 1.4 | QPSK | 6 | 0 | 23.39 | 23.44 | 23.36 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.68 | 23.68 | 23.68 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.59 | 23.64 | 23.59 | | |
| 1.4 | 16QAM | 1 | 5 | 23.36 | 23.48 | 23.40 | | |
| 1.4 | 16QAM | 3 | 0 | 23.48 | 23.48 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.59 | 23.54 | 23.52 | | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.45 | 23.31 | | |
| 1.4 | 16QAM | 6 | 0 | 22.44 | 22.49 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.65 | 22.70 | 22.58 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.53 | 22.67 | 22.50 | | |
| 1.4 | 64QAM | 1 | 5 | 22.36 | 22.47 | 22.39 | | |
| 1.4 | 64QAM | 3 | 0 | 22.41 | 22.50 | 22.47 | | |
| 1.4 | 64QAM | 3 | 1 | 22.54 | 22.54 | 22.47 | | |
| 1.4 | 64QAM | 3 | 3 | 22.35 | 22.51 | 22.40 | | |
| 1.4 | 64QAM | 6 | 0 | 21.39 | 21.55 | 21.44 | 22.5 | 3 |

## Band 13 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.36 | | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | | 23.32 | | | |
| 10 | QPSK | 1 | 49 | | 23.23 | | | |
| 10 | QPSK | 25 | 0 | | 22.36 | | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | | 22.34 | | | |
| 10 | QPSK | 25 | 25 | | 22.29 | | | |
| 10 | QPSK | 50 | 0 | | 22.37 | | | |
| 10 | 16QAM | 1 | 0 | | 22.41 | | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.36 | | | |
| 10 | 16QAM | 1 | 49 | | 22.28 | | | |
| 10 | 16QAM | 25 | 0 | | 21.37 | | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.38 | | | |
| 10 | 16QAM | 25 | 25 | | 21.36 | | | |
| 10 | 16QAM | 50 | 0 | | 21.40 | | | |
| 10 | 64QAM | 1 | 0 | | 21.40 | | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | | |
| 10 | 64QAM | 1 | 49 | | 21.30 | | | |
| 10 | 64QAM | 25 | 0 | | 20.41 | | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.36 | | | |
| 10 | 64QAM | 25 | 25 | | 20.41 | | | |
| 10 | 64QAM | 50 | 0 | | 20.42 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 23.23 | 23.29 | 23.25 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.15 | 23.18 | 23.21 | | |
| 5 | QPSK | 1 | 24 | 23.05 | 23.18 | 23.03 | | |
| 5 | QPSK | 12 | 0 | 22.21 | 22.23 | 22.16 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.19 | 22.20 | 22.25 | | |
| 5 | QPSK | 12 | 13 | 22.12 | 22.19 | 22.09 | | |
| 5 | QPSK | 25 | 0 | 22.15 | 22.23 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.36 | 22.14 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.17 | 22.23 | 22.17 | | |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.19 | 22.15 | | |
| 5 | 16QAM | 12 | 0 | 21.28 | 21.32 | 21.16 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.19 | 21.26 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.16 | 21.30 | 21.26 | | |
| 5 | 16QAM | 25 | 0 | 21.16 | 21.32 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 21.24 | 21.30 | 21.27 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.24 | 21.27 | 21.17 | | |
| 5 | 64QAM | 1 | 24 | 21.23 | 21.24 | 21.11 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.31 | 20.20 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.20 | 20.29 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.38 | 20.27 | | |
| 5 | 64QAM | 25 | 0 | 20.21 | 20.28 | 20.23 | | |

## Band 17 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.61 | 24.73 | 24.66 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.43 | 24.58 | 24.49 | | |
| 10 | QPSK | 1 | 49 | 24.39 | 24.50 | 24.47 | | |
| 10 | QPSK | 25 | 0 | 23.61 | 23.66 | 23.59 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.58 | 23.64 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.50 | 23.61 | 23.50 | | |
| 10 | QPSK | 50 | 0 | 23.48 | 23.60 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.66 | 23.74 | 23.69 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.53 | 23.41 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.46 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.63 | 22.70 | 22.61 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.53 | 22.62 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.48 | 22.59 | 22.53 | | |
| 10 | 16QAM | 50 | 0 | 22.54 | 22.59 | 22.48 | | |
| 10 | 64QAM | 1 | 0 | 22.61 | 22.75 | 22.65 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.59 | 22.55 | | |
| 10 | 64QAM | 1 | 49 | 22.38 | 22.44 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.69 | 21.61 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.57 | | |
| 10 | 64QAM | 25 | 25 | 21.54 | 21.65 | 21.57 | | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.63 | 21.51 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.69 | 24.52 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.33 | 24.50 | 24.41 | | |
| 5 | QPSK | 1 | 24 | 24.25 | 24.44 | 24.44 | | |
| 5 | QPSK | 12 | 0 | 23.46 | 23.60 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.49 | 23.53 | 23.38 | | |
| 5 | QPSK | 12 | 13 | 23.36 | 23.52 | 23.42 | | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.51 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.59 | 23.67 | 23.61 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.49 | 23.36 | | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.34 | 23.26 | | |
| 5 | 16QAM | 12 | 0 | 22.49 | 22.58 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.41 | 22.56 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.41 | 22.53 | 22.41 | | |
| 5 | 16QAM | 25 | 0 | 22.42 | 22.56 | 22.34 | | |
| 5 | 64QAM | 1 | 0 | 22.52 | 22.65 | 22.56 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.46 | 22.46 | 22.51 | | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.41 | 22.28 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.60 | 21.54 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.50 | 21.50 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.59 | 21.51 | | |
| 5 | 64QAM | 25 | 0 | 21.45 | 21.55 | 21.38 | | |

## Band 26 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.48 | 24.61 | 24.42 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.39 | 24.49 | 24.38 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.39 | 24.35 | | |
| 15 | QPSK | 36 | 0 | 23.55 | 23.67 | 23.61 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.51 | 23.62 | 23.54 | | |
| 15 | QPSK | 36 | 39 | 23.50 | 23.55 | 23.43 | | |
| 15 | QPSK | 75 | 0 | 23.51 | 23.60 | 23.55 | | |
| 15 | 16QAM | 1 | 0 | 23.54 | 23.67 | 23.55 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.40 | 23.50 | 23.36 | | |
| 15 | 16QAM | 1 | 74 | 23.37 | 23.41 | 23.38 | | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.68 | 22.60 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.66 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.41 | 22.52 | 22.44 | | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.58 | 22.49 | | |
| 15 | 64QAM | 1 | 0 | 22.60 | 22.61 | 22.61 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.35 | 22.46 | 22.32 | | |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.39 | 22.30 | | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.69 | 21.56 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.70 | 21.61 | | |
| 15 | 64QAM | 36 | 39 | 21.48 | 21.57 | 21.51 | | |
| 15 | 64QAM | 75 | 0 | 21.56 | 21.63 | 21.55 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.50 | 24.29 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.35 | 24.34 | | |
| 10 | QPSK | 1 | 49 | 24.19 | 24.34 | 24.21 | | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.63 | 23.56 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.59 | 23.44 | | |
| 10 | QPSK | 25 | 25 | 23.39 | 23.51 | 23.37 | | |
| 10 | QPSK | 50 | 0 | 23.43 | 23.51 | 23.40 | | |
| 10 | 16QAM | 1 | 0 | 23.43 | 23.59 | 23.46 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.35 | 23.45 | 23.27 | | |
| 10 | 16QAM | 1 | 49 | 23.28 | 23.36 | 23.33 | | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.58 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.49 | 22.61 | 22.41 | | |
| 10 | 16QAM | 25 | 25 | 22.30 | 22.42 | 22.33 | | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.50 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.50 | 22.47 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.32 | 22.26 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.32 | 22.25 | | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.49 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.60 | 21.50 | | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.43 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.45 | 21.53 | 21.41 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.49 | 24.30 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.36 | 24.35 | 24.35 | | |
| 5 | QPSK | 1 | 24 | 24.24 | 24.31 | 24.21 | | |
| 5 | QPSK | 12 | 0 | 23.43 | 23.63 | 23.54 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.44 | 23.48 | 23.47 | | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.48 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.46 | 23.55 | 23.52 | | |
| 5 | 16QAM | 1 | 0 | 23.43 | 23.56 | 23.47 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.41 | 23.31 | | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.33 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.54 | 22.65 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.45 | 22.57 | 22.47 | | |
| 5 | 16QAM | 12 | 13 | 22.28 | 22.48 | 22.29 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.42 | | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.49 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.33 | 22.18 | | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.30 | 22.18 | | |
| 5 | 64QAM | 12 | 0 | 21.50 | 21.61 | 21.45 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.62 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.34 | 21.53 | 21.47 | | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.49 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.35 | 24.47 | 24.37 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.33 | 24.37 | 24.25 | | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.27 | 24.29 | | |
| 3 | QPSK | 8 | 0 | 23.44 | 23.62 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.51 | 23.48 | | |
| 3 | QPSK | 8 | 7 | 23.37 | 23.42 | 23.38 | | |
| 3 | QPSK | 15 | 0 | 23.41 | 23.50 | 23.47 | | |
| 3 | 16QAM | 1 | 0 | 23.42 | 23.53 | 23.48 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.25 | 23.37 | 23.26 | | |
| 3 | 16QAM | 1 | 14 | 23.30 | 23.32 | 23.33 | | |
| 3 | 16QAM | 8 | 0 | 22.58 | 22.60 | 22.52 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.48 | 22.57 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.35 | 22.38 | 22.38 | | |
| 3 | 16QAM | 15 | 0 | 22.42 | 22.51 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.54 | 22.49 | 22.56 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.26 | 22.39 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.35 | 22.23 | | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.57 | 21.51 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.44 | 21.45 | | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.59 | 21.49 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.42 | 24.47 | 24.27 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.24 | 24.41 | 24.25 | | |
| 1.4 | QPSK | 1 | 5 | 24.26 | 24.35 | 24.26 | | |
| 1.4 | QPSK | 3 | 0 | 24.39 | 24.49 | 24.46 | | |
| 1.4 | QPSK | 3 | 1 | 24.36 | 24.47 | 24.37 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.38 | 24.26 | | |
| 1.4 | QPSK | 6 | 0 | 23.40 | 23.56 | 23.46 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.50 | 23.54 | 23.47 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.35 | 23.36 | 23.24 | | |
| 1.4 | 16QAM | 1 | 5 | 23.34 | 23.30 | 23.28 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.53 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.46 | 23.56 | 23.34 | | |
| 1.4 | 16QAM | 3 | 3 | 23.26 | 23.38 | 23.27 | | |
| 1.4 | 16QAM | 6 | 0 | 22.40 | 22.46 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.49 | 22.48 | 22.57 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.24 | 22.36 | 22.27 | | |
| 1.4 | 64QAM | 1 | 5 | 22.24 | 22.31 | 22.19 | | |
| 1.4 | 64QAM | 3 | 0 | 22.50 | 22.50 | 22.37 | | |
| 1.4 | 64QAM | 3 | 1 | 22.50 | 22.55 | 22.46 | | |
| 1.4 | 64QAM | 3 | 3 | 22.29 | 22.46 | 22.39 | | |
| 1.4 | 64QAM | 6 | 0 | 21.48 | 21.54 | 21.50 | 22.5 | 3 |

GSM1900 Ant1 Default

| 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 | 29.85 | 29.74 | 29.80 | 31.00 | 20.85 | 20.74 | 20.80 | 22.00 |
| GPRS 1 Tx slot | 29.78 | 29.66 | 29.73 | 31.00 | 20.78 | 20.66 | 20.73 | 22.00 |
| GPRS 2 Tx slots | 26.18 | 26.12 | 26.14 | 28.00 | 20.18 | 20.12 | 20.14 | 22.00 |
| GPRS 3 Tx slots | 24.37 | 24.30 | 24.26 | 26.20 | 20.11 | 20.04 | 20.00 | 21.94 |
| GPRS 4 Tx slots | 23.19 | 23.21 | 23.17 | 25.00 | 20.19 | 20.21 | 20.17 | 22.00 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant1 Default

WCDMA IV Ant1 Default

| 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 | 24.19 | 24.30 | 24.12 | 25.10 | 24.31 | 24.35 | 24.28 | 25.10 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.34 | 24.39 | 24.27 | 25.10 | 24.42 | 24.44 | 24.37 | 25.10 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.52 | 23.62 | 23.72 | 24.30 | 23.62 | 23.58 | 23.54 | 24.10 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.44 | 23.63 | 23.52 | 24.30 | 23.50 | 23.59 | 23.42 | 24.10 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.95 | 22.96 | 22.93 | 23.60 | 23.22 | 23.21 | 23.00 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.91 | 22.96 | 22.95 | 23.60 | 23.02 | 23.23 | 22.93 | 23.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.45 | 23.78 | 23.68 | 24.30 | 23.38 | 23.67 | 23.44 | 24.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.55 | 23.81 | 23.68 | 24.30 | 23.52 | 23.53 | 23.65 | 24.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.94 | 23.05 | 23.04 | 23.60 | 22.88 | 22.98 | 22.95 | 23.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 23.07 | 23.14 | 22.91 | 23.60 | 22.86 | 23.08 | 22.69 | 23.60 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.68 | 23.66 | 23.51 | 24.30 | 23.68 | 23.67 | 23.60 | 24.10 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.43 | 20.50 | 20.38 | 21.10 | 21.50 | 21.61 | 21.45 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.53 | 21.47 | 21.38 | 22.10 | 22.51 | 22.67 | 22.47 | 23.10 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.51 | 20.56 | 20.35 | 21.10 | 21.60 | 21.75 | 21.57 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.67 | 23.91 | 23.78 | 24.30 | 23.31 | 23.57 | 23.49 | 24.10 |

## Band 2 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 23.71 | 23.82 | 23.78 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.67 | 23.75 | 23.72 | | |
| 20 | QPSK | 1 | 99 | 23.69 | 23.73 | 23.60 | | |
| 20 | QPSK | 50 | 0 | 23.03 | 23.11 | 23.03 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.90 | 23.05 | 23.00 | | |
| 20 | QPSK | 50 | 50 | 22.91 | 22.98 | 22.83 | | |
| 20 | QPSK | 100 | 0 | 22.93 | 23.01 | 22.89 | | |
| 20 | 16QAM | 1 | 0 | 23.08 | 23.19 | 23.11 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.21 | 23.09 | | |
| 20 | 16QAM | 1 | 99 | 23.26 | 23.31 | 23.21 | | |
| 20 | 16QAM | 50 | 0 | 21.99 | 22.06 | 22.02 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 22.00 | 22.05 | 21.92 | | |
| 20 | 16QAM | 50 | 50 | 22.01 | 22.14 | 22.05 | | |
| 20 | 16QAM | 100 | 0 | 22.00 | 22.04 | 21.90 | | |
| 20 | 64QAM | 1 | 0 | 22.04 | 22.12 | 22.00 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.98 | 22.08 | 22.03 | | |
| 20 | 64QAM | 1 | 99 | 22.08 | 22.14 | 22.09 | | |
| 20 | 64QAM | 50 | 0 | 20.99 | 21.07 | 20.92 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.91 | 21.04 | 20.99 | | |
| 20 | 64QAM | 50 | 50 | 20.97 | 21.06 | 20.92 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 21.03 | 20.97 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 23.68 | 23.71 | 23.66 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.54 | 23.62 | 23.62 | | |
| 15 | QPSK | 1 | 74 | 23.59 | 23.65 | 23.51 | | |
| 15 | QPSK | 36 | 0 | 22.99 | 22.99 | 22.92 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.83 | 22.91 | 22.94 | | |
| 15 | QPSK | 36 | 39 | 22.84 | 22.88 | 22.71 | | |
| 15 | QPSK | 75 | 0 | 22.78 | 22.87 | 22.84 | | |
| 15 | 16QAM | 1 | 0 | 22.95 | 23.10 | 22.99 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.08 | 22.98 | | |
| 15 | 16QAM | 1 | 74 | 23.12 | 23.23 | 23.14 | | |
| 15 | 16QAM | 36 | 0 | 21.90 | 21.94 | 21.91 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.91 | 21.96 | 21.89 | | |
| 15 | 16QAM | 36 | 39 | 21.97 | 22.02 | 21.94 | | |
| 15 | 16QAM | 75 | 0 | 21.89 | 21.96 | 21.82 | | |
| 15 | 64QAM | 1 | 0 | 21.95 | 22.04 | 21.94 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.83 | 22.02 | 21.91 | | |
| 15 | 64QAM | 1 | 74 | 22.03 | 22.08 | 22.02 | | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.94 | 20.85 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.91 | 20.93 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 21.00 | 20.79 | | |
| 15 | 64QAM | 75 | 0 | 20.85 | 20.99 | 20.85 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 23.62 | 23.75 | 23.65 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.63 | 23.65 | 23.68 | | |
| 10 | QPSK | 1 | 49 | 23.54 | 23.63 | 23.57 | | |
| 10 | QPSK | 25 | 0 | 22.99 | 22.97 | 22.98 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.99 | 22.94 | | |
| 10 | QPSK | 25 | 25 | 22.78 | 22.86 | 22.79 | | |
| 10 | QPSK | 50 | 0 | 22.86 | 22.89 | 22.76 | | |
| 10 | 16QAM | 1 | 0 | 22.99 | 23.10 | 23.00 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.16 | 23.03 | | |
| 10 | 16QAM | 1 | 49 | 23.18 | 23.17 | 23.09 | | |
| 10 | 16QAM | 25 | 0 | 21.85 | 21.95 | 21.92 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.92 | 21.91 | 21.77 | | |
| 10 | 16QAM | 25 | 25 | 21.96 | 22.03 | 21.98 | | |
| 10 | 16QAM | 50 | 0 | 21.97 | 21.90 | 21.84 | | |
| 10 | 64QAM | 1 | 0 | 21.92 | 22.07 | 21.87 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.85 | 21.97 | 21.91 | | |
| 10 | 64QAM | 1 | 49 | 22.03 | 22.07 | 22.01 | | |
| 10 | 64QAM | 25 | 0 | 20.87 | 20.94 | 20.79 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.00 | 20.95 | | |
| 10 | 64QAM | 25 | 25 | 20.88 | 20.92 | 20.80 | | |
| 10 | 64QAM | 50 | 0 | 20.91 | 20.92 | 20.87 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.78 | 23.70 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.62 | 23.68 | 23.61 | | |
| 5 | QPSK | 1 | 24 | 23.64 | 23.64 | 23.46 | | |
| 5 | QPSK | 12 | 0 | 22.99 | 23.06 | 22.96 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.80 | 22.92 | 22.91 | | |
| 5 | QPSK | 12 | 13 | 22.78 | 22.91 | 22.72 | | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.87 | 22.86 | | |
| 5 | 16QAM | 1 | 0 | 22.95 | 23.09 | 23.02 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.93 | 23.15 | 23.01 | | |
| 5 | 16QAM | 1 | 24 | 23.22 | 23.26 | 23.12 | | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.92 | 21.98 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.88 | 22.02 | 21.80 | | |
| 5 | 16QAM | 12 | 13 | 21.88 | 22.05 | 21.99 | | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.89 | 21.84 | | |
| 5 | 64QAM | 1 | 0 | 22.01 | 21.99 | 21.90 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.88 | 22.01 | 21.95 | | |
| 5 | 64QAM | 1 | 24 | 21.97 | 22.04 | 22.01 | | |
| 5 | 64QAM | 12 | 0 | 20.95 | 21.01 | 20.85 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.84 | 20.97 | 20.90 | | |
| 5 | 64QAM | 12 | 13 | 20.90 | 20.99 | 20.82 | | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.95 | 20.84 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 23.65 | 23.73 | 23.68 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.61 | 23.67 | 23.67 | | |
| 3 | QPSK | 1 | 14 | 23.65 | 23.59 | 23.56 | | |
| 3 | QPSK | 8 | 0 | 22.90 | 22.96 | 22.90 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.87 | 22.99 | 22.86 | | |
| 3 | QPSK | 8 | 7 | 22.76 | 22.94 | 22.74 | | |
| 3 | QPSK | 15 | 0 | 22.84 | 22.87 | 22.75 | | |
| 3 | 16QAM | 1 | 0 | 23.04 | 23.16 | 23.00 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.96 | 23.16 | 23.05 | | |
| 3 | 16QAM | 1 | 14 | 23.22 | 23.17 | 23.18 | | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.95 | 21.94 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.91 | 21.82 | | |
| 3 | 16QAM | 8 | 7 | 21.96 | 22.11 | 21.93 | | |
| 3 | 16QAM | 15 | 0 | 21.86 | 21.99 | 21.79 | | |
| 3 | 64QAM | 1 | 0 | 21.96 | 22.03 | 21.93 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.90 | 22.04 | 21.92 | | |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.01 | 21.98 | | |
| 3 | 64QAM | 8 | 0 | 20.91 | 20.97 | 20.85 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.83 | 20.91 | 20.87 | | |
| 3 | 64QAM | 8 | 7 | 20.83 | 20.93 | 20.82 | | |
| 3 | 64QAM | 15 | 0 | 20.91 | 20.88 | 20.86 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.59 | 23.76 | 23.73 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.67 | 23.61 | | |
| 1.4 | QPSK | 1 | 5 | 23.58 | 23.63 | 23.53 | | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.80 | 23.73 | | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.76 | 23.72 | | |
| 1.4 | QPSK | 3 | 3 | 23.58 | 23.65 | 23.59 | | |
| 1.4 | QPSK | 6 | 0 | 22.90 | 22.87 | 22.79 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.02 | 23.12 | 22.99 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 23.11 | 22.99 | | |
| 1.4 | 16QAM | 1 | 5 | 23.16 | 23.17 | 23.14 | | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.94 | 22.95 | | |
| 1.4 | 16QAM | 3 | 1 | 22.91 | 22.99 | 22.88 | | |
| 1.4 | 16QAM | 3 | 3 | 22.88 | 23.06 | 22.93 | | |
| 1.4 | 16QAM | 6 | 0 | 21.89 | 21.99 | 21.86 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.99 | 22.08 | 21.90 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.89 | 22.04 | 21.97 | | |
| 1.4 | 64QAM | 1 | 5 | 22.01 | 22.00 | 21.95 | | |
| 1.4 | 64QAM | 3 | 0 | 21.85 | 21.93 | 21.79 | | |
| 1.4 | 64QAM | 3 | 1 | 21.85 | 21.97 | 21.90 | | |
| 1.4 | 64QAM | 3 | 3 | 21.91 | 21.97 | 21.88 | | |
| 1.4 | 64QAM | 6 | 0 | 20.92 | 20.88 | 20.92 | 22.1 | 3 |

## Band 4 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.92 | 23.95 | 23.86 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.73 | 23.82 | 23.77 | | |
| 20 | QPSK | 1 | 99 | 23.82 | 23.87 | 23.77 | | |
| 20 | QPSK | 50 | 0 | 22.87 | 23.00 | 22.85 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.85 | 22.92 | 22.78 | | |
| 20 | QPSK | 50 | 50 | 22.88 | 22.98 | 22.92 | | |
| 20 | QPSK | 100 | 0 | 22.83 | 22.93 | 22.79 | | |
| 20 | 16QAM | 1 | 0 | 22.83 | 22.97 | 22.83 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.70 | 22.77 | 22.72 | | |
| 20 | 16QAM | 1 | 99 | 22.81 | 22.91 | 22.87 | | |
| 20 | 16QAM | 50 | 0 | 21.88 | 21.95 | 21.82 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.81 | 21.90 | 21.81 | | |
| 20 | 16QAM | 50 | 50 | 21.84 | 21.97 | 21.92 | | |
| 20 | 16QAM | 100 | 0 | 21.88 | 21.93 | 21.79 | | |
| 20 | 64QAM | 1 | 0 | 21.82 | 21.93 | 21.80 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.64 | 21.75 | 21.60 | | |
| 20 | 64QAM | 1 | 99 | 21.84 | 21.90 | 21.87 | | |
| 20 | 64QAM | 50 | 0 | 20.90 | 20.93 | 20.87 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.77 | 20.87 | 20.74 | | |
| 20 | 64QAM | 50 | 50 | 20.92 | 20.99 | 20.88 | | |
| 20 | 64QAM | 100 | 0 | 20.75 | 20.90 | 20.82 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.82 | 23.86 | 23.76 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.64 | 23.78 | 23.73 | | |
| 15 | QPSK | 1 | 74 | 23.67 | 23.76 | 23.66 | | |
| 15 | QPSK | 36 | 0 | 22.76 | 22.95 | 22.81 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.81 | 22.88 | 22.64 | | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.88 | 22.86 | | |
| 15 | QPSK | 75 | 0 | 22.77 | 22.84 | 22.70 | | |
| 15 | 16QAM | 1 | 0 | 22.73 | 22.86 | 22.79 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.58 | 22.65 | 22.62 | | |
| 15 | 16QAM | 1 | 74 | 22.70 | 22.79 | 22.76 | | |
| 15 | 16QAM | 36 | 0 | 21.85 | 21.81 | 21.68 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.76 | 21.82 | 21.70 | | |
| 15 | 16QAM | 36 | 39 | 21.77 | 21.83 | 21.85 | | |
| 15 | 16QAM | 75 | 0 | 21.74 | 21.80 | 21.68 | | |
| 15 | 64QAM | 1 | 0 | 21.71 | 21.86 | 21.76 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.52 | 21.65 | 21.56 | | |
| 15 | 64QAM | 1 | 74 | 21.75 | 21.75 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 20.81 | 20.88 | 20.81 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.69 | 20.73 | 20.66 | | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.87 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.64 | 20.78 | 20.78 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 23.88 | 23.89 | 23.76 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.60 | 23.76 | 23.66 | | |
| 10 | QPSK | 1 | 49 | 23.74 | 23.74 | 23.66 | | |
| 10 | QPSK | 25 | 0 | 22.83 | 22.88 | 22.73 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.70 | 22.80 | 22.72 | | |
| 10 | QPSK | 25 | 25 | 22.80 | 22.88 | 22.84 | | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.83 | 22.70 | | |
| 10 | 16QAM | 1 | 0 | 22.73 | 22.91 | 22.69 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.60 | 22.65 | 22.66 | | |
| 10 | 16QAM | 1 | 49 | 22.77 | 22.83 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 21.81 | 21.81 | 21.70 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.75 | 21.82 | 21.72 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.83 | 21.81 | | |
| 10 | 16QAM | 50 | 0 | 21.79 | 21.82 | 21.75 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.88 | 21.68 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.51 | 21.63 | 21.51 | | |
| 10 | 64QAM | 1 | 49 | 21.70 | 21.86 | 21.77 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.86 | 20.83 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.68 | 20.77 | 20.62 | | |
| 10 | 64QAM | 25 | 25 | 20.85 | 20.86 | 20.79 | | |
| 10 | 64QAM | 50 | 0 | 20.67 | 20.76 | 20.77 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 23.85 | 23.81 | 23.77 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.62 | 23.75 | 23.71 | | |
| 5 | QPSK | 1 | 24 | 23.73 | 23.72 | 23.67 | | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.89 | 22.81 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.72 | 22.80 | 22.65 | | |
| 5 | QPSK | 12 | 13 | 22.80 | 22.85 | 22.86 | | |
| 5 | QPSK | 25 | 0 | 22.73 | 22.85 | 22.74 | | |
| 5 | 16QAM | 1 | 0 | 22.75 | 22.91 | 22.80 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.66 | 22.73 | 22.60 | | |
| 5 | 16QAM | 1 | 24 | 22.71 | 22.77 | 22.76 | | |
| 5 | 16QAM | 12 | 0 | 21.80 | 21.85 | 21.72 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.87 | 21.77 | | |
| 5 | 16QAM | 12 | 13 | 21.80 | 21.92 | 21.77 | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.84 | 21.75 | | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.85 | 21.71 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.50 | 21.61 | 21.47 | | |
| 5 | 64QAM | 1 | 24 | 21.70 | 21.75 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 20.83 | 20.82 | 20.80 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.65 | 20.82 | 20.64 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.86 | 20.85 | | |
| 5 | 64QAM | 25 | 0 | 20.63 | 20.76 | 20.74 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 23.87 | 23.87 | 23.78 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.62 | 23.79 | 23.64 | | |
| 3 | QPSK | 1 | 14 | 23.75 | 23.74 | 23.68 | | |
| 3 | QPSK | 8 | 0 | 22.77 | 22.86 | 22.79 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.81 | 22.83 | 22.64 | | |
| 3 | QPSK | 8 | 7 | 22.75 | 22.93 | 22.80 | | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.81 | 22.68 | | |
| 3 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.76 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.67 | 22.65 | 22.68 | | |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.83 | 22.74 | | |
| 3 | 16QAM | 8 | 0 | 21.85 | 21.84 | 21.76 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.71 | 21.78 | 21.69 | | |
| 3 | 16QAM | 8 | 7 | 21.76 | 21.90 | 21.81 | | |
| 3 | 16QAM | 15 | 0 | 21.78 | 21.78 | 21.68 | | |
| 3 | 64QAM | 1 | 0 | 21.68 | 21.86 | 21.69 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.57 | 21.61 | 21.50 | | |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.86 | 21.72 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.86 | 20.80 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.65 | 20.78 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.92 | 20.84 | | |
| 3 | 64QAM | 15 | 0 | 20.70 | 20.83 | 20.75 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.84 | 23.89 | 23.81 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.66 | 23.70 | 23.74 | | |
| 1.4 | QPSK | 1 | 5 | 23.78 | 23.81 | 23.65 | | |
| 1.4 | QPSK | 3 | 0 | 23.69 | 23.89 | 23.73 | | |
| 1.4 | QPSK | 3 | 1 | 23.74 | 23.81 | 23.67 | | |
| 1.4 | QPSK | 3 | 3 | 23.80 | 23.78 | 23.74 | | |
| 1.4 | QPSK | 6 | 0 | 22.75 | 22.84 | 22.68 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.75 | 22.87 | 22.70 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.59 | 22.72 | 22.61 | | |
| 1.4 | 16QAM | 1 | 5 | 22.71 | 22.80 | 22.80 | | |
| 1.4 | 16QAM | 3 | 0 | 22.79 | 22.84 | 22.63 | | |
| 1.4 | 16QAM | 3 | 1 | 22.61 | 22.76 | 22.70 | | |
| 1.4 | 16QAM | 3 | 3 | 22.67 | 22.79 | 22.78 | | |
| 1.4 | 16QAM | 6 | 0 | 21.74 | 21.80 | 21.71 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.70 | 21.81 | 21.74 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.53 | 21.61 | 21.55 | | |
| 1.4 | 64QAM | 1 | 5 | 21.72 | 21.79 | 21.79 | | |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.75 | 21.72 | | |
| 1.4 | 64QAM | 3 | 1 | 21.60 | 21.68 | 21.59 | | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.86 | 21.73 | | |
| 1.4 | 64QAM | 6 | 0 | 20.62 | 20.77 | 20.73 | 22.1 | 3 |

## Band 7 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.49 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.37 | 23.43 | 23.36 | | |
| 20 | QPSK | 1 | 99 | 23.52 | 23.57 | 23.44 | | |
| 20 | QPSK | 50 | 0 | 22.55 | 22.64 | 22.52 | 23.7 | 1 |
| 20 | QPSK | 50 | 24 | 22.57 | 22.61 | 22.56 | | |
| 20 | QPSK | 50 | 50 | 22.50 | 22.58 | 22.53 | | |
| 20 | QPSK | 100 | 0 | 22.44 | 22.57 | 22.52 | | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.59 | 22.45 | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 22.39 | 22.48 | 22.37 | | |
| 20 | 16QAM | 1 | 99 | 22.50 | 22.54 | 22.41 | | |
| 20 | 16QAM | 50 | 0 | 21.61 | 21.60 | 21.58 | 22.7 | 2 |
| 20 | 16QAM | 50 | 24 | 21.63 | 21.57 | 21.53 | | |
| 20 | 16QAM | 50 | 50 | 21.51 | 21.59 | 21.49 | | |
| 20 | 16QAM | 100 | 0 | 21.40 | 21.60 | 21.56 | | |
| 20 | 64QAM | 1 | 0 | 21.56 | 21.54 | 21.44 | 22.7 | 2 |
| 20 | 64QAM | 1 | 49 | 21.43 | 21.45 | 21.36 | | |
| 20 | 64QAM | 1 | 99 | 21.55 | 21.60 | 21.37 | | |
| 20 | 64QAM | 50 | 0 | 20.64 | 20.65 | 20.64 | 21.7 | 3 |
| 20 | 64QAM | 50 | 24 | 20.61 | 20.63 | 20.57 | | |
| 20 | 64QAM | 50 | 50 | 20.48 | 20.58 | 20.56 | | |
| 20 | 64QAM | 100 | 0 | 20.45 | 20.66 | 20.59 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 23.47 | 23.52 | 23.42 | 24.7 | 0 |
| 15 | QPSK | 1 | 37 | 23.25 | 23.39 | 23.24 | | |
| 15 | QPSK | 1 | 74 | 23.46 | 23.53 | 23.32 | | |
| 15 | QPSK | 36 | 0 | 22.41 | 22.59 | 22.47 | 23.7 | 1 |
| 15 | QPSK | 36 | 20 | 22.46 | 22.46 | 22.52 | | |
| 15 | QPSK | 36 | 39 | 22.40 | 22.44 | 22.47 | | |
| 15 | QPSK | 75 | 0 | 22.32 | 22.49 | 22.38 | | |
| 15 | 16QAM | 1 | 0 | 22.53 | 22.54 | 22.38 | 23.7 | 1 |
| 15 | 16QAM | 1 | 37 | 22.27 | 22.40 | 22.22 | | |
| 15 | 16QAM | 1 | 74 | 22.45 | 22.42 | 22.28 | | |
| 15 | 16QAM | 36 | 0 | 21.56 | 21.47 | 21.54 | 22.7 | 2 |
| 15 | 16QAM | 36 | 20 | 21.51 | 21.47 | 21.44 | | |
| 15 | 16QAM | 36 | 39 | 21.43 | 21.44 | 21.46 | | |
| 15 | 16QAM | 75 | 0 | 21.28 | 21.49 | 21.52 | | |
| 15 | 64QAM | 1 | 0 | 21.51 | 21.41 | 21.40 | 22.7 | 2 |
| 15 | 64QAM | 1 | 37 | 21.34 | 21.41 | 21.30 | | |
| 15 | 64QAM | 1 | 74 | 21.47 | 21.45 | 21.28 | | |
| 15 | 64QAM | 36 | 0 | 20.55 | 20.54 | 20.50 | 21.7 | 3 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.49 | 20.43 | | |
| 15 | 64QAM | 36 | 39 | 20.43 | 20.47 | 20.47 | | |
| 15 | 64QAM | 75 | 0 | 20.30 | 20.60 | 20.51 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 23.45 | 23.51 | 23.40 | 24.7 | 0 |
| 10 | QPSK | 1 | 25 | 23.25 | 23.33 | 23.23 | | |
| 10 | QPSK | 1 | 49 | 23.48 | 23.52 | 23.30 | | |
| 10 | QPSK | 25 | 0 | 22.45 | 22.55 | 22.43 | 23.7 | 1 |
| 10 | QPSK | 25 | 12 | 22.48 | 22.50 | 22.43 | | |
| 10 | QPSK | 25 | 25 | 22.43 | 22.53 | 22.40 | | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.53 | 22.41 | | |
| 10 | 16QAM | 1 | 0 | 22.49 | 22.53 | 22.30 | 23.7 | 1 |
| 10 | 16QAM | 1 | 25 | 22.24 | 22.37 | 22.31 | | |
| 10 | 16QAM | 1 | 49 | 22.36 | 22.43 | 22.37 | | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.55 | 21.53 | 22.7 | 2 |
| 10 | 16QAM | 25 | 12 | 21.56 | 21.49 | 21.46 | | |
| 10 | 16QAM | 25 | 25 | 21.36 | 21.51 | 21.45 | | |
| 10 | 16QAM | 50 | 0 | 21.26 | 21.53 | 21.52 | | |
| 10 | 64QAM | 1 | 0 | 21.47 | 21.46 | 21.33 | 22.7 | 2 |
| 10 | 64QAM | 1 | 25 | 21.30 | 21.36 | 21.27 | | |
| 10 | 64QAM | 1 | 49 | 21.46 | 21.53 | 21.24 | | |
| 10 | 64QAM | 25 | 0 | 20.57 | 20.61 | 20.50 | 21.7 | 3 |
| 10 | 64QAM | 25 | 12 | 20.48 | 20.50 | 20.48 | | |
| 10 | 64QAM | 25 | 25 | 20.39 | 20.44 | 20.44 | | |
| 10 | 64QAM | 50 | 0 | 20.38 | 20.60 | 20.49 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 23.46 | 23.45 | 23.41 | 24.7 | 0 |
| 5 | QPSK | 1 | 12 | 23.31 | 23.31 | 23.22 | | |
| 5 | QPSK | 1 | 24 | 23.40 | 23.43 | 23.34 | | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.53 | 22.40 | 23.7 | 1 |
| 5 | QPSK | 12 | 7 | 22.52 | 22.51 | 22.49 | | |
| 5 | QPSK | 12 | 13 | 22.45 | 22.51 | 22.45 | | |
| 5 | QPSK | 25 | 0 | 22.32 | 22.48 | 22.46 | | |
| 5 | 16QAM | 1 | 0 | 22.46 | 22.44 | 22.40 | 23.7 | 1 |
| 5 | 16QAM | 1 | 12 | 22.28 | 22.39 | 22.28 | | |
| 5 | 16QAM | 1 | 24 | 22.40 | 22.45 | 22.36 | | |
| 5 | 16QAM | 12 | 0 | 21.48 | 21.47 | 21.43 | 22.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.52 | 21.50 | 21.41 | | |
| 5 | 16QAM | 12 | 13 | 21.42 | 21.47 | 21.38 | | |
| 5 | 16QAM | 25 | 0 | 21.31 | 21.50 | 21.43 | | |
| 5 | 64QAM | 1 | 0 | 21.44 | 21.42 | 21.35 | 22.7 | 2 |
| 5 | 64QAM | 1 | 12 | 21.33 | 21.34 | 21.31 | | |
| 5 | 64QAM | 1 | 24 | 21.50 | 21.56 | 21.28 | | |
| 5 | 64QAM | 12 | 0 | 20.53 | 20.58 | 20.53 | 21.7 | 3 |
| 5 | 64QAM | 12 | 7 | 20.49 | 20.53 | 20.54 | | |
| 5 | 64QAM | 12 | 13 | 20.43 | 20.52 | 20.50 | | |
| 5 | 64QAM | 25 | 0 | 20.32 | 20.59 | 20.53 | | |

## Band 25 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 23.80 | 23.93 | 23.87 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.71 | 23.84 | 23.80 | | |
| 20 | QPSK | 1 | 99 | 23.83 | 23.88 | 23.83 | | |
| 20 | QPSK | 50 | 0 | 22.91 | 23.04 | 22.91 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.88 | 22.95 | 22.86 | | |
| 20 | QPSK | 50 | 50 | 22.93 | 23.02 | 22.91 | | |
| 20 | QPSK | 100 | 0 | 23.01 | 23.06 | 22.93 | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 22.95 | 22.86 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.74 | 22.84 | 22.77 | | |
| 20 | 16QAM | 1 | 99 | 22.80 | 22.94 | 22.88 | | |
| 20 | 16QAM | 50 | 0 | 21.91 | 22.01 | 21.90 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.87 | 21.91 | 21.82 | | |
| 20 | 16QAM | 50 | 50 | 21.99 | 22.08 | 21.89 | | |
| 20 | 16QAM | 100 | 0 | 22.03 | 22.02 | 21.88 | | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.93 | 21.83 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.78 | 21.84 | 21.73 | | |
| 20 | 64QAM | 1 | 99 | 21.78 | 21.97 | 21.88 | | |
| 20 | 64QAM | 50 | 0 | 20.97 | 20.98 | 20.90 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.95 | 20.80 | | |
| 20 | 64QAM | 50 | 50 | 20.96 | 21.02 | 20.86 | | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.89 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 23.73 | 23.90 | 23.75 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.62 | 23.81 | 23.71 | | |
| 15 | QPSK | 1 | 74 | 23.69 | 23.77 | 23.79 | | |
| 15 | QPSK | 36 | 0 | 22.87 | 22.98 | 22.86 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.80 | 22.84 | 22.80 | | |
| 15 | QPSK | 36 | 39 | 22.79 | 22.92 | 22.77 | | |
| 15 | QPSK | 75 | 0 | 22.89 | 23.02 | 22.89 | | |
| 15 | 16QAM | 1 | 0 | 22.69 | 22.84 | 22.77 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.64 | 22.70 | 22.69 | | |
| 15 | 16QAM | 1 | 74 | 22.73 | 22.86 | 22.78 | | |
| 15 | 16QAM | 36 | 0 | 21.77 | 21.94 | 21.87 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.77 | 21.78 | 21.75 | | |
| 15 | 16QAM | 36 | 39 | 21.90 | 22.00 | 21.74 | | |
| 15 | 16QAM | 75 | 0 | 21.93 | 21.94 | 21.80 | | |
| 15 | 64QAM | 1 | 0 | 21.61 | 21.88 | 21.73 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.65 | 21.78 | 21.65 | | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.84 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.90 | 20.82 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.91 | 20.69 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 20.88 | 20.72 | | |
| 15 | 64QAM | 75 | 0 | 20.90 | 21.01 | 20.84 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 23.69 | 23.82 | 23.74 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.65 | 23.79 | 23.73 | | |
| 10 | QPSK | 1 | 49 | 23.77 | 23.78 | 23.76 | | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.99 | 22.85 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.83 | 22.81 | | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.88 | 22.87 | | |
| 10 | QPSK | 50 | 0 | 22.91 | 23.02 | 22.82 | | |
| 10 | 16QAM | 1 | 0 | 22.63 | 22.87 | 22.82 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.59 | 22.72 | 22.66 | | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.88 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 21.77 | 21.89 | 21.78 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.82 | 21.88 | 21.71 | | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.99 | 21.83 | | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.89 | 21.84 | | |
| 10 | 64QAM | 1 | 0 | 21.65 | 21.89 | 21.74 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.65 | | |
| 10 | 64QAM | 1 | 49 | 21.64 | 21.87 | 21.76 | | |
| 10 | 64QAM | 25 | 0 | 20.91 | 20.86 | 20.77 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.83 | 20.83 | 20.67 | | |
| 10 | 64QAM | 25 | 25 | 20.92 | 20.91 | 20.74 | | |
| 10 | 64QAM | 50 | 0 | 20.89 | 20.96 | 20.74 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 23.77 | 23.82 | 23.73 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.80 | 23.72 | | |
| 5 | QPSK | 1 | 24 | 23.78 | 23.74 | 23.76 | | |
| 5 | QPSK | 12 | 0 | 22.81 | 22.99 | 22.85 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.74 | 22.81 | 22.73 | | |
| 5 | QPSK | 12 | 13 | 22.86 | 22.94 | 22.78 | | |
| 5 | QPSK | 25 | 0 | 22.91 | 23.03 | 22.89 | | |
| 5 | 16QAM | 1 | 0 | 22.70 | 22.87 | 22.82 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.67 | 22.76 | 22.68 | | |
| 5 | 16QAM | 1 | 24 | 22.73 | 22.84 | 22.82 | | |
| 5 | 16QAM | 12 | 0 | 21.82 | 21.88 | 21.76 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.78 | 21.86 | 21.75 | | |
| 5 | 16QAM | 12 | 13 | 21.88 | 22.01 | 21.81 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 21.92 | 21.82 | | |
| 5 | 64QAM | 1 | 0 | 21.63 | 21.78 | 21.77 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.73 | 21.81 | 21.61 | | |
| 5 | 64QAM | 1 | 24 | 21.65 | 21.86 | 21.81 | | |
| 5 | 64QAM | 12 | 0 | 20.85 | 20.93 | 20.80 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.83 | 20.80 | 20.74 | | |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.89 | 20.81 | | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.97 | 20.80 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 23.70 | 23.83 | 23.79 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.59 | 23.75 | 23.71 | | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.79 | 23.73 | | |
| 3 | QPSK | 8 | 0 | 22.81 | 22.95 | 22.79 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.75 | 22.90 | 22.81 | | |
| 3 | QPSK | 8 | 7 | 22.85 | 22.94 | 22.80 | | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.95 | 22.82 | | |
| 3 | 16QAM | 1 | 0 | 22.70 | 22.88 | 22.79 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.70 | 22.76 | 22.69 | | |
| 3 | 16QAM | 1 | 14 | 22.74 | 22.82 | 22.79 | | |
| 3 | 16QAM | 8 | 0 | 21.81 | 21.93 | 21.86 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.75 | 21.76 | 21.73 | | |
| 3 | 16QAM | 8 | 7 | 21.86 | 21.94 | 21.75 | | |
| 3 | 16QAM | 15 | 0 | 21.93 | 21.89 | 21.82 | | |
| 3 | 64QAM | 1 | 0 | 21.62 | 21.81 | 21.77 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.72 | 21.61 | | |
| 3 | 64QAM | 1 | 14 | 21.63 | 21.84 | 21.77 | | |
| 3 | 64QAM | 8 | 0 | 20.92 | 20.86 | 20.84 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.82 | 20.82 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.95 | 20.74 | | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.95 | 20.83 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.75 | 23.90 | 23.82 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.67 | 23.72 | 23.66 | | |
| 1.4 | QPSK | 1 | 5 | 23.79 | 23.77 | 23.69 | | |
| 1.4 | QPSK | 3 | 0 | 23.77 | 23.85 | 23.76 | | |
| 1.4 | QPSK | 3 | 1 | 23.77 | 23.84 | 23.74 | | |
| 1.4 | QPSK | 3 | 3 | 23.75 | 23.90 | 23.75 | | |
| 1.4 | QPSK | 6 | 0 | 22.94 | 22.92 | 22.86 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.64 | 22.86 | 22.75 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.62 | 22.73 | 22.71 | | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.73 | | |
| 1.4 | 16QAM | 3 | 0 | 22.75 | 22.91 | 22.77 | | |
| 1.4 | 16QAM | 3 | 1 | 22.79 | 22.72 | 22.65 | | |
| 1.4 | 16QAM | 3 | 3 | 22.89 | 23.00 | 22.71 | | |
| 1.4 | 16QAM | 6 | 0 | 21.93 | 21.91 | 21.76 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.83 | 21.76 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.72 | 21.70 | 21.63 | | |
| 1.4 | 64QAM | 1 | 5 | 21.72 | 21.87 | 21.82 | | |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.79 | 21.70 | | |
| 1.4 | 64QAM | 3 | 1 | 21.75 | 21.80 | 21.69 | | |
| 1.4 | 64QAM | 3 | 3 | 21.78 | 21.83 | 21.71 | | |
| 1.4 | 64QAM | 6 | 0 | 20.87 | 21.00 | 20.80 | 22.1 | 3 |

## Band 66 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.08 | 24.04 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.88 | 23.94 | 23.84 | | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.92 | 23.84 | | |
| 20 | QPSK | 50 | 0 | 23.00 | 23.04 | 23.00 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.95 | 23.02 | 22.88 | | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.88 | 22.74 | | |
| 20 | QPSK | 100 | 0 | 22.90 | 23.01 | 22.95 | | |
| 20 | 16QAM | 1 | 0 | 23.04 | 23.13 | 23.03 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.86 | 23.01 | 22.83 | | |
| 20 | 16QAM | 1 | 99 | 22.82 | 22.97 | 22.79 | | |
| 20 | 16QAM | 50 | 0 | 22.01 | 22.06 | 22.04 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.98 | 22.04 | 21.95 | | |
| 20 | 16QAM | 50 | 50 | 21.83 | 21.92 | 21.79 | | |
| 20 | 16QAM | 100 | 0 | 21.89 | 21.98 | 21.90 | | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.18 | 22.04 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.98 | 21.79 | | |
| 20 | 64QAM | 1 | 99 | 21.83 | 22.04 | 21.84 | | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.02 | 21.08 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.95 | 21.08 | 20.96 | | |
| 20 | 64QAM | 50 | 50 | 20.78 | 20.90 | 20.79 | | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.97 | 20.87 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 23.92 | 23.99 | 23.97 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.84 | 23.80 | 23.78 | | |
| 15 | QPSK | 1 | 74 | 23.72 | 23.77 | 23.78 | | |
| 15 | QPSK | 36 | 0 | 22.86 | 22.91 | 22.97 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.81 | 22.92 | 22.76 | | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.74 | 22.70 | | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.96 | 22.82 | | |
| 15 | 16QAM | 1 | 0 | 22.91 | 23.01 | 22.96 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.74 | 22.92 | 22.70 | | |
| 15 | 16QAM | 1 | 74 | 22.69 | 22.93 | 22.75 | | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.02 | 21.94 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.85 | 22.01 | 21.83 | | |
| 15 | 16QAM | 36 | 39 | 21.73 | 21.86 | 21.72 | | |
| 15 | 16QAM | 75 | 0 | 21.75 | 21.94 | 21.85 | | |
| 15 | 64QAM | 1 | 0 | 21.99 | 22.11 | 21.90 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.94 | 21.72 | | |
| 15 | 64QAM | 1 | 74 | 21.78 | 21.94 | 21.77 | | |
| 15 | 64QAM | 36 | 0 | 21.00 | 20.89 | 20.93 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.82 | 20.99 | 20.91 | | |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.80 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.87 | 20.75 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 23.91 | 24.03 | 23.93 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.77 | 23.85 | 23.72 | | |
| 10 | QPSK | 1 | 49 | 23.73 | 23.79 | 23.78 | | |
| 10 | QPSK | 25 | 0 | 22.95 | 22.95 | 22.93 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.86 | 22.87 | 22.83 | | |
| 10 | QPSK | 25 | 25 | 22.69 | 22.76 | 22.62 | | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.97 | 22.86 | | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.06 | 22.91 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.82 | 22.97 | 22.68 | | |
| 10 | 16QAM | 1 | 49 | 22.67 | 22.84 | 22.71 | | |
| 10 | 16QAM | 25 | 0 | 21.94 | 21.99 | 21.92 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.92 | 21.97 | 21.82 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.80 | 21.71 | | |
| 10 | 16QAM | 50 | 0 | 21.78 | 21.93 | 21.81 | | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.08 | 21.95 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.84 | 21.94 | 21.70 | | |
| 10 | 64QAM | 1 | 49 | 21.77 | 21.89 | 21.71 | | |
| 10 | 64QAM | 25 | 0 | 20.99 | 20.88 | 21.05 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.98 | 20.86 | | |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.83 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.78 | 20.91 | 20.76 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 23.85 | 23.99 | 23.96 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.79 | 23.90 | 23.78 | | |
| 5 | QPSK | 1 | 24 | 23.66 | 23.78 | 23.77 | | |
| 5 | QPSK | 12 | 0 | 22.94 | 22.89 | 22.94 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.90 | 22.97 | 22.77 | | |
| 5 | QPSK | 12 | 13 | 22.75 | 22.77 | 22.60 | | |
| 5 | QPSK | 25 | 0 | 22.87 | 22.93 | 22.87 | | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.09 | 22.93 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.91 | 22.79 | | |
| 5 | 16QAM | 1 | 24 | 22.76 | 22.87 | 22.70 | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.91 | 21.97 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.85 | 21.94 | 21.81 | | |
| 5 | 16QAM | 12 | 13 | 21.75 | 21.87 | 21.66 | | |
| 5 | 16QAM | 25 | 0 | 21.80 | 21.84 | 21.75 | | |
| 5 | 64QAM | 1 | 0 | 22.00 | 22.04 | 21.98 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.78 | 21.83 | 21.67 | | |
| 5 | 64QAM | 1 | 24 | 21.80 | 21.92 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 20.98 | 21.01 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.85 | 20.98 | 20.83 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.79 | 20.72 | | |
| 5 | 64QAM | 25 | 0 | 20.87 | 20.86 | 20.76 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 23.95 | 23.96 | 23.89 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.76 | 23.84 | 23.77 | | |
| 3 | QPSK | 1 | 14 | 23.69 | 23.81 | 23.69 | | |
| 3 | QPSK | 8 | 0 | 22.87 | 22.99 | 22.87 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.85 | 22.98 | 22.83 | | |
| 3 | QPSK | 8 | 7 | 22.72 | 22.74 | 22.64 | | |
| 3 | QPSK | 15 | 0 | 22.80 | 22.94 | 22.89 | | |
| 3 | 16QAM | 1 | 0 | 22.92 | 23.08 | 22.93 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.75 | 22.92 | 22.72 | | |
| 3 | 16QAM | 1 | 14 | 22.78 | 22.93 | 22.70 | | |
| 3 | 16QAM | 8 | 0 | 21.90 | 21.98 | 21.98 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.83 | 21.92 | 21.84 | | |
| 3 | 16QAM | 8 | 7 | 21.69 | 21.77 | 21.73 | | |
| 3 | 16QAM | 15 | 0 | 21.83 | 21.93 | 21.80 | | |
| 3 | 64QAM | 1 | 0 | 21.98 | 22.06 | 22.00 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.82 | 21.87 | 21.73 | | |
| 3 | 64QAM | 1 | 14 | 21.78 | 21.92 | 21.71 | | |
| 3 | 64QAM | 8 | 0 | 20.93 | 20.89 | 20.99 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.88 | 21.02 | 20.81 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.81 | 20.73 | | |
| 3 | 64QAM | 15 | 0 | 20.78 | 20.87 | 20.76 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.86 | 24.02 | 23.97 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.84 | 23.87 | 23.74 | | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.86 | 23.76 | | |
| 1.4 | QPSK | 3 | 0 | 23.89 | 23.98 | 23.91 | | |
| 1.4 | QPSK | 3 | 1 | 23.89 | 23.95 | 23.79 | | |
| 1.4 | QPSK | 3 | 3 | 23.76 | 23.77 | 23.59 | | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.91 | 22.86 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.00 | 23.00 | 22.89 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.78 | 22.89 | 22.80 | | |
| 1.4 | 16QAM | 1 | 5 | 22.69 | 22.91 | 22.74 | | |
| 1.4 | 16QAM | 3 | 0 | 22.98 | 22.94 | 22.92 | | |
| 1.4 | 16QAM | 3 | 1 | 22.87 | 22.90 | 22.85 | | |
| 1.4 | 16QAM | 3 | 3 | 22.74 | 22.83 | 22.68 | | |
| 1.4 | 16QAM | 6 | 0 | 21.85 | 21.88 | 21.84 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.04 | 22.06 | 21.96 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.87 | 21.71 | | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.91 | 21.70 | | |
| 1.4 | 64QAM | 3 | 0 | 21.94 | 21.96 | 22.01 | | |
| 1.4 | 64QAM | 3 | 1 | 21.91 | 22.01 | 21.87 | | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.87 | 21.65 | | |
| 1.4 | 64QAM | 6 | 0 | 20.88 | 20.85 | 20.84 | 22.1 | 3 |

## Band 38 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 23.67 | 23.75 | 23.64 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.64 | 23.71 | 23.64 | | |
| 20 | QPSK | 1 | 99 | 23.51 | 23.58 | 23.52 | | |
| 20 | QPSK | 50 | 0 | 22.74 | 22.80 | 22.76 | 23.7 | 1 |
| 20 | QPSK | 50 | 24 | 22.65 | 22.78 | 22.72 | | |
| 20 | QPSK | 50 | 50 | 22.57 | 22.68 | 22.54 | | |
| 20 | QPSK | 100 | 0 | 22.69 | 22.73 | 22.59 | | |
| 20 | 16QAM | 1 | 0 | 22.64 | 22.77 | 22.71 | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 22.66 | 22.74 | 22.61 | | |
| 20 | 16QAM | 1 | 99 | 22.46 | 22.58 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 21.67 | 21.80 | 21.70 | 22.7 | 2 |
| 20 | 16QAM | 50 | 24 | 21.71 | 21.80 | 21.69 | | |
| 20 | 16QAM | 50 | 50 | 21.56 | 21.69 | 21.65 | | |
| 20 | 16QAM | 100 | 0 | 21.68 | 21.78 | 21.64 | | |
| 20 | 64QAM | 1 | 0 | 21.68 | 21.81 | 21.76 | 22.7 | 2 |
| 20 | 64QAM | 1 | 49 | 21.57 | 21.71 | 21.61 | | |
| 20 | 64QAM | 1 | 99 | 21.53 | 21.62 | 21.49 | | |
| 20 | 64QAM | 50 | 0 | 20.81 | 20.84 | 20.74 | 21.7 | 3 |
| 20 | 64QAM | 50 | 24 | 20.66 | 20.80 | 20.71 | | |
| 20 | 64QAM | 50 | 50 | 20.63 | 20.72 | 20.58 | | |
| 20 | 64QAM | 100 | 0 | 20.69 | 20.84 | 20.76 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 23.63 | 23.70 | 23.50 | 24.7 | 0 |
| 15 | QPSK | 1 | 37 | 23.58 | 23.62 | 23.49 | | |
| 15 | QPSK | 1 | 74 | 23.45 | 23.47 | 23.38 | | |
| 15 | QPSK | 36 | 0 | 22.66 | 22.76 | 22.62 | 23.7 | 1 |
| 15 | QPSK | 36 | 20 | 22.56 | 22.73 | 22.64 | | |
| 15 | QPSK | 36 | 39 | 22.53 | 22.62 | 22.50 | | |
| 15 | QPSK | 75 | 0 | 22.56 | 22.58 | 22.44 | | |
| 15 | 16QAM | 1 | 0 | 22.54 | 22.73 | 22.58 | 23.7 | 1 |
| 15 | 16QAM | 1 | 37 | 22.56 | 22.65 | 22.50 | | |
| 15 | 16QAM | 1 | 74 | 22.33 | 22.43 | 22.48 | | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.76 | 21.60 | 22.7 | 2 |
| 15 | 16QAM | 36 | 20 | 21.59 | 21.75 | 21.57 | | |
| 15 | 16QAM | 36 | 39 | 21.45 | 21.60 | 21.62 | | |
| 15 | 16QAM | 75 | 0 | 21.63 | 21.63 | 21.52 | | |
| 15 | 64QAM | 1 | 0 | 21.54 | 21.68 | 21.71 | 22.7 | 2 |
| 15 | 64QAM | 1 | 37 | 21.46 | 21.64 | 21.58 | | |
| 15 | 64QAM | 1 | 74 | 21.48 | 21.49 | 21.35 | | |
| 15 | 64QAM | 36 | 0 | 20.73 | 20.75 | 20.69 | 21.7 | 3 |
| 15 | 64QAM | 36 | 20 | 20.59 | 20.72 | 20.63 | | |
| 15 | 64QAM | 36 | 39 | 20.60 | 20.59 | 20.48 | | |
| 15 | 64QAM | 75 | 0 | 20.64 | 20.80 | 20.67 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 23.63 | 23.64 | 23.52 | 24.7 | 0 |
| 10 | QPSK | 1 | 25 | 23.58 | 23.61 | 23.59 | | |
| 10 | QPSK | 1 | 49 | 23.43 | 23.48 | 23.39 | | |
| 10 | QPSK | 25 | 0 | 22.60 | 22.77 | 22.68 | 23.7 | 1 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.64 | 22.66 | | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.59 | 22.49 | | |
| 10 | QPSK | 50 | 0 | 22.62 | 22.66 | 22.47 | | |
| 10 | 16QAM | 1 | 0 | 22.52 | 22.69 | 22.63 | 23.7 | 1 |
| 10 | 16QAM | 1 | 25 | 22.51 | 22.68 | 22.55 | | |
| 10 | 16QAM | 1 | 49 | 22.35 | 22.50 | 22.38 | | |
| 10 | 16QAM | 25 | 0 | 21.58 | 21.74 | 21.62 | 22.7 | 2 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.70 | 21.60 | | |
| 10 | 16QAM | 25 | 25 | 21.49 | 21.56 | 21.58 | | |
| 10 | 16QAM | 50 | 0 | 21.60 | 21.68 | 21.60 | | |
| 10 | 64QAM | 1 | 0 | 21.57 | 21.69 | 21.69 | 22.7 | 2 |
| 10 | 64QAM | 1 | 25 | 21.46 | 21.56 | 21.53 | | |
| 10 | 64QAM | 1 | 49 | 21.47 | 21.48 | 21.46 | | |
| 10 | 64QAM | 25 | 0 | 20.75 | 20.73 | 20.70 | 21.7 | 3 |
| 10 | 64QAM | 25 | 12 | 20.56 | 20.73 | 20.58 | | |
| 10 | 64QAM | 25 | 25 | 20.60 | 20.66 | 20.45 | | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.71 | 20.71 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.70 | 23.49 | 24.7 | 0 |
| 5 | QPSK | 1 | 12 | 23.54 | 23.66 | 23.56 | | |
| 5 | QPSK | 1 | 24 | 23.40 | 23.52 | 23.48 | | |
| 5 | QPSK | 12 | 0 | 22.70 | 22.65 | 22.63 | 23.7 | 1 |
| 5 | QPSK | 12 | 7 | 22.58 | 22.73 | 22.65 | | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.58 | 22.43 | | |
| 5 | QPSK | 25 | 0 | 22.64 | 22.66 | 22.52 | | |
| 5 | 16QAM | 1 | 0 | 22.59 | 22.67 | 22.57 | 23.7 | 1 |
| 5 | 16QAM | 1 | 12 | 22.61 | 22.66 | 22.55 | | |
| 5 | 16QAM | 1 | 24 | 22.41 | 22.45 | 22.46 | | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.74 | 21.65 | 22.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.67 | 21.68 | 21.65 | | |
| 5 | 16QAM | 12 | 13 | 21.44 | 21.61 | 21.52 | | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.64 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.63 | 21.70 | 21.70 | 22.7 | 2 |
| 5 | 64QAM | 1 | 12 | 21.50 | 21.64 | 21.57 | | |
| 5 | 64QAM | 1 | 24 | 21.44 | 21.52 | 21.40 | | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.67 | 21.7 | 3 |
| 5 | 64QAM | 12 | 7 | 20.59 | 20.69 | 20.65 | | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.61 | 20.50 | | |

## Band 41 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.61 | 23.68 | 23.83 | 23.65 | 23.70 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.54 | 23.49 | 23.64 | 23.57 | 23.58 | | |
| 20 | QPSK | 1 | 99 | 23.45 | 23.48 | 23.55 | 23.52 | 23.51 | | |
| 20 | QPSK | 50 | 0 | 22.58 | 22.64 | 22.71 | 22.64 | 22.59 | 23.7 | 1 |
| 20 | QPSK | 50 | 24 | 22.63 | 22.55 | 22.68 | 22.55 | 22.59 | | |
| 20 | QPSK | 50 | 50 | 22.52 | 22.60 | 22.65 | 22.61 | 22.56 | | |
| 20 | QPSK | 100 | 0 | 22.59 | 22.55 | 22.70 | 22.56 | 22.64 | | |
| 20 | 16QAM | 1 | 0 | 22.74 | 22.85 | 22.89 | 22.84 | 22.79 | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 22.60 | 22.57 | 22.70 | 22.61 | 22.61 | | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.55 | 22.65 | 22.52 | 22.59 | | |
| 20 | 16QAM | 50 | 0 | 21.68 | 21.68 | 21.73 | 21.66 | 21.68 | 22.7 | 2 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.61 | 21.66 | 21.58 | 21.59 | | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.60 | 21.65 | 21.56 | 21.62 | | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.62 | 21.73 | 21.62 | 21.66 | | |
| 20 | 64QAM | 1 | 0 | 21.77 | 21.86 | 21.90 | 21.83 | 21.83 | 22.7 | 2 |
| 20 | 64QAM | 1 | 49 | 21.72 | 21.73 | 21.83 | 21.79 | 21.70 | | |
| 20 | 64QAM | 1 | 99 | 21.65 | 21.72 | 21.77 | 21.71 | 21.71 | | |
| 20 | 64QAM | 50 | 0 | 20.67 | 20.60 | 20.75 | 20.60 | 20.65 | 21.7 | 3 |
| 20 | 64QAM | 50 | 24 | 20.58 | 20.56 | 20.65 | 20.51 | 20.55 | | |
| 20 | 64QAM | 50 | 50 | 20.54 | 20.49 | 20.63 | 20.55 | 20.58 | | |
| 20 | 64QAM | 100 | 0 | 20.65 | 20.61 | 20.74 | 20.63 | 20.67 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.55 | 23.76 | 23.55 | 23.56 | 24.70 | 0 |
| 15 | QPSK | 1 | 37 | 23.43 | 23.42 | 23.51 | 23.51 | 23.52 | | |
| 15 | QPSK | 1 | 74 | 23.37 | 23.45 | 23.47 | 23.44 | 23.40 | | |
| 15 | QPSK | 36 | 0 | 22.54 | 22.55 | 22.56 | 22.51 | 22.48 | 23.7 | 1 |
| 15 | QPSK | 36 | 20 | 22.52 | 22.48 | 22.56 | 22.47 | 22.48 | | |
| 15 | QPSK | 36 | 39 | 22.49 | 22.51 | 22.51 | 22.48 | 22.46 | | |
| 15 | QPSK | 75 | 0 | 22.53 | 22.51 | 22.63 | 22.45 | 22.50 | | |
| 15 | 16QAM | 1 | 0 | 22.62 | 22.71 | 22.77 | 22.75 | 22.73 | 23.7 | 1 |
| 15 | 16QAM | 1 | 37 | 22.50 | 22.50 | 22.61 | 22.55 | 22.55 | | |
| 15 | 16QAM | 1 | 74 | 22.48 | 22.46 | 22.60 | 22.42 | 22.55 | | |
| 15 | 16QAM | 36 | 0 | 21.64 | 21.62 | 21.64 | 21.60 | 21.58 | 22.7 | 2 |
| 15 | 16QAM | 36 | 20 | 21.54 | 21.56 | 21.59 | 21.54 | 21.56 | | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.56 | 21.58 | 21.47 | 21.56 | | |
| 15 | 16QAM | 75 | 0 | 21.58 | 21.50 | 21.64 | 21.51 | 21.58 | | |
| 15 | 64QAM | 1 | 0 | 21.70 | 21.78 | 21.86 | 21.75 | 21.79 | 22.7 | 2 |
| 15 | 64QAM | 1 | 37 | 21.63 | 21.64 | 21.68 | 21.73 | 21.61 | | |
| 15 | 64QAM | 1 | 74 | 21.52 | 21.61 | 21.72 | 21.67 | 21.59 | | |
| 15 | 64QAM | 36 | 0 | 20.62 | 20.49 | 20.64 | 20.55 | 20.57 | 21.7 | 3 |
| 15 | 64QAM | 36 | 20 | 20.44 | 20.49 | 20.52 | 20.40 | 20.50 | | |
| 15 | 64QAM | 36 | 39 | 20.48 | 20.38 | 20.48 | 20.41 | 20.50 | | |
| 15 | 64QAM | 75 | 0 | 20.57 | 20.51 | 20.68 | 20.54 | 20.63 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.58 | 23.70 | 23.56 | 23.65 | 24.70 | 0 |
| 10 | QPSK | 1 | 25 | 23.41 | 23.45 | 23.55 | 23.51 | 23.55 | | |
| 10 | QPSK | 1 | 49 | 23.32 | 23.40 | 23.47 | 23.48 | 23.41 | | |
| 10 | QPSK | 25 | 0 | 22.48 | 22.60 | 22.64 | 22.59 | 22.45 | 23.7 | 1 |
| 10 | QPSK | 25 | 12 | 22.59 | 22.49 | 22.62 | 22.44 | 22.48 | | |
| 10 | QPSK | 25 | 25 | 22.38 | 22.56 | 22.59 | 22.48 | 22.44 | | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.65 | 22.49 | 22.55 | | |
| 10 | 16QAM | 1 | 0 | 22.67 | 22.77 | 22.82 | 22.69 | 22.71 | 23.7 | 1 |
| 10 | 16QAM | 1 | 25 | 22.46 | 22.42 | 22.63 | 22.49 | 22.48 | | |
| 10 | 16QAM | 1 | 49 | 22.49 | 22.43 | 22.54 | 22.37 | 22.53 | | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.59 | 21.65 | 21.61 | 21.55 | 22.7 | 2 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.49 | 21.52 | 21.47 | 21.47 | | |
| 10 | 16QAM | 25 | 25 | 21.49 | 21.54 | 21.62 | 21.47 | 21.51 | | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.55 | 21.59 | 21.56 | 21.58 | | |
| 10 | 64QAM | 1 | 0 | 21.62 | 21.74 | 21.76 | 21.77 | 21.79 | 22.7 | 2 |
| 10 | 64QAM | 1 | 25 | 21.59 | 21.59 | 21.73 | 21.72 | 21.63 | | |
| 10 | 64QAM | 1 | 49 | 21.51 | 21.64 | 21.70 | 21.60 | 21.68 | | |
| 10 | 64QAM | 25 | 0 | 20.52 | 20.50 | 20.71 | 20.55 | 20.50 | 21.7 | 3 |
| 10 | 64QAM | 25 | 12 | 20.51 | 20.50 | 20.53 | 20.47 | 20.45 | | |
| 10 | 64QAM | 25 | 25 | 20.48 | 20.43 | 20.59 | 20.49 | 20.50 | | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.52 | 20.68 | 20.55 | 20.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.54 | 23.62 | 23.69 | 23.55 | 23.57 | 24.70 | 0 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.44 | 23.60 | 23.51 | 23.52 | | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.43 | 23.45 | 23.48 | 23.39 | | |
| 5 | QPSK | 12 | 0 | 22.54 | 22.50 | 22.61 | 22.52 | 22.48 | 23.7 | 1 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.46 | 22.56 | 22.40 | 22.45 | | |
| 5 | QPSK | 12 | 13 | 22.39 | 22.57 | 22.53 | 22.47 | 22.50 | | |
| 5 | QPSK | 25 | 0 | 22.46 | 22.42 | 22.62 | 22.41 | 22.61 | | |
| 5 | 16QAM | 1 | 0 | 22.60 | 22.79 | 22.78 | 22.72 | 22.76 | 23.7 | 1 |
| 5 | 16QAM | 1 | 12 | 22.52 | 22.47 | 22.57 | 22.56 | 22.48 | | |
| 5 | 16QAM | 1 | 24 | 22.48 | 22.46 | 22.61 | 22.47 | 22.54 | | |
| 5 | 16QAM | 12 | 0 | 21.61 | 21.55 | 21.69 | 21.52 | 21.61 | 22.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.49 | 21.49 | 21.55 | 21.48 | 21.55 | | |
| 5 | 16QAM | 12 | 13 | 21.46 | 21.51 | 21.57 | 21.46 | 21.58 | | |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.51 | 21.65 | 21.59 | 21.54 | | |
| 5 | 64QAM | 1 | 0 | 21.69 | 21.82 | 21.86 | 21.70 | 21.80 | 22.7 | 2 |
| 5 | 64QAM | 1 | 12 | 21.63 | 21.63 | 21.75 | 21.71 | 21.62 | | |
| 5 | 64QAM | 1 | 24 | 21.58 | 21.67 | 21.63 | 21.59 | 21.61 | | |
| 5 | 64QAM | 12 | 0 | 20.62 | 20.56 | 20.62 | 20.47 | 20.53 | 21.7 | 3 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.52 | 20.50 | 20.48 | 20.42 | | |
| 5 | 64QAM | 12 | 13 | 20.41 | 20.43 | 20.52 | 20.49 | 20.52 | | |

GSM850 Ant2 Default

| 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 | 32.98 | 33.19 | 33.09 | 34.20 | 23.98 | 24.19 | 24.09 | 25.20 |
| GPRS 1 Tx slot | 32.71 | 32.96 | 32.97 | 34.20 | 23.71 | 23.96 | 23.97 | 25.20 |
| GPRS 2 Tx slots | 29.97 | 30.07 | 29.83 | 31.20 | 23.97 | 24.07 | 23.83 | 25.20 |
| GPRS 3 Tx slots | 28.24 | 28.28 | 28.09 | 29.40 | 23.98 | 24.02 | 23.83 | 25.14 |
| GPRS 4 Tx slots | 27.15 | 27.20 | 26.99 | 28.20 | 24.15 | 24.20 | 23.99 | 25.20 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant2 Default

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.14 | 24.21 | 24.13 | 25.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.23 | 24.34 | 24.27 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.22 | 21.27 | 21.36 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.25 | 21.36 | 21.37 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.78 | 22.95 | 23.02 | 23.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.79 | 22.85 | 23.11 | 23.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.33 | 21.36 | 21.50 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.35 | 21.43 | 21.57 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.66 | 22.86 | 22.89 | 23.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.70 | 22.77 | 23.10 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.27 | 21.47 | 21.46 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.36 | 19.50 | 19.54 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.18 | 20.49 | 20.48 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.27 | 19.45 | 19.46 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.19 | 21.40 | 21.62 | 22.20 |

## Band 5 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.31 | 24.21 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.21 | 24.29 | 24.17 | | |
| 10 | QPSK | 1 | 49 | 24.10 | 24.21 | 24.11 | | |
| 10 | QPSK | 25 | 0 | 23.26 | 23.36 | 23.28 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.21 | 23.31 | 23.17 | | |
| 10 | QPSK | 25 | 25 | 23.21 | 23.33 | 23.22 | | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.37 | 23.33 | | |
| 10 | 16QAM | 1 | 0 | 23.30 | 23.34 | 23.27 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.25 | 23.15 | | |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.26 | 23.12 | | |
| 10 | 16QAM | 25 | 0 | 22.29 | 22.36 | 22.22 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.26 | 22.33 | 22.26 | | |
| 10 | 16QAM | 25 | 25 | 22.23 | 22.36 | 22.33 | | |
| 10 | 16QAM | 50 | 0 | 22.25 | 22.35 | 22.28 | | |
| 10 | 64QAM | 1 | 0 | 22.29 | 22.37 | 22.26 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.14 | 22.22 | 22.18 | | |
| 10 | 64QAM | 1 | 49 | 22.13 | 22.27 | 22.23 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.35 | 21.22 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.37 | 21.30 | | |
| 10 | 64QAM | 25 | 25 | 21.29 | 21.43 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.38 | 21.35 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.19 | 24.21 | 24.07 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.15 | 24.26 | 24.13 | | |
| 5 | QPSK | 1 | 24 | 24.02 | 24.12 | 24.05 | | |
| 5 | QPSK | 12 | 0 | 23.19 | 23.30 | 23.24 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.18 | 23.04 | | |
| 5 | QPSK | 12 | 13 | 23.08 | 23.21 | 23.08 | | |
| 5 | QPSK | 25 | 0 | 23.26 | 23.23 | 23.27 | | |
| 5 | 16QAM | 1 | 0 | 23.19 | 23.30 | 23.23 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.21 | 23.11 | | |
| 5 | 16QAM | 1 | 24 | 23.13 | 23.19 | 23.08 | | |
| 5 | 16QAM | 12 | 0 | 22.17 | 22.31 | 22.17 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.22 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.24 | 22.21 | | |
| 5 | 16QAM | 25 | 0 | 22.13 | 22.23 | 22.21 | | |
| 5 | 64QAM | 1 | 0 | 22.22 | 22.26 | 22.22 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.19 | 22.14 | | |
| 5 | 64QAM | 1 | 24 | 22.07 | 22.22 | 22.14 | | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.27 | 21.15 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.19 | 21.25 | 21.24 | | |
| 5 | 64QAM | 12 | 13 | 21.17 | 21.38 | 21.20 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.30 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.07 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 24.08 | 24.21 | 24.04 | | |
| 3 | QPSK | 1 | 14 | 24.06 | 24.13 | 24.07 | | |
| 3 | QPSK | 8 | 0 | 23.21 | 23.25 | 23.14 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 23.11 | 23.27 | 23.02 | | |
| 3 | QPSK | 8 | 7 | 23.08 | 23.26 | 23.18 | | |
| 3 | QPSK | 15 | 0 | 23.19 | 23.22 | 23.20 | | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.21 | 23.21 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.04 | 23.12 | 23.10 | | |
| 3 | 16QAM | 1 | 14 | 23.13 | 23.13 | 23.07 | | |
| 3 | 16QAM | 8 | 0 | 22.16 | 22.26 | 22.08 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 22.17 | 22.18 | 22.18 | | |
| 3 | 16QAM | 8 | 7 | 22.10 | 22.25 | 22.29 | | |
| 3 | 16QAM | 15 | 0 | 22.11 | 22.30 | 22.22 | | |
| 3 | 64QAM | 1 | 0 | 22.26 | 22.30 | 22.15 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.09 | 22.18 | 22.08 | | |
| 3 | 64QAM | 1 | 14 | 22.04 | 22.24 | 22.15 | | |
| 3 | 64QAM | 8 | 0 | 21.20 | 21.27 | 21.14 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.21 | 21.29 | 21.23 | | |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.30 | 21.21 | | |
| 3 | 64QAM | 15 | 0 | 21.26 | 21.28 | 21.30 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.21 | 24.24 | 24.12 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.14 | 24.02 | | |
| 1.4 | QPSK | 1 | 5 | 23.99 | 24.14 | 24.02 | | |
| 1.4 | QPSK | 3 | 0 | 24.16 | 24.24 | 24.08 | | |
| 1.4 | QPSK | 3 | 1 | 24.13 | 24.20 | 24.07 | | |
| 1.4 | QPSK | 3 | 3 | 24.02 | 24.18 | 24.08 | | |
| 1.4 | QPSK | 6 | 0 | 23.21 | 23.22 | 23.21 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.15 | 23.25 | 23.21 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.08 | 23.15 | 23.04 | | |
| 1.4 | 16QAM | 1 | 5 | 23.13 | 23.22 | 22.99 | | |
| 1.4 | 16QAM | 3 | 0 | 23.13 | 23.26 | 23.12 | | |
| 1.4 | 16QAM | 3 | 1 | 23.13 | 23.20 | 23.11 | | |
| 1.4 | 16QAM | 3 | 3 | 23.06 | 23.16 | 23.24 | | |
| 1.4 | 16QAM | 6 | 0 | 22.18 | 22.30 | 22.14 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.24 | 22.33 | 22.23 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.19 | 22.03 | | |
| 1.4 | 64QAM | 1 | 5 | 22.10 | 22.21 | 22.17 | | |
| 1.4 | 64QAM | 3 | 0 | 22.10 | 22.23 | 22.06 | | |
| 1.4 | 64QAM | 3 | 1 | 22.15 | 22.25 | 22.20 | | |
| 1.4 | 64QAM | 3 | 3 | 22.21 | 22.29 | 22.13 | | |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.27 | 21.25 | 22.2 | 3 |

## Band 12 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.31 | 24.45 | 24.38 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.36 | 24.33 | | |
| 10 | QPSK | 1 | 49 | 24.18 | 24.32 | 24.26 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.40 | 23.26 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.33 | 23.28 | | |
| 10 | QPSK | 25 | 25 | 23.24 | 23.38 | 23.29 | | |
| 10 | QPSK | 50 | 0 | 23.28 | 23.36 | 23.31 | | |
| 10 | 16QAM | 1 | 0 | 23.46 | 23.51 | 23.36 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.37 | 23.22 | | |
| 10 | 16QAM | 1 | 49 | 23.22 | 23.36 | 23.29 | | |
| 10 | 16QAM | 25 | 0 | 22.31 | 22.42 | 22.38 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.29 | 22.23 | | |
| 10 | 16QAM | 25 | 25 | 22.28 | 22.37 | 22.28 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.33 | 22.18 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.33 | 22.39 | 22.32 | | |
| 10 | 64QAM | 1 | 49 | 22.34 | 22.43 | 22.30 | | |
| 10 | 64QAM | 25 | 0 | 21.41 | 21.48 | 21.43 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.26 | 21.19 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.36 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.28 | 21.33 | 21.29 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.42 | 24.33 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.33 | 24.20 | | |
| 5 | QPSK | 1 | 24 | 24.11 | 24.19 | 24.19 | | |
| 5 | QPSK | 12 | 0 | 23.23 | 23.34 | 23.15 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.14 | 23.25 | 23.25 | | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.31 | 23.21 | | |
| 5 | QPSK | 25 | 0 | 23.17 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.46 | 23.22 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.26 | 23.07 | | |
| 5 | 16QAM | 1 | 24 | 23.11 | 23.31 | 23.22 | | |
| 5 | 16QAM | 12 | 0 | 22.25 | 22.32 | 22.34 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.16 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.22 | 22.31 | 22.20 | | |
| 5 | 16QAM | 25 | 0 | 22.13 | 22.19 | 22.04 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.40 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.25 | 22.26 | | |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.36 | 22.16 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.43 | 21.33 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.15 | 21.07 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.28 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.22 | 24.35 | 24.24 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 24.17 | 24.32 | 24.24 | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.27 | 24.14 | | |
| 3 | QPSK | 8 | 0 | 23.20 | 23.36 | 23.19 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 23.14 | 23.27 | 23.15 | | |
| 3 | QPSK | 8 | 7 | 23.14 | 23.26 | 23.17 | | |
| 3 | QPSK | 15 | 0 | 23.18 | 23.27 | 23.21 | | |
| 3 | 16QAM | 1 | 0 | 23.37 | 23.46 | 23.22 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.23 | 23.30 | 23.12 | | |
| 3 | 16QAM | 1 | 14 | 23.17 | 23.31 | 23.21 | | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.37 | 22.30 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 22.08 | 22.21 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.14 | 22.30 | 22.23 | | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.19 | 22.14 | | |
| 3 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.36 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.25 | 22.33 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.30 | 22.30 | 22.26 | | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.40 | 21.38 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.03 | 21.16 | 21.06 | | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.22 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.21 | 21.21 | 21.17 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.24 | 24.30 | 24.25 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.28 | 24.23 | | |
| 1.4 | QPSK | 1 | 5 | 24.05 | 24.21 | 24.22 | | |
| 1.4 | QPSK | 3 | 0 | 24.19 | 24.25 | 24.11 | | |
| 1.4 | QPSK | 3 | 1 | 24.12 | 24.17 | 24.12 | | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.28 | 24.13 | | |
| 1.4 | QPSK | 6 | 0 | 23.14 | 23.29 | 23.22 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.39 | 23.23 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.31 | 23.09 | | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.31 | 23.24 | | |
| 1.4 | 16QAM | 3 | 0 | 23.16 | 23.26 | 23.23 | | |
| 1.4 | 16QAM | 3 | 1 | 23.04 | 23.21 | 23.07 | | |
| 1.4 | 16QAM | 3 | 3 | 23.19 | 23.27 | 23.16 | | |
| 1.4 | 16QAM | 6 | 0 | 22.08 | 22.27 | 22.04 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.40 | 22.39 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.23 | 22.35 | 22.21 | | |
| 1.4 | 64QAM | 1 | 5 | 22.23 | 22.32 | 22.21 | | |
| 1.4 | 64QAM | 3 | 0 | 22.25 | 22.40 | 22.29 | | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 22.13 | 22.06 | | |
| 1.4 | 64QAM | 3 | 3 | 22.11 | 22.28 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.26 | 21.19 | 22.2 | 3 |

## Band 13 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.12 | | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | | 23.01 | | | |
| 10 | QPSK | 1 | 49 | | 23.09 | | | |
| 10 | QPSK | 25 | 0 | | 22.13 | | 23.2 | 1 |
| 10 | QPSK | 25 | 12 | | 22.07 | | | |
| 10 | QPSK | 25 | 25 | | 22.10 | | | |
| 10 | QPSK | 50 | 0 | | 22.20 | | | |
| 10 | 16QAM | 1 | 0 | | 22.14 | | 23.2 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.06 | | | |
| 10 | 16QAM | 1 | 49 | | 22.13 | | | |
| 10 | 16QAM | 25 | 0 | | 21.18 | | 22.2 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.03 | | | |
| 10 | 16QAM | 25 | 25 | | 21.13 | | | |
| 10 | 16QAM | 50 | 0 | | 21.27 | | | |
| 10 | 64QAM | 1 | 0 | | 21.20 | | 22.2 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.13 | | | |
| 10 | 64QAM | 1 | 49 | | 21.14 | | | |
| 10 | 64QAM | 25 | 0 | | 20.23 | | 21.2 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.06 | | | |
| 10 | 64QAM | 25 | 25 | | 20.13 | | | |
| 10 | 64QAM | 50 | 0 | | 20.31 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.94 | 23.04 | 23.01 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.79 | 22.96 | 22.88 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 23.00 | 22.97 | | |
| 5 | QPSK | 12 | 0 | 21.90 | 22.09 | 22.04 | 23.2 | 1 |
| 5 | QPSK | 12 | 7 | 21.90 | 21.98 | 21.84 | | |
| 5 | QPSK | 12 | 13 | 21.97 | 22.01 | 21.81 | | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.14 | 22.00 | | |
| 5 | 16QAM | 1 | 0 | 22.05 | 22.06 | 21.98 | 23.2 | 1 |
| 5 | 16QAM | 1 | 12 | 21.90 | 21.93 | 21.87 | | |
| 5 | 16QAM | 1 | 24 | 21.99 | 22.09 | 21.93 | | |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.14 | 21.01 | 22.2 | 2 |
| 5 | 16QAM | 12 | 7 | 20.95 | 20.89 | 20.87 | | |
| 5 | 16QAM | 12 | 13 | 20.97 | 21.03 | 20.88 | | |
| 5 | 16QAM | 25 | 0 | 21.03 | 21.21 | 21.08 | | |
| 5 | 64QAM | 1 | 0 | 21.05 | 21.05 | 20.99 | 22.2 | 2 |
| 5 | 64QAM | 1 | 12 | 20.92 | 20.99 | 20.92 | | |
| 5 | 64QAM | 1 | 24 | 21.01 | 21.02 | 20.98 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.15 | 20.07 | 21.2 | 3 |
| 5 | 64QAM | 12 | 7 | 19.82 | 20.02 | 19.87 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.04 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.20 | 20.12 | | |

## Band 17 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.40 | 24.36 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.24 | 24.30 | 24.18 | | |
| 10 | QPSK | 1 | 49 | 24.11 | 24.26 | 24.18 | | |
| 10 | QPSK | 25 | 0 | 23.37 | 23.42 | 23.32 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.36 | 23.26 | | |
| 10 | QPSK | 25 | 25 | 23.31 | 23.40 | 23.34 | | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.36 | 23.32 | | |
| 10 | 16QAM | 1 | 0 | 23.35 | 23.41 | 23.35 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.23 | 23.28 | 23.18 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.25 | 23.14 | | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.35 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.32 | 22.22 | | |
| 10 | 16QAM | 25 | 25 | 22.31 | 22.41 | 22.34 | | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.42 | 22.36 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.46 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.30 | 22.21 | | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.29 | 22.19 | | |
| 10 | 64QAM | 25 | 0 | 21.40 | 21.45 | 21.38 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.38 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.39 | 21.29 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.27 | 24.37 | 24.26 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.20 | 24.24 | 24.15 | | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.12 | 24.11 | | |
| 5 | QPSK | 12 | 0 | 23.32 | 23.32 | 23.20 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.18 | 23.27 | 23.13 | | |
| 5 | QPSK | 12 | 13 | 23.24 | 23.26 | 23.23 | | |
| 5 | QPSK | 25 | 0 | 23.23 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.34 | 23.25 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.17 | 23.05 | | |
| 5 | 16QAM | 1 | 24 | 23.01 | 23.21 | 23.01 | | |
| 5 | 16QAM | 12 | 0 | 22.22 | 22.27 | 22.23 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.25 | 22.13 | | |
| 5 | 16QAM | 12 | 13 | 22.27 | 22.36 | 22.27 | | |
| 5 | 16QAM | 25 | 0 | 22.30 | 22.34 | 22.23 | | |
| 5 | 64QAM | 1 | 0 | 22.26 | 22.35 | 22.38 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.27 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.22 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.37 | 21.24 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.33 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.25 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.13 | 21.29 | 21.25 | | |

## Band 26 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.26 | 24.38 | 24.12 | 25.2 | 0 |
| 15 | QPSK | 1 | 37 | 24.04 | 24.16 | 24.04 | | |
| 15 | QPSK | 1 | 74 | 24.14 | 24.20 | 24.14 | | |
| 15 | QPSK | 36 | 0 | 23.06 | 23.21 | 23.13 | 24.2 | 1 |
| 15 | QPSK | 36 | 20 | 23.08 | 23.18 | 23.06 | | |
| 15 | QPSK | 36 | 39 | 22.97 | 23.12 | 23.05 | | |
| 15 | QPSK | 75 | 0 | 23.18 | 23.23 | 23.10 | | |
| 15 | 16QAM | 1 | 0 | 23.38 | 23.44 | 23.30 | 24.2 | 1 |
| 15 | 16QAM | 1 | 37 | 23.15 | 23.18 | 23.04 | | |
| 15 | 16QAM | 1 | 74 | 23.19 | 23.23 | 23.09 | | |
| 15 | 16QAM | 36 | 0 | 22.10 | 22.21 | 22.09 | 23.2 | 2 |
| 15 | 16QAM | 36 | 20 | 22.12 | 22.22 | 22.12 | | |
| 15 | 16QAM | 36 | 39 | 22.03 | 22.16 | 22.13 | | |
| 15 | 16QAM | 75 | 0 | 22.07 | 22.19 | 22.13 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.47 | 22.43 | 23.2 | 2 |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.21 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.29 | 22.15 | | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.25 | 21.16 | 22.2 | 3 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.13 | | |
| 15 | 64QAM | 36 | 39 | 21.15 | 21.22 | 21.16 | | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.14 | 21.04 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.14 | 24.30 | 24.09 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.98 | 24.07 | 23.97 | | |
| 10 | QPSK | 1 | 49 | 24.05 | 24.10 | 24.05 | | |
| 10 | QPSK | 25 | 0 | 22.98 | 23.15 | 23.01 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 22.93 | 23.13 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.89 | 23.07 | 22.95 | | |
| 10 | QPSK | 50 | 0 | 23.08 | 23.18 | 23.05 | | |
| 10 | 16QAM | 1 | 0 | 23.29 | 23.31 | 23.18 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.03 | 23.05 | 22.91 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.12 | 23.02 | | |
| 10 | 16QAM | 25 | 0 | 21.99 | 22.16 | 21.99 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.19 | 22.01 | | |
| 10 | 16QAM | 25 | 25 | 21.98 | 22.12 | 21.99 | | |
| 10 | 16QAM | 50 | 0 | 22.01 | 22.06 | 22.04 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.29 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.00 | 22.08 | 21.98 | | |
| 10 | 64QAM | 1 | 49 | 22.11 | 22.18 | 22.06 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.19 | 21.04 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 20.98 | 21.19 | 20.99 | | |
| 10 | 64QAM | 25 | 25 | 21.00 | 21.10 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 21.03 | 21.03 | 20.91 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.15 | 24.23 | 24.01 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.98 | 24.08 | 23.95 | | |
| 5 | QPSK | 1 | 24 | 24.02 | 24.09 | 24.09 | | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.09 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 22.93 | 23.05 | 23.00 | | |
| 5 | QPSK | 12 | 13 | 22.92 | 22.99 | 23.00 | | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.19 | 23.06 | | |
| 5 | 16QAM | 1 | 0 | 23.23 | 23.38 | 23.25 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.04 | 22.91 | | |
| 5 | 16QAM | 1 | 24 | 23.08 | 23.09 | 23.00 | | |
| 5 | 16QAM | 12 | 0 | 22.07 | 22.12 | 21.95 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.09 | 22.02 | | |
| 5 | 16QAM | 12 | 13 | 21.96 | 22.11 | 22.07 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 22.15 | 22.06 | | |
| 5 | 64QAM | 1 | 0 | 22.34 | 22.36 | 22.29 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.04 | 22.09 | 22.02 | | |
| 5 | 64QAM | 1 | 24 | 22.11 | 22.24 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.11 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.17 | 21.10 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.05 | 20.91 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.13 | 24.35 | 24.09 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 23.92 | 24.11 | 23.97 | | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.06 | 24.02 | | |
| 3 | QPSK | 8 | 0 | 22.96 | 23.16 | 23.07 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.06 | 22.95 | | |
| 3 | QPSK | 8 | 7 | 22.93 | 23.00 | 22.99 | | |
| 3 | QPSK | 15 | 0 | 23.10 | 23.18 | 23.07 | | |
| 3 | 16QAM | 1 | 0 | 23.29 | 23.34 | 23.24 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.14 | 22.97 | | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.16 | 22.95 | | |
| 3 | 16QAM | 8 | 0 | 22.05 | 22.15 | 21.96 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.09 | 22.02 | | |
| 3 | 16QAM | 8 | 7 | 21.98 | 22.02 | 22.07 | | |
| 3 | 16QAM | 15 | 0 | 21.92 | 22.15 | 22.03 | | |
| 3 | 64QAM | 1 | 0 | 22.32 | 22.32 | 22.36 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.03 | 22.13 | 22.01 | | |
| 3 | 64QAM | 1 | 14 | 22.09 | 22.18 | 22.11 | | |
| 3 | 64QAM | 8 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.05 | 21.18 | 21.02 | | |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.16 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.07 | 21.08 | 20.93 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.14 | 24.26 | 23.98 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.96 | 24.03 | 24.00 | | |
| 1.4 | QPSK | 1 | 5 | 24.10 | 24.16 | 24.02 | | |
| 1.4 | QPSK | 3 | 0 | 23.95 | 24.15 | 24.06 | | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.08 | 23.90 | | |
| 1.4 | QPSK | 3 | 3 | 23.87 | 24.06 | 23.91 | | |
| 1.4 | QPSK | 6 | 0 | 23.10 | 23.09 | 23.00 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.27 | 23.34 | 23.18 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.06 | 23.03 | 22.92 | | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.18 | 22.95 | | |
| 1.4 | 16QAM | 3 | 0 | 23.03 | 23.06 | 23.02 | | |
| 1.4 | 16QAM | 3 | 1 | 23.05 | 23.13 | 23.04 | | |
| 1.4 | 16QAM | 3 | 3 | 22.89 | 22.99 | 23.08 | | |
| 1.4 | 16QAM | 6 | 0 | 22.00 | 22.14 | 22.09 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.26 | 22.36 | 22.32 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.95 | 22.15 | 22.04 | | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.23 | 22.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.16 | 22.03 | | |
| 1.4 | 64QAM | 3 | 1 | 21.97 | 22.15 | 22.00 | | |
| 1.4 | 64QAM | 3 | 3 | 22.09 | 22.16 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 21.09 | 20.92 | 22.2 | 3 |

## Band 7 ENDC Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.13 | 23.06 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 22.83 | 22.98 | 22.87 | | |
| 20 | QPSK | 1 | 99 | 22.98 | 23.07 | 22.96 | | |
| 20 | QPSK | 50 | 0 | 22.58 | 22.64 | 22.50 | 23.7 | 1 |
| 20 | QPSK | 50 | 24 | 22.53 | 22.58 | 22.44 | | |
| 20 | QPSK | 50 | 50 | 22.45 | 22.57 | 22.51 | | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.61 | 22.49 | | |
| 20 | 16QAM | 1 | 0 | 22.56 | 22.66 | 22.59 | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 22.45 | 22.58 | 22.43 | | |
| 20 | 16QAM | 1 | 99 | 22.50 | 22.64 | 22.60 | | |
| 20 | 16QAM | 50 | 0 | 21.55 | 21.66 | 21.56 | 22.7 | 2 |
| 20 | 16QAM | 50 | 24 | 21.54 | 21.63 | 21.55 | | |
| 20 | 16QAM | 50 | 50 | 21.60 | 21.74 | 21.66 | | |
| 20 | 16QAM | 100 | 0 | 21.45 | 21.59 | 21.54 | | |
| 20 | 64QAM | 1 | 0 | 21.64 | 21.74 | 21.65 | 22.7 | 2 |
| 20 | 64QAM | 1 | 49 | 21.52 | 21.66 | 21.58 | | |
| 20 | 64QAM | 1 | 99 | 21.67 | 21.78 | 21.74 | | |
| 20 | 64QAM | 50 | 0 | 20.64 | 20.68 | 20.62 | 21.7 | 3 |
| 20 | 64QAM | 50 | 24 | 20.60 | 20.66 | 20.60 | | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.73 | 20.66 | | |
| 20 | 64QAM | 100 | 0 | 20.56 | 20.60 | 20.48 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 23.02 | 23.08 | 22.99 | 24.7 | 0 |
| 15 | QPSK | 1 | 37 | 22.78 | 22.93 | 22.73 | | |
| 15 | QPSK | 1 | 74 | 22.91 | 22.96 | 22.83 | | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.56 | 22.36 | 23.7 | 1 |
| 15 | QPSK | 36 | 20 | 22.43 | 22.52 | 22.39 | | |
| 15 | QPSK | 36 | 39 | 22.42 | 22.48 | 22.43 | | |
| 15 | QPSK | 75 | 0 | 22.46 | 22.46 | 22.37 | | |
| 15 | 16QAM | 1 | 0 | 22.53 | 22.53 | 22.51 | 23.7 | 1 |
| 15 | 16QAM | 1 | 37 | 22.32 | 22.47 | 22.38 | | |
| 15 | 16QAM | 1 | 74 | 22.37 | 22.51 | 22.51 | | |
| 15 | 16QAM | 36 | 0 | 21.42 | 21.61 | 21.53 | 22.7 | 2 |
| 15 | 16QAM | 36 | 20 | 21.40 | 21.50 | 21.47 | | |
| 15 | 16QAM | 36 | 39 | 21.56 | 21.59 | 21.62 | | |
| 15 | 16QAM | 75 | 0 | 21.33 | 21.49 | 21.47 | | |
| 15 | 64QAM | 1 | 0 | 21.54 | 21.60 | 21.55 | 22.7 | 2 |
| 15 | 64QAM | 1 | 37 | 21.43 | 21.57 | 21.52 | | |
| 15 | 64QAM | 1 | 74 | 21.56 | 21.67 | 21.69 | | |
| 15 | 64QAM | 36 | 0 | 20.51 | 20.64 | 20.59 | 21.7 | 3 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.55 | 20.49 | | |
| 15 | 64QAM | 36 | 39 | 20.55 | 20.65 | 20.52 | | |
| 15 | 64QAM | 75 | 0 | 20.50 | 20.50 | 20.36 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 23.05 | 23.06 | 23.01 | 24.7 | 0 |
| 10 | QPSK | 1 | 25 | 22.71 | 22.85 | 22.74 | | |
| 10 | QPSK | 1 | 49 | 22.93 | 23.03 | 22.81 | | |
| 10 | QPSK | 25 | 0 | 22.54 | 22.50 | 22.44 | 23.7 | 1 |
| 10 | QPSK | 25 | 12 | 22.44 | 22.49 | 22.33 | | |
| 10 | QPSK | 25 | 25 | 22.36 | 22.42 | 22.43 | | |
| 10 | QPSK | 50 | 0 | 22.41 | 22.51 | 22.45 | | |
| 10 | 16QAM | 1 | 0 | 22.45 | 22.53 | 22.54 | 23.7 | 1 |
| 10 | 16QAM | 1 | 25 | 22.39 | 22.46 | 22.39 | | |
| 10 | 16QAM | 1 | 49 | 22.45 | 22.52 | 22.53 | | |
| 10 | 16QAM | 25 | 0 | 21.48 | 21.60 | 21.49 | 22.7 | 2 |
| 10 | 16QAM | 25 | 12 | 21.44 | 21.53 | 21.50 | | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.70 | 21.52 | | |
| 10 | 16QAM | 50 | 0 | 21.31 | 21.49 | 21.47 | | |
| 10 | 64QAM | 1 | 0 | 21.54 | 21.69 | 21.59 | 22.7 | 2 |
| 10 | 64QAM | 1 | 25 | 21.47 | 21.57 | 21.52 | | |
| 10 | 64QAM | 1 | 49 | 21.54 | 21.68 | 21.65 | | |
| 10 | 64QAM | 25 | 0 | 20.52 | 20.58 | 20.53 | 21.7 | 3 |
| 10 | 64QAM | 25 | 12 | 20.48 | 20.52 | 20.46 | | |
| 10 | 64QAM | 25 | 25 | 20.54 | 20.63 | 20.52 | | |
| 10 | 64QAM | 50 | 0 | 20.48 | 20.45 | 20.39 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 23.04 | 23.02 | 23.03 | 24.7 | 0 |
| 5 | QPSK | 1 | 12 | 22.69 | 22.94 | 22.72 | | |
| 5 | QPSK | 1 | 24 | 22.90 | 23.00 | 22.84 | | |
| 5 | QPSK | 12 | 0 | 22.46 | 22.52 | 22.43 | 23.7 | 1 |
| 5 | QPSK | 12 | 7 | 22.44 | 22.54 | 22.38 | | |
| 5 | QPSK | 12 | 13 | 22.42 | 22.53 | 22.45 | | |
| 5 | QPSK | 25 | 0 | 22.45 | 22.51 | 22.35 | | |
| 5 | 16QAM | 1 | 0 | 22.51 | 22.54 | 22.52 | 23.7 | 1 |
| 5 | 16QAM | 1 | 12 | 22.32 | 22.54 | 22.38 | | |
| 5 | 16QAM | 1 | 24 | 22.42 | 22.52 | 22.56 | | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.51 | 21.41 | 22.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.47 | 21.57 | 21.47 | | |
| 5 | 16QAM | 12 | 13 | 21.51 | 21.69 | 21.54 | | |
| 5 | 16QAM | 25 | 0 | 21.35 | 21.53 | 21.41 | | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.61 | 21.54 | 22.7 | 2 |
| 5 | 64QAM | 1 | 12 | 21.39 | 21.54 | 21.45 | | |
| 5 | 64QAM | 1 | 24 | 21.57 | 21.70 | 21.63 | | |
| 5 | 64QAM | 12 | 0 | 20.60 | 20.57 | 20.59 | 21.7 | 3 |
| 5 | 64QAM | 12 | 7 | 20.45 | 20.53 | 20.48 | | |
| 5 | 64QAM | 12 | 13 | 20.56 | 20.70 | 20.56 | | |
| 5 | 64QAM | 25 | 0 | 20.47 | 20.57 | 20.37 | | |

| | GSM1900 Ant6 Default | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 | 28.70 | 28.76 | 28.72 | 30.30 | 19.70 | 19.76 | 19.72 | 21.30 |
| GPRS 1 Tx slot | 28.42 | 28.60 | 28.43 | 30.30 | 19.42 | 19.60 | 19.43 | 21.30 |
| GPRS 2 Tx slots | 25.54 | 25.63 | 25.38 | 27.30 | 19.54 | 19.63 | 19.38 | 21.30 |
| GPRS 3 Tx slots | 23.70 | 23.69 | 23.51 | 25.50 | 19.44 | 19.43 | 19.25 | 21.24 |
| GPRS 4 Tx slots | 22.54 | 22.57 | 22.45 | 24.30 | 19.54 | 19.57 | 19.45 | 21.30 |
| EDGE 1 Tx slot | 25.56 | 25.34 | 25.38 | 27.00 | 16.56 | 16.34 | 16.38 | 18.00 |
| EDGE 2 Tx slots | 22.36 | 22.16 | 22.22 | 24.00 | 16.36 | 16.16 | 16.22 | 18.00 |
| EDGE 3 Tx slots | 20.48 | 20.34 | 20.44 | 22.20 | 16.22 | 16.08 | 16.18 | 17.94 |
| EDGE 4 Tx slots | 19.32 | 19.11 | 19.19 | 21.00 | 16.32 | 16.11 | 16.19 | 18.00 |

| | | WCDMA II Ant6 Default | | | | WCDMA IV Ant6 Default | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 23.18 | 23.34 | 23.32 | 24.40 | 23.38 | 23.41 | 23.33 | 24.40 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.35 | 23.52 | 23.40 | 24.40 | 23.42 | 23.54 | 23.46 | 24.40 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.66 | 22.60 | 22.33 | 23.60 | 22.57 | 22.50 | 22.33 | 23.40 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.61 | 22.65 | 22.37 | 23.60 | 22.37 | 22.53 | 22.61 | 23.40 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.87 | 21.89 | 21.53 | 22.90 | 22.09 | 22.05 | 21.90 | 22.90 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.78 | 21.91 | 22.05 | 22.90 | 22.28 | 22.31 | 22.20 | 22.90 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.70 | 22.76 | 22.71 | 23.60 | 22.41 | 22.53 | 22.57 | 23.40 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.27 | 22.38 | 22.36 | 23.60 | 22.48 | 22.52 | 22.40 | 23.40 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.78 | 21.86 | 21.51 | 22.90 | 21.92 | 22.06 | 22.18 | 22.90 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 21.78 | 21.73 | 21.51 | 22.90 | 22.03 | 22.04 | 21.87 | 22.90 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.42 | 22.61 | 22.40 | 23.60 | 22.47 | 22.61 | 22.74 | 23.40 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.22 | 19.32 | 19.35 | 20.40 | 20.63 | 20.62 | 20.65 | 21.40 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.16 | 20.41 | 20.32 | 21.40 | 21.43 | 21.63 | 21.32 | 22.40 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.46 | 19.22 | 19.27 | 20.40 | 20.39 | 20.47 | 20.35 | 21.40 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.27 | 22.63 | 22.58 | 23.60 | 22.36 | 22.69 | 22.66 | 23.40 |

## Band 2 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 23.09 | 23.18 | 23.05 | 24.4 | 0 |
| 20 | QPSK | 1 | 49 | 22.98 | 23.03 | 23.04 | | |
| 20 | QPSK | 1 | 99 | 23.03 | 22.99 | 23.07 | | |
| 20 | QPSK | 50 | 0 | 22.12 | 22.16 | 22.14 | 23.4 | 1 |
| 20 | QPSK | 50 | 24 | 21.95 | 22.07 | 21.97 | | |
| 20 | QPSK | 50 | 50 | 22.03 | 22.06 | 22.10 | | |
| 20 | QPSK | 100 | 0 | 21.98 | 22.06 | 22.02 | | |
| 20 | 16QAM | 1 | 0 | 22.05 | 22.13 | 22.05 | 23.4 | 1 |
| 20 | 16QAM | 1 | 49 | 21.91 | 22.04 | 21.99 | | |
| 20 | 16QAM | 1 | 99 | 22.07 | 21.96 | 22.05 | | |
| 20 | 16QAM | 50 | 0 | 21.09 | 21.18 | 21.09 | 22.4 | 2 |
| 20 | 16QAM | 50 | 24 | 21.02 | 21.13 | 21.02 | | |
| 20 | 16QAM | 50 | 50 | 20.99 | 21.07 | 21.09 | | |
| 20 | 16QAM | 100 | 0 | 21.02 | 21.10 | 21.08 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.07 | 20.98 | 22.4 | 2 |
| 20 | 64QAM | 1 | 49 | 20.88 | 21.00 | 20.99 | | |
| 20 | 64QAM | 1 | 99 | 21.06 | 20.96 | 21.01 | | |
| 20 | 64QAM | 50 | 0 | 20.06 | 20.14 | 20.16 | 21.4 | 3 |
| 20 | 64QAM | 50 | 24 | 19.94 | 20.06 | 19.99 | | |
| 20 | 64QAM | 50 | 50 | 20.04 | 20.01 | 20.06 | | |
| 20 | 64QAM | 100 | 0 | 19.98 | 20.06 | 20.08 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 23.06 | 23.11 | 23.01 | 24.4 | 0 |
| 15 | QPSK | 1 | 37 | 22.81 | 22.99 | 22.93 | | |
| 15 | QPSK | 1 | 74 | 22.99 | 22.85 | 22.90 | | |
| 15 | QPSK | 36 | 0 | 22.01 | 22.06 | 21.98 | 23.4 | 1 |
| 15 | QPSK | 36 | 20 | 21.82 | 21.97 | 21.80 | | |
| 15 | QPSK | 36 | 39 | 21.96 | 21.93 | 22.03 | | |
| 15 | QPSK | 75 | 0 | 21.83 | 21.92 | 21.99 | | |
| 15 | 16QAM | 1 | 0 | 22.02 | 22.05 | 21.89 | 23.4 | 1 |
| 15 | 16QAM | 1 | 37 | 21.84 | 21.93 | 21.95 | | |
| 15 | 16QAM | 1 | 74 | 22.03 | 21.93 | 22.02 | | |
| 15 | 16QAM | 36 | 0 | 20.98 | 21.05 | 21.01 | 22.4 | 2 |
| 15 | 16QAM | 36 | 20 | 20.87 | 21.11 | 20.92 | | |
| 15 | 16QAM | 36 | 39 | 20.91 | 20.94 | 20.95 | | |
| 15 | 16QAM | 75 | 0 | 20.91 | 20.94 | 20.90 | | |
| 15 | 64QAM | 1 | 0 | 20.90 | 20.93 | 20.84 | 22.4 | 2 |
| 15 | 64QAM | 1 | 37 | 20.74 | 20.97 | 20.85 | | |
| 15 | 64QAM | 1 | 74 | 21.03 | 20.82 | 20.84 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.99 | 20.06 | 21.4 | 3 |
| 15 | 64QAM | 36 | 20 | 19.85 | 20.03 | 19.85 | | |
| 15 | 64QAM | 36 | 39 | 19.91 | 19.88 | 19.97 | | |
| 15 | 64QAM | 75 | 0 | 19.83 | 20.04 | 20.00 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.09 | 23.01 | 24.4 | 0 |
| 10 | QPSK | 1 | 25 | 22.94 | 22.94 | 22.91 | | |
| 10 | QPSK | 1 | 49 | 22.92 | 22.83 | 22.96 | | |
| 10 | QPSK | 25 | 0 | 22.00 | 22.01 | 22.04 | 23.4 | 1 |
| 10 | QPSK | 25 | 12 | 21.90 | 21.91 | 21.86 | | |
| 10 | QPSK | 25 | 25 | 21.89 | 22.00 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 22.03 | 21.95 | | |
| 10 | 16QAM | 1 | 0 | 21.99 | 22.06 | 21.92 | 23.4 | 1 |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.89 | 21.90 | | |
| 10 | 16QAM | 1 | 49 | 21.92 | 21.87 | 21.98 | | |
| 10 | 16QAM | 25 | 0 | 20.97 | 21.01 | 21.05 | 22.4 | 2 |
| 10 | 16QAM | 25 | 12 | 20.95 | 21.02 | 20.88 | | |
| 10 | 16QAM | 25 | 25 | 20.96 | 20.95 | 20.92 | | |
| 10 | 16QAM | 50 | 0 | 20.90 | 20.96 | 20.98 | | |
| 10 | 64QAM | 1 | 0 | 20.87 | 21.01 | 20.84 | 22.4 | 2 |
| 10 | 64QAM | 1 | 25 | 20.73 | 20.92 | 20.94 | | |
| 10 | 64QAM | 1 | 49 | 21.04 | 20.81 | 20.85 | | |
| 10 | 64QAM | 25 | 0 | 19.90 | 20.00 | 20.06 | 21.4 | 3 |
| 10 | 64QAM | 25 | 12 | 19.86 | 19.98 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 19.93 | 19.84 | 20.02 | | |
| 10 | 64QAM | 50 | 0 | 19.92 | 19.91 | 19.99 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 23.06 | 23.08 | 23.02 | 24.4 | 0 |
| 5 | QPSK | 1 | 12 | 22.80 | 22.95 | 22.94 | | |
| 5 | QPSK | 1 | 24 | 22.97 | 22.96 | 22.95 | | |
| 5 | QPSK | 12 | 0 | 21.99 | 22.02 | 22.08 | 23.4 | 1 |
| 5 | QPSK | 12 | 7 | 21.91 | 21.98 | 21.82 | | |
| 5 | QPSK | 12 | 13 | 21.98 | 22.00 | 21.95 | | |
| 5 | QPSK | 25 | 0 | 21.85 | 22.03 | 21.95 | | |
| 5 | 16QAM | 1 | 0 | 22.03 | 22.05 | 21.90 | 23.4 | 1 |
| 5 | 16QAM | 1 | 12 | 21.74 | 21.86 | 21.91 | | |
| 5 | 16QAM | 1 | 24 | 21.98 | 21.94 | 21.93 | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.01 | 21.02 | 22.4 | 2 |
| 5 | 16QAM | 12 | 7 | 21.00 | 21.02 | 20.92 | | |
| 5 | 16QAM | 12 | 13 | 20.93 | 20.98 | 20.94 | | |
| 5 | 16QAM | 25 | 0 | 20.84 | 21.06 | 21.06 | | |
| 5 | 64QAM | 1 | 0 | 20.96 | 21.01 | 20.93 | 22.4 | 2 |
| 5 | 64QAM | 1 | 12 | 20.79 | 20.97 | 20.89 | | |
| 5 | 64QAM | 1 | 24 | 20.96 | 20.85 | 20.97 | | |
| 5 | 64QAM | 12 | 0 | 20.01 | 20.02 | 20.01 | 21.4 | 3 |
| 5 | 64QAM | 12 | 7 | 19.83 | 19.94 | 19.83 | | |
| 5 | 64QAM | 12 | 13 | 19.88 | 19.90 | 19.99 | | |
| 5 | 64QAM | 25 | 0 | 19.95 | 19.97 | 19.90 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.96 | 23.07 | 23.01 | 24.4 | 0 |
| 3 | QPSK | 1 | 8 | 22.81 | 22.96 | 22.89 | | |
| 3 | QPSK | 1 | 14 | 22.85 | 22.88 | 23.00 | | |
| 3 | QPSK | 8 | 0 | 21.97 | 22.02 | 22.02 | 23.4 | 1 |
| 3 | QPSK | 8 | 4 | 21.79 | 21.94 | 21.94 | | |
| 3 | QPSK | 8 | 7 | 21.97 | 22.00 | 22.02 | | |
| 3 | QPSK | 15 | 0 | 21.91 | 21.93 | 21.98 | | |
| 3 | 16QAM | 1 | 0 | 22.00 | 22.07 | 21.92 | 23.4 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.91 | 21.81 | | |
| 3 | 16QAM | 1 | 14 | 22.00 | 21.87 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 21.00 | 21.13 | 21.05 | 22.4 | 2 |
| 3 | 16QAM | 8 | 4 | 20.84 | 21.09 | 20.95 | | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.94 | 21.06 | | |
| 3 | 16QAM | 15 | 0 | 21.00 | 20.97 | 20.92 | | |
| 3 | 64QAM | 1 | 0 | 20.90 | 20.91 | 20.92 | 22.4 | 2 |
| 3 | 64QAM | 1 | 8 | 20.71 | 20.96 | 20.85 | | |
| 3 | 64QAM | 1 | 14 | 20.94 | 20.92 | 20.96 | | |
| 3 | 64QAM | 8 | 0 | 19.99 | 20.02 | 20.07 | 21.4 | 3 |
| 3 | 64QAM | 8 | 4 | 19.88 | 19.88 | 19.88 | | |
| 3 | 64QAM | 8 | 7 | 19.90 | 19.97 | 19.96 | | |
| 3 | 64QAM | 15 | 0 | 19.81 | 19.97 | 19.96 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.06 | 23.04 | 22.87 | 24.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.83 | 22.89 | 22.92 | | |
| 1.4 | QPSK | 1 | 5 | 22.89 | 22.96 | 22.99 | | |
| 1.4 | QPSK | 3 | 0 | 22.96 | 23.08 | 22.96 | | |
| 1.4 | QPSK | 3 | 1 | 22.82 | 22.94 | 22.91 | | |
| 1.4 | QPSK | 3 | 3 | 22.87 | 22.98 | 22.96 | | |
| 1.4 | QPSK | 6 | 0 | 21.92 | 21.97 | 21.89 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.96 | 22.00 | 21.93 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.86 | 21.96 | 21.84 | | |
| 1.4 | 16QAM | 1 | 5 | 22.04 | 21.83 | 22.02 | | |
| 1.4 | 16QAM | 3 | 0 | 21.92 | 22.07 | 22.05 | | |
| 1.4 | 16QAM | 3 | 1 | 21.91 | 21.95 | 21.99 | | |
| 1.4 | 16QAM | 3 | 3 | 21.88 | 21.97 | 21.96 | | |
| 1.4 | 16QAM | 6 | 0 | 20.85 | 20.98 | 20.93 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.95 | 20.96 | 20.94 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.79 | 20.93 | 20.96 | | |
| 1.4 | 64QAM | 1 | 5 | 20.91 | 20.86 | 20.84 | | |
| 1.4 | 64QAM | 3 | 0 | 20.91 | 20.96 | 21.03 | | |
| 1.4 | 64QAM | 3 | 1 | 20.90 | 21.01 | 20.87 | | |
| 1.4 | 64QAM | 3 | 3 | 21.01 | 20.83 | 20.99 | | |
| 1.4 | 64QAM | 6 | 0 | 19.87 | 20.01 | 20.05 | 21.4 | 3 |

## Band 4 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.08 | 23.25 | 23.12 | 24.4 | 0 |
| 20 | QPSK | 1 | 49 | 23.01 | 23.11 | 23.06 | | |
| 20 | QPSK | 1 | 99 | 23.09 | 23.18 | 23.00 | | |
| 20 | QPSK | 50 | 0 | 22.17 | 22.23 | 22.09 | 23.4 | 1 |
| 20 | QPSK | 50 | 24 | 22.00 | 22.10 | 22.05 | | |
| 20 | QPSK | 50 | 50 | 22.05 | 22.15 | 22.07 | | |
| 20 | QPSK | 100 | 0 | 22.07 | 22.19 | 22.09 | | |
| 20 | 16QAM | 1 | 0 | 22.26 | 22.36 | 22.33 | 23.4 | 1 |
| 20 | 16QAM | 1 | 49 | 22.21 | 22.32 | 22.23 | | |
| 20 | 16QAM | 1 | 99 | 22.22 | 22.25 | 22.18 | | |
| 20 | 16QAM | 50 | 0 | 21.17 | 21.24 | 21.18 | 22.4 | 2 |
| 20 | 16QAM | 50 | 24 | 21.08 | 21.21 | 21.09 | | |
| 20 | 16QAM | 50 | 50 | 21.05 | 21.17 | 21.13 | | |
| 20 | 16QAM | 100 | 0 | 21.13 | 21.19 | 21.11 | | |
| 20 | 64QAM | 1 | 0 | 21.22 | 21.31 | 21.26 | 22.4 | 2 |
| 20 | 64QAM | 1 | 49 | 21.20 | 21.26 | 21.22 | | |
| 20 | 64QAM | 1 | 99 | 21.15 | 21.23 | 21.14 | | |
| 20 | 64QAM | 50 | 0 | 19.99 | 20.14 | 20.08 | 21.4 | 3 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.23 | 20.18 | | |
| 20 | 64QAM | 50 | 50 | 20.07 | 20.11 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 20.01 | 20.10 | 20.00 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.04 | 23.16 | 22.99 | 24.4 | 0 |
| 15 | QPSK | 1 | 37 | 22.96 | 22.96 | 22.99 | | |
| 15 | QPSK | 1 | 74 | 22.98 | 23.11 | 22.86 | | |
| 15 | QPSK | 36 | 0 | 22.07 | 22.10 | 21.99 | 23.4 | 1 |
| 15 | QPSK | 36 | 20 | 21.88 | 21.99 | 21.91 | | |
| 15 | QPSK | 36 | 39 | 21.93 | 22.07 | 22.03 | | |
| 15 | QPSK | 75 | 0 | 21.92 | 22.02 | 22.03 | | |
| 15 | 16QAM | 1 | 0 | 22.12 | 22.20 | 22.23 | 23.4 | 1 |
| 15 | 16QAM | 1 | 37 | 22.15 | 22.18 | 22.08 | | |
| 15 | 16QAM | 1 | 74 | 22.16 | 22.09 | 22.03 | | |
| 15 | 16QAM | 36 | 0 | 21.02 | 21.20 | 21.13 | 22.4 | 2 |
| 15 | 16QAM | 36 | 20 | 21.00 | 21.16 | 20.91 | | |
| 15 | 16QAM | 36 | 39 | 20.99 | 21.14 | 21.11 | | |
| 15 | 16QAM | 75 | 0 | 20.99 | 21.09 | 21.06 | | |
| 15 | 64QAM | 1 | 0 | 21.06 | 21.19 | 21.24 | 22.4 | 2 |
| 15 | 64QAM | 1 | 37 | 21.06 | 21.14 | 21.10 | | |
| 15 | 64QAM | 1 | 74 | 21.08 | 21.20 | 21.10 | | |
| 15 | 64QAM | 36 | 0 | 19.83 | 20.09 | 20.06 | 21.4 | 3 |
| 15 | 64QAM | 36 | 20 | 20.09 | 20.10 | 20.11 | | |
| 15 | 64QAM | 36 | 39 | 20.03 | 19.96 | 19.84 | | |
| 15 | 64QAM | 75 | 0 | 19.84 | 19.93 | 19.83 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.91 | 23.23 | 23.06 | 24.4 | 0 |
| 10 | QPSK | 1 | 25 | 22.99 | 22.94 | 22.89 | | |
| 10 | QPSK | 1 | 49 | 23.02 | 23.04 | 22.93 | | |
| 10 | QPSK | 25 | 0 | 22.10 | 22.06 | 22.06 | 23.4 | 1 |
| 10 | QPSK | 25 | 12 | 21.96 | 22.02 | 21.96 | | |
| 10 | QPSK | 25 | 25 | 22.00 | 22.05 | 22.02 | | |
| 10 | QPSK | 50 | 0 | 21.90 | 22.06 | 21.99 | | |
| 10 | 16QAM | 1 | 0 | 22.11 | 22.25 | 22.23 | 23.4 | 1 |
| 10 | 16QAM | 1 | 25 | 22.10 | 22.25 | 22.11 | | |
| 10 | 16QAM | 1 | 49 | 22.15 | 22.13 | 22.09 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.07 | 21.08 | 22.4 | 2 |
| 10 | 16QAM | 25 | 12 | 20.91 | 21.14 | 21.03 | | |
| 10 | 16QAM | 25 | 25 | 21.00 | 21.06 | 21.02 | | |
| 10 | 16QAM | 50 | 0 | 21.11 | 21.15 | 21.08 | | |
| 10 | 64QAM | 1 | 0 | 21.12 | 21.26 | 21.15 | 22.4 | 2 |
| 10 | 64QAM | 1 | 25 | 21.16 | 21.14 | 21.12 | | |
| 10 | 64QAM | 1 | 49 | 21.07 | 21.06 | 20.96 | | |
| 10 | 64QAM | 25 | 0 | 19.91 | 20.10 | 19.94 | 21.4 | 3 |
| 10 | 64QAM | 25 | 12 | 20.05 | 20.17 | 20.03 | | |
| 10 | 64QAM | 25 | 25 | 19.90 | 19.97 | 19.84 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 20.05 | 19.93 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 23.03 | 23.18 | 22.96 | 24.4 | 0 |
| 5 | QPSK | 1 | 12 | 22.91 | 23.02 | 22.90 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 23.09 | 22.92 | | |
| 5 | QPSK | 12 | 0 | 22.01 | 22.10 | 21.93 | 23.4 | 1 |
| 5 | QPSK | 12 | 7 | 21.88 | 21.93 | 21.99 | | |
| 5 | QPSK | 12 | 13 | 22.02 | 21.98 | 22.03 | | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.07 | 22.00 | | |
| 5 | 16QAM | 1 | 0 | 22.15 | 22.24 | 22.25 | 23.4 | 1 |
| 5 | 16QAM | 1 | 12 | 22.10 | 22.24 | 22.17 | | |
| 5 | 16QAM | 1 | 24 | 22.08 | 22.12 | 22.12 | | |
| 5 | 16QAM | 12 | 0 | 21.09 | 21.17 | 21.06 | 22.4 | 2 |
| 5 | 16QAM | 12 | 7 | 21.04 | 21.11 | 21.07 | | |
| 5 | 16QAM | 12 | 13 | 21.02 | 21.03 | 20.96 | | |
| 5 | 16QAM | 25 | 0 | 21.01 | 21.13 | 20.93 | | |
| 5 | 64QAM | 1 | 0 | 21.17 | 21.18 | 21.21 | 22.4 | 2 |
| 5 | 64QAM | 1 | 12 | 21.11 | 21.19 | 21.06 | | |
| 5 | 64QAM | 1 | 24 | 21.10 | 21.12 | 20.98 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 20.06 | 19.98 | 21.4 | 3 |
| 5 | 64QAM | 12 | 7 | 20.10 | 20.05 | 20.13 | | |
| 5 | 64QAM | 12 | 13 | 19.98 | 20.06 | 19.94 | | |
| 5 | 64QAM | 25 | 0 | 19.88 | 20.07 | 19.87 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.94 | 23.09 | 23.09 | 24.4 | 0 |
| 3 | QPSK | 1 | 8 | 22.87 | 23.00 | 22.93 | | |
| 3 | QPSK | 1 | 14 | 23.07 | 23.05 | 22.96 | | |
| 3 | QPSK | 8 | 0 | 22.02 | 22.16 | 21.92 | 23.4 | 1 |
| 3 | QPSK | 8 | 4 | 21.93 | 22.06 | 21.98 | | |
| 3 | QPSK | 8 | 7 | 21.99 | 22.07 | 21.94 | | |
| 3 | QPSK | 15 | 0 | 22.01 | 22.12 | 21.97 | | |
| 3 | 16QAM | 1 | 0 | 22.21 | 22.29 | 22.18 | 23.4 | 1 |
| 3 | 16QAM | 1 | 8 | 22.03 | 22.15 | 22.16 | | |
| 3 | 16QAM | 1 | 14 | 22.07 | 22.22 | 22.08 | | |
| 3 | 16QAM | 8 | 0 | 21.07 | 21.18 | 21.04 | 22.4 | 2 |
| 3 | 16QAM | 8 | 4 | 20.95 | 21.16 | 20.93 | | |
| 3 | 16QAM | 8 | 7 | 21.01 | 21.00 | 20.99 | | |
| 3 | 16QAM | 15 | 0 | 21.10 | 21.03 | 21.08 | | |
| 3 | 64QAM | 1 | 0 | 21.19 | 21.21 | 21.11 | 22.4 | 2 |
| 3 | 64QAM | 1 | 8 | 21.09 | 21.21 | 21.16 | | |
| 3 | 64QAM | 1 | 14 | 21.02 | 21.08 | 20.98 | | |
| 3 | 64QAM | 8 | 0 | 19.91 | 20.00 | 19.90 | 21.4 | 3 |
| 3 | 64QAM | 8 | 4 | 20.04 | 20.12 | 20.01 | | |
| 3 | 64QAM | 8 | 7 | 19.99 | 20.08 | 19.89 | | |
| 3 | 64QAM | 15 | 0 | 19.89 | 20.06 | 19.96 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.05 | 23.22 | 22.96 | 24.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.95 | 23.00 | 22.97 | | |
| 1.4 | QPSK | 1 | 5 | 22.95 | 23.09 | 22.92 | | |
| 1.4 | QPSK | 3 | 0 | 23.14 | 23.17 | 22.93 | | |
| 1.4 | QPSK | 3 | 1 | 22.84 | 23.02 | 22.91 | | |
| 1.4 | QPSK | 3 | 3 | 22.94 | 22.98 | 22.91 | | |
| 1.4 | QPSK | 6 | 0 | 21.97 | 22.04 | 21.99 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.21 | 22.26 | 22.21 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.12 | 22.25 | 22.21 | | |
| 1.4 | 16QAM | 1 | 5 | 22.19 | 22.16 | 22.01 | | |
| 1.4 | 16QAM | 3 | 0 | 22.13 | 22.07 | 22.06 | | |
| 1.4 | 16QAM | 3 | 1 | 21.95 | 22.06 | 21.97 | | |
| 1.4 | 16QAM | 3 | 3 | 21.98 | 22.01 | 22.04 | | |
| 1.4 | 16QAM | 6 | 0 | 21.02 | 21.02 | 21.09 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.18 | 21.13 | 21.14 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.11 | 21.22 | 21.12 | | |
| 1.4 | 64QAM | 1 | 5 | 21.07 | 21.20 | 21.00 | | |
| 1.4 | 64QAM | 3 | 0 | 20.95 | 20.96 | 20.95 | | |
| 1.4 | 64QAM | 3 | 1 | 20.96 | 21.09 | 21.07 | | |
| 1.4 | 64QAM | 3 | 3 | 20.90 | 21.04 | 20.95 | | |
| 1.4 | 64QAM | 6 | 0 | 19.95 | 19.95 | 19.92 | 21.4 | 3 |

## Band 7 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 22.41 | 22.49 | 22.45 | 23.7 | 0 |
| 20 | QPSK | 1 | 49 | 22.43 | 22.47 | 22.41 | | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.44 | 22.34 | | |
| 20 | QPSK | 50 | 0 | 21.33 | 21.53 | 21.38 | 22.7 | 1 |
| 20 | QPSK | 50 | 24 | 21.37 | 21.49 | 21.49 | | |
| 20 | QPSK | 50 | 50 | 21.32 | 21.42 | 21.37 | | |
| 20 | QPSK | 100 | 0 | 21.43 | 21.55 | 21.48 | | |
| 20 | 16QAM | 1 | 0 | 21.47 | 21.45 | 21.37 | 22.7 | 1 |
| 20 | 16QAM | 1 | 49 | 21.43 | 21.47 | 21.40 | | |
| 20 | 16QAM | 1 | 99 | 21.32 | 21.42 | 21.30 | | |
| 20 | 16QAM | 50 | 0 | 20.29 | 20.52 | 20.40 | 21.7 | 2 |
| 20 | 16QAM | 50 | 24 | 20.44 | 20.45 | 20.54 | | |
| 20 | 16QAM | 50 | 50 | 20.33 | 20.43 | 20.31 | | |
| 20 | 16QAM | 100 | 0 | 20.43 | 20.55 | 20.48 | | |
| 20 | 64QAM | 1 | 0 | 20.47 | 20.42 | 20.38 | 21.7 | 2 |
| 20 | 64QAM | 1 | 49 | 20.44 | 20.43 | 20.36 | | |
| 20 | 64QAM | 1 | 99 | 20.36 | 20.44 | 20.28 | | |
| 20 | 64QAM | 50 | 0 | 19.31 | 19.46 | 19.47 | 20.7 | 3 |
| 20 | 64QAM | 50 | 24 | 19.47 | 19.48 | 19.47 | | |
| 20 | 64QAM | 50 | 50 | 19.27 | 19.49 | 19.30 | | |
| 20 | 64QAM | 100 | 0 | 19.38 | 19.56 | 19.54 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.34 | 22.40 | 22.32 | 23.7 | 0 |
| 15 | QPSK | 1 | 37 | 22.27 | 22.43 | 22.30 | | |
| 15 | QPSK | 1 | 74 | 22.26 | 22.38 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 21.22 | 21.48 | 21.25 | 22.7 | 1 |
| 15 | QPSK | 36 | 20 | 21.27 | 21.45 | 21.44 | | |
| 15 | QPSK | 36 | 39 | 21.16 | 21.25 | 21.35 | | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.38 | 21.32 | | |
| 15 | 16QAM | 1 | 0 | 21.35 | 21.28 | 21.33 | 22.7 | 1 |
| 15 | 16QAM | 1 | 37 | 21.39 | 21.38 | 21.27 | | |
| 15 | 16QAM | 1 | 74 | 21.24 | 21.35 | 21.27 | | |
| 15 | 16QAM | 36 | 0 | 20.16 | 20.42 | 20.28 | 21.7 | 2 |
| 15 | 16QAM | 36 | 20 | 20.31 | 20.30 | 20.40 | | |
| 15 | 16QAM | 36 | 39 | 20.19 | 20.31 | 20.22 | | |
| 15 | 16QAM | 75 | 0 | 20.27 | 20.40 | 20.35 | | |
| 15 | 64QAM | 1 | 0 | 20.39 | 20.30 | 20.27 | 21.7 | 2 |
| 15 | 64QAM | 1 | 37 | 20.28 | 20.32 | 20.27 | | |
| 15 | 64QAM | 1 | 74 | 20.33 | 20.34 | 20.25 | | |
| 15 | 64QAM | 36 | 0 | 19.13 | 19.28 | 19.29 | 20.7 | 3 |
| 15 | 64QAM | 36 | 20 | 19.40 | 19.33 | 19.34 | | |
| 15 | 64QAM | 36 | 39 | 19.12 | 19.39 | 19.20 | | |
| 15 | 64QAM | 75 | 0 | 19.26 | 19.41 | 19.42 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.29 | 22.38 | 22.38 | 23.7 | 0 |
| 10 | QPSK | 1 | 25 | 22.32 | 22.42 | 22.28 | | |
| 10 | QPSK | 1 | 49 | 22.30 | 22.42 | 22.20 | | |
| 10 | QPSK | 25 | 0 | 21.20 | 21.49 | 21.29 | 22.7 | 1 |
| 10 | QPSK | 25 | 12 | 21.25 | 21.46 | 21.44 | | |
| 10 | QPSK | 25 | 25 | 21.26 | 21.29 | 21.24 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.38 | 21.42 | | |
| 10 | 16QAM | 1 | 0 | 21.37 | 21.35 | 21.32 | 22.7 | 1 |
| 10 | 16QAM | 1 | 25 | 21.25 | 21.33 | 21.22 | | |
| 10 | 16QAM | 1 | 49 | 21.22 | 21.34 | 21.16 | | |
| 10 | 16QAM | 25 | 0 | 20.21 | 20.36 | 20.30 | 21.7 | 2 |
| 10 | 16QAM | 25 | 12 | 20.27 | 20.36 | 20.47 | | |
| 10 | 16QAM | 25 | 25 | 20.16 | 20.31 | 20.20 | | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.45 | 20.33 | | |
| 10 | 64QAM | 1 | 0 | 20.31 | 20.26 | 20.29 | 21.7 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.31 | 20.27 | | |
| 10 | 64QAM | 1 | 49 | 20.25 | 20.28 | 20.18 | | |
| 10 | 64QAM | 25 | 0 | 19.22 | 19.31 | 19.42 | 20.7 | 3 |
| 10 | 64QAM | 25 | 12 | 19.31 | 19.33 | 19.43 | | |
| 10 | 64QAM | 25 | 25 | 19.16 | 19.32 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.26 | 19.44 | 19.46 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.44 | 22.40 | 23.7 | 0 |
| 5 | QPSK | 1 | 12 | 22.28 | 22.39 | 22.39 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.41 | 22.24 | | |
| 5 | QPSK | 12 | 0 | 21.22 | 21.50 | 21.25 | 22.7 | 1 |
| 5 | QPSK | 12 | 7 | 21.30 | 21.37 | 21.32 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.37 | 21.28 | | |
| 5 | QPSK | 25 | 0 | 21.28 | 21.51 | 21.32 | | |
| 5 | 16QAM | 1 | 0 | 21.37 | 21.36 | 21.22 | 22.7 | 1 |
| 5 | 16QAM | 1 | 12 | 21.36 | 21.38 | 21.24 | | |
| 5 | 16QAM | 1 | 24 | 21.24 | 21.31 | 21.19 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.46 | 20.37 | 21.7 | 2 |
| 5 | 16QAM | 12 | 7 | 20.42 | 20.30 | 20.47 | | |
| 5 | 16QAM | 12 | 13 | 20.23 | 20.26 | 20.22 | | |
| 5 | 16QAM | 25 | 0 | 20.39 | 20.47 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.34 | 20.36 | 20.31 | 21.7 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.36 | 20.19 | | |
| 5 | 64QAM | 1 | 24 | 20.20 | 20.34 | 20.15 | | |
| 5 | 64QAM | 12 | 0 | 19.18 | 19.31 | 19.44 | 20.7 | 3 |
| 5 | 64QAM | 12 | 7 | 19.30 | 19.37 | 19.30 | | |
| 5 | 64QAM | 12 | 13 | 19.20 | 19.39 | 19.17 | | |
| 5 | 64QAM | 25 | 0 | 19.25 | 19.40 | 19.42 | | |

## Band 25 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 23.16 | 23.21 | 23.11 | 24.4 | 0 |
| 20 | QPSK | 1 | 49 | 23.08 | 23.11 | 23.04 | | |
| 20 | QPSK | 1 | 99 | 23.06 | 23.10 | 22.96 | | |
| 20 | QPSK | 50 | 0 | 22.07 | 22.28 | 22.16 | 23.4 | 1 |
| 20 | QPSK | 50 | 24 | 22.10 | 22.09 | 22.00 | | |
| 20 | QPSK | 50 | 50 | 22.10 | 22.15 | 22.08 | | |
| 20 | QPSK | 100 | 0 | 22.04 | 22.16 | 22.10 | | |
| 20 | 16QAM | 1 | 0 | 22.24 | 22.23 | 22.17 | 23.4 | 1 |
| 20 | 16QAM | 1 | 49 | 22.05 | 22.08 | 21.98 | | |
| 20 | 16QAM | 1 | 99 | 21.99 | 22.17 | 21.99 | | |
| 20 | 16QAM | 50 | 0 | 21.06 | 21.23 | 21.18 | 22.4 | 2 |
| 20 | 16QAM | 50 | 24 | 21.13 | 21.07 | 21.08 | | |
| 20 | 16QAM | 50 | 50 | 21.09 | 21.16 | 21.03 | | |
| 20 | 16QAM | 100 | 0 | 21.02 | 21.13 | 21.08 | | |
| 20 | 64QAM | 1 | 0 | 21.17 | 21.15 | 21.17 | 22.4 | 2 |
| 20 | 64QAM | 1 | 49 | 21.01 | 21.14 | 20.96 | | |
| 20 | 64QAM | 1 | 99 | 20.98 | 21.21 | 21.06 | | |
| 20 | 64QAM | 50 | 0 | 20.03 | 20.23 | 20.19 | 21.4 | 3 |
| 20 | 64QAM | 50 | 24 | 20.10 | 20.11 | 20.15 | | |
| 20 | 64QAM | 50 | 50 | 20.02 | 20.18 | 20.06 | | |
| 20 | 64QAM | 100 | 0 | 19.99 | 20.19 | 20.00 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 23.11 | 23.16 | 23.05 | 24.4 | 0 |
| 15 | QPSK | 1 | 37 | 22.98 | 23.03 | 23.01 | | |
| 15 | QPSK | 1 | 74 | 22.96 | 22.93 | 22.87 | | |
| 15 | QPSK | 36 | 0 | 22.05 | 22.22 | 22.03 | 23.4 | 1 |
| 15 | QPSK | 36 | 20 | 21.94 | 22.02 | 21.93 | | |
| 15 | QPSK | 36 | 39 | 21.95 | 22.00 | 21.98 | | |
| 15 | QPSK | 75 | 0 | 21.98 | 22.12 | 21.96 | | |
| 15 | 16QAM | 1 | 0 | 22.09 | 22.12 | 22.05 | 23.4 | 1 |
| 15 | 16QAM | 1 | 37 | 21.98 | 22.05 | 21.84 | | |
| 15 | 16QAM | 1 | 74 | 21.92 | 22.04 | 21.96 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.12 | 21.05 | 22.4 | 2 |
| 15 | 16QAM | 36 | 20 | 21.06 | 20.90 | 20.92 | | |
| 15 | 16QAM | 36 | 39 | 20.98 | 20.99 | 20.92 | | |
| 15 | 16QAM | 75 | 0 | 20.89 | 20.99 | 20.91 | | |
| 15 | 64QAM | 1 | 0 | 21.13 | 21.11 | 21.13 | 22.4 | 2 |
| 15 | 64QAM | 1 | 37 | 20.90 | 21.00 | 20.90 | | |
| 15 | 64QAM | 1 | 74 | 20.83 | 21.05 | 20.94 | | |
| 15 | 64QAM | 36 | 0 | 19.95 | 20.18 | 20.12 | 21.4 | 3 |
| 15 | 64QAM | 36 | 20 | 19.93 | 20.01 | 20.04 | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 20.13 | 19.98 | | |
| 15 | 64QAM | 75 | 0 | 19.86 | 20.15 | 19.98 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.11 | 23.05 | 24.4 | 0 |
| 10 | QPSK | 1 | 25 | 22.92 | 22.97 | 22.98 | | |
| 10 | QPSK | 1 | 49 | 23.01 | 22.98 | 22.88 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 22.17 | 22.01 | 23.4 | 1 |
| 10 | QPSK | 25 | 12 | 22.06 | 21.98 | 21.97 | | |
| 10 | QPSK | 25 | 25 | 21.98 | 22.01 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 21.87 | 22.11 | 21.98 | | |
| 10 | 16QAM | 1 | 0 | 22.14 | 22.05 | 22.11 | 23.4 | 1 |
| 10 | 16QAM | 1 | 25 | 21.92 | 21.94 | 21.93 | | |
| 10 | 16QAM | 1 | 49 | 21.92 | 22.08 | 21.82 | | |
| 10 | 16QAM | 25 | 0 | 20.93 | 21.15 | 21.15 | 22.4 | 2 |
| 10 | 16QAM | 25 | 12 | 21.01 | 20.99 | 21.02 | | |
| 10 | 16QAM | 25 | 25 | 20.94 | 21.08 | 20.89 | | |
| 10 | 16QAM | 50 | 0 | 20.92 | 20.96 | 20.94 | | |
| 10 | 64QAM | 1 | 0 | 21.05 | 21.10 | 21.09 | 22.4 | 2 |
| 10 | 64QAM | 1 | 25 | 20.97 | 21.09 | 20.79 | | |
| 10 | 64QAM | 1 | 49 | 20.81 | 21.17 | 21.04 | | |
| 10 | 64QAM | 25 | 0 | 19.99 | 20.11 | 20.07 | 21.4 | 3 |
| 10 | 64QAM | 25 | 12 | 20.07 | 19.99 | 20.08 | | |
| 10 | 64QAM | 25 | 25 | 19.86 | 20.14 | 19.92 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 20.07 | 19.88 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 23.05 | 23.17 | 22.99 | 24.4 | 0 |
| 5 | QPSK | 1 | 12 | 22.92 | 23.03 | 22.92 | | |
| 5 | QPSK | 1 | 24 | 22.97 | 22.93 | 22.86 | | |
| 5 | QPSK | 12 | 0 | 22.00 | 22.11 | 21.99 | 23.4 | 1 |
| 5 | QPSK | 12 | 7 | 21.92 | 22.04 | 21.92 | | |
| 5 | QPSK | 12 | 13 | 21.94 | 22.06 | 21.95 | | |
| 5 | QPSK | 25 | 0 | 21.97 | 22.09 | 22.06 | | |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.06 | 22.12 | 23.4 | 1 |
| 5 | 16QAM | 1 | 12 | 21.88 | 22.04 | 21.91 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 22.13 | 21.89 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 21.17 | 21.13 | 22.4 | 2 |
| 5 | 16QAM | 12 | 7 | 21.01 | 20.94 | 21.05 | | |
| 5 | 16QAM | 12 | 13 | 21.04 | 21.08 | 20.90 | | |
| 5 | 16QAM | 25 | 0 | 20.96 | 21.04 | 20.90 | | |
| 5 | 64QAM | 1 | 0 | 21.14 | 21.06 | 20.99 | 22.4 | 2 |
| 5 | 64QAM | 1 | 12 | 20.92 | 21.03 | 20.82 | | |
| 5 | 64QAM | 1 | 24 | 20.82 | 21.03 | 20.90 | | |
| 5 | 64QAM | 12 | 0 | 19.87 | 20.08 | 20.10 | 21.4 | 3 |
| 5 | 64QAM | 12 | 7 | 20.05 | 20.07 | 20.04 | | |
| 5 | 64QAM | 12 | 13 | 19.85 | 20.04 | 19.89 | | |
| 5 | 64QAM | 25 | 0 | 19.91 | 20.13 | 19.94 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 23.03 | 23.06 | 23.00 | 24.4 | 0 |
| 3 | QPSK | 1 | 8 | 22.96 | 22.95 | 22.87 | | |
| 3 | QPSK | 1 | 14 | 22.96 | 22.94 | 22.91 | | |
| 3 | QPSK | 8 | 0 | 21.96 | 22.18 | 22.05 | 23.4 | 1 |
| 3 | QPSK | 8 | 4 | 22.05 | 22.02 | 21.83 | | |
| 3 | QPSK | 8 | 7 | 22.00 | 22.01 | 21.91 | | |
| 3 | QPSK | 15 | 0 | 21.91 | 22.00 | 22.02 | | |
| 3 | 16QAM | 1 | 0 | 22.22 | 22.19 | 22.08 | 23.4 | 1 |
| 3 | 16QAM | 1 | 8 | 21.88 | 21.99 | 21.86 | | |
| 3 | 16QAM | 1 | 14 | 21.92 | 22.03 | 21.91 | | |
| 3 | 16QAM | 8 | 0 | 20.92 | 21.12 | 21.13 | 22.4 | 2 |
| 3 | 16QAM | 8 | 4 | 21.06 | 20.90 | 20.93 | | |
| 3 | 16QAM | 8 | 7 | 20.93 | 21.05 | 20.88 | | |
| 3 | 16QAM | 15 | 0 | 20.85 | 21.02 | 20.96 | | |
| 3 | 64QAM | 1 | 0 | 21.12 | 21.00 | 21.12 | 22.4 | 2 |
| 3 | 64QAM | 1 | 8 | 20.93 | 21.02 | 20.91 | | |
| 3 | 64QAM | 1 | 14 | 20.81 | 21.05 | 20.99 | | |
| 3 | 64QAM | 8 | 0 | 19.85 | 20.05 | 20.11 | 21.4 | 3 |
| 3 | 64QAM | 8 | 4 | 19.93 | 20.00 | 20.05 | | |
| 3 | 64QAM | 8 | 7 | 19.89 | 20.03 | 20.02 | | |
| 3 | 64QAM | 15 | 0 | 19.89 | 20.12 | 19.96 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.03 | 23.13 | 23.00 | 24.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.04 | 23.07 | 22.93 | | |
| 1.4 | QPSK | 1 | 5 | 23.00 | 22.92 | 22.79 | | |
| 1.4 | QPSK | 3 | 0 | 22.87 | 23.11 | 23.01 | | |
| 1.4 | QPSK | 3 | 1 | 22.92 | 22.88 | 22.83 | | |
| 1.4 | QPSK | 3 | 3 | 22.94 | 23.04 | 23.01 | | |
| 1.4 | QPSK | 6 | 0 | 21.88 | 22.13 | 21.96 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.19 | 22.16 | 22.04 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.96 | 22.02 | 21.90 | | |
| 1.4 | 16QAM | 1 | 5 | 21.97 | 22.02 | 21.96 | | |
| 1.4 | 16QAM | 3 | 0 | 21.85 | 22.08 | 21.98 | | |
| 1.4 | 16QAM | 3 | 1 | 21.95 | 21.95 | 21.89 | | |
| 1.4 | 16QAM | 3 | 3 | 21.94 | 21.99 | 21.95 | | |
| 1.4 | 16QAM | 6 | 0 | 20.99 | 21.02 | 21.00 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.99 | 21.06 | 21.03 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.95 | 21.02 | 20.79 | | |
| 1.4 | 64QAM | 1 | 5 | 20.85 | 21.12 | 21.00 | | |
| 1.4 | 64QAM | 3 | 0 | 20.86 | 21.02 | 21.10 | | |
| 1.4 | 64QAM | 3 | 1 | 20.97 | 20.95 | 20.93 | | |
| 1.4 | 64QAM | 3 | 3 | 20.85 | 21.09 | 20.90 | | |
| 1.4 | 64QAM | 6 | 0 | 19.81 | 20.06 | 19.84 | 21.4 | 3 |

## Band 66 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 23.14 | 23.28 | 22.98 | 24.4 | 0 |
| 20 | QPSK | 1 | 49 | 23.10 | 23.15 | 23.03 | | |
| 20 | QPSK | 1 | 99 | 22.94 | 23.00 | 22.98 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.17 | 22.02 | 23.4 | 1 |
| 20 | QPSK | 50 | 24 | 21.95 | 22.10 | 22.03 | | |
| 20 | QPSK | 50 | 50 | 22.05 | 22.13 | 22.06 | | |
| 20 | QPSK | 100 | 0 | 21.91 | 22.05 | 21.96 | | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.4 | 1 |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.12 | 22.00 | | |
| 20 | 16QAM | 1 | 99 | 22.03 | 22.13 | 22.07 | | |
| 20 | 16QAM | 50 | 0 | 21.14 | 21.21 | 21.12 | 22.4 | 2 |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.15 | 21.08 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.20 | 21.09 | | |
| 20 | 16QAM | 100 | 0 | 20.98 | 21.06 | 20.98 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.18 | 21.08 | 22.4 | 2 |
| 20 | 64QAM | 1 | 49 | 21.19 | 21.26 | 21.22 | | |
| 20 | 64QAM | 1 | 99 | 21.09 | 21.21 | 21.13 | | |
| 20 | 64QAM | 50 | 0 | 20.02 | 20.16 | 20.09 | 21.4 | 3 |
| 20 | 64QAM | 50 | 24 | 19.98 | 20.11 | 20.02 | | |
| 20 | 64QAM | 50 | 50 | 20.12 | 20.17 | 20.12 | | |
| 20 | 64QAM | 100 | 0 | 20.03 | 20.11 | 20.05 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 23.12 | 23.20 | 22.87 | 24.4 | 0 |
| 15 | QPSK | 1 | 37 | 23.01 | 23.00 | 23.00 | | |
| 15 | QPSK | 1 | 74 | 22.80 | 22.82 | 22.96 | | |
| 15 | QPSK | 36 | 0 | 21.96 | 22.04 | 21.84 | 23.4 | 1 |
| 15 | QPSK | 36 | 20 | 21.89 | 21.93 | 21.88 | | |
| 15 | QPSK | 36 | 39 | 21.96 | 22.08 | 21.88 | | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.96 | 21.80 | | |
| 15 | 16QAM | 1 | 0 | 21.98 | 22.07 | 22.01 | 23.4 | 1 |
| 15 | 16QAM | 1 | 37 | 21.89 | 22.00 | 21.88 | | |
| 15 | 16QAM | 1 | 74 | 21.93 | 22.01 | 21.96 | | |
| 15 | 16QAM | 36 | 0 | 21.03 | 21.07 | 21.06 | 22.4 | 2 |
| 15 | 16QAM | 36 | 20 | 20.98 | 21.09 | 21.03 | | |
| 15 | 16QAM | 36 | 39 | 21.00 | 21.14 | 21.01 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.93 | 20.85 | | |
| 15 | 64QAM | 1 | 0 | 20.98 | 21.02 | 21.01 | 22.4 | 2 |
| 15 | 64QAM | 1 | 37 | 21.04 | 21.20 | 21.19 | | |
| 15 | 64QAM | 1 | 74 | 21.00 | 21.08 | 21.11 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 20.13 | 20.02 | 21.4 | 3 |
| 15 | 64QAM | 36 | 20 | 19.90 | 19.94 | 20.00 | | |
| 15 | 64QAM | 36 | 39 | 19.96 | 20.10 | 19.95 | | |
| 15 | 64QAM | 75 | 0 | 19.86 | 20.01 | 19.95 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 23.05 | 23.13 | 22.85 | 24.4 | 0 |
| 10 | QPSK | 1 | 25 | 23.01 | 23.07 | 22.94 | | |
| 10 | QPSK | 1 | 49 | 22.81 | 22.83 | 22.92 | | |
| 10 | QPSK | 25 | 0 | 22.09 | 22.08 | 21.88 | 23.4 | 1 |
| 10 | QPSK | 25 | 12 | 21.88 | 22.04 | 21.95 | | |
| 10 | QPSK | 25 | 25 | 21.93 | 21.97 | 21.99 | | |
| 10 | QPSK | 50 | 0 | 21.75 | 22.02 | 21.85 | | |
| 10 | 16QAM | 1 | 0 | 22.00 | 22.03 | 22.05 | 23.4 | 1 |
| 10 | 16QAM | 1 | 25 | 21.85 | 21.99 | 21.94 | | |
| 10 | 16QAM | 1 | 49 | 21.97 | 22.05 | 22.00 | | |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.05 | 21.04 | 22.4 | 2 |
| 10 | 16QAM | 25 | 12 | 20.91 | 21.06 | 21.05 | | |
| 10 | 16QAM | 25 | 25 | 21.12 | 21.09 | 20.94 | | |
| 10 | 16QAM | 50 | 0 | 20.83 | 20.89 | 20.94 | | |
| 10 | 64QAM | 1 | 0 | 20.90 | 21.09 | 21.04 | 22.4 | 2 |
| 10 | 64QAM | 1 | 25 | 21.07 | 21.11 | 21.19 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 21.09 | 20.95 | | |
| 10 | 64QAM | 25 | 0 | 19.96 | 20.01 | 20.07 | 21.4 | 3 |
| 10 | 64QAM | 25 | 12 | 19.85 | 19.97 | 19.93 | | |
| 10 | 64QAM | 25 | 25 | 20.06 | 20.08 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 19.94 | 19.97 | 19.89 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 23.04 | 23.10 | 22.95 | 24.4 | 0 |
| 5 | QPSK | 1 | 12 | 22.99 | 23.03 | 22.97 | | |
| 5 | QPSK | 1 | 24 | 22.91 | 22.87 | 22.86 | | |
| 5 | QPSK | 12 | 0 | 22.08 | 22.08 | 21.96 | 23.4 | 1 |
| 5 | QPSK | 12 | 7 | 21.80 | 21.95 | 21.91 | | |
| 5 | QPSK | 12 | 13 | 21.94 | 22.04 | 22.04 | | |
| 5 | QPSK | 25 | 0 | 21.80 | 21.97 | 21.90 | | |
| 5 | 16QAM | 1 | 0 | 22.03 | 22.11 | 21.96 | 23.4 | 1 |
| 5 | 16QAM | 1 | 12 | 21.93 | 22.01 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.91 | 22.11 | 21.99 | | |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.09 | 21.07 | 22.4 | 2 |
| 5 | 16QAM | 12 | 7 | 20.96 | 21.11 | 21.00 | | |
| 5 | 16QAM | 12 | 13 | 20.98 | 21.13 | 21.03 | | |
| 5 | 16QAM | 25 | 0 | 20.88 | 20.91 | 20.92 | | |
| 5 | 64QAM | 1 | 0 | 20.89 | 21.07 | 20.97 | 22.4 | 2 |
| 5 | 64QAM | 1 | 12 | 21.14 | 21.16 | 21.12 | | |
| 5 | 64QAM | 1 | 24 | 20.95 | 21.05 | 21.10 | | |
| 5 | 64QAM | 12 | 0 | 19.91 | 20.02 | 20.03 | 21.4 | 3 |
| 5 | 64QAM | 12 | 7 | 19.87 | 20.03 | 19.85 | | |
| 5 | 64QAM | 12 | 13 | 20.06 | 20.04 | 19.97 | | |
| 5 | 64QAM | 25 | 0 | 19.85 | 19.94 | 19.94 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 23.07 | 23.09 | 22.95 | 24.4 | 0 |
| 3 | QPSK | 1 | 8 | 22.97 | 23.09 | 22.87 | | |
| 3 | QPSK | 1 | 14 | 22.92 | 22.95 | 22.92 | | |
| 3 | QPSK | 8 | 0 | 22.03 | 22.00 | 21.98 | 23.4 | 1 |
| 3 | QPSK | 8 | 4 | 21.88 | 22.00 | 21.95 | | |
| 3 | QPSK | 8 | 7 | 21.92 | 22.05 | 21.88 | | |
| 3 | QPSK | 15 | 0 | 21.75 | 21.88 | 21.81 | | |
| 3 | 16QAM | 1 | 0 | 21.90 | 22.12 | 22.09 | 23.4 | 1 |
| 3 | 16QAM | 1 | 8 | 21.88 | 21.98 | 21.96 | | |
| 3 | 16QAM | 1 | 14 | 21.95 | 22.07 | 21.92 | | |
| 3 | 16QAM | 8 | 0 | 21.11 | 21.09 | 20.98 | 22.4 | 2 |
| 3 | 16QAM | 8 | 4 | 20.87 | 21.11 | 21.03 | | |
| 3 | 16QAM | 8 | 7 | 21.07 | 21.13 | 20.96 | | |
| 3 | 16QAM | 15 | 0 | 20.81 | 20.98 | 20.94 | | |
| 3 | 64QAM | 1 | 0 | 20.96 | 21.06 | 20.96 | 22.4 | 2 |
| 3 | 64QAM | 1 | 8 | 21.04 | 21.16 | 21.13 | | |
| 3 | 64QAM | 1 | 14 | 20.94 | 21.07 | 21.01 | | |
| 3 | 64QAM | 8 | 0 | 19.92 | 20.12 | 20.06 | 21.4 | 3 |
| 3 | 64QAM | 8 | 4 | 19.94 | 19.96 | 19.92 | | |
| 3 | 64QAM | 8 | 7 | 19.98 | 20.06 | 20.05 | | |
| 3 | 64QAM | 15 | 0 | 20.01 | 20.01 | 19.96 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.02 | 23.15 | 22.82 | 24.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.04 | 23.08 | 22.93 | | |
| 1.4 | QPSK | 1 | 5 | 22.81 | 22.85 | 22.91 | | |
| 1.4 | QPSK | 3 | 0 | 23.08 | 23.02 | 22.94 | | |
| 1.4 | QPSK | 3 | 1 | 22.81 | 22.93 | 23.00 | | |
| 1.4 | QPSK | 3 | 3 | 22.91 | 23.07 | 23.02 | | |
| 1.4 | QPSK | 6 | 0 | 21.74 | 21.94 | 21.91 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.04 | 22.12 | 22.06 | 23.4 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.95 | 22.02 | 21.93 | | |
| 1.4 | 16QAM | 1 | 5 | 21.90 | 22.01 | 22.03 | | |
| 1.4 | 16QAM | 3 | 0 | 22.09 | 22.13 | 22.09 | | |
| 1.4 | 16QAM | 3 | 1 | 21.88 | 22.00 | 21.93 | | |
| 1.4 | 16QAM | 3 | 3 | 22.08 | 22.02 | 22.07 | | |
| 1.4 | 16QAM | 6 | 0 | 20.86 | 20.95 | 20.81 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.94 | 21.01 | 20.93 | 22.4 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.11 | 21.11 | 21.09 | | |
| 1.4 | 64QAM | 1 | 5 | 20.94 | 21.19 | 21.05 | | |
| 1.4 | 64QAM | 3 | 0 | 20.99 | 21.01 | 21.01 | | |
| 1.4 | 64QAM | 3 | 1 | 20.92 | 20.99 | 20.94 | | |
| 1.4 | 64QAM | 3 | 3 | 20.99 | 21.10 | 21.04 | | |
| 1.4 | 64QAM | 6 | 0 | 19.99 | 19.99 | 19.91 | 21.4 | 3 |

## Band 38 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.54 | 22.61 | 22.49 | 23.7 | 0 |
| 20 | QPSK | 1 | 49 | 22.52 | 22.54 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.50 | 22.49 | 22.45 | | |
| 20 | QPSK | 50 | 0 | 21.52 | 21.59 | 21.42 | 22.7 | 1 |
| 20 | QPSK | 50 | 24 | 21.39 | 21.57 | 21.50 | | |
| 20 | QPSK | 50 | 50 | 21.52 | 21.54 | 21.34 | | |
| 20 | QPSK | 100 | 0 | 21.37 | 21.59 | 21.43 | | |
| 20 | 16QAM | 1 | 0 | 21.54 | 21.64 | 21.56 | 22.7 | 1 |
| 20 | 16QAM | 1 | 49 | 21.47 | 21.55 | 21.47 | | |
| 20 | 16QAM | 1 | 99 | 21.45 | 21.51 | 21.52 | | |
| 20 | 16QAM | 50 | 0 | 20.48 | 20.61 | 20.48 | 21.7 | 2 |
| 20 | 16QAM | 50 | 24 | 20.39 | 20.57 | 20.54 | | |
| 20 | 16QAM | 50 | 50 | 20.46 | 20.50 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.33 | 20.65 | 20.47 | | |
| 20 | 64QAM | 1 | 0 | 20.60 | 20.56 | 20.52 | 21.7 | 2 |
| 20 | 64QAM | 1 | 49 | 20.52 | 20.49 | 20.53 | | |
| 20 | 64QAM | 1 | 99 | 20.48 | 20.45 | 20.46 | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.56 | 19.45 | 20.7 | 3 |
| 20 | 64QAM | 50 | 24 | 19.38 | 19.58 | 19.53 | | |
| 20 | 64QAM | 50 | 50 | 19.51 | 19.58 | 19.45 | | |
| 20 | 64QAM | 100 | 0 | 19.40 | 19.63 | 19.46 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.48 | 22.56 | 22.32 | 23.7 | 0 |
| 15 | QPSK | 1 | 37 | 22.44 | 22.40 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.48 | 22.40 | 22.33 | | |
| 15 | QPSK | 36 | 0 | 21.37 | 21.55 | 21.29 | 22.7 | 1 |
| 15 | QPSK | 36 | 20 | 21.22 | 21.44 | 21.35 | | |
| 15 | QPSK | 36 | 39 | 21.50 | 21.49 | 21.28 | | |
| 15 | QPSK | 75 | 0 | 21.30 | 21.55 | 21.38 | | |
| 15 | 16QAM | 1 | 0 | 21.37 | 21.50 | 21.40 | 22.7 | 1 |
| 15 | 16QAM | 1 | 37 | 21.42 | 21.39 | 21.31 | | |
| 15 | 16QAM | 1 | 74 | 21.34 | 21.46 | 21.35 | | |
| 15 | 16QAM | 36 | 0 | 20.34 | 20.46 | 20.34 | 21.7 | 2 |
| 15 | 16QAM | 36 | 20 | 20.32 | 20.45 | 20.41 | | |
| 15 | 16QAM | 36 | 39 | 20.33 | 20.41 | 20.29 | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.50 | 20.44 | | |
| 15 | 64QAM | 1 | 0 | 20.52 | 20.41 | 20.46 | 21.7 | 2 |
| 15 | 64QAM | 1 | 37 | 20.43 | 20.40 | 20.42 | | |
| 15 | 64QAM | 1 | 74 | 20.41 | 20.30 | 20.36 | | |
| 15 | 64QAM | 36 | 0 | 19.28 | 19.51 | 19.43 | 20.7 | 3 |
| 15 | 64QAM | 36 | 20 | 19.30 | 19.53 | 19.49 | | |
| 15 | 64QAM | 36 | 39 | 19.46 | 19.53 | 19.42 | | |
| 15 | 64QAM | 75 | 0 | 19.37 | 19.46 | 19.32 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.50 | 22.58 | 22.37 | 23.7 | 0 |
| 10 | QPSK | 1 | 25 | 22.38 | 22.44 | 22.23 | | |
| 10 | QPSK | 1 | 49 | 22.43 | 22.33 | 22.40 | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.50 | 21.38 | 22.7 | 1 |
| 10 | QPSK | 25 | 12 | 21.29 | 21.53 | 21.38 | | |
| 10 | QPSK | 25 | 25 | 21.39 | 21.45 | 21.23 | | |
| 10 | QPSK | 50 | 0 | 21.19 | 21.51 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.44 | 21.61 | 21.49 | 22.7 | 1 |
| 10 | 16QAM | 1 | 25 | 21.42 | 21.41 | 21.30 | | |
| 10 | 16QAM | 1 | 49 | 21.27 | 21.47 | 21.44 | | |
| 10 | 16QAM | 25 | 0 | 20.32 | 20.55 | 20.45 | 21.7 | 2 |
| 10 | 16QAM | 25 | 12 | 20.35 | 20.39 | 20.47 | | |
| 10 | 16QAM | 25 | 25 | 20.36 | 20.35 | 20.32 | | |
| 10 | 16QAM | 50 | 0 | 20.26 | 20.57 | 20.35 | | |
| 10 | 64QAM | 1 | 0 | 20.53 | 20.48 | 20.39 | 21.7 | 2 |
| 10 | 64QAM | 1 | 25 | 20.39 | 20.41 | 20.50 | | |
| 10 | 64QAM | 1 | 49 | 20.31 | 20.37 | 20.35 | | |
| 10 | 64QAM | 25 | 0 | 19.26 | 19.49 | 19.27 | 20.7 | 3 |
| 10 | 64QAM | 25 | 12 | 19.24 | 19.48 | 19.40 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.48 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.27 | 19.56 | 19.37 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.51 | 22.59 | 22.42 | 23.7 | 0 |
| 5 | QPSK | 1 | 12 | 22.40 | 22.41 | 22.27 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.46 | 22.41 | | |
| 5 | QPSK | 12 | 0 | 21.44 | 21.50 | 21.27 | 22.7 | 1 |
| 5 | QPSK | 12 | 7 | 21.27 | 21.41 | 21.39 | | |
| 5 | QPSK | 12 | 13 | 21.49 | 21.46 | 21.20 | | |
| 5 | QPSK | 25 | 0 | 21.28 | 21.44 | 21.38 | | |
| 5 | 16QAM | 1 | 0 | 21.50 | 21.51 | 21.50 | 22.7 | 1 |
| 5 | 16QAM | 1 | 12 | 21.43 | 21.41 | 21.29 | | |
| 5 | 16QAM | 1 | 24 | 21.32 | 21.33 | 21.36 | | |
| 5 | 16QAM | 12 | 0 | 20.45 | 20.51 | 20.45 | 21.7 | 2 |
| 5 | 16QAM | 12 | 7 | 20.28 | 20.46 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.36 | 20.39 | 20.27 | | |
| 5 | 16QAM | 25 | 0 | 20.27 | 20.57 | 20.31 | | |
| 5 | 64QAM | 1 | 0 | 20.45 | 20.52 | 20.38 | 21.7 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.42 | 20.46 | | |
| 5 | 64QAM | 1 | 24 | 20.37 | 20.32 | 20.39 | | |
| 5 | 64QAM | 12 | 0 | 19.28 | 19.50 | 19.40 | 20.7 | 3 |
| 5 | 64QAM | 12 | 7 | 19.33 | 19.51 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.36 | 19.47 | 19.35 | | |

## Band 41 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.54 | 22.49 | 22.63 | 22.49 | 22.48 | 23.7 | 0 |
| 20 | QPSK | 1 | 49 | 22.36 | 22.35 | 22.47 | 22.38 | 22.45 | | |
| 20 | QPSK | 1 | 99 | 22.42 | 22.44 | 22.55 | 22.48 | 22.46 | | |
| 20 | QPSK | 50 | 0 | 21.41 | 21.42 | 21.59 | 21.45 | 21.48 | 22.7 | 1 |
| 20 | QPSK | 50 | 24 | 21.39 | 21.40 | 21.45 | 21.35 | 21.40 | | |
| 20 | QPSK | 50 | 50 | 21.49 | 21.40 | 21.56 | 21.41 | 21.50 | | |
| 20 | QPSK | 100 | 0 | 21.40 | 21.48 | 21.60 | 21.55 | 21.52 | | |
| 20 | 16QAM | 1 | 0 | 21.49 | 21.44 | 21.63 | 21.55 | 21.52 | 22.7 | 1 |
| 20 | 16QAM | 1 | 49 | 21.40 | 21.32 | 21.53 | 21.32 | 21.42 | | |
| 20 | 16QAM | 1 | 99 | 21.38 | 21.49 | 21.52 | 21.47 | 21.48 | | |
| 20 | 16QAM | 50 | 0 | 20.34 | 20.42 | 20.63 | 20.46 | 20.54 | 21.7 | 2 |
| 20 | 16QAM | 50 | 24 | 20.34 | 20.44 | 20.45 | 20.35 | 20.46 | | |
| 20 | 16QAM | 50 | 50 | 20.53 | 20.39 | 20.55 | 20.46 | 20.54 | | |
| 20 | 16QAM | 100 | 0 | 20.39 | 20.41 | 20.59 | 20.48 | 20.45 | | |
| 20 | 64QAM | 1 | 0 | 20.48 | 20.52 | 20.62 | 20.49 | 20.54 | 21.7 | 2 |
| 20 | 64QAM | 1 | 49 | 20.46 | 20.34 | 20.56 | 20.26 | 20.46 | | |
| 20 | 64QAM | 1 | 99 | 20.43 | 20.55 | 20.57 | 20.49 | 20.47 | | |
| 20 | 64QAM | 50 | 0 | 19.36 | 19.49 | 19.57 | 19.40 | 19.52 | 20.7 | 3 |
| 20 | 64QAM | 50 | 24 | 19.33 | 19.45 | 19.51 | 19.33 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.57 | 19.45 | 19.51 | 19.40 | 19.62 | | |
| 20 | 64QAM | 100 | 0 | 19.41 | 19.36 | 19.59 | 19.55 | 19.41 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.37 | 22.41 | 22.59 | 22.39 | 22.45 | 23.70 | 0 |
| 15 | QPSK | 1 | 37 | 22.29 | 22.18 | 22.38 | 22.28 | 22.39 | | |
| 15 | QPSK | 1 | 74 | 22.37 | 22.27 | 22.46 | 22.39 | 22.43 | | |
| 15 | QPSK | 36 | 0 | 21.33 | 21.39 | 21.41 | 21.31 | 21.42 | 22.7 | 1 |
| 15 | QPSK | 36 | 20 | 21.24 | 21.37 | 21.39 | 21.31 | 21.24 | | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.36 | 21.46 | 21.30 | 21.42 | | |
| 15 | QPSK | 75 | 0 | 21.35 | 21.36 | 21.47 | 21.51 | 21.37 | | |
| 15 | 16QAM | 1 | 0 | 21.33 | 21.29 | 21.46 | 21.41 | 21.45 | 22.7 | 1 |
| 15 | 16QAM | 1 | 37 | 21.34 | 21.24 | 21.39 | 21.27 | 21.29 | | |
| 15 | 16QAM | 1 | 74 | 21.33 | 21.32 | 21.41 | 21.40 | 21.43 | | |
| 15 | 16QAM | 36 | 0 | 20.21 | 20.35 | 20.46 | 20.39 | 20.44 | 21.7 | 2 |
| 15 | 16QAM | 36 | 20 | 20.31 | 20.38 | 20.34 | 20.24 | 20.43 | | |
| 15 | 16QAM | 36 | 39 | 20.44 | 20.35 | 20.43 | 20.33 | 20.48 | | |
| 15 | 16QAM | 75 | 0 | 20.26 | 20.34 | 20.52 | 20.35 | 20.37 | | |
| 15 | 64QAM | 1 | 0 | 20.44 | 20.42 | 20.55 | 20.32 | 20.50 | 21.7 | 2 |
| 15 | 64QAM | 1 | 37 | 20.30 | 20.31 | 20.48 | 20.17 | 20.44 | | |
| 15 | 64QAM | 1 | 74 | 20.31 | 20.46 | 20.52 | 20.31 | 20.43 | | |
| 15 | 64QAM | 36 | 0 | 19.33 | 19.43 | 19.53 | 19.28 | 19.42 | 20.7 | 3 |
| 15 | 64QAM | 36 | 20 | 19.24 | 19.42 | 19.38 | 19.30 | 19.31 | | |
| 15 | 64QAM | 36 | 39 | 19.50 | 19.36 | 19.34 | 19.36 | 19.51 | | |
| 15 | 64QAM | 75 | 0 | 19.28 | 19.27 | 19.49 | 19.48 | 19.23 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.31 | 22.55 | 22.45 | 22.46 | 23.70 | 0 |
| 10 | QPSK | 1 | 25 | 22.26 | 22.23 | 22.35 | 22.25 | 22.30 | | |
| 10 | QPSK | 1 | 49 | 22.39 | 22.29 | 22.47 | 22.42 | 22.34 | | |
| 10 | QPSK | 25 | 0 | 21.33 | 21.29 | 21.54 | 21.34 | 21.32 | 22.7 | 1 |
| 10 | QPSK | 25 | 12 | 21.25 | 21.22 | 21.34 | 21.21 | 21.24 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.27 | 21.53 | 21.33 | 21.41 | | |
| 10 | QPSK | 50 | 0 | 21.29 | 21.35 | 21.57 | 21.47 | 21.40 | | |
| 10 | 16QAM | 1 | 0 | 21.31 | 21.32 | 21.57 | 21.51 | 21.39 | 22.7 | 1 |
| 10 | 16QAM | 1 | 25 | 21.32 | 21.16 | 21.47 | 21.24 | 21.24 | | |
| 10 | 16QAM | 1 | 49 | 21.34 | 21.46 | 21.44 | 21.38 | 21.45 | | |
| 10 | 16QAM | 25 | 0 | 20.17 | 20.27 | 20.53 | 20.28 | 20.42 | 21.7 | 2 |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.42 | 20.33 | 20.31 | 20.30 | | |
| 10 | 16QAM | 25 | 25 | 20.37 | 20.35 | 20.48 | 20.30 | 20.50 | | |
| 10 | 16QAM | 50 | 0 | 20.37 | 20.28 | 20.44 | 20.32 | 20.40 | | |
| 10 | 64QAM | 1 | 0 | 20.36 | 20.47 | 20.45 | 20.45 | 20.37 | 21.7 | 2 |
| 10 | 64QAM | 1 | 25 | 20.35 | 20.25 | 20.48 | 20.24 | 20.37 | | |
| 10 | 64QAM | 1 | 49 | 20.29 | 20.37 | 20.41 | 20.42 | 20.44 | | |
| 10 | 64QAM | 25 | 0 | 19.29 | 19.47 | 19.50 | 19.35 | 19.39 | 20.7 | 3 |
| 10 | 64QAM | 25 | 12 | 19.20 | 19.41 | 19.45 | 19.18 | 19.24 | | |
| 10 | 64QAM | 25 | 25 | 19.51 | 19.28 | 19.49 | 19.25 | 19.53 | | |
| 10 | 64QAM | 50 | 0 | 19.34 | 19.26 | 19.46 | 19.43 | 19.35 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.37 | 22.34 | 22.46 | 22.47 | 22.39 | 23.70 | 0 |
| 5 | QPSK | 1 | 12 | 22.32 | 22.31 | 22.42 | 22.23 | 22.40 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.28 | 22.49 | 22.45 | 22.44 | | |
| 5 | QPSK | 12 | 0 | 21.35 | 21.33 | 21.42 | 21.42 | 21.36 | 22.7 | 1 |
| 5 | QPSK | 12 | 7 | 21.31 | 21.26 | 21.36 | 21.20 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.38 | 21.31 | 21.49 | 21.26 | 21.37 | | |
| 5 | QPSK | 25 | 0 | 21.23 | 21.33 | 21.44 | 21.51 | 21.43 | | |
| 5 | 16QAM | 1 | 0 | 21.34 | 21.39 | 21.46 | 21.41 | 21.41 | 22.7 | 1 |
| 5 | 16QAM | 1 | 12 | 21.25 | 21.15 | 21.50 | 21.17 | 21.39 | | |
| 5 | 16QAM | 1 | 24 | 21.28 | 21.32 | 21.36 | 21.31 | 21.35 | | |
| 5 | 16QAM | 12 | 0 | 20.22 | 20.25 | 20.50 | 20.40 | 20.51 | 21.7 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.27 | 20.27 | 20.19 | 20.30 | | |
| 5 | 16QAM | 12 | 13 | 20.36 | 20.32 | 20.38 | 20.37 | 20.44 | | |
| 5 | 16QAM | 25 | 0 | 20.35 | 20.34 | 20.50 | 20.32 | 20.36 | | |
| 5 | 64QAM | 1 | 0 | 20.42 | 20.38 | 20.50 | 20.44 | 20.47 | 21.7 | 2 |
| 5 | 64QAM | 1 | 12 | 20.33 | 20.20 | 20.52 | 20.23 | 20.32 | | |
| 5 | 64QAM | 1 | 24 | 20.32 | 20.48 | 20.52 | 20.47 | 20.30 | | |
| 5 | 64QAM | 12 | 0 | 19.20 | 19.40 | 19.55 | 19.30 | 19.38 | 20.7 | 3 |
| 5 | 64QAM | 12 | 7 | 19.18 | 19.29 | 19.37 | 19.21 | 19.30 | | |
| 5 | 64QAM | 12 | 13 | 19.41 | 19.27 | 19.39 | 19.29 | 19.60 | | |

# Reduced Power Level for DSI 1

**For Ant0**

GSM850 Ant 0 DSI1

| 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 | 33.21 | 33.38 | 33.35 | 34.50 | 24.21 | 24.38 | 24.35 | 25.50 |
| GPRS 1 Tx slot | 33.16 | 33.25 | 33.40 | 34.50 | 24.16 | 24.25 | 24.40 | 25.50 |
| GPRS 2 Tx slots | 29.55 | 29.66 | 29.71 | 31.50 | 23.55 | 23.66 | 23.71 | 25.50 |
| GPRS 3 Tx slots | 27.79 | 27.84 | 27.92 | 29.70 | 23.53 | 23.58 | 23.66 | 25.44 |
| GPRS 4 Tx slots | 26.55 | 26.66 | 26.60 | 28.50 | 23.55 | 23.66 | 23.60 | 25.50 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI1

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.51 | 24.58 | 24.44 | 25.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.64 | 24.57 | 25.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.17 | 21.33 | 21.24 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.23 | 21.33 | 21.30 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.78 | 22.81 | 22.79 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.66 | 22.87 | 22.75 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.15 | 21.46 | 21.26 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.21 | 21.37 | 21.35 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.70 | 22.87 | 22.82 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.73 | 22.85 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.25 | 21.33 | 21.20 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.16 | 19.37 | 19.26 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.20 | 20.40 | 20.33 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.20 | 19.31 | 19.28 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.23 | 21.33 | 21.36 | 22.50 |

## Band 5 Ant 0 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.57 | 24.53 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.45 | 24.52 | 24.46 | | |
| 10 | QPSK | 1 | 49 | 24.48 | 24.55 | 24.43 | | |
| 10 | QPSK | 25 | 0 | 23.58 | 23.66 | 23.61 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.52 | 23.63 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.47 | 23.59 | 23.47 | | |
| 10 | QPSK | 50 | 0 | 23.57 | 23.66 | 23.63 | | |
| 10 | 16QAM | 1 | 0 | 23.53 | 23.59 | 23.44 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.52 | 23.37 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.51 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.62 | 22.69 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.54 | 22.61 | 22.53 | | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.59 | 22.44 | | |
| 10 | 16QAM | 50 | 0 | 22.49 | 22.62 | 22.53 | | |
| 10 | 64QAM | 1 | 0 | 22.52 | 22.64 | 22.58 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.58 | 22.52 | | |
| 10 | 64QAM | 1 | 49 | 22.41 | 22.50 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.70 | 21.62 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.51 | 21.60 | 21.52 | | |
| 10 | 64QAM | 25 | 25 | 21.50 | 21.55 | 21.47 | | |
| 10 | 64QAM | 50 | 0 | 21.47 | 21.61 | 21.47 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.46 | 24.46 | 24.44 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.32 | 24.44 | 24.32 | | |
| 5 | QPSK | 1 | 24 | 24.39 | 24.49 | 24.34 | | |
| 5 | QPSK | 12 | 0 | 23.53 | 23.56 | 23.49 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.56 | 23.48 | | |
| 5 | QPSK | 12 | 13 | 23.39 | 23.56 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.49 | 23.57 | 23.59 | | |
| 5 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.40 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.38 | 23.42 | 23.26 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.43 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.51 | 22.63 | 22.51 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.44 | 22.52 | 22.42 | | |
| 5 | 16QAM | 12 | 13 | 22.45 | 22.48 | 22.36 | | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.58 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.40 | 22.55 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.37 | 22.51 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.26 | 22.38 | 22.38 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.59 | 21.47 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.56 | 21.48 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.43 | 21.44 | | |
| 5 | 64QAM | 25 | 0 | 21.35 | 21.50 | 21.37 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.47 | 24.48 | 24.50 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.35 | 24.43 | 24.37 | | |
| 3 | QPSK | 1 | 14 | 24.36 | 24.40 | 24.35 | | |
| 3 | QPSK | 8 | 0 | 23.48 | 23.59 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.47 | 23.49 | 23.46 | | |
| 3 | QPSK | 8 | 7 | 23.35 | 23.47 | 23.37 | | |
| 3 | QPSK | 15 | 0 | 23.45 | 23.51 | 23.52 | | |
| 3 | 16QAM | 1 | 0 | 23.39 | 23.53 | 23.38 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.38 | 23.40 | 23.31 | | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.37 | 23.35 | | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.66 | 22.51 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.40 | 22.58 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.44 | 22.53 | 22.39 | | |
| 3 | 16QAM | 15 | 0 | 22.34 | 22.51 | 22.42 | | |
| 3 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.54 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.38 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 14 | 22.36 | 22.36 | 22.30 | | |
| 3 | 64QAM | 8 | 0 | 21.49 | 21.56 | 21.50 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.37 | 21.51 | 21.46 | | |
| 3 | 64QAM | 8 | 7 | 21.44 | 21.51 | 21.33 | | |
| 3 | 64QAM | 15 | 0 | 21.40 | 21.51 | 21.40 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.52 | 24.47 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.31 | 24.49 | 24.35 | | |
| 1.4 | QPSK | 1 | 5 | 24.34 | 24.43 | 24.34 | | |
| 1.4 | QPSK | 3 | 0 | 24.47 | 24.48 | 24.53 | | |
| 1.4 | QPSK | 3 | 1 | 24.43 | 24.49 | 24.39 | | |
| 1.4 | QPSK | 3 | 3 | 24.29 | 24.51 | 24.35 | | |
| 1.4 | QPSK | 6 | 0 | 23.49 | 23.57 | 23.51 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.37 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.36 | 23.46 | 23.25 | | |
| 1.4 | 16QAM | 1 | 5 | 23.27 | 23.39 | 23.26 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.59 | 23.45 | | |
| 1.4 | 16QAM | 3 | 1 | 23.47 | 23.51 | 23.44 | | |
| 1.4 | 16QAM | 3 | 3 | 23.35 | 23.47 | 23.33 | | |
| 1.4 | 16QAM | 6 | 0 | 22.42 | 22.51 | 22.40 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.38 | 22.60 | 22.48 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.43 | 22.48 | 22.42 | | |
| 1.4 | 64QAM | 1 | 5 | 22.33 | 22.36 | 22.28 | | |
| 1.4 | 64QAM | 3 | 0 | 22.48 | 22.51 | 22.46 | | |
| 1.4 | 64QAM | 3 | 1 | 22.36 | 22.46 | 22.34 | | |
| 1.4 | 64QAM | 3 | 3 | 22.34 | 22.47 | 22.35 | | |
| 1.4 | 64QAM | 6 | 0 | 21.40 | 21.57 | 21.33 | 22.5 | 3 |

## Band 12 Ant 0 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.76 | 24.68 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.51 | 24.65 | 24.54 | | |
| 10 | QPSK | 1 | 49 | 24.47 | 24.51 | 24.40 | | |
| 10 | QPSK | 25 | 0 | 23.65 | 23.69 | 23.63 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.59 | 23.64 | 23.55 | | |
| 10 | QPSK | 25 | 25 | 23.62 | 23.66 | 23.58 | | |
| 10 | QPSK | 50 | 0 | 23.53 | 23.57 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.72 | 23.82 | 23.76 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.66 | 23.72 | 23.65 | | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.54 | 23.46 | | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.73 | 22.60 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.65 | 22.61 | | |
| 10 | 16QAM | 25 | 25 | 22.66 | 22.69 | 22.64 | | |
| 10 | 16QAM | 50 | 0 | 22.51 | 22.58 | 22.46 | | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.78 | 22.69 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.60 | 22.72 | 22.57 | | |
| 10 | 64QAM | 1 | 49 | 22.42 | 22.54 | 22.45 | | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.77 | 21.64 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.60 | | |
| 10 | 64QAM | 25 | 25 | 21.69 | 21.73 | 21.64 | | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.63 | 21.55 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.44 | 24.65 | 24.60 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.42 | 24.51 | 24.46 | | |
| 5 | QPSK | 1 | 24 | 24.44 | 24.41 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.51 | 23.57 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.53 | 23.58 | 23.41 | | |
| 5 | QPSK | 12 | 13 | 23.51 | 23.59 | 23.49 | | |
| 5 | QPSK | 25 | 0 | 23.48 | 23.47 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.62 | 23.77 | 23.63 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.54 | 23.59 | 23.59 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.47 | 23.40 | | |
| 5 | 16QAM | 12 | 0 | 22.56 | 22.63 | 22.52 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.49 | 22.54 | 22.55 | | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.56 | 22.55 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.31 | | |
| 5 | 64QAM | 1 | 0 | 22.63 | 22.70 | 22.63 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.63 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.43 | 22.39 | | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.67 | 21.50 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.62 | 21.55 | | |
| 5 | 64QAM | 25 | 0 | 21.44 | 21.53 | 21.42 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.44 | 24.66 | 24.57 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.44 | 24.61 | 24.48 | | |
| 3 | QPSK | 1 | 14 | 24.38 | 24.36 | 24.25 | | |
| 3 | QPSK | 8 | 0 | 23.56 | 23.57 | 23.51 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.49 | 23.51 | 23.51 | | |
| 3 | QPSK | 8 | 7 | 23.58 | 23.62 | 23.46 | | |
| 3 | QPSK | 15 | 0 | 23.50 | 23.45 | 23.34 | | |
| 3 | 16QAM | 1 | 0 | 23.64 | 23.72 | 23.66 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.57 | 23.67 | 23.57 | | |
| 3 | 16QAM | 1 | 14 | 23.44 | 23.46 | 23.32 | | |
| 3 | 16QAM | 8 | 0 | 22.57 | 22.70 | 22.55 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.55 | 22.54 | 22.48 | | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.54 | 22.54 | | |
| 3 | 16QAM | 15 | 0 | 22.45 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.65 | 22.64 | 22.55 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.48 | 22.61 | 22.53 | | |
| 3 | 64QAM | 1 | 14 | 22.32 | 22.48 | 22.37 | | |
| 3 | 64QAM | 8 | 0 | 21.62 | 21.67 | 21.60 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.63 | 21.53 | | |
| 3 | 64QAM | 15 | 0 | 21.43 | 21.50 | 21.52 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.64 | 24.54 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.41 | 24.51 | 24.46 | | |
| 1.4 | QPSK | 1 | 5 | 24.38 | 24.36 | 24.31 | | |
| 1.4 | QPSK | 3 | 0 | 24.48 | 24.46 | 24.37 | | |
| 1.4 | QPSK | 3 | 1 | 24.44 | 24.52 | 24.48 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.40 | 24.32 | | |
| 1.4 | QPSK | 6 | 0 | 23.39 | 23.44 | 23.36 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.68 | 23.68 | 23.68 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.59 | 23.64 | 23.59 | | |
| 1.4 | 16QAM | 1 | 5 | 23.36 | 23.48 | 23.40 | | |
| 1.4 | 16QAM | 3 | 0 | 23.48 | 23.48 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.59 | 23.54 | 23.52 | | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.45 | 23.31 | | |
| 1.4 | 16QAM | 6 | 0 | 22.44 | 22.49 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.65 | 22.70 | 22.58 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.53 | 22.67 | 22.50 | | |
| 1.4 | 64QAM | 1 | 5 | 22.36 | 22.47 | 22.39 | | |
| 1.4 | 64QAM | 3 | 0 | 22.41 | 22.50 | 22.47 | | |
| 1.4 | 64QAM | 3 | 1 | 22.54 | 22.54 | 22.47 | | |
| 1.4 | 64QAM | 3 | 3 | 22.35 | 22.51 | 22.40 | | |
| 1.4 | 64QAM | 6 | 0 | 21.39 | 21.55 | 21.44 | 22.5 | 3 |

## Band 13 Ant 0 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.36 | | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | | 23.32 | | | |
| 10 | QPSK | 1 | 49 | | 23.23 | | | |
| 10 | QPSK | 25 | 0 | | 22.36 | | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | | 22.34 | | | |
| 10 | QPSK | 25 | 25 | | 22.29 | | | |
| 10 | QPSK | 50 | 0 | | 22.37 | | | |
| 10 | 16QAM | 1 | 0 | | 22.41 | | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.36 | | | |
| 10 | 16QAM | 1 | 49 | | 22.28 | | | |
| 10 | 16QAM | 25 | 0 | | 21.37 | | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.38 | | | |
| 10 | 16QAM | 25 | 25 | | 21.36 | | | |
| 10 | 16QAM | 50 | 0 | | 21.40 | | | |
| 10 | 64QAM | 1 | 0 | | 21.40 | | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | | |
| 10 | 64QAM | 1 | 49 | | 21.30 | | | |
| 10 | 64QAM | 25 | 0 | | 20.41 | | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.36 | | | |
| 10 | 64QAM | 25 | 25 | | 20.41 | | | |
| 10 | 64QAM | 50 | 0 | | 20.42 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 23.23 | 23.29 | 23.25 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.15 | 23.18 | 23.21 | | |
| 5 | QPSK | 1 | 24 | 23.05 | 23.18 | 23.03 | | |
| 5 | QPSK | 12 | 0 | 22.21 | 22.23 | 22.16 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.19 | 22.20 | 22.25 | | |
| 5 | QPSK | 12 | 13 | 22.12 | 22.19 | 22.09 | | |
| 5 | QPSK | 25 | 0 | 22.15 | 22.23 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.36 | 22.14 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.17 | 22.23 | 22.17 | | |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.19 | 22.15 | | |
| 5 | 16QAM | 12 | 0 | 21.28 | 21.32 | 21.16 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.19 | 21.26 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.16 | 21.30 | 21.26 | | |
| 5 | 16QAM | 25 | 0 | 21.16 | 21.32 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 21.24 | 21.30 | 21.27 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.24 | 21.27 | 21.17 | | |
| 5 | 64QAM | 1 | 24 | 21.23 | 21.24 | 21.11 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.31 | 20.20 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.20 | 20.29 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.38 | 20.27 | | |
| 5 | 64QAM | 25 | 0 | 20.21 | 20.28 | 20.23 | | |

## Band 17 Ant 0 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.61 | 24.73 | 24.66 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.43 | 24.58 | 24.49 | | |
| 10 | QPSK | 1 | 49 | 24.39 | 24.50 | 24.47 | | |
| 10 | QPSK | 25 | 0 | 23.61 | 23.66 | 23.59 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.58 | 23.64 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.50 | 23.61 | 23.50 | | |
| 10 | QPSK | 50 | 0 | 23.48 | 23.60 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.66 | 23.74 | 23.69 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.53 | 23.41 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.46 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.63 | 22.70 | 22.61 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.53 | 22.62 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.48 | 22.59 | 22.53 | | |
| 10 | 16QAM | 50 | 0 | 22.54 | 22.59 | 22.48 | | |
| 10 | 64QAM | 1 | 0 | 22.61 | 22.75 | 22.65 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.59 | 22.55 | | |
| 10 | 64QAM | 1 | 49 | 22.38 | 22.44 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.69 | 21.61 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.57 | | |
| 10 | 64QAM | 25 | 25 | 21.54 | 21.65 | 21.57 | | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.63 | 21.51 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.69 | 24.52 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.33 | 24.50 | 24.41 | | |
| 5 | QPSK | 1 | 24 | 24.25 | 24.44 | 24.44 | | |
| 5 | QPSK | 12 | 0 | 23.46 | 23.60 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.49 | 23.53 | 23.38 | | |
| 5 | QPSK | 12 | 13 | 23.36 | 23.52 | 23.42 | | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.51 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.59 | 23.67 | 23.61 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.49 | 23.36 | | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.34 | 23.26 | | |
| 5 | 16QAM | 12 | 0 | 22.49 | 22.58 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.41 | 22.56 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.41 | 22.53 | 22.41 | | |
| 5 | 16QAM | 25 | 0 | 22.42 | 22.56 | 22.34 | | |
| 5 | 64QAM | 1 | 0 | 22.52 | 22.65 | 22.56 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.46 | 22.46 | 22.51 | | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.41 | 22.28 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.60 | 21.54 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.50 | 21.50 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.59 | 21.51 | | |
| 5 | 64QAM | 25 | 0 | 21.45 | 21.55 | 21.38 | | |

## Band 26 Ant 0 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.48 | 24.61 | 24.42 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.39 | 24.49 | 24.38 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.39 | 24.35 | | |
| 15 | QPSK | 36 | 0 | 23.55 | 23.67 | 23.61 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.51 | 23.62 | 23.54 | | |
| 15 | QPSK | 36 | 39 | 23.50 | 23.55 | 23.43 | | |
| 15 | QPSK | 75 | 0 | 23.51 | 23.60 | 23.55 | | |
| 15 | 16QAM | 1 | 0 | 23.54 | 23.67 | 23.55 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.40 | 23.50 | 23.36 | | |
| 15 | 16QAM | 1 | 74 | 23.37 | 23.41 | 23.38 | | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.68 | 22.60 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.66 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.41 | 22.52 | 22.44 | | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.58 | 22.49 | | |
| 15 | 64QAM | 1 | 0 | 22.60 | 22.61 | 22.61 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.35 | 22.46 | 22.32 | | |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.39 | 22.30 | | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.69 | 21.56 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.70 | 21.61 | | |
| 15 | 64QAM | 36 | 39 | 21.48 | 21.57 | 21.51 | | |
| 15 | 64QAM | 75 | 0 | 21.56 | 21.63 | 21.55 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.50 | 24.29 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.35 | 24.34 | | |
| 10 | QPSK | 1 | 49 | 24.19 | 24.34 | 24.21 | | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.63 | 23.56 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.59 | 23.44 | | |
| 10 | QPSK | 25 | 25 | 23.39 | 23.51 | 23.37 | | |
| 10 | QPSK | 50 | 0 | 23.43 | 23.51 | 23.40 | | |
| 10 | 16QAM | 1 | 0 | 23.43 | 23.59 | 23.46 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.35 | 23.45 | 23.27 | | |
| 10 | 16QAM | 1 | 49 | 23.28 | 23.36 | 23.33 | | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.58 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.49 | 22.61 | 22.41 | | |
| 10 | 16QAM | 25 | 25 | 22.30 | 22.42 | 22.33 | | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.50 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.50 | 22.47 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.32 | 22.26 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.32 | 22.25 | | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.49 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.60 | 21.50 | | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.43 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.45 | 21.53 | 21.41 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.49 | 24.30 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.36 | 24.35 | 24.35 | | |
| 5 | QPSK | 1 | 24 | 24.24 | 24.31 | 24.21 | | |
| 5 | QPSK | 12 | 0 | 23.43 | 23.63 | 23.54 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.44 | 23.48 | 23.47 | | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.48 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.46 | 23.55 | 23.52 | | |
| 5 | 16QAM | 1 | 0 | 23.43 | 23.56 | 23.47 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.41 | 23.31 | | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.33 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.54 | 22.65 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.45 | 22.57 | 22.47 | | |
| 5 | 16QAM | 12 | 13 | 22.28 | 22.48 | 22.29 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.42 | | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.49 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.33 | 22.18 | | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.30 | 22.18 | | |
| 5 | 64QAM | 12 | 0 | 21.50 | 21.61 | 21.45 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.62 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.34 | 21.53 | 21.47 | | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.49 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.35 | 24.47 | 24.37 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.33 | 24.37 | 24.25 | | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.27 | 24.29 | | |
| 3 | QPSK | 8 | 0 | 23.44 | 23.62 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.51 | 23.48 | | |
| 3 | QPSK | 8 | 7 | 23.37 | 23.42 | 23.38 | | |
| 3 | QPSK | 15 | 0 | 23.41 | 23.50 | 23.47 | | |
| 3 | 16QAM | 1 | 0 | 23.42 | 23.53 | 23.48 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.25 | 23.37 | 23.26 | | |
| 3 | 16QAM | 1 | 14 | 23.30 | 23.32 | 23.33 | | |
| 3 | 16QAM | 8 | 0 | 22.58 | 22.60 | 22.52 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.48 | 22.57 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.35 | 22.38 | 22.38 | | |
| 3 | 16QAM | 15 | 0 | 22.42 | 22.51 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.54 | 22.49 | 22.56 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.26 | 22.39 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.35 | 22.23 | | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.57 | 21.51 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.44 | 21.45 | | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.59 | 21.49 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.42 | 24.47 | 24.27 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.24 | 24.41 | 24.25 | | |
| 1.4 | QPSK | 1 | 5 | 24.26 | 24.35 | 24.26 | | |
| 1.4 | QPSK | 3 | 0 | 24.39 | 24.49 | 24.46 | | |
| 1.4 | QPSK | 3 | 1 | 24.36 | 24.47 | 24.37 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.38 | 24.26 | | |
| 1.4 | QPSK | 6 | 0 | 23.40 | 23.56 | 23.46 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.50 | 23.54 | 23.47 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.35 | 23.36 | 23.24 | | |
| 1.4 | 16QAM | 1 | 5 | 23.34 | 23.30 | 23.28 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.53 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.46 | 23.56 | 23.34 | | |
| 1.4 | 16QAM | 3 | 3 | 23.26 | 23.38 | 23.27 | | |
| 1.4 | 16QAM | 6 | 0 | 22.40 | 22.46 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.49 | 22.48 | 22.57 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.24 | 22.36 | 22.27 | | |
| 1.4 | 64QAM | 1 | 5 | 22.24 | 22.31 | 22.19 | | |
| 1.4 | 64QAM | 3 | 0 | 22.50 | 22.50 | 22.37 | | |
| 1.4 | 64QAM | 3 | 1 | 22.50 | 22.55 | 22.46 | | |
| 1.4 | 64QAM | 3 | 3 | 22.29 | 22.46 | 22.39 | | |
| 1.4 | 64QAM | 6 | 0 | 21.48 | 21.54 | 21.50 | 22.5 | 3 |

**For Ant1**

GSM1900 Ant 1 DSI1

| 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 | 29.73 | 29.74 | 29.70 | 31.00 | 20.73 | 20.74 | 20.70 | 22.00 |
| GPRS 1 Tx slot | 29.78 | 29.66 | 29.73 | 31.00 | 20.78 | 20.66 | 20.73 | 22.00 |
| GPRS 2 Tx slots | 26.18 | 26.12 | 26.14 | 28.00 | 20.18 | 20.12 | 20.14 | 22.00 |
| GPRS 3 Tx slots | 24.37 | 24.30 | 24.26 | 26.20 | 20.11 | 20.04 | 20.00 | 21.94 |
| GPRS 4 Tx slots | 23.19 | 23.21 | 23.17 | 25.00 | 20.19 | 20.21 | 20.17 | 22.00 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

| | | WCDMA II Ant 1 DSI1 | | | | WCDMA IV Ant 1 DSI1 | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 24.19 | 24.30 | 24.12 | 25.10 | 24.31 | 24.35 | 24.28 | 25.10 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.34 | 24.39 | 24.27 | 25.10 | 24.42 | 24.44 | 24.37 | 25.10 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.52 | 23.62 | 23.72 | 24.30 | 23.62 | 23.58 | 23.54 | 24.10 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.44 | 23.63 | 23.52 | 24.30 | 23.50 | 23.59 | 23.42 | 24.10 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.95 | 22.96 | 22.93 | 23.60 | 23.22 | 23.21 | 23.00 | 23.60 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.91 | 22.96 | 22.95 | 23.60 | 23.02 | 23.23 | 22.93 | 23.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.45 | 23.78 | 23.68 | 24.30 | 23.38 | 23.67 | 23.44 | 24.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.55 | 23.81 | 23.68 | 24.30 | 23.52 | 23.53 | 23.65 | 24.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.94 | 23.05 | 23.04 | 23.60 | 22.88 | 22.98 | 22.95 | 23.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 23.07 | 23.14 | 22.91 | 23.60 | 22.86 | 23.08 | 22.69 | 23.60 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.68 | 23.66 | 23.51 | 24.30 | 23.68 | 23.67 | 23.60 | 24.10 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.43 | 20.50 | 20.38 | 21.10 | 21.50 | 21.61 | 21.45 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.53 | 21.47 | 21.38 | 22.10 | 22.51 | 22.67 | 22.47 | 23.10 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.51 | 20.56 | 20.35 | 21.10 | 21.60 | 21.75 | 21.57 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.67 | 23.91 | 23.78 | 24.30 | 23.31 | 23.57 | 23.49 | 24.10 |

## Band 2 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 23.71 | 23.82 | 23.78 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.67 | 23.75 | 23.72 | | |
| 20 | QPSK | 1 | 99 | 23.69 | 23.73 | 23.60 | | |
| 20 | QPSK | 50 | 0 | 23.03 | 23.11 | 23.03 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.90 | 23.05 | 23.00 | | |
| 20 | QPSK | 50 | 50 | 22.91 | 22.98 | 22.83 | | |
| 20 | QPSK | 100 | 0 | 22.93 | 23.01 | 22.89 | | |
| 20 | 16QAM | 1 | 0 | 23.08 | 23.19 | 23.11 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.21 | 23.09 | | |
| 20 | 16QAM | 1 | 99 | 23.26 | 23.31 | 23.21 | | |
| 20 | 16QAM | 50 | 0 | 21.99 | 22.06 | 22.02 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 22.00 | 22.05 | 21.92 | | |
| 20 | 16QAM | 50 | 50 | 22.01 | 22.14 | 22.05 | | |
| 20 | 16QAM | 100 | 0 | 22.00 | 22.04 | 21.90 | | |
| 20 | 64QAM | 1 | 0 | 22.04 | 22.12 | 22.00 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.98 | 22.08 | 22.03 | | |
| 20 | 64QAM | 1 | 99 | 22.08 | 22.14 | 22.09 | | |
| 20 | 64QAM | 50 | 0 | 20.99 | 21.07 | 20.92 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.91 | 21.04 | 20.99 | | |
| 20 | 64QAM | 50 | 50 | 20.97 | 21.06 | 20.92 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 21.03 | 20.97 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 23.68 | 23.71 | 23.66 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.54 | 23.62 | 23.62 | | |
| 15 | QPSK | 1 | 74 | 23.59 | 23.65 | 23.51 | | |
| 15 | QPSK | 36 | 0 | 22.99 | 22.99 | 22.92 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.83 | 22.91 | 22.94 | | |
| 15 | QPSK | 36 | 39 | 22.84 | 22.88 | 22.71 | | |
| 15 | QPSK | 75 | 0 | 22.78 | 22.87 | 22.84 | | |
| 15 | 16QAM | 1 | 0 | 22.95 | 23.10 | 22.99 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.08 | 22.98 | | |
| 15 | 16QAM | 1 | 74 | 23.12 | 23.23 | 23.14 | | |
| 15 | 16QAM | 36 | 0 | 21.90 | 21.94 | 21.91 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.91 | 21.96 | 21.89 | | |
| 15 | 16QAM | 36 | 39 | 21.97 | 22.02 | 21.94 | | |
| 15 | 16QAM | 75 | 0 | 21.89 | 21.96 | 21.82 | | |
| 15 | 64QAM | 1 | 0 | 21.95 | 22.04 | 21.94 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.83 | 22.02 | 21.91 | | |
| 15 | 64QAM | 1 | 74 | 22.03 | 22.08 | 22.02 | | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.94 | 20.85 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.91 | 20.93 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 21.00 | 20.79 | | |
| 15 | 64QAM | 75 | 0 | 20.85 | 20.99 | 20.85 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 23.62 | 23.75 | 23.65 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.63 | 23.65 | 23.68 | | |
| 10 | QPSK | 1 | 49 | 23.54 | 23.63 | 23.57 | | |
| 10 | QPSK | 25 | 0 | 22.99 | 22.97 | 22.98 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.99 | 22.94 | | |
| 10 | QPSK | 25 | 25 | 22.78 | 22.86 | 22.79 | | |
| 10 | QPSK | 50 | 0 | 22.86 | 22.89 | 22.76 | | |
| 10 | 16QAM | 1 | 0 | 22.99 | 23.10 | 23.00 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.16 | 23.03 | | |
| 10 | 16QAM | 1 | 49 | 23.18 | 23.17 | 23.09 | | |
| 10 | 16QAM | 25 | 0 | 21.85 | 21.95 | 21.92 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.92 | 21.91 | 21.77 | | |
| 10 | 16QAM | 25 | 25 | 21.96 | 22.03 | 21.98 | | |
| 10 | 16QAM | 50 | 0 | 21.97 | 21.90 | 21.84 | | |
| 10 | 64QAM | 1 | 0 | 21.92 | 22.07 | 21.87 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.85 | 21.97 | 21.91 | | |
| 10 | 64QAM | 1 | 49 | 22.03 | 22.07 | 22.01 | | |
| 10 | 64QAM | 25 | 0 | 20.87 | 20.94 | 20.79 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.00 | 20.95 | | |
| 10 | 64QAM | 25 | 25 | 20.88 | 20.92 | 20.80 | | |
| 10 | 64QAM | 50 | 0 | 20.91 | 20.92 | 20.87 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.78 | 23.70 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.62 | 23.68 | 23.61 | | |
| 5 | QPSK | 1 | 24 | 23.64 | 23.64 | 23.46 | | |
| 5 | QPSK | 12 | 0 | 22.99 | 23.06 | 22.96 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.80 | 22.92 | 22.91 | | |
| 5 | QPSK | 12 | 13 | 22.78 | 22.91 | 22.72 | | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.87 | 22.86 | | |
| 5 | 16QAM | 1 | 0 | 22.95 | 23.09 | 23.02 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.93 | 23.15 | 23.01 | | |
| 5 | 16QAM | 1 | 24 | 23.22 | 23.26 | 23.12 | | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.92 | 21.98 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.88 | 22.02 | 21.80 | | |
| 5 | 16QAM | 12 | 13 | 21.88 | 22.05 | 21.99 | | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.89 | 21.84 | | |
| 5 | 64QAM | 1 | 0 | 22.01 | 21.99 | 21.90 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.88 | 22.01 | 21.95 | | |
| 5 | 64QAM | 1 | 24 | 21.97 | 22.04 | 22.01 | | |
| 5 | 64QAM | 12 | 0 | 20.95 | 21.01 | 20.85 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.84 | 20.97 | 20.90 | | |
| 5 | 64QAM | 12 | 13 | 20.90 | 20.99 | 20.82 | | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.95 | 20.84 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 23.65 | 23.73 | 23.68 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.61 | 23.67 | 23.67 | | |
| 3 | QPSK | 1 | 14 | 23.65 | 23.59 | 23.56 | | |
| 3 | QPSK | 8 | 0 | 22.90 | 22.96 | 22.90 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.87 | 22.99 | 22.86 | | |
| 3 | QPSK | 8 | 7 | 22.76 | 22.94 | 22.74 | | |
| 3 | QPSK | 15 | 0 | 22.84 | 22.87 | 22.75 | | |
| 3 | 16QAM | 1 | 0 | 23.04 | 23.16 | 23.00 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.96 | 23.16 | 23.05 | | |
| 3 | 16QAM | 1 | 14 | 23.22 | 23.17 | 23.18 | | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.95 | 21.94 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.91 | 21.82 | | |
| 3 | 16QAM | 8 | 7 | 21.96 | 22.11 | 21.93 | | |
| 3 | 16QAM | 15 | 0 | 21.86 | 21.99 | 21.79 | | |
| 3 | 64QAM | 1 | 0 | 21.96 | 22.03 | 21.93 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.90 | 22.04 | 21.92 | | |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.01 | 21.98 | | |
| 3 | 64QAM | 8 | 0 | 20.91 | 20.97 | 20.85 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.83 | 20.91 | 20.87 | | |
| 3 | 64QAM | 8 | 7 | 20.83 | 20.93 | 20.82 | | |
| 3 | 64QAM | 15 | 0 | 20.91 | 20.88 | 20.86 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.59 | 23.76 | 23.73 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.67 | 23.61 | | |
| 1.4 | QPSK | 1 | 5 | 23.58 | 23.63 | 23.53 | | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.80 | 23.73 | | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.76 | 23.72 | | |
| 1.4 | QPSK | 3 | 3 | 23.58 | 23.65 | 23.59 | | |
| 1.4 | QPSK | 6 | 0 | 22.90 | 22.87 | 22.79 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.02 | 23.12 | 22.99 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 23.11 | 22.99 | | |
| 1.4 | 16QAM | 1 | 5 | 23.16 | 23.17 | 23.14 | | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.94 | 22.95 | | |
| 1.4 | 16QAM | 3 | 1 | 22.91 | 22.99 | 22.88 | | |
| 1.4 | 16QAM | 3 | 3 | 22.88 | 23.06 | 22.93 | | |
| 1.4 | 16QAM | 6 | 0 | 21.89 | 21.99 | 21.86 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.99 | 22.08 | 21.90 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.89 | 22.04 | 21.97 | | |
| 1.4 | 64QAM | 1 | 5 | 22.01 | 22.00 | 21.95 | | |
| 1.4 | 64QAM | 3 | 0 | 21.85 | 21.93 | 21.79 | | |
| 1.4 | 64QAM | 3 | 1 | 21.85 | 21.97 | 21.90 | | |
| 1.4 | 64QAM | 3 | 3 | 21.91 | 21.97 | 21.88 | | |
| 1.4 | 64QAM | 6 | 0 | 20.92 | 20.88 | 20.92 | 22.1 | 3 |

## Band 4 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 23.92 | 23.95 | 23.86 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.73 | 23.82 | 23.77 | | |
| 20 | QPSK | 1 | 99 | 23.82 | 23.87 | 23.77 | | |
| 20 | QPSK | 50 | 0 | 22.87 | 23.00 | 22.85 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.85 | 22.92 | 22.78 | | |
| 20 | QPSK | 50 | 50 | 22.88 | 22.98 | 22.92 | | |
| 20 | QPSK | 100 | 0 | 22.83 | 22.93 | 22.79 | | |
| 20 | 16QAM | 1 | 0 | 22.83 | 22.97 | 22.83 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.70 | 22.77 | 22.72 | | |
| 20 | 16QAM | 1 | 99 | 22.81 | 22.91 | 22.87 | | |
| 20 | 16QAM | 50 | 0 | 21.88 | 21.95 | 21.82 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.81 | 21.90 | 21.81 | | |
| 20 | 16QAM | 50 | 50 | 21.84 | 21.97 | 21.92 | | |
| 20 | 16QAM | 100 | 0 | 21.88 | 21.93 | 21.79 | | |
| 20 | 64QAM | 1 | 0 | 21.82 | 21.93 | 21.80 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.64 | 21.75 | 21.60 | | |
| 20 | 64QAM | 1 | 99 | 21.84 | 21.90 | 21.87 | | |
| 20 | 64QAM | 50 | 0 | 20.90 | 20.93 | 20.87 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.77 | 20.87 | 20.74 | | |
| 20 | 64QAM | 50 | 50 | 20.92 | 20.99 | 20.88 | | |
| 20 | 64QAM | 100 | 0 | 20.75 | 20.90 | 20.82 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 23.82 | 23.86 | 23.76 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.64 | 23.78 | 23.73 | | |
| 15 | QPSK | 1 | 74 | 23.67 | 23.76 | 23.66 | | |
| 15 | QPSK | 36 | 0 | 22.76 | 22.95 | 22.81 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.81 | 22.88 | 22.64 | | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.88 | 22.86 | | |
| 15 | QPSK | 75 | 0 | 22.77 | 22.84 | 22.70 | | |
| 15 | 16QAM | 1 | 0 | 22.73 | 22.86 | 22.79 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.58 | 22.65 | 22.62 | | |
| 15 | 16QAM | 1 | 74 | 22.70 | 22.79 | 22.76 | | |
| 15 | 16QAM | 36 | 0 | 21.85 | 21.81 | 21.68 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.76 | 21.82 | 21.70 | | |
| 15 | 16QAM | 36 | 39 | 21.77 | 21.83 | 21.85 | | |
| 15 | 16QAM | 75 | 0 | 21.74 | 21.80 | 21.68 | | |
| 15 | 64QAM | 1 | 0 | 21.71 | 21.86 | 21.76 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.52 | 21.65 | 21.56 | | |
| 15 | 64QAM | 1 | 74 | 21.75 | 21.75 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 20.81 | 20.88 | 20.81 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.69 | 20.73 | 20.66 | | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.87 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.64 | 20.78 | 20.78 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 23.88 | 23.89 | 23.76 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.60 | 23.76 | 23.66 | | |
| 10 | QPSK | 1 | 49 | 23.74 | 23.74 | 23.66 | | |
| 10 | QPSK | 25 | 0 | 22.83 | 22.88 | 22.73 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.70 | 22.80 | 22.72 | | |
| 10 | QPSK | 25 | 25 | 22.80 | 22.88 | 22.84 | | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.83 | 22.70 | | |
| 10 | 16QAM | 1 | 0 | 22.73 | 22.91 | 22.69 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.60 | 22.65 | 22.66 | | |
| 10 | 16QAM | 1 | 49 | 22.77 | 22.83 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 21.81 | 21.81 | 21.70 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.75 | 21.82 | 21.72 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.83 | 21.81 | | |
| 10 | 16QAM | 50 | 0 | 21.79 | 21.82 | 21.75 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.88 | 21.68 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.51 | 21.63 | 21.51 | | |
| 10 | 64QAM | 1 | 49 | 21.70 | 21.86 | 21.77 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.86 | 20.83 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.68 | 20.77 | 20.62 | | |
| 10 | 64QAM | 25 | 25 | 20.85 | 20.86 | 20.79 | | |
| 10 | 64QAM | 50 | 0 | 20.67 | 20.76 | 20.77 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 23.85 | 23.81 | 23.77 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.62 | 23.75 | 23.71 | | |
| 5 | QPSK | 1 | 24 | 23.73 | 23.72 | 23.67 | | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.89 | 22.81 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.72 | 22.80 | 22.65 | | |
| 5 | QPSK | 12 | 13 | 22.80 | 22.85 | 22.86 | | |
| 5 | QPSK | 25 | 0 | 22.73 | 22.85 | 22.74 | | |
| 5 | 16QAM | 1 | 0 | 22.75 | 22.91 | 22.80 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.66 | 22.73 | 22.60 | | |
| 5 | 16QAM | 1 | 24 | 22.71 | 22.77 | 22.76 | | |
| 5 | 16QAM | 12 | 0 | 21.80 | 21.85 | 21.72 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.87 | 21.77 | | |
| 5 | 16QAM | 12 | 13 | 21.80 | 21.92 | 21.77 | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.84 | 21.75 | | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.85 | 21.71 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.50 | 21.61 | 21.47 | | |
| 5 | 64QAM | 1 | 24 | 21.70 | 21.75 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 20.83 | 20.82 | 20.80 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.65 | 20.82 | 20.64 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.86 | 20.85 | | |
| 5 | 64QAM | 25 | 0 | 20.63 | 20.76 | 20.74 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 23.87 | 23.87 | 23.78 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.62 | 23.79 | 23.64 | | |
| 3 | QPSK | 1 | 14 | 23.75 | 23.74 | 23.68 | | |
| 3 | QPSK | 8 | 0 | 22.77 | 22.86 | 22.79 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.81 | 22.83 | 22.64 | | |
| 3 | QPSK | 8 | 7 | 22.75 | 22.93 | 22.80 | | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.81 | 22.68 | | |
| 3 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.76 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.67 | 22.65 | 22.68 | | |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.83 | 22.74 | | |
| 3 | 16QAM | 8 | 0 | 21.85 | 21.84 | 21.76 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.71 | 21.78 | 21.69 | | |
| 3 | 16QAM | 8 | 7 | 21.76 | 21.90 | 21.81 | | |
| 3 | 16QAM | 15 | 0 | 21.78 | 21.78 | 21.68 | | |
| 3 | 64QAM | 1 | 0 | 21.68 | 21.86 | 21.69 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.57 | 21.61 | 21.50 | | |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.86 | 21.72 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.86 | 20.80 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.65 | 20.78 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.92 | 20.84 | | |
| 3 | 64QAM | 15 | 0 | 20.70 | 20.83 | 20.75 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.84 | 23.89 | 23.81 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.66 | 23.70 | 23.74 | | |
| 1.4 | QPSK | 1 | 5 | 23.78 | 23.81 | 23.65 | | |
| 1.4 | QPSK | 3 | 0 | 23.69 | 23.89 | 23.73 | | |
| 1.4 | QPSK | 3 | 1 | 23.74 | 23.81 | 23.67 | | |
| 1.4 | QPSK | 3 | 3 | 23.80 | 23.78 | 23.74 | | |
| 1.4 | QPSK | 6 | 0 | 22.75 | 22.84 | 22.68 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.75 | 22.87 | 22.70 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.59 | 22.72 | 22.61 | | |
| 1.4 | 16QAM | 1 | 5 | 22.71 | 22.80 | 22.80 | | |
| 1.4 | 16QAM | 3 | 0 | 22.79 | 22.84 | 22.63 | | |
| 1.4 | 16QAM | 3 | 1 | 22.61 | 22.76 | 22.70 | | |
| 1.4 | 16QAM | 3 | 3 | 22.67 | 22.79 | 22.78 | | |
| 1.4 | 16QAM | 6 | 0 | 21.74 | 21.80 | 21.71 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.70 | 21.81 | 21.74 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.53 | 21.61 | 21.55 | | |
| 1.4 | 64QAM | 1 | 5 | 21.72 | 21.79 | 21.79 | | |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.75 | 21.72 | | |
| 1.4 | 64QAM | 3 | 1 | 21.60 | 21.68 | 21.59 | | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.86 | 21.73 | | |
| 1.4 | 64QAM | 6 | 0 | 20.62 | 20.77 | 20.73 | 22.1 | 3 |

## Band 7 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 21.71 | 21.88 | 21.76 | 23.1 | 0 |
| 20 | QPSK | 1 | 49 | 21.64 | 21.76 | 21.62 | | |
| 20 | QPSK | 1 | 99 | 21.83 | 21.84 | 21.80 | | |
| 20 | QPSK | 50 | 0 | 21.73 | 21.83 | 21.64 | 23.1 | 0 |
| 20 | QPSK | 50 | 24 | 21.60 | 21.70 | 21.54 | | |
| 20 | QPSK | 50 | 50 | 21.77 | 21.75 | 21.71 | | |
| 20 | QPSK | 100 | 0 | 21.70 | 21.73 | 21.61 | | |
| 20 | 16QAM | 1 | 0 | 21.75 | 21.78 | 21.61 | 23.1 | 0 |
| 20 | 16QAM | 1 | 49 | 21.56 | 21.72 | 21.53 | | |
| 20 | 16QAM | 1 | 99 | 21.76 | 21.73 | 21.75 | | |
| 20 | 16QAM | 50 | 0 | 21.54 | 21.50 | 21.54 | 22.7 | 0.4 |
| 20 | 16QAM | 50 | 24 | 21.56 | 21.54 | 21.47 | | |
| 20 | 16QAM | 50 | 50 | 21.44 | 21.56 | 21.42 | | |
| 20 | 16QAM | 100 | 0 | 21.30 | 21.53 | 21.50 | | |
| 20 | 64QAM | 1 | 0 | 21.53 | 21.46 | 21.37 | 22.7 | 0.4 |
| 20 | 64QAM | 1 | 49 | 21.35 | 21.36 | 21.29 | | |
| 20 | 64QAM | 1 | 99 | 21.46 | 21.51 | 21.32 | | |
| 20 | 64QAM | 50 | 0 | 20.55 | 20.59 | 20.56 | 21.7 | 1.4 |
| 20 | 64QAM | 50 | 24 | 20.56 | 20.55 | 20.47 | | |
| 20 | 64QAM | 50 | 50 | 20.39 | 20.55 | 20.46 | | |
| 20 | 64QAM | 100 | 0 | 20.36 | 20.56 | 20.53 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 21.83 | 21.76 | 21.69 | 23.1 | 0 |
| 15 | QPSK | 1 | 37 | 21.56 | 21.66 | 21.59 | | |
| 15 | QPSK | 1 | 74 | 21.69 | 21.70 | 21.69 | | |
| 15 | QPSK | 36 | 0 | 21.66 | 21.72 | 21.52 | 23.1 | 0 |
| 15 | QPSK | 36 | 20 | 21.49 | 21.62 | 21.44 | | |
| 15 | QPSK | 36 | 39 | 21.68 | 21.65 | 21.65 | | |
| 15 | QPSK | 75 | 0 | 21.56 | 21.65 | 21.58 | | |
| 15 | 16QAM | 1 | 0 | 21.65 | 21.73 | 21.52 | 23.1 | 0 |
| 15 | 16QAM | 1 | 37 | 21.42 | 21.66 | 21.41 | | |
| 15 | 16QAM | 1 | 74 | 21.70 | 21.62 | 21.68 | | |
| 15 | 16QAM | 36 | 0 | 21.49 | 21.42 | 21.51 | 22.7 | 0.4 |
| 15 | 16QAM | 36 | 20 | 21.47 | 21.48 | 21.40 | | |
| 15 | 16QAM | 36 | 39 | 21.30 | 21.53 | 21.35 | | |
| 15 | 16QAM | 75 | 0 | 21.21 | 21.42 | 21.41 | | |
| 15 | 64QAM | 1 | 0 | 21.44 | 21.34 | 21.23 | 22.7 | 0.4 |
| 15 | 64QAM | 1 | 37 | 21.28 | 21.26 | 21.25 | | |
| 15 | 64QAM | 1 | 74 | 21.33 | 21.46 | 21.23 | | |
| 15 | 64QAM | 36 | 0 | 20.49 | 20.47 | 20.48 | 21.7 | 1.4 |
| 15 | 64QAM | 36 | 20 | 20.42 | 20.52 | 20.39 | | |
| 15 | 64QAM | 36 | 39 | 20.31 | 20.51 | 20.36 | | |
| 15 | 64QAM | 75 | 0 | 20.31 | 20.43 | 20.49 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 21.83 | 21.75 | 21.60 | 23.1 | 0 |
| 10 | QPSK | 1 | 25 | 21.59 | 21.73 | 21.54 | | |
| 10 | QPSK | 1 | 49 | 21.78 | 21.69 | 21.68 | | |
| 10 | QPSK | 25 | 0 | 21.65 | 21.72 | 21.56 | 23.1 | 0 |
| 10 | QPSK | 25 | 12 | 21.50 | 21.58 | 21.44 | | |
| 10 | QPSK | 25 | 25 | 21.71 | 21.63 | 21.57 | | |
| 10 | QPSK | 50 | 0 | 21.61 | 21.64 | 21.57 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.67 | 21.47 | 23.1 | 0 |
| 10 | 16QAM | 1 | 25 | 21.44 | 21.68 | 21.39 | | |
| 10 | 16QAM | 1 | 49 | 21.62 | 21.66 | 21.62 | | |
| 10 | 16QAM | 25 | 0 | 21.51 | 21.38 | 21.41 | 22.7 | 0.4 |
| 10 | 16QAM | 25 | 12 | 21.47 | 21.48 | 21.42 | | |
| 10 | 16QAM | 25 | 25 | 21.39 | 21.51 | 21.31 | | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.49 | 21.39 | | |
| 10 | 64QAM | 1 | 0 | 21.45 | 21.42 | 21.31 | 22.7 | 0.4 |
| 10 | 64QAM | 1 | 25 | 21.25 | 21.22 | 21.22 | | |
| 10 | 64QAM | 1 | 49 | 21.41 | 21.38 | 21.27 | | |
| 10 | 64QAM | 25 | 0 | 20.50 | 20.47 | 20.47 | 21.7 | 1.4 |
| 10 | 64QAM | 25 | 12 | 20.49 | 20.52 | 20.38 | | |
| 10 | 64QAM | 25 | 25 | 20.26 | 20.49 | 20.43 | | |
| 10 | 64QAM | 50 | 0 | 20.28 | 20.51 | 20.41 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 21.77 | 21.77 | 21.60 | 23.1 | 0 |
| 5 | QPSK | 1 | 12 | 21.49 | 21.68 | 21.53 | | |
| 5 | QPSK | 1 | 24 | 21.78 | 21.73 | 21.66 | | |
| 5 | QPSK | 12 | 0 | 21.66 | 21.71 | 21.54 | 23.1 | 0 |
| 5 | QPSK | 12 | 7 | 21.47 | 21.60 | 21.45 | | |
| 5 | QPSK | 12 | 13 | 21.68 | 21.68 | 21.56 | | |
| 5 | QPSK | 25 | 0 | 21.60 | 21.58 | 21.50 | | |
| 5 | 16QAM | 1 | 0 | 21.68 | 21.67 | 21.56 | 23.1 | 0 |
| 5 | 16QAM | 1 | 12 | 21.45 | 21.63 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.71 | 21.67 | 21.70 | | |
| 5 | 16QAM | 12 | 0 | 21.39 | 21.38 | 21.44 | 22.7 | 0.4 |
| 5 | 16QAM | 12 | 7 | 21.48 | 21.46 | 21.40 | | |
| 5 | 16QAM | 12 | 13 | 21.38 | 21.47 | 21.37 | | |
| 5 | 16QAM | 25 | 0 | 21.22 | 21.45 | 21.44 | | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.32 | 21.33 | 22.7 | 0.4 |
| 5 | 64QAM | 1 | 12 | 21.23 | 21.30 | 21.24 | | |
| 5 | 64QAM | 1 | 24 | 21.33 | 21.39 | 21.20 | | |
| 5 | 64QAM | 12 | 0 | 20.41 | 20.51 | 20.52 | 21.7 | 1.4 |
| 5 | 64QAM | 12 | 7 | 20.53 | 20.52 | 20.37 | | |
| 5 | 64QAM | 12 | 13 | 20.31 | 20.41 | 20.38 | | |
| 5 | 64QAM | 25 | 0 | 20.33 | 20.49 | 20.46 | | |

## Band 25 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 23.80 | 23.93 | 23.87 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.71 | 23.84 | 23.80 | | |
| 20 | QPSK | 1 | 99 | 23.83 | 23.88 | 23.83 | | |
| 20 | QPSK | 50 | 0 | 22.91 | 23.04 | 22.91 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.88 | 22.95 | 22.86 | | |
| 20 | QPSK | 50 | 50 | 22.93 | 23.02 | 22.91 | | |
| 20 | QPSK | 100 | 0 | 23.01 | 23.06 | 22.93 | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 22.95 | 22.86 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.74 | 22.84 | 22.77 | | |
| 20 | 16QAM | 1 | 99 | 22.80 | 22.94 | 22.88 | | |
| 20 | 16QAM | 50 | 0 | 21.91 | 22.01 | 21.90 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.87 | 21.91 | 21.82 | | |
| 20 | 16QAM | 50 | 50 | 21.99 | 22.08 | 21.89 | | |
| 20 | 16QAM | 100 | 0 | 22.03 | 22.02 | 21.88 | | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.93 | 21.83 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.78 | 21.84 | 21.73 | | |
| 20 | 64QAM | 1 | 99 | 21.78 | 21.97 | 21.88 | | |
| 20 | 64QAM | 50 | 0 | 20.97 | 20.98 | 20.90 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.95 | 20.80 | | |
| 20 | 64QAM | 50 | 50 | 20.96 | 21.02 | 20.86 | | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.89 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 23.73 | 23.90 | 23.75 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.62 | 23.81 | 23.71 | | |
| 15 | QPSK | 1 | 74 | 23.69 | 23.77 | 23.79 | | |
| 15 | QPSK | 36 | 0 | 22.87 | 22.98 | 22.86 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.80 | 22.84 | 22.80 | | |
| 15 | QPSK | 36 | 39 | 22.79 | 22.92 | 22.77 | | |
| 15 | QPSK | 75 | 0 | 22.89 | 23.02 | 22.89 | | |
| 15 | 16QAM | 1 | 0 | 22.69 | 22.84 | 22.77 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.64 | 22.70 | 22.69 | | |
| 15 | 16QAM | 1 | 74 | 22.73 | 22.86 | 22.78 | | |
| 15 | 16QAM | 36 | 0 | 21.77 | 21.94 | 21.87 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.77 | 21.78 | 21.75 | | |
| 15 | 16QAM | 36 | 39 | 21.90 | 22.00 | 21.74 | | |
| 15 | 16QAM | 75 | 0 | 21.93 | 21.94 | 21.80 | | |
| 15 | 64QAM | 1 | 0 | 21.61 | 21.88 | 21.73 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.65 | 21.78 | 21.65 | | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.84 | 21.78 | | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.90 | 20.82 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.91 | 20.69 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 20.88 | 20.72 | | |
| 15 | 64QAM | 75 | 0 | 20.90 | 21.01 | 20.84 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 23.69 | 23.82 | 23.74 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.65 | 23.79 | 23.73 | | |
| 10 | QPSK | 1 | 49 | 23.77 | 23.78 | 23.76 | | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.99 | 22.85 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.77 | 22.83 | 22.81 | | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.88 | 22.87 | | |
| 10 | QPSK | 50 | 0 | 22.91 | 23.02 | 22.82 | | |
| 10 | 16QAM | 1 | 0 | 22.63 | 22.87 | 22.82 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.59 | 22.72 | 22.66 | | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.88 | 22.77 | | |
| 10 | 16QAM | 25 | 0 | 21.77 | 21.89 | 21.78 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.82 | 21.88 | 21.71 | | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.99 | 21.83 | | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.89 | 21.84 | | |
| 10 | 64QAM | 1 | 0 | 21.65 | 21.89 | 21.74 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.65 | | |
| 10 | 64QAM | 1 | 49 | 21.64 | 21.87 | 21.76 | | |
| 10 | 64QAM | 25 | 0 | 20.91 | 20.86 | 20.77 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.83 | 20.83 | 20.67 | | |
| 10 | 64QAM | 25 | 25 | 20.92 | 20.91 | 20.74 | | |
| 10 | 64QAM | 50 | 0 | 20.89 | 20.96 | 20.74 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 23.77 | 23.82 | 23.73 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.80 | 23.72 | | |
| 5 | QPSK | 1 | 24 | 23.78 | 23.74 | 23.76 | | |
| 5 | QPSK | 12 | 0 | 22.81 | 22.99 | 22.85 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.74 | 22.81 | 22.73 | | |
| 5 | QPSK | 12 | 13 | 22.86 | 22.94 | 22.78 | | |
| 5 | QPSK | 25 | 0 | 22.91 | 23.03 | 22.89 | | |
| 5 | 16QAM | 1 | 0 | 22.70 | 22.87 | 22.82 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.67 | 22.76 | 22.68 | | |
| 5 | 16QAM | 1 | 24 | 22.73 | 22.84 | 22.82 | | |
| 5 | 16QAM | 12 | 0 | 21.82 | 21.88 | 21.76 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.78 | 21.86 | 21.75 | | |
| 5 | 16QAM | 12 | 13 | 21.88 | 22.01 | 21.81 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 21.92 | 21.82 | | |
| 5 | 64QAM | 1 | 0 | 21.63 | 21.78 | 21.77 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.73 | 21.81 | 21.61 | | |
| 5 | 64QAM | 1 | 24 | 21.65 | 21.86 | 21.81 | | |
| 5 | 64QAM | 12 | 0 | 20.85 | 20.93 | 20.80 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.83 | 20.80 | 20.74 | | |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.89 | 20.81 | | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.97 | 20.80 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 23.70 | 23.83 | 23.79 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.59 | 23.75 | 23.71 | | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.79 | 23.73 | | |
| 3 | QPSK | 8 | 0 | 22.81 | 22.95 | 22.79 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.75 | 22.90 | 22.81 | | |
| 3 | QPSK | 8 | 7 | 22.85 | 22.94 | 22.80 | | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.95 | 22.82 | | |
| 3 | 16QAM | 1 | 0 | 22.70 | 22.88 | 22.79 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.70 | 22.76 | 22.69 | | |
| 3 | 16QAM | 1 | 14 | 22.74 | 22.82 | 22.79 | | |
| 3 | 16QAM | 8 | 0 | 21.81 | 21.93 | 21.86 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.75 | 21.76 | 21.73 | | |
| 3 | 16QAM | 8 | 7 | 21.86 | 21.94 | 21.75 | | |
| 3 | 16QAM | 15 | 0 | 21.93 | 21.89 | 21.82 | | |
| 3 | 64QAM | 1 | 0 | 21.62 | 21.81 | 21.77 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.72 | 21.61 | | |
| 3 | 64QAM | 1 | 14 | 21.63 | 21.84 | 21.77 | | |
| 3 | 64QAM | 8 | 0 | 20.92 | 20.86 | 20.84 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.82 | 20.82 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.95 | 20.74 | | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.95 | 20.83 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.75 | 23.90 | 23.82 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.67 | 23.72 | 23.66 | | |
| 1.4 | QPSK | 1 | 5 | 23.79 | 23.77 | 23.69 | | |
| 1.4 | QPSK | 3 | 0 | 23.77 | 23.85 | 23.76 | | |
| 1.4 | QPSK | 3 | 1 | 23.77 | 23.84 | 23.74 | | |
| 1.4 | QPSK | 3 | 3 | 23.75 | 23.90 | 23.75 | | |
| 1.4 | QPSK | 6 | 0 | 22.94 | 22.92 | 22.86 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.64 | 22.86 | 22.75 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.62 | 22.73 | 22.71 | | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.73 | | |
| 1.4 | 16QAM | 3 | 0 | 22.75 | 22.91 | 22.77 | | |
| 1.4 | 16QAM | 3 | 1 | 22.79 | 22.72 | 22.65 | | |
| 1.4 | 16QAM | 3 | 3 | 22.89 | 23.00 | 22.71 | | |
| 1.4 | 16QAM | 6 | 0 | 21.93 | 21.91 | 21.76 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.83 | 21.76 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.72 | 21.70 | 21.63 | | |
| 1.4 | 64QAM | 1 | 5 | 21.72 | 21.87 | 21.82 | | |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.79 | 21.70 | | |
| 1.4 | 64QAM | 3 | 1 | 21.75 | 21.80 | 21.69 | | |
| 1.4 | 64QAM | 3 | 3 | 21.78 | 21.83 | 21.71 | | |
| 1.4 | 64QAM | 6 | 0 | 20.87 | 21.00 | 20.80 | 22.1 | 3 |

## Band 66 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.08 | 24.04 | 25.1 | 0 |
| 20 | QPSK | 1 | 49 | 23.88 | 23.94 | 23.84 | | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.92 | 23.84 | | |
| 20 | QPSK | 50 | 0 | 23.00 | 23.04 | 23.00 | 24.1 | 1 |
| 20 | QPSK | 50 | 24 | 22.95 | 23.02 | 22.88 | | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.88 | 22.74 | | |
| 20 | QPSK | 100 | 0 | 22.90 | 23.01 | 22.95 | | |
| 20 | 16QAM | 1 | 0 | 23.04 | 23.13 | 23.03 | 24.1 | 1 |
| 20 | 16QAM | 1 | 49 | 22.86 | 23.01 | 22.83 | | |
| 20 | 16QAM | 1 | 99 | 22.82 | 22.97 | 22.79 | | |
| 20 | 16QAM | 50 | 0 | 22.01 | 22.06 | 22.04 | 23.1 | 2 |
| 20 | 16QAM | 50 | 24 | 21.98 | 22.04 | 21.95 | | |
| 20 | 16QAM | 50 | 50 | 21.83 | 21.92 | 21.79 | | |
| 20 | 16QAM | 100 | 0 | 21.89 | 21.98 | 21.90 | | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.18 | 22.04 | 23.1 | 2 |
| 20 | 64QAM | 1 | 49 | 21.92 | 21.98 | 21.79 | | |
| 20 | 64QAM | 1 | 99 | 21.83 | 22.04 | 21.84 | | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.02 | 21.08 | 22.1 | 3 |
| 20 | 64QAM | 50 | 24 | 20.95 | 21.08 | 20.96 | | |
| 20 | 64QAM | 50 | 50 | 20.78 | 20.90 | 20.79 | | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.97 | 20.87 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 23.92 | 23.99 | 23.97 | 25.1 | 0 |
| 15 | QPSK | 1 | 37 | 23.84 | 23.80 | 23.78 | | |
| 15 | QPSK | 1 | 74 | 23.72 | 23.77 | 23.78 | | |
| 15 | QPSK | 36 | 0 | 22.86 | 22.91 | 22.97 | 24.1 | 1 |
| 15 | QPSK | 36 | 20 | 22.81 | 22.92 | 22.76 | | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.74 | 22.70 | | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.96 | 22.82 | | |
| 15 | 16QAM | 1 | 0 | 22.91 | 23.01 | 22.96 | 24.1 | 1 |
| 15 | 16QAM | 1 | 37 | 22.74 | 22.92 | 22.70 | | |
| 15 | 16QAM | 1 | 74 | 22.69 | 22.93 | 22.75 | | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.02 | 21.94 | 23.1 | 2 |
| 15 | 16QAM | 36 | 20 | 21.85 | 22.01 | 21.83 | | |
| 15 | 16QAM | 36 | 39 | 21.73 | 21.86 | 21.72 | | |
| 15 | 16QAM | 75 | 0 | 21.75 | 21.94 | 21.85 | | |
| 15 | 64QAM | 1 | 0 | 21.99 | 22.11 | 21.90 | 23.1 | 2 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.94 | 21.72 | | |
| 15 | 64QAM | 1 | 74 | 21.78 | 21.94 | 21.77 | | |
| 15 | 64QAM | 36 | 0 | 21.00 | 20.89 | 20.93 | 22.1 | 3 |
| 15 | 64QAM | 36 | 20 | 20.82 | 20.99 | 20.91 | | |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.80 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.87 | 20.75 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 23.91 | 24.03 | 23.93 | 25.1 | 0 |
| 10 | QPSK | 1 | 25 | 23.77 | 23.85 | 23.72 | | |
| 10 | QPSK | 1 | 49 | 23.73 | 23.79 | 23.78 | | |
| 10 | QPSK | 25 | 0 | 22.95 | 22.95 | 22.93 | 24.1 | 1 |
| 10 | QPSK | 25 | 12 | 22.86 | 22.87 | 22.83 | | |
| 10 | QPSK | 25 | 25 | 22.69 | 22.76 | 22.62 | | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.97 | 22.86 | | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.06 | 22.91 | 24.1 | 1 |
| 10 | 16QAM | 1 | 25 | 22.82 | 22.97 | 22.68 | | |
| 10 | 16QAM | 1 | 49 | 22.67 | 22.84 | 22.71 | | |
| 10 | 16QAM | 25 | 0 | 21.94 | 21.99 | 21.92 | 23.1 | 2 |
| 10 | 16QAM | 25 | 12 | 21.92 | 21.97 | 21.82 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.80 | 21.71 | | |
| 10 | 16QAM | 50 | 0 | 21.78 | 21.93 | 21.81 | | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.08 | 21.95 | 23.1 | 2 |
| 10 | 64QAM | 1 | 25 | 21.84 | 21.94 | 21.70 | | |
| 10 | 64QAM | 1 | 49 | 21.77 | 21.89 | 21.71 | | |
| 10 | 64QAM | 25 | 0 | 20.99 | 20.88 | 21.05 | 22.1 | 3 |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.98 | 20.86 | | |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.83 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.78 | 20.91 | 20.76 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 23.85 | 23.99 | 23.96 | 25.1 | 0 |
| 5 | QPSK | 1 | 12 | 23.79 | 23.90 | 23.78 | | |
| 5 | QPSK | 1 | 24 | 23.66 | 23.78 | 23.77 | | |
| 5 | QPSK | 12 | 0 | 22.94 | 22.89 | 22.94 | 24.1 | 1 |
| 5 | QPSK | 12 | 7 | 22.90 | 22.97 | 22.77 | | |
| 5 | QPSK | 12 | 13 | 22.75 | 22.77 | 22.60 | | |
| 5 | QPSK | 25 | 0 | 22.87 | 22.93 | 22.87 | | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.09 | 22.93 | 24.1 | 1 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.91 | 22.79 | | |
| 5 | 16QAM | 1 | 24 | 22.76 | 22.87 | 22.70 | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.91 | 21.97 | 23.1 | 2 |
| 5 | 16QAM | 12 | 7 | 21.85 | 21.94 | 21.81 | | |
| 5 | 16QAM | 12 | 13 | 21.75 | 21.87 | 21.66 | | |
| 5 | 16QAM | 25 | 0 | 21.80 | 21.84 | 21.75 | | |
| 5 | 64QAM | 1 | 0 | 22.00 | 22.04 | 21.98 | 23.1 | 2 |
| 5 | 64QAM | 1 | 12 | 21.78 | 21.83 | 21.67 | | |
| 5 | 64QAM | 1 | 24 | 21.80 | 21.92 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 20.98 | 21.01 | 22.1 | 3 |
| 5 | 64QAM | 12 | 7 | 20.85 | 20.98 | 20.83 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.79 | 20.72 | | |
| 5 | 64QAM | 25 | 0 | 20.87 | 20.86 | 20.76 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 23.95 | 23.96 | 23.89 | 25.1 | 0 |
| 3 | QPSK | 1 | 8 | 23.76 | 23.84 | 23.77 | | |
| 3 | QPSK | 1 | 14 | 23.69 | 23.81 | 23.69 | | |
| 3 | QPSK | 8 | 0 | 22.87 | 22.99 | 22.87 | 24.1 | 1 |
| 3 | QPSK | 8 | 4 | 22.85 | 22.98 | 22.83 | | |
| 3 | QPSK | 8 | 7 | 22.72 | 22.74 | 22.64 | | |
| 3 | QPSK | 15 | 0 | 22.80 | 22.94 | 22.89 | | |
| 3 | 16QAM | 1 | 0 | 22.92 | 23.08 | 22.93 | 24.1 | 1 |
| 3 | 16QAM | 1 | 8 | 22.75 | 22.92 | 22.72 | | |
| 3 | 16QAM | 1 | 14 | 22.78 | 22.93 | 22.70 | | |
| 3 | 16QAM | 8 | 0 | 21.90 | 21.98 | 21.98 | 23.1 | 2 |
| 3 | 16QAM | 8 | 4 | 21.83 | 21.92 | 21.84 | | |
| 3 | 16QAM | 8 | 7 | 21.69 | 21.77 | 21.73 | | |
| 3 | 16QAM | 15 | 0 | 21.83 | 21.93 | 21.80 | | |
| 3 | 64QAM | 1 | 0 | 21.98 | 22.06 | 22.00 | 23.1 | 2 |
| 3 | 64QAM | 1 | 8 | 21.82 | 21.87 | 21.73 | | |
| 3 | 64QAM | 1 | 14 | 21.78 | 21.92 | 21.71 | | |
| 3 | 64QAM | 8 | 0 | 20.93 | 20.89 | 20.99 | 22.1 | 3 |
| 3 | 64QAM | 8 | 4 | 20.88 | 21.02 | 20.81 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.81 | 20.73 | | |
| 3 | 64QAM | 15 | 0 | 20.78 | 20.87 | 20.76 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.86 | 24.02 | 23.97 | 25.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.84 | 23.87 | 23.74 | | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.86 | 23.76 | | |
| 1.4 | QPSK | 3 | 0 | 23.89 | 23.98 | 23.91 | | |
| 1.4 | QPSK | 3 | 1 | 23.89 | 23.95 | 23.79 | | |
| 1.4 | QPSK | 3 | 3 | 23.76 | 23.77 | 23.59 | | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.91 | 22.86 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.00 | 23.00 | 22.89 | 24.1 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.78 | 22.89 | 22.80 | | |
| 1.4 | 16QAM | 1 | 5 | 22.69 | 22.91 | 22.74 | | |
| 1.4 | 16QAM | 3 | 0 | 22.98 | 22.94 | 22.92 | | |
| 1.4 | 16QAM | 3 | 1 | 22.87 | 22.90 | 22.85 | | |
| 1.4 | 16QAM | 3 | 3 | 22.74 | 22.83 | 22.68 | | |
| 1.4 | 16QAM | 6 | 0 | 21.85 | 21.88 | 21.84 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.04 | 22.06 | 21.96 | 23.1 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.87 | 21.71 | | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.91 | 21.70 | | |
| 1.4 | 64QAM | 3 | 0 | 21.94 | 21.96 | 22.01 | | |
| 1.4 | 64QAM | 3 | 1 | 21.91 | 22.01 | 21.87 | | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.87 | 21.65 | | |
| 1.4 | 64QAM | 6 | 0 | 20.88 | 20.85 | 20.84 | 22.1 | 3 |

## Band 38 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 23.40 | 23.46 | 23.36 | 24.3 | 0 |
| 20 | QPSK | 1 | 49 | 23.24 | 23.38 | 23.26 | | |
| 20 | QPSK | 1 | 99 | 23.36 | 23.41 | 23.30 | | |
| 20 | QPSK | 50 | 0 | 22.67 | 22.76 | 22.71 | 23.6 | 0.7 |
| 20 | QPSK | 50 | 24 | 22.61 | 22.72 | 22.63 | | |
| 20 | QPSK | 50 | 50 | 22.49 | 22.58 | 22.45 | | |
| 20 | QPSK | 100 | 0 | 22.66 | 22.67 | 22.55 | | |
| 20 | 16QAM | 1 | 0 | 22.59 | 22.71 | 22.63 | 23.6 | 0.7 |
| 20 | 16QAM | 1 | 49 | 22.62 | 22.69 | 22.58 | | |
| 20 | 16QAM | 1 | 99 | 22.43 | 22.53 | 22.46 | | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.70 | 21.61 | 22.6 | 1.7 |
| 20 | 16QAM | 50 | 24 | 21.63 | 21.75 | 21.65 | | |
| 20 | 16QAM | 50 | 50 | 21.47 | 21.62 | 21.60 | | |
| 20 | 16QAM | 100 | 0 | 21.61 | 21.75 | 21.61 | | |
| 20 | 64QAM | 1 | 0 | 21.65 | 21.73 | 21.66 | 22.6 | 1.7 |
| 20 | 64QAM | 1 | 49 | 21.55 | 21.67 | 21.58 | | |
| 20 | 64QAM | 1 | 99 | 21.44 | 21.60 | 21.42 | | |
| 20 | 64QAM | 50 | 0 | 20.75 | 20.81 | 20.67 | 21.6 | 2.7 |
| 20 | 64QAM | 50 | 24 | 20.56 | 20.72 | 20.67 | | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.69 | 20.53 | | |
| 20 | 64QAM | 100 | 0 | 20.65 | 20.75 | 20.66 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 23.36 | 23.41 | 23.25 | 24.3 | 0 |
| 15 | QPSK | 1 | 37 | 23.11 | 23.30 | 23.18 | | |
| 15 | QPSK | 1 | 74 | 23.22 | 23.27 | 23.16 | | |
| 15 | QPSK | 36 | 0 | 22.61 | 22.62 | 22.61 | 23.6 | 0.7 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.68 | 22.58 | | |
| 15 | QPSK | 36 | 39 | 22.40 | 22.52 | 22.41 | | |
| 15 | QPSK | 75 | 0 | 22.58 | 22.61 | 22.41 | | |
| 15 | 16QAM | 1 | 0 | 22.45 | 22.59 | 22.53 | 23.6 | 0.7 |
| 15 | 16QAM | 1 | 37 | 22.53 | 22.58 | 22.52 | | |
| 15 | 16QAM | 1 | 74 | 22.35 | 22.47 | 22.37 | | |
| 15 | 16QAM | 36 | 0 | 21.52 | 21.59 | 21.54 | 22.6 | 1.7 |
| 15 | 16QAM | 36 | 20 | 21.53 | 21.71 | 21.52 | | |
| 15 | 16QAM | 36 | 39 | 21.33 | 21.49 | 21.46 | | |
| 15 | 16QAM | 75 | 0 | 21.55 | 21.67 | 21.49 | | |
| 15 | 64QAM | 1 | 0 | 21.51 | 21.61 | 21.57 | 22.6 | 1.7 |
| 15 | 64QAM | 1 | 37 | 21.47 | 21.54 | 21.48 | | |
| 15 | 64QAM | 1 | 74 | 21.30 | 21.56 | 21.31 | | |
| 15 | 64QAM | 36 | 0 | 20.60 | 20.77 | 20.60 | 21.6 | 2.7 |
| 15 | 64QAM | 36 | 20 | 20.42 | 20.62 | 20.63 | | |
| 15 | 64QAM | 36 | 39 | 20.53 | 20.58 | 20.39 | | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.65 | 20.63 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 23.31 | 23.33 | 23.29 | 24.3 | 0 |
| 10 | QPSK | 1 | 25 | 23.13 | 23.33 | 23.17 | | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.33 | 23.27 | | |
| 10 | QPSK | 25 | 0 | 22.62 | 22.71 | 22.67 | 23.6 | 0.7 |
| 10 | QPSK | 25 | 12 | 22.51 | 22.63 | 22.59 | | |
| 10 | QPSK | 25 | 25 | 22.35 | 22.44 | 22.41 | | |
| 10 | QPSK | 50 | 0 | 22.53 | 22.59 | 22.42 | | |
| 10 | 16QAM | 1 | 0 | 22.55 | 22.65 | 22.59 | 23.6 | 0.7 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.58 | 22.50 | | |
| 10 | 16QAM | 1 | 49 | 22.34 | 22.49 | 22.38 | | |
| 10 | 16QAM | 25 | 0 | 21.54 | 21.59 | 21.49 | 22.6 | 1.7 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.62 | 21.60 | | |
| 10 | 16QAM | 25 | 25 | 21.42 | 21.50 | 21.49 | | |
| 10 | 16QAM | 50 | 0 | 21.53 | 21.63 | 21.56 | | |
| 10 | 64QAM | 1 | 0 | 21.60 | 21.59 | 21.53 | 22.6 | 1.7 |
| 10 | 64QAM | 1 | 25 | 21.47 | 21.59 | 21.48 | | |
| 10 | 64QAM | 1 | 49 | 21.39 | 21.53 | 21.28 | | |
| 10 | 64QAM | 25 | 0 | 20.64 | 20.74 | 20.55 | 21.6 | 2.7 |
| 10 | 64QAM | 25 | 12 | 20.41 | 20.65 | 20.59 | | |
| 10 | 64QAM | 25 | 25 | 20.53 | 20.65 | 20.46 | | |
| 10 | 64QAM | 50 | 0 | 20.53 | 20.63 | 20.58 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 23.27 | 23.38 | 23.25 | 24.3 | 0 |
| 5 | QPSK | 1 | 12 | 23.18 | 23.31 | 23.23 | | |
| 5 | QPSK | 1 | 24 | 23.25 | 23.32 | 23.18 | | |
| 5 | QPSK | 12 | 0 | 22.64 | 22.67 | 22.61 | 23.6 | 0.7 |
| 5 | QPSK | 12 | 7 | 22.54 | 22.67 | 22.49 | | |
| 5 | QPSK | 12 | 13 | 22.36 | 22.46 | 22.35 | | |
| 5 | QPSK | 25 | 0 | 22.57 | 22.60 | 22.40 | | |
| 5 | 16QAM | 1 | 0 | 22.55 | 22.61 | 22.53 | 23.6 | 0.7 |
| 5 | 16QAM | 1 | 12 | 22.56 | 22.62 | 22.54 | | |
| 5 | 16QAM | 1 | 24 | 22.33 | 22.38 | 22.42 | | |
| 5 | 16QAM | 12 | 0 | 21.48 | 21.63 | 21.50 | 22.6 | 1.7 |
| 5 | 16QAM | 12 | 7 | 21.57 | 21.63 | 21.60 | | |
| 5 | 16QAM | 12 | 13 | 21.36 | 21.52 | 21.51 | | |
| 5 | 16QAM | 25 | 0 | 21.46 | 21.67 | 21.50 | | |
| 5 | 64QAM | 1 | 0 | 21.54 | 21.66 | 21.53 | 22.6 | 1.7 |
| 5 | 64QAM | 1 | 12 | 21.42 | 21.59 | 21.48 | | |
| 5 | 64QAM | 1 | 24 | 21.39 | 21.52 | 21.39 | | |
| 5 | 64QAM | 12 | 0 | 20.65 | 20.66 | 20.58 | 21.6 | 2.7 |
| 5 | 64QAM | 12 | 7 | 20.52 | 20.59 | 20.64 | | |
| 5 | 64QAM | 12 | 13 | 20.52 | 20.58 | 20.46 | | |

## Band 41 Ant 1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 23.32 | 23.40 | 23.53 | 23.48 | 23.44 | 24.3 | 0 |
| 20 | QPSK | 1 | 49 | 23.24 | 23.29 | 23.41 | 23.34 | 23.40 | | |
| 20 | QPSK | 1 | 99 | 23.29 | 23.38 | 23.44 | 23.41 | 23.35 | | |
| 20 | QPSK | 50 | 0 | 22.55 | 22.54 | 22.66 | 22.60 | 22.50 | 23.7 | 0.6 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.45 | 22.61 | 22.49 | 22.56 | | |
| 20 | QPSK | 50 | 50 | 22.50 | 22.56 | 22.57 | 22.57 | 22.47 | | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.46 | 22.67 | 22.49 | 22.61 | | |
| 20 | 16QAM | 1 | 0 | 22.66 | 22.78 | 22.82 | 22.81 | 22.75 | 23.7 | 0.6 |
| 20 | 16QAM | 1 | 49 | 22.61 | 22.54 | 22.68 | 22.56 | 22.57 | | |
| 20 | 16QAM | 1 | 99 | 22.59 | 22.61 | 22.60 | 22.64 | 22.52 | | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.65 | 21.66 | 21.57 | 21.59 | 22.7 | 1.6 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.58 | 21.64 | 21.49 | 21.54 | | |
| 20 | 16QAM | 50 | 50 | 21.54 | 21.57 | 21.57 | 21.47 | 21.52 | | |
| 20 | 16QAM | 100 | 0 | 21.57 | 21.56 | 21.70 | 21.58 | 21.62 | | |
| 20 | 64QAM | 1 | 0 | 21.74 | 21.79 | 21.83 | 21.74 | 21.75 | 22.7 | 1.6 |
| 20 | 64QAM | 1 | 49 | 21.69 | 21.67 | 21.79 | 21.69 | 21.66 | | |
| 20 | 64QAM | 1 | 99 | 21.63 | 21.70 | 21.74 | 21.61 | 21.64 | | |
| 20 | 64QAM | 50 | 0 | 20.64 | 20.51 | 20.67 | 20.57 | 20.55 | 21.7 | 2.6 |
| 20 | 64QAM | 50 | 24 | 20.51 | 20.50 | 20.58 | 20.44 | 20.48 | | |
| 20 | 64QAM | 50 | 50 | 20.51 | 20.42 | 20.60 | 20.49 | 20.55 | | |
| 20 | 64QAM | 100 | 0 | 20.58 | 20.54 | 20.68 | 20.59 | 20.61 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.22 | 23.28 | 23.41 | 23.36 | 23.38 | 24.30 | 0 |
| 15 | QPSK | 1 | 37 | 23.15 | 23.22 | 23.30 | 23.28 | 23.25 | | |
| 15 | QPSK | 1 | 74 | 23.24 | 23.35 | 23.40 | 23.29 | 23.22 | | |
| 15 | QPSK | 36 | 0 | 22.43 | 22.50 | 22.56 | 22.53 | 22.41 | 23.7 | 0.6 |
| 15 | QPSK | 36 | 20 | 22.42 | 22.36 | 22.55 | 22.42 | 22.49 | | |
| 15 | QPSK | 36 | 39 | 22.39 | 22.49 | 22.53 | 22.53 | 22.37 | | |
| 15 | QPSK | 75 | 0 | 22.46 | 22.35 | 22.63 | 22.37 | 22.46 | | |
| 15 | 16QAM | 1 | 0 | 22.54 | 22.74 | 22.78 | 22.72 | 22.69 | 23.7 | 0.6 |
| 15 | 16QAM | 1 | 37 | 22.54 | 22.49 | 22.56 | 22.42 | 22.50 | | |
| 15 | 16QAM | 1 | 74 | 22.51 | 22.48 | 22.49 | 22.61 | 22.38 | | |
| 15 | 16QAM | 36 | 0 | 21.54 | 21.59 | 21.60 | 21.53 | 21.50 | 22.7 | 1.6 |
| 15 | 16QAM | 36 | 20 | 21.46 | 21.45 | 21.52 | 21.39 | 21.41 | | |
| 15 | 16QAM | 36 | 39 | 21.40 | 21.49 | 21.45 | 21.37 | 21.41 | | |
| 15 | 16QAM | 75 | 0 | 21.47 | 21.45 | 21.57 | 21.43 | 21.51 | | |
| 15 | 64QAM | 1 | 0 | 21.62 | 21.73 | 21.72 | 21.60 | 21.65 | 22.7 | 1.6 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.61 | 21.73 | 21.63 | 21.59 | | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.64 | 21.70 | 21.56 | 21.52 | | |
| 15 | 64QAM | 36 | 0 | 20.59 | 20.42 | 20.54 | 20.53 | 20.44 | 21.7 | 2.6 |
| 15 | 64QAM | 36 | 20 | 20.36 | 20.36 | 20.47 | 20.32 | 20.36 | | |
| 15 | 64QAM | 36 | 39 | 20.39 | 20.35 | 20.49 | 20.35 | 20.50 | | |
| 15 | 64QAM | 75 | 0 | 20.49 | 20.43 | 20.59 | 20.54 | 20.47 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.26 | 23.32 | 23.45 | 23.38 | 23.36 | 24.30 | 0 |
| 10 | QPSK | 1 | 25 | 23.21 | 23.19 | 23.38 | 23.24 | 23.34 | | |
| 10 | QPSK | 1 | 49 | 23.15 | 23.31 | 23.35 | 23.26 | 23.21 | | |
| 10 | QPSK | 25 | 0 | 22.48 | 22.41 | 22.57 | 22.47 | 22.45 | 23.7 | 0.6 |
| 10 | QPSK | 25 | 12 | 22.46 | 22.32 | 22.48 | 22.39 | 22.52 | | |
| 10 | QPSK | 25 | 25 | 22.45 | 22.47 | 22.46 | 22.51 | 22.42 | | |
| 10 | QPSK | 50 | 0 | 22.43 | 22.41 | 22.55 | 22.41 | 22.57 | | |
| 10 | 16QAM | 1 | 0 | 22.60 | 22.69 | 22.72 | 22.69 | 22.70 | 23.7 | 0.6 |
| 10 | 16QAM | 1 | 25 | 22.51 | 22.41 | 22.63 | 22.43 | 22.53 | | |
| 10 | 16QAM | 1 | 49 | 22.52 | 22.51 | 22.56 | 22.55 | 22.47 | | |
| 10 | 16QAM | 25 | 0 | 21.48 | 21.58 | 21.57 | 21.52 | 21.48 | 22.7 | 1.6 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.45 | 21.54 | 21.43 | 21.48 | | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.53 | 21.45 | 21.34 | 21.46 | | |
| 10 | 16QAM | 50 | 0 | 21.47 | 21.53 | 21.56 | 21.53 | 21.52 | | |
| 10 | 64QAM | 1 | 0 | 21.67 | 21.64 | 21.79 | 21.60 | 21.63 | 22.7 | 1.6 |
| 10 | 64QAM | 1 | 25 | 21.59 | 21.62 | 21.72 | 21.58 | 21.61 | | |
| 10 | 64QAM | 1 | 49 | 21.48 | 21.64 | 21.64 | 21.51 | 21.57 | | |
| 10 | 64QAM | 25 | 0 | 20.51 | 20.41 | 20.63 | 20.43 | 20.45 | 21.7 | 2.6 |
| 10 | 64QAM | 25 | 12 | 20.37 | 20.37 | 20.52 | 20.35 | 20.35 | | |
| 10 | 64QAM | 25 | 25 | 20.38 | 20.27 | 20.52 | 20.38 | 20.49 | | |
| 10 | 64QAM | 50 | 0 | 20.46 | 20.46 | 20.60 | 20.53 | 20.46 | | |
| 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 | 23.21 | 23.36 | 23.49 | 23.40 | 23.36 | 24.30 | 0 |
| 5 | QPSK | 1 | 12 | 23.12 | 23.19 | 23.27 | 23.29 | 23.33 | | |
| 5 | QPSK | 1 | 24 | 23.25 | 23.26 | 23.36 | 23.31 | 23.22 | | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.60 | 22.50 | 22.42 | 23.7 | 0.6 |
| 5 | QPSK | 12 | 7 | 22.41 | 22.39 | 22.55 | 22.38 | 22.44 | | |
| 5 | QPSK | 12 | 13 | 22.46 | 22.46 | 22.54 | 22.43 | 22.40 | | |
| 5 | QPSK | 25 | 0 | 22.36 | 22.33 | 22.61 | 22.42 | 22.57 | | |
| 5 | 16QAM | 1 | 0 | 22.56 | 22.64 | 22.73 | 22.69 | 22.69 | 23.7 | 0.6 |
| 5 | 16QAM | 1 | 12 | 22.51 | 22.44 | 22.54 | 22.52 | 22.53 | | |
| 5 | 16QAM | 1 | 24 | 22.49 | 22.47 | 22.56 | 22.53 | 22.47 | | |
| 5 | 16QAM | 12 | 0 | 21.48 | 21.57 | 21.54 | 21.50 | 21.47 | 22.7 | 1.6 |
| 5 | 16QAM | 12 | 7 | 21.46 | 21.49 | 21.54 | 21.41 | 21.44 | | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.46 | 21.50 | 21.43 | 21.37 | | |
| 5 | 16QAM | 25 | 0 | 21.49 | 21.47 | 21.65 | 21.44 | 21.55 | | |
| 5 | 64QAM | 1 | 0 | 21.59 | 21.71 | 21.68 | 21.71 | 21.72 | 22.7 | 1.6 |
| 5 | 64QAM | 1 | 12 | 21.61 | 21.63 | 21.68 | 21.59 | 21.63 | | |
| 5 | 64QAM | 1 | 24 | 21.54 | 21.61 | 21.70 | 21.57 | 21.51 | | |
| 5 | 64QAM | 12 | 0 | 20.58 | 20.45 | 20.57 | 20.45 | 20.52 | 21.7 | 2.6 |
| 5 | 64QAM | 12 | 7 | 20.47 | 20.36 | 20.53 | 20.37 | 20.45 | | |
| 5 | 64QAM | 12 | 13 | 20.43 | 20.36 | 20.52 | 20.41 | 20.50 | | |

**For Ant2**

GSM850 Ant 2 DSI1

| 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 | 30.52 | 30.61 | 30.58 | 31.70 | 21.52 | 21.61 | 21.58 | 22.70 |
| GPRS 1 Tx slot | 30.66 | 30.53 | 30.79 | 31.70 | 21.66 | 21.53 | 21.79 | 22.70 |
| GPRS 2 Tx slots | 27.51 | 27.44 | 27.67 | 28.70 | 21.51 | 21.44 | 21.67 | 22.70 |
| GPRS 3 Tx slots | 25.76 | 25.72 | 26.01 | 26.90 | 21.50 | 21.46 | 21.75 | 22.64 |
| GPRS 4 Tx slots | 24.86 | 25.07 | 24.78 | 25.70 | 21.86 | 22.07 | 21.78 | 22.70 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI1

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.67 | 22.80 | 22.60 | 23.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.81 | 22.88 | 22.71 | 23.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.80 | 19.63 | 19.64 | 20.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.80 | 19.86 | 19.51 | 20.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.16 | 21.48 | 21.03 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.29 | 21.15 | 21.17 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 19.69 | 19.67 | 19.59 | 20.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.77 | 20.20 | 20.14 | 20.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.27 | 21.40 | 21.15 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 21.23 | 21.18 | 21.37 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.67 | 19.85 | 19.70 | 20.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.80 | 17.90 | 17.50 | 18.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.74 | 18.97 | 18.77 | 19.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.69 | 17.93 | 17.63 | 18.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 19.78 | 19.83 | 19.78 | 20.70 |

## Band 5 Ant 2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.24 | 23.26 | 23.25 | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.05 | 23.18 | 23.11 | | |
| 10 | QPSK | 1 | 49 | 23.14 | 23.22 | 23.09 | | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.11 | 23.02 | 24.2 | 0 |
| 10 | QPSK | 25 | 12 | 22.94 | 23.05 | 22.94 | | |
| 10 | QPSK | 25 | 25 | 22.98 | 23.08 | 22.97 | | |
| 10 | QPSK | 50 | 0 | 23.07 | 23.11 | 23.07 | | |
| 10 | 16QAM | 1 | 0 | 23.08 | 23.06 | 22.99 | 24.2 | 0 |
| 10 | 16QAM | 1 | 25 | 22.93 | 22.96 | 22.93 | | |
| 10 | 16QAM | 1 | 49 | 22.98 | 23.03 | 22.83 | | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.18 | 22.06 | 23.2 | 1 |
| 10 | 16QAM | 25 | 12 | 22.10 | 22.20 | 22.08 | | |
| 10 | 16QAM | 25 | 25 | 22.11 | 22.19 | 22.14 | | |
| 10 | 16QAM | 50 | 0 | 22.13 | 22.17 | 22.14 | | |
| 10 | 64QAM | 1 | 0 | 22.11 | 22.21 | 22.11 | 23.2 | 1 |
| 10 | 64QAM | 1 | 25 | 22.01 | 22.03 | 22.01 | | |
| 10 | 64QAM | 1 | 49 | 21.94 | 22.07 | 22.07 | | |
| 10 | 64QAM | 25 | 0 | 21.09 | 21.18 | 21.06 | 22.2 | 2 |
| 10 | 64QAM | 25 | 12 | 21.18 | 21.18 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.14 | 21.26 | 21.17 | | |
| 10 | 64QAM | 50 | 0 | 21.18 | 21.24 | 21.16 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.14 | 23.22 | 23.08 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.91 | 23.07 | 23.04 | | |
| 5 | QPSK | 1 | 24 | 23.04 | 23.18 | 23.00 | | |
| 5 | QPSK | 12 | 0 | 22.95 | 22.98 | 22.98 | 24.2 | 0 |
| 5 | QPSK | 12 | 7 | 22.81 | 22.99 | 22.81 | | |
| 5 | QPSK | 12 | 13 | 22.88 | 22.98 | 22.91 | | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.99 | 22.92 | | |
| 5 | 16QAM | 1 | 0 | 23.03 | 22.93 | 22.92 | 24.2 | 0 |
| 5 | 16QAM | 1 | 12 | 22.89 | 22.83 | 22.80 | | |
| 5 | 16QAM | 1 | 24 | 22.93 | 22.98 | 22.70 | | |
| 5 | 16QAM | 12 | 0 | 22.02 | 22.11 | 22.01 | 23.2 | 1 |
| 5 | 16QAM | 12 | 7 | 21.96 | 22.05 | 21.99 | | |
| 5 | 16QAM | 12 | 13 | 21.99 | 22.09 | 22.00 | | |
| 5 | 16QAM | 25 | 0 | 22.02 | 22.02 | 22.02 | | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.11 | 21.99 | 23.2 | 1 |
| 5 | 64QAM | 1 | 12 | 21.95 | 21.89 | 21.92 | | |
| 5 | 64QAM | 1 | 24 | 21.80 | 22.04 | 21.93 | | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.11 | 20.96 | 22.2 | 2 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.07 | 21.03 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.14 | 21.03 | | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.17 | 21.06 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.07 | 23.22 | 23.07 | 24.2 | 0 |
| 3 | QPSK | 1 | 8 | 22.97 | 23.04 | 22.97 | | |
| 3 | QPSK | 1 | 14 | 23.10 | 23.14 | 22.97 | | |
| 3 | QPSK | 8 | 0 | 22.95 | 23.03 | 22.90 | 24.2 | 0 |
| 3 | QPSK | 8 | 4 | 22.83 | 23.00 | 22.89 | | |
| 3 | QPSK | 8 | 7 | 22.87 | 22.95 | 22.90 | | |
| 3 | QPSK | 15 | 0 | 23.03 | 22.98 | 22.92 | | |
| 3 | 16QAM | 1 | 0 | 22.99 | 23.00 | 22.96 | 24.2 | 0 |
| 3 | 16QAM | 1 | 8 | 22.83 | 22.92 | 22.81 | | |
| 3 | 16QAM | 1 | 14 | 22.87 | 22.92 | 22.70 | | |
| 3 | 16QAM | 8 | 0 | 21.99 | 22.05 | 22.03 | 23.2 | 1 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.07 | 22.04 | | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.09 | 22.06 | | |
| 3 | 16QAM | 15 | 0 | 22.05 | 22.14 | 22.08 | | |
| 3 | 64QAM | 1 | 0 | 22.08 | 22.10 | 22.03 | 23.2 | 1 |
| 3 | 64QAM | 1 | 8 | 21.89 | 21.95 | 21.90 | | |
| 3 | 64QAM | 1 | 14 | 21.83 | 22.04 | 22.00 | | |
| 3 | 64QAM | 8 | 0 | 20.99 | 21.07 | 20.95 | 22.2 | 2 |
| 3 | 64QAM | 8 | 4 | 21.09 | 21.05 | 21.02 | | |
| 3 | 64QAM | 8 | 7 | 21.08 | 21.19 | 21.03 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.19 | 21.04 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.10 | 23.17 | 23.10 | 24.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.99 | 23.08 | 23.00 | | |
| 1.4 | QPSK | 1 | 5 | 23.03 | 23.14 | 23.00 | | |
| 1.4 | QPSK | 3 | 0 | 23.08 | 23.11 | 22.99 | | |
| 1.4 | QPSK | 3 | 1 | 22.97 | 23.06 | 22.91 | | |
| 1.4 | QPSK | 3 | 3 | 22.97 | 23.08 | 23.04 | | |
| 1.4 | QPSK | 6 | 0 | 22.96 | 23.00 | 22.98 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.03 | 22.98 | 22.88 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.88 | 22.82 | 22.81 | | |
| 1.4 | 16QAM | 1 | 5 | 22.86 | 22.99 | 22.75 | | |
| 1.4 | 16QAM | 3 | 0 | 22.85 | 23.00 | 22.86 | | |
| 1.4 | 16QAM | 3 | 1 | 22.86 | 22.97 | 22.84 | | |
| 1.4 | 16QAM | 3 | 3 | 22.92 | 23.03 | 22.97 | | |
| 1.4 | 16QAM | 6 | 0 | 22.03 | 22.06 | 22.04 | 23.2 | 1 |
| 1.4 | 64QAM | 1 | 0 | 22.00 | 22.12 | 22.05 | 23.2 | 1 |
| 1.4 | 64QAM | 1 | 3 | 21.88 | 21.97 | 21.88 | | |
| 1.4 | 64QAM | 1 | 5 | 21.89 | 21.95 | 21.98 | | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.12 | 21.99 | | |
| 1.4 | 64QAM | 3 | 1 | 22.06 | 22.07 | 21.99 | | |
| 1.4 | 64QAM | 3 | 3 | 22.04 | 22.21 | 22.04 | | |
| 1.4 | 64QAM | 6 | 0 | 21.10 | 21.20 | 21.08 | 22.2 | 2 |

## Band 12 Ant 2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.31 | 24.45 | 24.38 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.36 | 24.33 | | |
| 10 | QPSK | 1 | 49 | 24.18 | 24.32 | 24.26 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.40 | 23.26 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.33 | 23.28 | | |
| 10 | QPSK | 25 | 25 | 23.24 | 23.38 | 23.29 | | |
| 10 | QPSK | 50 | 0 | 23.28 | 23.36 | 23.31 | | |
| 10 | 16QAM | 1 | 0 | 23.46 | 23.51 | 23.36 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.37 | 23.22 | | |
| 10 | 16QAM | 1 | 49 | 23.22 | 23.36 | 23.29 | | |
| 10 | 16QAM | 25 | 0 | 22.31 | 22.42 | 22.38 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.29 | 22.23 | | |
| 10 | 16QAM | 25 | 25 | 22.28 | 22.37 | 22.28 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.33 | 22.18 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.33 | 22.39 | 22.32 | | |
| 10 | 64QAM | 1 | 49 | 22.34 | 22.43 | 22.30 | | |
| 10 | 64QAM | 25 | 0 | 21.41 | 21.48 | 21.43 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.26 | 21.19 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.36 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.28 | 21.33 | 21.29 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.42 | 24.33 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.33 | 24.20 | | |
| 5 | QPSK | 1 | 24 | 24.11 | 24.19 | 24.19 | | |
| 5 | QPSK | 12 | 0 | 23.23 | 23.34 | 23.15 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.14 | 23.25 | 23.25 | | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.31 | 23.21 | | |
| 5 | QPSK | 25 | 0 | 23.17 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.46 | 23.22 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.26 | 23.07 | | |
| 5 | 16QAM | 1 | 24 | 23.11 | 23.31 | 23.22 | | |
| 5 | 16QAM | 12 | 0 | 22.25 | 22.32 | 22.34 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.16 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.22 | 22.31 | 22.20 | | |
| 5 | 16QAM | 25 | 0 | 22.13 | 22.19 | 22.04 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.40 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.25 | 22.26 | | |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.36 | 22.16 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.43 | 21.33 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.15 | 21.07 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.28 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.22 | 24.35 | 24.24 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 24.17 | 24.32 | 24.24 | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.27 | 24.14 | | |
| 3 | QPSK | 8 | 0 | 23.20 | 23.36 | 23.19 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 23.14 | 23.27 | 23.15 | | |
| 3 | QPSK | 8 | 7 | 23.14 | 23.26 | 23.17 | | |
| 3 | QPSK | 15 | 0 | 23.18 | 23.27 | 23.21 | | |
| 3 | 16QAM | 1 | 0 | 23.37 | 23.46 | 23.22 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.23 | 23.30 | 23.12 | | |
| 3 | 16QAM | 1 | 14 | 23.17 | 23.31 | 23.21 | | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.37 | 22.30 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 22.08 | 22.21 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.14 | 22.30 | 22.23 | | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.19 | 22.14 | | |
| 3 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.36 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.25 | 22.33 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.30 | 22.30 | 22.26 | | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.40 | 21.38 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.03 | 21.16 | 21.06 | | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.22 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.21 | 21.21 | 21.17 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.24 | 24.30 | 24.25 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.28 | 24.23 | | |
| 1.4 | QPSK | 1 | 5 | 24.05 | 24.21 | 24.22 | | |
| 1.4 | QPSK | 3 | 0 | 24.19 | 24.25 | 24.11 | | |
| 1.4 | QPSK | 3 | 1 | 24.12 | 24.17 | 24.12 | | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.28 | 24.13 | | |
| 1.4 | QPSK | 6 | 0 | 23.14 | 23.29 | 23.22 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.39 | 23.23 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.31 | 23.09 | | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.31 | 23.24 | | |
| 1.4 | 16QAM | 3 | 0 | 23.16 | 23.26 | 23.23 | | |
| 1.4 | 16QAM | 3 | 1 | 23.04 | 23.21 | 23.07 | | |
| 1.4 | 16QAM | 3 | 3 | 23.19 | 23.27 | 23.16 | | |
| 1.4 | 16QAM | 6 | 0 | 22.08 | 22.27 | 22.04 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.40 | 22.39 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.23 | 22.35 | 22.21 | | |
| 1.4 | 64QAM | 1 | 5 | 22.23 | 22.32 | 22.21 | | |
| 1.4 | 64QAM | 3 | 0 | 22.25 | 22.40 | 22.29 | | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 22.13 | 22.06 | | |
| 1.4 | 64QAM | 3 | 3 | 22.11 | 22.28 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.26 | 21.19 | 22.2 | 3 |

## Band 13 Ant 2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.12 | | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | | 23.01 | | | |
| 10 | QPSK | 1 | 49 | | 23.09 | | | |
| 10 | QPSK | 25 | 0 | | 22.13 | | 23.2 | 1 |
| 10 | QPSK | 25 | 12 | | 22.07 | | | |
| 10 | QPSK | 25 | 25 | | 22.10 | | | |
| 10 | QPSK | 50 | 0 | | 22.20 | | | |
| 10 | 16QAM | 1 | 0 | | 22.14 | | 23.2 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.06 | | | |
| 10 | 16QAM | 1 | 49 | | 22.13 | | | |
| 10 | 16QAM | 25 | 0 | | 21.18 | | 22.2 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.03 | | | |
| 10 | 16QAM | 25 | 25 | | 21.13 | | | |
| 10 | 16QAM | 50 | 0 | | 21.27 | | | |
| 10 | 64QAM | 1 | 0 | | 21.20 | | 22.2 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.13 | | | |
| 10 | 64QAM | 1 | 49 | | 21.14 | | | |
| 10 | 64QAM | 25 | 0 | | 20.23 | | 21.2 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.06 | | | |
| 10 | 64QAM | 25 | 25 | | 20.13 | | | |
| 10 | 64QAM | 50 | 0 | | 20.31 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.94 | 23.04 | 23.01 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.79 | 22.96 | 22.88 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 23.00 | 22.97 | | |
| 5 | QPSK | 12 | 0 | 21.90 | 22.09 | 22.04 | 23.2 | 1 |
| 5 | QPSK | 12 | 7 | 21.90 | 21.98 | 21.84 | | |
| 5 | QPSK | 12 | 13 | 21.97 | 22.01 | 21.81 | | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.14 | 22.00 | | |
| 5 | 16QAM | 1 | 0 | 22.05 | 22.06 | 21.98 | 23.2 | 1 |
| 5 | 16QAM | 1 | 12 | 21.90 | 21.93 | 21.87 | | |
| 5 | 16QAM | 1 | 24 | 21.99 | 22.09 | 21.93 | | |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.14 | 21.01 | 22.2 | 2 |
| 5 | 16QAM | 12 | 7 | 20.95 | 20.89 | 20.87 | | |
| 5 | 16QAM | 12 | 13 | 20.97 | 21.03 | 20.88 | | |
| 5 | 16QAM | 25 | 0 | 21.03 | 21.21 | 21.08 | | |
| 5 | 64QAM | 1 | 0 | 21.05 | 21.05 | 20.99 | 22.2 | 2 |
| 5 | 64QAM | 1 | 12 | 20.92 | 20.99 | 20.92 | | |
| 5 | 64QAM | 1 | 24 | 21.01 | 21.02 | 20.98 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.15 | 20.07 | 21.2 | 3 |
| 5 | 64QAM | 12 | 7 | 19.82 | 20.02 | 19.87 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.04 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.20 | 20.12 | | |

## Band 17 Ant 2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.40 | 24.36 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.24 | 24.30 | 24.18 | | |
| 10 | QPSK | 1 | 49 | 24.11 | 24.26 | 24.18 | | |
| 10 | QPSK | 25 | 0 | 23.37 | 23.42 | 23.32 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.36 | 23.26 | | |
| 10 | QPSK | 25 | 25 | 23.31 | 23.40 | 23.34 | | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.36 | 23.32 | | |
| 10 | 16QAM | 1 | 0 | 23.35 | 23.41 | 23.35 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.23 | 23.28 | 23.18 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.25 | 23.14 | | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.35 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.32 | 22.22 | | |
| 10 | 16QAM | 25 | 25 | 22.31 | 22.41 | 22.34 | | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.42 | 22.36 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.46 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.30 | 22.21 | | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.29 | 22.19 | | |
| 10 | 64QAM | 25 | 0 | 21.40 | 21.45 | 21.38 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.38 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.39 | 21.29 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.27 | 24.37 | 24.26 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.20 | 24.24 | 24.15 | | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.12 | 24.11 | | |
| 5 | QPSK | 12 | 0 | 23.32 | 23.32 | 23.20 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.18 | 23.27 | 23.13 | | |
| 5 | QPSK | 12 | 13 | 23.24 | 23.26 | 23.23 | | |
| 5 | QPSK | 25 | 0 | 23.23 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.34 | 23.25 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.17 | 23.05 | | |
| 5 | 16QAM | 1 | 24 | 23.01 | 23.21 | 23.01 | | |
| 5 | 16QAM | 12 | 0 | 22.22 | 22.27 | 22.23 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.25 | 22.13 | | |
| 5 | 16QAM | 12 | 13 | 22.27 | 22.36 | 22.27 | | |
| 5 | 16QAM | 25 | 0 | 22.30 | 22.34 | 22.23 | | |
| 5 | 64QAM | 1 | 0 | 22.26 | 22.35 | 22.38 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.27 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.22 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.37 | 21.24 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.33 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.25 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.13 | 21.29 | 21.25 | | |

## Band 26 Ant 2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 23.25 | 23.36 | 23.30 | 24.2 | 0 |
| 15 | QPSK | 1 | 37 | 23.04 | 23.16 | 23.04 | | |
| 15 | QPSK | 1 | 74 | 23.14 | 23.20 | 23.14 | | |
| 15 | QPSK | 36 | 0 | 23.06 | 23.21 | 23.13 | 24.2 | 0 |
| 15 | QPSK | 36 | 20 | 23.08 | 23.18 | 23.06 | | |
| 15 | QPSK | 36 | 39 | 22.97 | 23.12 | 23.05 | | |
| 15 | QPSK | 75 | 0 | 23.18 | 23.23 | 23.10 | | |
| 15 | 16QAM | 1 | 0 | 23.30 | 23.34 | 23.30 | 24.2 | 0 |
| 15 | 16QAM | 1 | 37 | 23.15 | 23.18 | 23.04 | | |
| 15 | 16QAM | 1 | 74 | 23.19 | 23.23 | 23.09 | | |
| 15 | 16QAM | 36 | 0 | 22.10 | 22.21 | 22.09 | 23.2 | 1 |
| 15 | 16QAM | 36 | 20 | 22.12 | 22.22 | 22.12 | | |
| 15 | 16QAM | 36 | 39 | 22.03 | 22.16 | 22.13 | | |
| 15 | 16QAM | 75 | 0 | 22.07 | 22.19 | 22.13 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.47 | 22.43 | 23.2 | 1 |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.21 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.29 | 22.15 | | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.25 | 21.16 | 22.2 | 2 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.13 | | |
| 15 | 64QAM | 36 | 39 | 21.15 | 21.22 | 21.16 | | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.14 | 21.04 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.14 | 23.30 | 23.09 | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | 22.98 | 23.07 | 22.97 | | |
| 10 | QPSK | 1 | 49 | 23.05 | 23.10 | 23.05 | | |
| 10 | QPSK | 25 | 0 | 22.98 | 23.15 | 23.01 | 24.2 | 0 |
| 10 | QPSK | 25 | 12 | 22.93 | 23.13 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.89 | 23.07 | 22.95 | | |
| 10 | QPSK | 50 | 0 | 23.08 | 23.18 | 23.05 | | |
| 10 | 16QAM | 1 | 0 | 23.29 | 23.31 | 23.18 | 24.2 | 0 |
| 10 | 16QAM | 1 | 25 | 23.03 | 23.05 | 22.91 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.12 | 23.02 | | |
| 10 | 16QAM | 25 | 0 | 21.99 | 22.16 | 21.99 | 23.2 | 1 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.19 | 22.01 | | |
| 10 | 16QAM | 25 | 25 | 21.98 | 22.12 | 21.99 | | |
| 10 | 16QAM | 50 | 0 | 22.01 | 22.06 | 22.04 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.29 | 23.2 | 1 |
| 10 | 64QAM | 1 | 25 | 22.00 | 22.08 | 21.98 | | |
| 10 | 64QAM | 1 | 49 | 22.11 | 22.18 | 22.06 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.19 | 21.04 | 22.2 | 2 |
| 10 | 64QAM | 25 | 12 | 20.98 | 21.19 | 20.99 | | |
| 10 | 64QAM | 25 | 25 | 21.00 | 21.10 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 21.03 | 21.03 | 20.91 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.15 | 23.23 | 23.01 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.98 | 23.08 | 22.95 | | |
| 5 | QPSK | 1 | 24 | 23.02 | 23.09 | 23.09 | | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.09 | 24.2 | 0 |
| 5 | QPSK | 12 | 7 | 22.93 | 23.05 | 23.00 | | |
| 5 | QPSK | 12 | 13 | 22.92 | 22.99 | 23.00 | | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.19 | 23.06 | | |
| 5 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.25 | 24.2 | 0 |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.04 | 22.91 | | |
| 5 | 16QAM | 1 | 24 | 23.08 | 23.09 | 23.00 | | |
| 5 | 16QAM | 12 | 0 | 22.07 | 22.12 | 21.95 | 23.2 | 1 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.09 | 22.02 | | |
| 5 | 16QAM | 12 | 13 | 21.96 | 22.11 | 22.07 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 22.15 | 22.06 | | |
| 5 | 64QAM | 1 | 0 | 22.34 | 22.36 | 22.29 | 23.2 | 1 |
| 5 | 64QAM | 1 | 12 | 22.04 | 22.09 | 22.02 | | |
| 5 | 64QAM | 1 | 24 | 22.11 | 22.24 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 2 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.11 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.17 | 21.10 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.05 | 20.91 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.13 | 23.35 | 23.09 | 24.2 | 0 |
| 3 | QPSK | 1 | 8 | 22.92 | 23.11 | 22.97 | | |
| 3 | QPSK | 1 | 14 | 23.03 | 23.06 | 23.02 | | |
| 3 | QPSK | 8 | 0 | 22.96 | 23.16 | 23.07 | 24.2 | 0 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.06 | 22.95 | | |
| 3 | QPSK | 8 | 7 | 22.93 | 23.00 | 22.99 | | |
| 3 | QPSK | 15 | 0 | 23.10 | 23.18 | 23.07 | | |
| 3 | 16QAM | 1 | 0 | 23.29 | 23.34 | 23.24 | 24.2 | 0 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.14 | 22.97 | | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.16 | 22.95 | | |
| 3 | 16QAM | 8 | 0 | 22.05 | 22.15 | 21.96 | 23.2 | 1 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.09 | 22.02 | | |
| 3 | 16QAM | 8 | 7 | 21.98 | 22.02 | 22.07 | | |
| 3 | 16QAM | 15 | 0 | 21.92 | 22.15 | 22.03 | | |
| 3 | 64QAM | 1 | 0 | 22.32 | 22.32 | 22.36 | 23.2 | 1 |
| 3 | 64QAM | 1 | 8 | 22.03 | 22.13 | 22.01 | | |
| 3 | 64QAM | 1 | 14 | 22.09 | 22.18 | 22.11 | | |
| 3 | 64QAM | 8 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 2 |
| 3 | 64QAM | 8 | 4 | 21.05 | 21.18 | 21.02 | | |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.16 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.07 | 21.08 | 20.93 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.14 | 23.26 | 22.98 | 24.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.96 | 23.03 | 23.00 | | |
| 1.4 | QPSK | 1 | 5 | 23.10 | 23.16 | 23.02 | | |
| 1.4 | QPSK | 3 | 0 | 22.95 | 23.15 | 23.06 | | |
| 1.4 | QPSK | 3 | 1 | 22.94 | 23.08 | 22.90 | | |
| 1.4 | QPSK | 3 | 3 | 22.87 | 23.06 | 22.91 | | |
| 1.4 | QPSK | 6 | 0 | 23.10 | 23.09 | 23.00 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 23.27 | 23.34 | 23.18 | 24.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 23.06 | 23.03 | 22.92 | | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.18 | 22.95 | | |
| 1.4 | 16QAM | 3 | 0 | 23.03 | 23.06 | 23.02 | | |
| 1.4 | 16QAM | 3 | 1 | 23.05 | 23.13 | 23.04 | | |
| 1.4 | 16QAM | 3 | 3 | 22.89 | 22.99 | 23.08 | | |
| 1.4 | 16QAM | 6 | 0 | 22.00 | 22.14 | 22.09 | 23.2 | 1 |
| 1.4 | 64QAM | 1 | 0 | 22.26 | 22.36 | 22.32 | 23.2 | 1 |
| 1.4 | 64QAM | 1 | 3 | 21.95 | 22.15 | 22.04 | | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.23 | 22.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.16 | 22.03 | | |
| 1.4 | 64QAM | 3 | 1 | 21.97 | 22.15 | 22.00 | | |
| 1.4 | 64QAM | 3 | 3 | 22.09 | 22.16 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 21.09 | 20.92 | 22.2 | 2 |

**For Ant5**

## Band 7 ENDC Ant 5 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 16.42 | 16.55 | 16.38 | 18.1 | 0 |
| 20 | QPSK | 1 | 49 | 16.44 | 16.52 | 16.47 | | |
| 20 | QPSK | 1 | 99 | 16.37 | 16.40 | 16.26 | | |
| 20 | QPSK | 50 | 0 | 16.38 | 16.51 | 16.38 | 18.1 | 0 |
| 20 | QPSK | 50 | 24 | 16.44 | 16.48 | 16.38 | | |
| 20 | QPSK | 50 | 50 | 16.37 | 16.43 | 16.31 | | |
| 20 | QPSK | 100 | 0 | 16.43 | 16.49 | 16.44 | | |
| 20 | 16QAM | 1 | 0 | 16.34 | 16.46 | 16.40 | 18.1 | 0 |
| 20 | 16QAM | 1 | 49 | 16.32 | 16.44 | 16.30 | | |
| 20 | 16QAM | 1 | 99 | 16.36 | 16.49 | 16.38 | | |
| 20 | 16QAM | 50 | 0 | 16.27 | 16.41 | 16.38 | 18.1 | 0 |
| 20 | 16QAM | 50 | 24 | 16.36 | 16.42 | 16.31 | | |
| 20 | 16QAM | 50 | 50 | 16.39 | 16.43 | 16.33 | | |
| 20 | 16QAM | 100 | 0 | 16.34 | 16.41 | 16.32 | | |
| 20 | 64QAM | 1 | 0 | 16.38 | 16.44 | 16.40 | 18.1 | 0 |
| 20 | 64QAM | 1 | 49 | 16.40 | 16.44 | 16.37 | | |
| 20 | 64QAM | 1 | 99 | 16.32 | 16.43 | 16.32 | | |
| 20 | 64QAM | 50 | 0 | 16.29 | 16.40 | 16.37 | 18.1 | 0 |
| 20 | 64QAM | 50 | 24 | 16.34 | 16.40 | 16.34 | | |
| 20 | 64QAM | 50 | 50 | 16.30 | 16.42 | 16.34 | | |
| 20 | 64QAM | 100 | 0 | 16.36 | 16.49 | 16.42 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.38 | 16.46 | 16.23 | 18.1 | 0 |
| 15 | QPSK | 1 | 37 | 16.31 | 16.43 | 16.35 | | |
| 15 | QPSK | 1 | 74 | 16.25 | 16.32 | 16.21 | | |
| 15 | QPSK | 36 | 0 | 16.30 | 16.45 | 16.33 | 18.1 | 0 |
| 15 | QPSK | 36 | 20 | 16.34 | 16.39 | 16.30 | | |
| 15 | QPSK | 36 | 39 | 16.34 | 16.38 | 16.19 | | |
| 15 | QPSK | 75 | 0 | 16.40 | 16.38 | 16.40 | | |
| 15 | 16QAM | 1 | 0 | 16.21 | 16.31 | 16.26 | 18.1 | 0 |
| 15 | 16QAM | 1 | 37 | 16.22 | 16.32 | 16.19 | | |
| 15 | 16QAM | 1 | 74 | 16.27 | 16.35 | 16.27 | | |
| 15 | 16QAM | 36 | 0 | 16.23 | 16.37 | 16.24 | 18.1 | 0 |
| 15 | 16QAM | 36 | 20 | 16.23 | 16.34 | 16.21 | | |
| 15 | 16QAM | 36 | 39 | 16.29 | 16.29 | 16.20 | | |
| 15 | 16QAM | 75 | 0 | 16.20 | 16.33 | 16.26 | | |
| 15 | 64QAM | 1 | 0 | 16.24 | 16.36 | 16.30 | 18.1 | 0 |
| 15 | 64QAM | 1 | 37 | 16.35 | 16.34 | 16.23 | | |
| 15 | 64QAM | 1 | 74 | 16.24 | 16.32 | 16.29 | | |
| 15 | 64QAM | 36 | 0 | 16.17 | 16.33 | 16.32 | 18.1 | 0 |
| 15 | 64QAM | 36 | 20 | 16.25 | 16.37 | 16.21 | | |
| 15 | 64QAM | 36 | 39 | 16.23 | 16.33 | 16.28 | | |
| 15 | 64QAM | 75 | 0 | 16.23 | 16.43 | 16.34 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.29 | 16.50 | 16.24 | 18.1 | 0 |
| 10 | QPSK | 1 | 25 | 16.38 | 16.45 | 16.40 | | |
| 10 | QPSK | 1 | 49 | 16.28 | 16.32 | 16.22 | | |
| 10 | QPSK | 25 | 0 | 16.26 | 16.46 | 16.34 | 18.1 | 0 |
| 10 | QPSK | 25 | 12 | 16.35 | 16.35 | 16.30 | | |
| 10 | QPSK | 25 | 25 | 16.25 | 16.32 | 16.17 | | |
| 10 | QPSK | 50 | 0 | 16.32 | 16.39 | 16.41 | | |
| 10 | 16QAM | 1 | 0 | 16.22 | 16.38 | 16.36 | 18.1 | 0 |
| 10 | 16QAM | 1 | 25 | 16.28 | 16.38 | 16.26 | | |
| 10 | 16QAM | 1 | 49 | 16.32 | 16.41 | 16.23 | | |
| 10 | 16QAM | 25 | 0 | 16.20 | 16.29 | 16.28 | 18.1 | 0 |
| 10 | 16QAM | 25 | 12 | 16.24 | 16.35 | 16.18 | | |
| 10 | 16QAM | 25 | 25 | 16.27 | 16.35 | 16.18 | | |
| 10 | 16QAM | 50 | 0 | 16.20 | 16.38 | 16.27 | | |
| 10 | 64QAM | 1 | 0 | 16.29 | 16.35 | 16.27 | 18.1 | 0 |
| 10 | 64QAM | 1 | 25 | 16.28 | 16.37 | 16.24 | | |
| 10 | 64QAM | 1 | 49 | 16.21 | 16.30 | 16.25 | | |
| 10 | 64QAM | 25 | 0 | 16.23 | 16.34 | 16.23 | 18.1 | 0 |
| 10 | 64QAM | 25 | 12 | 16.23 | 16.36 | 16.19 | | |
| 10 | 64QAM | 25 | 25 | 16.21 | 16.34 | 16.30 | | |
| 10 | 64QAM | 50 | 0 | 16.32 | 16.41 | 16.37 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.29 | 16.42 | 16.25 | 18.1 | 0 |
| 5 | QPSK | 1 | 12 | 16.38 | 16.46 | 16.33 | | |
| 5 | QPSK | 1 | 24 | 16.27 | 16.30 | 16.22 | | |
| 5 | QPSK | 12 | 0 | 16.25 | 16.40 | 16.32 | 18.1 | 0 |
| 5 | QPSK | 12 | 7 | 16.34 | 16.40 | 16.32 | | |
| 5 | QPSK | 12 | 13 | 16.29 | 16.40 | 16.19 | | |
| 5 | QPSK | 25 | 0 | 16.32 | 16.46 | 16.31 | | |
| 5 | 16QAM | 1 | 0 | 16.30 | 16.33 | 16.33 | 18.1 | 0 |
| 5 | 16QAM | 1 | 12 | 16.27 | 16.33 | 16.25 | | |
| 5 | 16QAM | 1 | 24 | 16.30 | 16.41 | 16.32 | | |
| 5 | 16QAM | 12 | 0 | 16.18 | 16.35 | 16.34 | 18.1 | 0 |
| 5 | 16QAM | 12 | 7 | 16.32 | 16.29 | 16.16 | | |
| 5 | 16QAM | 12 | 13 | 16.29 | 16.34 | 16.27 | | |
| 5 | 16QAM | 25 | 0 | 16.19 | 16.38 | 16.28 | | |
| 5 | 64QAM | 1 | 0 | 16.25 | 16.31 | 16.28 | 18.1 | 0 |
| 5 | 64QAM | 1 | 12 | 16.31 | 16.32 | 16.26 | | |
| 5 | 64QAM | 1 | 24 | 16.25 | 16.31 | 16.18 | | |
| 5 | 64QAM | 12 | 0 | 16.18 | 16.32 | 16.23 | 18.1 | 0 |
| 5 | 64QAM | 12 | 7 | 16.26 | 16.34 | 16.27 | | |
| 5 | 64QAM | 12 | 13 | 16.18 | 16.30 | 16.25 | | |
| 5 | 64QAM | 25 | 0 | 16.26 | 16.37 | 16.28 | | |

**For Ant6**

| GSM1900 | GSM1900 Ant 6 DSI1 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 25.69 | 25.78 | 25.78 | 27.30 | 16.69 | 16.78 | 16.78 | 18.30 |
| GPRS 1 Tx slot | 25.79 | 25.68 | 25.89 | 27.30 | 16.79 | 16.68 | 16.89 | 18.30 |
| GPRS 2 Tx slots | 22.69 | 22.63 | 22.77 | 24.30 | 16.69 | 16.63 | 16.77 | 18.30 |
| GPRS 3 Tx slots | 21.06 | 20.80 | 21.07 | 22.50 | 16.80 | 16.54 | 16.81 | 18.24 |
| GPRS 4 Tx slots | 19.74 | 19.68 | 19.78 | 21.30 | 16.74 | 16.68 | 16.78 | 18.30 |
| EDGE 1 Tx slot | 25.56 | 25.34 | 25.38 | 27.00 | 16.56 | 16.34 | 16.38 | 18.00 |
| EDGE 2 Tx slots | 22.36 | 22.16 | 22.22 | 24.00 | 16.36 | 16.16 | 16.22 | 18.00 |
| EDGE 3 Tx slots | 20.48 | 20.34 | 20.44 | 22.20 | 16.22 | 16.08 | 16.18 | 17.94 |
| EDGE 4 Tx slots | 19.32 | 19.11 | 19.19 | 21.00 | 16.32 | 16.11 | 16.19 | 18.00 |

| | | WCDMA II Ant 6 DSI1 | | | | WCDMA IV Ant 6 DSI1 | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 15.88 | 16.02 | 15.83 | 17.20 | 19.54 | 19.66 | 19.60 | 20.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 16.06 | 16.14 | 16.03 | 17.20 | 19.69 | 19.78 | 19.67 | 20.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 15.27 | 15.36 | 15.08 | 16.40 | 18.56 | 18.69 | 18.39 | 19.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 15.09 | 15.26 | 15.05 | 16.40 | 18.51 | 18.53 | 18.64 | 19.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 14.59 | 14.64 | 14.33 | 15.70 | 18.06 | 18.19 | 17.97 | 19.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 14.27 | 14.54 | 14.57 | 15.70 | 18.21 | 18.41 | 18.35 | 19.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 15.24 | 15.36 | 15.26 | 16.40 | 18.38 | 18.64 | 18.58 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 15.03 | 14.97 | 14.94 | 16.40 | 18.67 | 18.70 | 18.52 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 14.35 | 14.60 | 14.25 | 15.70 | 18.10 | 18.16 | 18.27 | 19.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 14.40 | 14.32 | 14.19 | 15.70 | 18.18 | 17.98 | 17.87 | 19.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 15.11 | 15.33 | 15.14 | 16.40 | 18.61 | 18.70 | 18.68 | 19.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 11.98 | 11.98 | 11.87 | 13.20 | 16.71 | 16.74 | 16.62 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 12.86 | 13.13 | 13.06 | 14.20 | 17.63 | 17.70 | 17.47 | 18.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 12.04 | 12.03 | 12.02 | 13.20 | 16.55 | 16.57 | 16.46 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 15.08 | 15.27 | 15.11 | 16.40 | 18.47 | 18.64 | 18.85 | 19.70 |

## Band 2 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 16.11 | 16.17 | 16.03 | 17.4 | 0 |
| 20 | QPSK | 1 | 49 | 15.83 | 15.96 | 15.90 | | |
| 20 | QPSK | 1 | 99 | 15.95 | 16.03 | 15.95 | | |
| 20 | QPSK | 50 | 0 | 16.00 | 16.05 | 15.92 | 17.4 | 0 |
| 20 | QPSK | 50 | 24 | 15.85 | 15.99 | 15.89 | | |
| 20 | QPSK | 50 | 50 | 15.87 | 16.01 | 15.88 | | |
| 20 | QPSK | 100 | 0 | 15.97 | 16.04 | 15.91 | | |
| 20 | 16QAM | 1 | 0 | 15.96 | 16.10 | 15.98 | 17.4 | 0 |
| 20 | 16QAM | 1 | 49 | 15.74 | 15.86 | 15.79 | | |
| 20 | 16QAM | 1 | 99 | 15.89 | 15.94 | 15.80 | | |
| 20 | 16QAM | 50 | 0 | 15.96 | 16.02 | 15.94 | 17.4 | 0 |
| 20 | 16QAM | 50 | 24 | 15.80 | 15.93 | 15.79 | | |
| 20 | 16QAM | 50 | 50 | 15.85 | 15.96 | 15.85 | | |
| 20 | 16QAM | 100 | 0 | 15.86 | 15.90 | 15.85 | | |
| 20 | 64QAM | 1 | 0 | 15.93 | 16.06 | 16.01 | 17.4 | 0 |
| 20 | 64QAM | 1 | 49 | 15.80 | 15.87 | 15.80 | | |
| 20 | 64QAM | 1 | 99 | 15.89 | 15.98 | 15.89 | | |
| 20 | 64QAM | 50 | 0 | 15.92 | 16.01 | 15.88 | 17.4 | 0 |
| 20 | 64QAM | 50 | 24 | 15.79 | 15.88 | 15.82 | | |
| 20 | 64QAM | 50 | 50 | 15.79 | 15.92 | 15.81 | | |
| 20 | 64QAM | 100 | 0 | 15.84 | 15.93 | 15.85 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 15.96 | 16.05 | 15.99 | 17.4 | 0 |
| 15 | QPSK | 1 | 37 | 15.73 | 15.86 | 15.80 | | |
| 15 | QPSK | 1 | 74 | 15.90 | 15.91 | 15.86 | | |
| 15 | QPSK | 36 | 0 | 15.89 | 16.00 | 15.82 | 17.4 | 0 |
| 15 | QPSK | 36 | 20 | 15.77 | 15.95 | 15.79 | | |
| 15 | QPSK | 36 | 39 | 15.73 | 15.89 | 15.75 | | |
| 15 | QPSK | 75 | 0 | 15.83 | 15.89 | 15.83 | | |
| 15 | 16QAM | 1 | 0 | 15.91 | 16.05 | 15.94 | 17.4 | 0 |
| 15 | 16QAM | 1 | 37 | 15.64 | 15.71 | 15.75 | | |
| 15 | 16QAM | 1 | 74 | 15.84 | 15.90 | 15.76 | | |
| 15 | 16QAM | 36 | 0 | 15.82 | 15.91 | 15.81 | 17.4 | 0 |
| 15 | 16QAM | 36 | 20 | 15.77 | 15.79 | 15.65 | | |
| 15 | 16QAM | 36 | 39 | 15.79 | 15.84 | 15.70 | | |
| 15 | 16QAM | 75 | 0 | 15.72 | 15.77 | 15.81 | | |
| 15 | 64QAM | 1 | 0 | 15.83 | 16.02 | 15.90 | 17.4 | 0 |
| 15 | 64QAM | 1 | 37 | 15.65 | 15.78 | 15.66 | | |
| 15 | 64QAM | 1 | 74 | 15.85 | 15.89 | 15.83 | | |
| 15 | 64QAM | 36 | 0 | 15.78 | 15.94 | 15.84 | 17.4 | 0 |
| 15 | 64QAM | 36 | 20 | 15.75 | 15.80 | 15.71 | | |
| 15 | 64QAM | 36 | 39 | 15.69 | 15.77 | 15.74 | | |
| 15 | 64QAM | 75 | 0 | 15.73 | 15.79 | 15.76 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 15.97 | 16.04 | 15.91 | 17.4 | 0 |
| 10 | QPSK | 1 | 25 | 15.78 | 15.91 | 15.86 | | |
| 10 | QPSK | 1 | 49 | 15.91 | 15.91 | 15.84 | | |
| 10 | QPSK | 25 | 0 | 15.91 | 15.95 | 15.80 | 17.4 | 0 |
| 10 | QPSK | 25 | 12 | 15.79 | 15.96 | 15.80 | | |
| 10 | QPSK | 25 | 25 | 15.80 | 15.96 | 15.80 | | |
| 10 | QPSK | 50 | 0 | 15.89 | 15.96 | 15.81 | | |
| 10 | 16QAM | 1 | 0 | 15.82 | 16.04 | 15.91 | 17.4 | 0 |
| 10 | 16QAM | 1 | 25 | 15.63 | 15.81 | 15.73 | | |
| 10 | 16QAM | 1 | 49 | 15.82 | 15.83 | 15.71 | | |
| 10 | 16QAM | 25 | 0 | 15.89 | 15.95 | 15.90 | 17.4 | 0 |
| 10 | 16QAM | 25 | 12 | 15.75 | 15.89 | 15.69 | | |
| 10 | 16QAM | 25 | 25 | 15.82 | 15.85 | 15.76 | | |
| 10 | 16QAM | 50 | 0 | 15.80 | 15.82 | 15.80 | | |
| 10 | 64QAM | 1 | 0 | 15.85 | 15.98 | 15.88 | 17.4 | 0 |
| 10 | 64QAM | 1 | 25 | 15.76 | 15.74 | 15.69 | | |
| 10 | 64QAM | 1 | 49 | 15.81 | 15.87 | 15.78 | | |
| 10 | 64QAM | 25 | 0 | 15.89 | 15.97 | 15.82 | 17.4 | 0 |
| 10 | 64QAM | 25 | 12 | 15.76 | 15.82 | 15.76 | | |
| 10 | 64QAM | 25 | 25 | 15.71 | 15.86 | 15.75 | | |
| 10 | 64QAM | 50 | 0 | 15.72 | 15.82 | 15.71 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.04 | 16.10 | 15.94 | 17.4 | 0 |
| 5 | QPSK | 1 | 12 | 15.72 | 15.82 | 15.86 | | |
| 5 | QPSK | 1 | 24 | 15.82 | 15.95 | 15.88 | | |
| 5 | QPSK | 12 | 0 | 15.89 | 15.94 | 15.79 | 17.4 | 0 |
| 5 | QPSK | 12 | 7 | 15.76 | 15.94 | 15.77 | | |
| 5 | QPSK | 12 | 13 | 15.74 | 15.97 | 15.83 | | |
| 5 | QPSK | 25 | 0 | 15.88 | 15.94 | 15.77 | | |
| 5 | 16QAM | 1 | 0 | 15.93 | 16.00 | 15.92 | 17.4 | 0 |
| 5 | 16QAM | 1 | 12 | 15.64 | 15.76 | 15.71 | | |
| 5 | 16QAM | 1 | 24 | 15.85 | 15.82 | 15.70 | | |
| 5 | 16QAM | 12 | 0 | 15.89 | 15.88 | 15.80 | 17.4 | 0 |
| 5 | 16QAM | 12 | 7 | 15.66 | 15.78 | 15.76 | | |
| 5 | 16QAM | 12 | 13 | 15.74 | 15.89 | 15.74 | | |
| 5 | 16QAM | 25 | 0 | 15.77 | 15.83 | 15.82 | | |
| 5 | 64QAM | 1 | 0 | 15.83 | 15.95 | 15.87 | 17.4 | 0 |
| 5 | 64QAM | 1 | 12 | 15.75 | 15.80 | 15.66 | | |
| 5 | 64QAM | 1 | 24 | 15.80 | 15.86 | 15.78 | | |
| 5 | 64QAM | 12 | 0 | 15.82 | 15.87 | 15.82 | 17.4 | 0 |
| 5 | 64QAM | 12 | 7 | 15.66 | 15.79 | 15.77 | | |
| 5 | 64QAM | 12 | 13 | 15.68 | 15.77 | 15.76 | | |
| 5 | 64QAM | 25 | 0 | 15.78 | 15.90 | 15.79 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.04 | 16.04 | 15.96 | 17.4 | 0 |
| 3 | QPSK | 1 | 8 | 15.75 | 15.87 | 15.76 | | |
| 3 | QPSK | 1 | 14 | 15.81 | 15.99 | 15.83 | | |
| 3 | QPSK | 8 | 0 | 15.85 | 15.92 | 15.87 | 17.4 | 0 |
| 3 | QPSK | 8 | 4 | 15.73 | 15.95 | 15.80 | | |
| 3 | QPSK | 8 | 7 | 15.77 | 15.88 | 15.74 | | |
| 3 | QPSK | 15 | 0 | 15.83 | 16.00 | 15.76 | | |
| 3 | 16QAM | 1 | 0 | 15.84 | 15.95 | 15.94 | 17.4 | 0 |
| 3 | 16QAM | 1 | 8 | 15.66 | 15.81 | 15.71 | | |
| 3 | 16QAM | 1 | 14 | 15.79 | 15.86 | 15.70 | | |
| 3 | 16QAM | 8 | 0 | 15.86 | 15.93 | 15.85 | 17.4 | 0 |
| 3 | 16QAM | 8 | 4 | 15.68 | 15.82 | 15.69 | | |
| 3 | 16QAM | 8 | 7 | 15.71 | 15.82 | 15.75 | | |
| 3 | 16QAM | 15 | 0 | 15.80 | 15.75 | 15.71 | | |
| 3 | 64QAM | 1 | 0 | 15.84 | 15.92 | 15.91 | 17.4 | 0 |
| 3 | 64QAM | 1 | 8 | 15.74 | 15.72 | 15.70 | | |
| 3 | 64QAM | 1 | 14 | 15.84 | 15.94 | 15.81 | | |
| 3 | 64QAM | 8 | 0 | 15.78 | 15.97 | 15.84 | 17.4 | 0 |
| 3 | 64QAM | 8 | 4 | 15.72 | 15.83 | 15.70 | | |
| 3 | 64QAM | 8 | 7 | 15.70 | 15.83 | 15.72 | | |
| 3 | 64QAM | 15 | 0 | 15.80 | 15.81 | 15.77 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.06 | 16.05 | 15.96 | 17.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.77 | 15.83 | 15.84 | | |
| 1.4 | QPSK | 1 | 5 | 15.90 | 15.95 | 15.88 | | |
| 1.4 | QPSK | 3 | 0 | 15.87 | 15.95 | 15.87 | | |
| 1.4 | QPSK | 3 | 1 | 15.70 | 15.87 | 15.79 | | |
| 1.4 | QPSK | 3 | 3 | 15.72 | 15.93 | 15.82 | | |
| 1.4 | QPSK | 6 | 0 | 15.89 | 15.90 | 15.80 | 17.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.93 | 16.05 | 15.86 | 17.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.67 | 15.78 | 15.74 | | |
| 1.4 | 16QAM | 1 | 5 | 15.86 | 15.81 | 15.74 | | |
| 1.4 | 16QAM | 3 | 0 | 15.93 | 15.98 | 15.79 | | |
| 1.4 | 16QAM | 3 | 1 | 15.70 | 15.79 | 15.76 | | |
| 1.4 | 16QAM | 3 | 3 | 15.81 | 15.89 | 15.73 | | |
| 1.4 | 16QAM | 6 | 0 | 15.74 | 15.80 | 15.73 | 17.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.84 | 15.97 | 15.87 | 17.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.69 | 15.76 | 15.73 | | |
| 1.4 | 64QAM | 1 | 5 | 15.75 | 15.93 | 15.84 | | |
| 1.4 | 64QAM | 3 | 0 | 15.79 | 15.94 | 15.78 | | |
| 1.4 | 64QAM | 3 | 1 | 15.65 | 15.83 | 15.75 | | |
| 1.4 | 64QAM | 3 | 3 | 15.73 | 15.88 | 15.68 | | |
| 1.4 | 64QAM | 6 | 0 | 15.76 | 15.80 | 15.81 | 17.4 | 0 |

## Band 4 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 19.01 | 19.15 | 18.89 | 20.4 | 0 |
| 20 | QPSK | 1 | 49 | 18.86 | 18.93 | 18.81 | | |
| 20 | QPSK | 1 | 99 | 18.99 | 19.04 | 18.94 | | |
| 20 | QPSK | 50 | 0 | 19.08 | 19.12 | 18.98 | 20.4 | 0 |
| 20 | QPSK | 50 | 24 | 18.94 | 19.07 | 19.02 | | |
| 20 | QPSK | 50 | 50 | 18.97 | 19.04 | 18.90 | | |
| 20 | QPSK | 100 | 0 | 19.06 | 19.10 | 19.00 | | |
| 20 | 16QAM | 1 | 0 | 18.97 | 19.09 | 19.04 | 20.4 | 0 |
| 20 | 16QAM | 1 | 49 | 18.71 | 18.81 | 18.71 | | |
| 20 | 16QAM | 1 | 99 | 18.81 | 18.91 | 18.77 | | |
| 20 | 16QAM | 50 | 0 | 18.89 | 19.03 | 18.97 | 20.4 | 0 |
| 20 | 16QAM | 50 | 24 | 18.88 | 18.93 | 18.87 | | |
| 20 | 16QAM | 50 | 50 | 18.82 | 18.94 | 18.87 | | |
| 20 | 16QAM | 100 | 0 | 18.89 | 19.02 | 18.93 | | |
| 20 | 64QAM | 1 | 0 | 18.96 | 19.03 | 18.89 | 20.4 | 0 |
| 20 | 64QAM | 1 | 49 | 18.79 | 18.86 | 18.72 | | |
| 20 | 64QAM | 1 | 99 | 18.86 | 18.99 | 18.88 | | |
| 20 | 64QAM | 50 | 0 | 18.92 | 19.03 | 18.91 | 20.4 | 0 |
| 20 | 64QAM | 50 | 24 | 18.93 | 18.98 | 18.88 | | |
| 20 | 64QAM | 50 | 50 | 18.76 | 18.91 | 18.82 | | |
| 20 | 64QAM | 100 | 0 | 18.98 | 19.05 | 18.91 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 18.96 | 19.05 | 18.80 | 20.4 | 0 |
| 15 | QPSK | 1 | 37 | 18.72 | 18.83 | 18.78 | | |
| 15 | QPSK | 1 | 74 | 18.89 | 18.90 | 18.89 | | |
| 15 | QPSK | 36 | 0 | 18.96 | 19.05 | 18.89 | 20.4 | 0 |
| 15 | QPSK | 36 | 20 | 18.84 | 18.93 | 18.87 | | |
| 15 | QPSK | 36 | 39 | 18.85 | 18.94 | 18.85 | | |
| 15 | QPSK | 75 | 0 | 18.95 | 18.96 | 18.89 | | |
| 15 | 16QAM | 1 | 0 | 18.84 | 19.02 | 18.96 | 20.4 | 0 |
| 15 | 16QAM | 1 | 37 | 18.67 | 18.73 | 18.62 | | |
| 15 | 16QAM | 1 | 74 | 18.66 | 18.82 | 18.66 | | |
| 15 | 16QAM | 36 | 0 | 18.80 | 18.96 | 18.83 | 20.4 | 0 |
| 15 | 16QAM | 36 | 20 | 18.82 | 18.81 | 18.77 | | |
| 15 | 16QAM | 36 | 39 | 18.70 | 18.87 | 18.79 | | |
| 15 | 16QAM | 75 | 0 | 18.78 | 18.97 | 18.78 | | |
| 15 | 64QAM | 1 | 0 | 18.86 | 18.90 | 18.85 | 20.4 | 0 |
| 15 | 64QAM | 1 | 37 | 18.67 | 18.71 | 18.63 | | |
| 15 | 64QAM | 1 | 74 | 18.73 | 18.92 | 18.82 | | |
| 15 | 64QAM | 36 | 0 | 18.79 | 18.90 | 18.84 | 20.4 | 0 |
| 15 | 64QAM | 36 | 20 | 18.83 | 18.83 | 18.77 | | |
| 15 | 64QAM | 36 | 39 | 18.69 | 18.85 | 18.78 | | |
| 15 | 64QAM | 75 | 0 | 18.94 | 18.97 | 18.84 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 18.90 | 19.07 | 18.83 | 20.4 | 0 |
| 10 | QPSK | 1 | 25 | 18.77 | 18.83 | 18.76 | | |
| 10 | QPSK | 1 | 49 | 18.93 | 18.99 | 18.83 | | |
| 10 | QPSK | 25 | 0 | 18.94 | 18.99 | 18.95 | 20.4 | 0 |
| 10 | QPSK | 25 | 12 | 18.82 | 18.93 | 18.92 | | |
| 10 | QPSK | 25 | 25 | 18.93 | 18.90 | 18.79 | | |
| 10 | QPSK | 50 | 0 | 18.96 | 19.01 | 18.94 | | |
| 10 | 16QAM | 1 | 0 | 18.83 | 18.96 | 18.92 | 20.4 | 0 |
| 10 | 16QAM | 1 | 25 | 18.57 | 18.70 | 18.57 | | |
| 10 | 16QAM | 1 | 49 | 18.78 | 18.88 | 18.69 | | |
| 10 | 16QAM | 25 | 0 | 18.76 | 18.96 | 18.93 | 20.4 | 0 |
| 10 | 16QAM | 25 | 12 | 18.81 | 18.85 | 18.76 | | |
| 10 | 16QAM | 25 | 25 | 18.67 | 18.81 | 18.82 | | |
| 10 | 16QAM | 50 | 0 | 18.75 | 18.92 | 18.79 | | |
| 10 | 64QAM | 1 | 0 | 18.87 | 18.91 | 18.82 | 20.4 | 0 |
| 10 | 64QAM | 1 | 25 | 18.68 | 18.73 | 18.67 | | |
| 10 | 64QAM | 1 | 49 | 18.82 | 18.87 | 18.77 | | |
| 10 | 64QAM | 25 | 0 | 18.87 | 18.91 | 18.80 | 20.4 | 0 |
| 10 | 64QAM | 25 | 12 | 18.89 | 18.94 | 18.83 | | |
| 10 | 64QAM | 25 | 25 | 18.68 | 18.85 | 18.77 | | |
| 10 | 64QAM | 50 | 0 | 18.84 | 18.90 | 18.78 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 18.97 | 19.09 | 18.78 | 20.4 | 0 |
| 5 | QPSK | 1 | 12 | 18.80 | 18.82 | 18.77 | | |
| 5 | QPSK | 1 | 24 | 18.90 | 18.95 | 18.84 | | |
| 5 | QPSK | 12 | 0 | 18.98 | 18.98 | 18.88 | 20.4 | 0 |
| 5 | QPSK | 12 | 7 | 18.88 | 19.04 | 18.90 | | |
| 5 | QPSK | 12 | 13 | 18.87 | 18.91 | 18.83 | | |
| 5 | QPSK | 25 | 0 | 18.99 | 19.03 | 18.85 | | |
| 5 | 16QAM | 1 | 0 | 18.92 | 19.03 | 18.91 | 20.4 | 0 |
| 5 | 16QAM | 1 | 12 | 18.58 | 18.77 | 18.62 | | |
| 5 | 16QAM | 1 | 24 | 18.73 | 18.84 | 18.67 | | |
| 5 | 16QAM | 12 | 0 | 18.84 | 18.89 | 18.86 | 20.4 | 0 |
| 5 | 16QAM | 12 | 7 | 18.78 | 18.81 | 18.81 | | |
| 5 | 16QAM | 12 | 13 | 18.68 | 18.89 | 18.82 | | |
| 5 | 16QAM | 25 | 0 | 18.79 | 18.90 | 18.78 | | |
| 5 | 64QAM | 1 | 0 | 18.92 | 18.89 | 18.77 | 20.4 | 0 |
| 5 | 64QAM | 1 | 12 | 18.70 | 18.79 | 18.64 | | |
| 5 | 64QAM | 1 | 24 | 18.82 | 18.96 | 18.83 | | |
| 5 | 64QAM | 12 | 0 | 18.78 | 18.95 | 18.79 | 20.4 | 0 |
| 5 | 64QAM | 12 | 7 | 18.85 | 18.84 | 18.74 | | |
| 5 | 64QAM | 12 | 13 | 18.66 | 18.79 | 18.72 | | |
| 5 | 64QAM | 25 | 0 | 18.88 | 18.91 | 18.80 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 18.91 | 19.02 | 18.85 | 20.4 | 0 |
| 3 | QPSK | 1 | 8 | 18.73 | 18.84 | 18.76 | | |
| 3 | QPSK | 1 | 14 | 18.88 | 18.94 | 18.86 | | |
| 3 | QPSK | 8 | 0 | 19.02 | 18.97 | 18.92 | 20.4 | 0 |
| 3 | QPSK | 8 | 4 | 18.88 | 18.93 | 18.95 | | |
| 3 | QPSK | 8 | 7 | 18.88 | 18.99 | 18.75 | | |
| 3 | QPSK | 15 | 0 | 19.01 | 19.06 | 18.93 | | |
| 3 | 16QAM | 1 | 0 | 18.93 | 19.04 | 18.95 | 20.4 | 0 |
| 3 | 16QAM | 1 | 8 | 18.65 | 18.67 | 18.65 | | |
| 3 | 16QAM | 1 | 14 | 18.77 | 18.82 | 18.65 | | |
| 3 | 16QAM | 8 | 0 | 18.77 | 18.95 | 18.92 | 20.4 | 0 |
| 3 | 16QAM | 8 | 4 | 18.81 | 18.79 | 18.74 | | |
| 3 | 16QAM | 8 | 7 | 18.78 | 18.86 | 18.76 | | |
| 3 | 16QAM | 15 | 0 | 18.79 | 18.99 | 18.88 | | |
| 3 | 64QAM | 1 | 0 | 18.86 | 18.95 | 18.75 | 20.4 | 0 |
| 3 | 64QAM | 1 | 8 | 18.66 | 18.72 | 18.60 | | |
| 3 | 64QAM | 1 | 14 | 18.77 | 18.86 | 18.74 | | |
| 3 | 64QAM | 8 | 0 | 18.87 | 18.90 | 18.88 | 20.4 | 0 |
| 3 | 64QAM | 8 | 4 | 18.89 | 18.94 | 18.77 | | |
| 3 | 64QAM | 8 | 7 | 18.69 | 18.79 | 18.72 | | |
| 3 | 64QAM | 15 | 0 | 18.91 | 18.98 | 18.76 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.96 | 19.02 | 18.84 | 20.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.79 | 18.86 | 18.71 | | |
| 1.4 | QPSK | 1 | 5 | 18.94 | 18.94 | 18.89 | | |
| 1.4 | QPSK | 3 | 0 | 18.96 | 19.04 | 18.84 | | |
| 1.4 | QPSK | 3 | 1 | 18.85 | 19.04 | 18.89 | | |
| 1.4 | QPSK | 3 | 3 | 18.82 | 19.00 | 18.84 | | |
| 1.4 | QPSK | 6 | 0 | 18.96 | 19.04 | 18.97 | 20.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.92 | 19.03 | 18.92 | 20.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.61 | 18.77 | 18.66 | | |
| 1.4 | 16QAM | 1 | 5 | 18.78 | 18.83 | 18.63 | | |
| 1.4 | 16QAM | 3 | 0 | 18.75 | 19.00 | 18.94 | | |
| 1.4 | 16QAM | 3 | 1 | 18.76 | 18.81 | 18.75 | | |
| 1.4 | 16QAM | 3 | 3 | 18.72 | 18.84 | 18.74 | | |
| 1.4 | 16QAM | 6 | 0 | 18.78 | 18.97 | 18.86 | 20.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.86 | 18.98 | 18.85 | 20.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.76 | 18.78 | 18.60 | | |
| 1.4 | 64QAM | 1 | 5 | 18.79 | 18.94 | 18.74 | | |
| 1.4 | 64QAM | 3 | 0 | 18.84 | 18.88 | 18.86 | | |
| 1.4 | 64QAM | 3 | 1 | 18.81 | 18.92 | 18.80 | | |
| 1.4 | 64QAM | 3 | 3 | 18.68 | 18.84 | 18.69 | | |
| 1.4 | 64QAM | 6 | 0 | 18.90 | 18.92 | 18.78 | 20.4 | 0 |

## Band 7 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 14.54 | 14.78 | 14.65 | 15.9 | 0 |
| 20 | QPSK | 1 | 49 | 14.51 | 14.65 | 14.57 | | |
| 20 | QPSK | 1 | 99 | 14.56 | 14.59 | 14.56 | | |
| 20 | QPSK | 50 | 0 | 14.62 | 14.75 | 14.68 | 15.9 | 0 |
| 20 | QPSK | 50 | 24 | 14.57 | 14.66 | 14.62 | | |
| 20 | QPSK | 50 | 50 | 14.61 | 14.71 | 14.56 | | |
| 20 | QPSK | 100 | 0 | 14.60 | 14.68 | 14.54 | | |
| 20 | 16QAM | 1 | 0 | 14.56 | 14.70 | 14.65 | 15.9 | 0 |
| 20 | 16QAM | 1 | 49 | 14.52 | 14.60 | 14.48 | | |
| 20 | 16QAM | 1 | 99 | 14.43 | 14.55 | 14.43 | | |
| 20 | 16QAM | 50 | 0 | 14.49 | 14.61 | 14.54 | 15.9 | 0 |
| 20 | 16QAM | 50 | 24 | 14.41 | 14.51 | 14.41 | | |
| 20 | 16QAM | 50 | 50 | 14.49 | 14.62 | 14.50 | | |
| 20 | 16QAM | 100 | 0 | 14.54 | 14.61 | 14.52 | | |
| 20 | 64QAM | 1 | 0 | 14.55 | 14.67 | 14.60 | 15.9 | 0 |
| 20 | 64QAM | 1 | 49 | 14.51 | 14.58 | 14.52 | | |
| 20 | 64QAM | 1 | 99 | 14.44 | 14.47 | 14.32 | | |
| 20 | 64QAM | 50 | 0 | 14.58 | 14.64 | 14.53 | 15.9 | 0 |
| 20 | 64QAM | 50 | 24 | 14.48 | 14.52 | 14.47 | | |
| 20 | 64QAM | 50 | 50 | 14.47 | 14.57 | 14.47 | | |
| 20 | 64QAM | 100 | 0 | 14.52 | 14.59 | 14.56 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 14.42 | 14.71 | 14.60 | 15.9 | 0 |
| 15 | QPSK | 1 | 37 | 14.45 | 14.54 | 14.50 | | |
| 15 | QPSK | 1 | 74 | 14.42 | 14.55 | 14.47 | | |
| 15 | QPSK | 36 | 0 | 14.47 | 14.64 | 14.53 | 15.9 | 0 |
| 15 | QPSK | 36 | 20 | 14.49 | 14.54 | 14.57 | | |
| 15 | QPSK | 36 | 39 | 14.57 | 14.62 | 14.46 | | |
| 15 | QPSK | 75 | 0 | 14.56 | 14.61 | 14.46 | | |
| 15 | 16QAM | 1 | 0 | 14.51 | 14.64 | 14.51 | 15.9 | 0 |
| 15 | 16QAM | 1 | 37 | 14.42 | 14.51 | 14.41 | | |
| 15 | 16QAM | 1 | 74 | 14.33 | 14.42 | 14.36 | | |
| 15 | 16QAM | 36 | 0 | 14.46 | 14.56 | 14.50 | 15.9 | 0 |
| 15 | 16QAM | 36 | 20 | 14.35 | 14.36 | 14.33 | | |
| 15 | 16QAM | 36 | 39 | 14.40 | 14.53 | 14.43 | | |
| 15 | 16QAM | 75 | 0 | 14.42 | 14.53 | 14.48 | | |
| 15 | 64QAM | 1 | 0 | 14.46 | 14.56 | 14.55 | 15.9 | 0 |
| 15 | 64QAM | 1 | 37 | 14.45 | 14.54 | 14.44 | | |
| 15 | 64QAM | 1 | 74 | 14.33 | 14.32 | 14.17 | | |
| 15 | 64QAM | 36 | 0 | 14.47 | 14.54 | 14.43 | 15.9 | 0 |
| 15 | 64QAM | 36 | 20 | 14.42 | 14.44 | 14.41 | | |
| 15 | 64QAM | 36 | 39 | 14.35 | 14.48 | 14.39 | | |
| 15 | 64QAM | 75 | 0 | 14.39 | 14.48 | 14.50 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 14.42 | 14.68 | 14.52 | 15.9 | 0 |
| 10 | QPSK | 1 | 25 | 14.44 | 14.57 | 14.46 | | |
| 10 | QPSK | 1 | 49 | 14.47 | 14.48 | 14.45 | | |
| 10 | QPSK | 25 | 0 | 14.53 | 14.70 | 14.58 | 15.9 | 0 |
| 10 | QPSK | 25 | 12 | 14.43 | 14.57 | 14.59 | | |
| 10 | QPSK | 25 | 25 | 14.55 | 14.60 | 14.49 | | |
| 10 | QPSK | 50 | 0 | 14.47 | 14.56 | 14.47 | | |
| 10 | 16QAM | 1 | 0 | 14.50 | 14.65 | 14.56 | 15.9 | 0 |
| 10 | 16QAM | 1 | 25 | 14.42 | 14.46 | 14.36 | | |
| 10 | 16QAM | 1 | 49 | 14.31 | 14.46 | 14.30 | | |
| 10 | 16QAM | 25 | 0 | 14.36 | 14.57 | 14.39 | 15.9 | 0 |
| 10 | 16QAM | 25 | 12 | 14.33 | 14.45 | 14.35 | | |
| 10 | 16QAM | 25 | 25 | 14.40 | 14.48 | 14.44 | | |
| 10 | 16QAM | 50 | 0 | 14.43 | 14.46 | 14.43 | | |
| 10 | 64QAM | 1 | 0 | 14.47 | 14.61 | 14.45 | 15.9 | 0 |
| 10 | 64QAM | 1 | 25 | 14.41 | 14.44 | 14.48 | | |
| 10 | 64QAM | 1 | 49 | 14.32 | 14.44 | 14.24 | | |
| 10 | 64QAM | 25 | 0 | 14.52 | 14.49 | 14.48 | 15.9 | 0 |
| 10 | 64QAM | 25 | 12 | 14.43 | 14.44 | 14.38 | | |
| 10 | 64QAM | 25 | 25 | 14.39 | 14.50 | 14.40 | | |
| 10 | 64QAM | 50 | 0 | 14.42 | 14.46 | 14.46 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 14.46 | 14.71 | 14.57 | 15.9 | 0 |
| 5 | QPSK | 1 | 12 | 14.47 | 14.58 | 14.49 | | |
| 5 | QPSK | 1 | 24 | 14.42 | 14.48 | 14.45 | | |
| 5 | QPSK | 12 | 0 | 14.53 | 14.68 | 14.62 | 15.9 | 0 |
| 5 | QPSK | 12 | 7 | 14.50 | 14.53 | 14.51 | | |
| 5 | QPSK | 12 | 13 | 14.47 | 14.57 | 14.47 | | |
| 5 | QPSK | 25 | 0 | 14.53 | 14.54 | 14.41 | | |
| 5 | 16QAM | 1 | 0 | 14.51 | 14.63 | 14.58 | 15.9 | 0 |
| 5 | 16QAM | 1 | 12 | 14.45 | 14.50 | 14.33 | | |
| 5 | 16QAM | 1 | 24 | 14.39 | 14.45 | 14.36 | | |
| 5 | 16QAM | 12 | 0 | 14.37 | 14.58 | 14.50 | 15.9 | 0 |
| 5 | 16QAM | 12 | 7 | 14.32 | 14.36 | 14.32 | | |
| 5 | 16QAM | 12 | 13 | 14.39 | 14.56 | 14.44 | | |
| 5 | 16QAM | 25 | 0 | 14.43 | 14.53 | 14.45 | | |
| 5 | 64QAM | 1 | 0 | 14.44 | 14.53 | 14.48 | 15.9 | 0 |
| 5 | 64QAM | 1 | 12 | 14.37 | 14.53 | 14.47 | | |
| 5 | 64QAM | 1 | 24 | 14.33 | 14.35 | 14.18 | | |
| 5 | 64QAM | 12 | 0 | 14.49 | 14.59 | 14.49 | 15.9 | 0 |
| 5 | 64QAM | 12 | 7 | 14.35 | 14.46 | 14.35 | | |
| 5 | 64QAM | 12 | 13 | 14.39 | 14.53 | 14.38 | | |
| 5 | 64QAM | 25 | 0 | 14.38 | 14.51 | 14.46 | | |

## Band 25 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 16.22 | 16.31 | 16.15 | 17.4 | 0 |
| 20 | QPSK | 1 | 49 | 16.16 | 16.27 | 16.12 | | |
| 20 | QPSK | 1 | 99 | 16.06 | 16.21 | 16.14 | | |
| 20 | QPSK | 50 | 0 | 16.14 | 16.25 | 16.21 | 17.4 | 0 |
| 20 | QPSK | 50 | 24 | 16.15 | 16.21 | 16.12 | | |
| 20 | QPSK | 50 | 50 | 16.02 | 16.17 | 16.05 | | |
| 20 | QPSK | 100 | 0 | 16.19 | 16.28 | 16.19 | | |
| 20 | 16QAM | 1 | 0 | 16.15 | 16.26 | 16.12 | 17.4 | 0 |
| 20 | 16QAM | 1 | 49 | 16.12 | 16.16 | 16.12 | | |
| 20 | 16QAM | 1 | 99 | 16.01 | 16.10 | 16.04 | | |
| 20 | 16QAM | 50 | 0 | 16.21 | 16.25 | 16.18 | 17.4 | 0 |
| 20 | 16QAM | 50 | 24 | 16.03 | 16.17 | 16.02 | | |
| 20 | 16QAM | 50 | 50 | 16.12 | 16.21 | 16.16 | | |
| 20 | 16QAM | 100 | 0 | 16.12 | 16.18 | 16.07 | | |
| 20 | 64QAM | 1 | 0 | 16.12 | 16.25 | 16.16 | 17.4 | 0 |
| 20 | 64QAM | 1 | 49 | 16.09 | 16.24 | 16.14 | | |
| 20 | 64QAM | 1 | 99 | 16.01 | 16.12 | 16.04 | | |
| 20 | 64QAM | 50 | 0 | 16.15 | 16.23 | 16.14 | 17.4 | 0 |
| 20 | 64QAM | 50 | 24 | 15.92 | 16.07 | 16.03 | | |
| 20 | 64QAM | 50 | 50 | 16.09 | 16.19 | 16.09 | | |
| 20 | 64QAM | 100 | 0 | 16.10 | 16.16 | 16.12 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 16.13 | 16.21 | 16.11 | 17.4 | 0 |
| 15 | QPSK | 1 | 37 | 16.03 | 16.14 | 15.99 | | |
| 15 | QPSK | 1 | 74 | 16.02 | 16.17 | 16.00 | | |
| 15 | QPSK | 36 | 0 | 16.01 | 16.15 | 16.07 | 17.4 | 0 |
| 15 | QPSK | 36 | 20 | 16.11 | 16.15 | 15.98 | | |
| 15 | QPSK | 36 | 39 | 15.98 | 16.13 | 15.93 | | |
| 15 | QPSK | 75 | 0 | 16.16 | 16.24 | 16.15 | | |
| 15 | 16QAM | 1 | 0 | 16.02 | 16.12 | 16.04 | 17.4 | 0 |
| 15 | 16QAM | 1 | 37 | 16.06 | 16.10 | 15.99 | | |
| 15 | 16QAM | 1 | 74 | 15.95 | 16.03 | 15.99 | | |
| 15 | 16QAM | 36 | 0 | 16.12 | 16.17 | 16.09 | 17.4 | 0 |
| 15 | 16QAM | 36 | 20 | 15.95 | 16.03 | 15.90 | | |
| 15 | 16QAM | 36 | 39 | 15.97 | 16.09 | 16.09 | | |
| 15 | 16QAM | 75 | 0 | 15.98 | 16.04 | 15.99 | | |
| 15 | 64QAM | 1 | 0 | 16.04 | 16.22 | 16.01 | 17.4 | 0 |
| 15 | 64QAM | 1 | 37 | 16.03 | 16.10 | 16.10 | | |
| 15 | 64QAM | 1 | 74 | 15.86 | 15.97 | 15.95 | | |
| 15 | 64QAM | 36 | 0 | 16.12 | 16.13 | 16.03 | 17.4 | 0 |
| 15 | 64QAM | 36 | 20 | 15.85 | 15.96 | 15.93 | | |
| 15 | 64QAM | 36 | 39 | 16.04 | 16.09 | 16.02 | | |
| 15 | 64QAM | 75 | 0 | 16.04 | 16.09 | 16.00 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 16.13 | 16.24 | 16.02 | 17.4 | 0 |
| 10 | QPSK | 1 | 25 | 16.04 | 16.13 | 16.05 | | |
| 10 | QPSK | 1 | 49 | 15.99 | 16.06 | 16.06 | | |
| 10 | QPSK | 25 | 0 | 16.05 | 16.11 | 16.11 | 17.4 | 0 |
| 10 | QPSK | 25 | 12 | 16.01 | 16.07 | 16.02 | | |
| 10 | QPSK | 25 | 25 | 15.98 | 16.09 | 16.00 | | |
| 10 | QPSK | 50 | 0 | 16.16 | 16.25 | 16.15 | | |
| 10 | 16QAM | 1 | 0 | 16.02 | 16.18 | 16.07 | 17.4 | 0 |
| 10 | 16QAM | 1 | 25 | 15.98 | 16.05 | 16.00 | | |
| 10 | 16QAM | 1 | 49 | 15.86 | 15.95 | 15.98 | | |
| 10 | 16QAM | 25 | 0 | 16.14 | 16.16 | 16.13 | 17.4 | 0 |
| 10 | 16QAM | 25 | 12 | 15.99 | 16.12 | 15.91 | | |
| 10 | 16QAM | 25 | 25 | 16.06 | 16.14 | 16.06 | | |
| 10 | 16QAM | 50 | 0 | 16.01 | 16.14 | 15.92 | | |
| 10 | 64QAM | 1 | 0 | 16.01 | 16.20 | 16.02 | 17.4 | 0 |
| 10 | 64QAM | 1 | 25 | 15.99 | 16.10 | 16.09 | | |
| 10 | 64QAM | 1 | 49 | 15.95 | 15.99 | 15.97 | | |
| 10 | 64QAM | 25 | 0 | 16.05 | 16.13 | 16.09 | 17.4 | 0 |
| 10 | 64QAM | 25 | 12 | 15.80 | 16.00 | 15.93 | | |
| 10 | 64QAM | 25 | 25 | 15.95 | 16.09 | 16.01 | | |
| 10 | 64QAM | 50 | 0 | 16.05 | 16.12 | 16.02 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 16.18 | 16.28 | 16.01 | 17.4 | 0 |
| 5 | QPSK | 1 | 12 | 16.13 | 16.15 | 16.00 | | |
| 5 | QPSK | 1 | 24 | 15.98 | 16.13 | 16.07 | | |
| 5 | QPSK | 12 | 0 | 16.06 | 16.12 | 16.10 | 17.4 | 0 |
| 5 | QPSK | 12 | 7 | 16.10 | 16.10 | 16.06 | | |
| 5 | QPSK | 12 | 13 | 15.88 | 16.06 | 15.92 | | |
| 5 | QPSK | 25 | 0 | 16.15 | 16.21 | 16.04 | | |
| 5 | 16QAM | 1 | 0 | 16.12 | 16.21 | 16.02 | 17.4 | 0 |
| 5 | 16QAM | 1 | 12 | 16.06 | 16.10 | 16.06 | | |
| 5 | 16QAM | 1 | 24 | 15.96 | 15.97 | 15.92 | | |
| 5 | 16QAM | 12 | 0 | 16.07 | 16.20 | 16.03 | 17.4 | 0 |
| 5 | 16QAM | 12 | 7 | 15.97 | 16.08 | 15.92 | | |
| 5 | 16QAM | 12 | 13 | 16.07 | 16.08 | 16.03 | | |
| 5 | 16QAM | 25 | 0 | 15.99 | 16.14 | 15.97 | | |
| 5 | 64QAM | 1 | 0 | 16.00 | 16.19 | 16.05 | 17.4 | 0 |
| 5 | 64QAM | 1 | 12 | 15.96 | 16.19 | 16.10 | | |
| 5 | 64QAM | 1 | 24 | 15.96 | 16.09 | 16.00 | | |
| 5 | 64QAM | 12 | 0 | 16.11 | 16.10 | 16.01 | 17.4 | 0 |
| 5 | 64QAM | 12 | 7 | 15.79 | 15.93 | 15.96 | | |
| 5 | 64QAM | 12 | 13 | 15.99 | 16.10 | 15.97 | | |
| 5 | 64QAM | 25 | 0 | 15.96 | 16.09 | 16.08 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 16.12 | 16.25 | 16.09 | 17.4 | 0 |
| 3 | QPSK | 1 | 8 | 16.12 | 16.22 | 16.08 | | |
| 3 | QPSK | 1 | 14 | 16.00 | 16.10 | 16.11 | | |
| 3 | QPSK | 8 | 0 | 16.10 | 16.11 | 16.16 | 17.4 | 0 |
| 3 | QPSK | 8 | 4 | 16.04 | 16.18 | 16.02 | | |
| 3 | QPSK | 8 | 7 | 15.89 | 16.14 | 15.96 | | |
| 3 | QPSK | 15 | 0 | 16.09 | 16.25 | 16.10 | | |
| 3 | 16QAM | 1 | 0 | 16.02 | 16.20 | 16.06 | 17.4 | 0 |
| 3 | 16QAM | 1 | 8 | 15.99 | 16.05 | 16.08 | | |
| 3 | 16QAM | 1 | 14 | 15.96 | 16.06 | 15.92 | | |
| 3 | 16QAM | 8 | 0 | 16.18 | 16.16 | 16.10 | 17.4 | 0 |
| 3 | 16QAM | 8 | 4 | 15.96 | 16.13 | 15.92 | | |
| 3 | 16QAM | 8 | 7 | 16.03 | 16.09 | 16.05 | | |
| 3 | 16QAM | 15 | 0 | 16.08 | 16.06 | 16.01 | | |
| 3 | 64QAM | 1 | 0 | 16.06 | 16.20 | 16.05 | 17.4 | 0 |
| 3 | 64QAM | 1 | 8 | 16.00 | 16.18 | 16.03 | | |
| 3 | 64QAM | 1 | 14 | 15.95 | 16.04 | 15.95 | | |
| 3 | 64QAM | 8 | 0 | 16.02 | 16.15 | 15.99 | 17.4 | 0 |
| 3 | 64QAM | 8 | 4 | 15.82 | 15.93 | 16.00 | | |
| 3 | 64QAM | 8 | 7 | 15.95 | 16.07 | 15.99 | | |
| 3 | 64QAM | 15 | 0 | 15.96 | 16.06 | 16.02 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.13 | 16.25 | 16.07 | 17.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.01 | 16.20 | 15.99 | | |
| 1.4 | QPSK | 1 | 5 | 15.96 | 16.11 | 16.00 | | |
| 1.4 | QPSK | 3 | 0 | 16.07 | 16.19 | 16.13 | | |
| 1.4 | QPSK | 3 | 1 | 16.12 | 16.17 | 16.07 | | |
| 1.4 | QPSK | 3 | 3 | 15.89 | 16.08 | 16.00 | | |
| 1.4 | QPSK | 6 | 0 | 16.06 | 16.24 | 16.07 | 17.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.03 | 16.15 | 16.05 | 17.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.04 | 16.01 | 16.04 | | |
| 1.4 | 16QAM | 1 | 5 | 15.91 | 16.00 | 15.91 | | |
| 1.4 | 16QAM | 3 | 0 | 16.10 | 16.20 | 16.04 | | |
| 1.4 | 16QAM | 3 | 1 | 15.92 | 16.03 | 15.95 | | |
| 1.4 | 16QAM | 3 | 3 | 16.02 | 16.12 | 16.04 | | |
| 1.4 | 16QAM | 6 | 0 | 16.06 | 16.12 | 15.93 | 17.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.99 | 16.14 | 16.02 | 17.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.01 | 16.13 | 16.00 | | |
| 1.4 | 64QAM | 1 | 5 | 15.91 | 16.08 | 15.96 | | |
| 1.4 | 64QAM | 3 | 0 | 16.02 | 16.16 | 16.08 | | |
| 1.4 | 64QAM | 3 | 1 | 15.81 | 15.96 | 15.91 | | |
| 1.4 | 64QAM | 3 | 3 | 16.05 | 16.11 | 16.04 | | |
| 1.4 | 64QAM | 6 | 0 | 16.04 | 16.05 | 16.08 | 17.4 | 0 |

## Band 66 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.10 | 19.21 | 19.03 | 20.4 | 0 |
| 20 | QPSK | 1 | 49 | 19.11 | 19.20 | 19.12 | | |
| 20 | QPSK | 1 | 99 | 19.10 | 19.17 | 19.13 | | |
| 20 | QPSK | 50 | 0 | 19.01 | 19.15 | 19.11 | 20.4 | 0 |
| 20 | QPSK | 50 | 24 | 19.04 | 19.14 | 19.00 | | |
| 20 | QPSK | 50 | 50 | 19.05 | 19.09 | 18.95 | | |
| 20 | QPSK | 100 | 0 | 19.15 | 19.19 | 19.08 | | |
| 20 | 16QAM | 1 | 0 | 19.04 | 19.15 | 19.02 | 20.4 | 0 |
| 20 | 16QAM | 1 | 49 | 19.03 | 19.16 | 19.10 | | |
| 20 | 16QAM | 1 | 99 | 18.89 | 19.04 | 18.96 | | |
| 20 | 16QAM | 50 | 0 | 19.03 | 19.15 | 19.11 | 20.4 | 0 |
| 20 | 16QAM | 50 | 24 | 19.03 | 19.08 | 19.02 | | |
| 20 | 16QAM | 50 | 50 | 19.05 | 19.14 | 19.02 | | |
| 20 | 16QAM | 100 | 0 | 19.04 | 19.10 | 18.95 | | |
| 20 | 64QAM | 1 | 0 | 18.97 | 19.08 | 19.03 | 20.4 | 0 |
| 20 | 64QAM | 1 | 49 | 19.02 | 19.11 | 18.97 | | |
| 20 | 64QAM | 1 | 99 | 19.02 | 19.13 | 19.03 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.16 | 19.12 | 20.4 | 0 |
| 20 | 64QAM | 50 | 24 | 18.92 | 19.02 | 18.92 | | |
| 20 | 64QAM | 50 | 50 | 19.05 | 19.16 | 19.13 | | |
| 20 | 64QAM | 100 | 0 | 18.98 | 19.09 | 19.06 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.05 | 19.13 | 18.93 | 20.4 | 0 |
| 15 | QPSK | 1 | 37 | 19.06 | 19.16 | 19.07 | | |
| 15 | QPSK | 1 | 74 | 18.96 | 19.09 | 19.01 | | |
| 15 | QPSK | 36 | 0 | 18.92 | 19.09 | 18.96 | 20.4 | 0 |
| 15 | QPSK | 36 | 20 | 18.91 | 19.10 | 18.93 | | |
| 15 | QPSK | 36 | 39 | 18.93 | 19.01 | 18.90 | | |
| 15 | QPSK | 75 | 0 | 19.06 | 19.16 | 18.99 | | |
| 15 | 16QAM | 1 | 0 | 18.91 | 19.00 | 18.94 | 20.4 | 0 |
| 15 | 16QAM | 1 | 37 | 18.95 | 19.02 | 19.01 | | |
| 15 | 16QAM | 1 | 74 | 18.83 | 18.92 | 18.85 | | |
| 15 | 16QAM | 36 | 0 | 18.95 | 19.09 | 19.07 | 20.4 | 0 |
| 15 | 16QAM | 36 | 20 | 18.95 | 19.00 | 18.99 | | |
| 15 | 16QAM | 36 | 39 | 18.99 | 19.03 | 18.88 | | |
| 15 | 16QAM | 75 | 0 | 18.92 | 18.96 | 18.85 | | |
| 15 | 64QAM | 1 | 0 | 18.83 | 18.99 | 18.96 | 20.4 | 0 |
| 15 | 64QAM | 1 | 37 | 18.94 | 19.05 | 18.92 | | |
| 15 | 64QAM | 1 | 74 | 18.93 | 18.99 | 18.89 | | |
| 15 | 64QAM | 36 | 0 | 19.05 | 19.07 | 19.04 | 20.4 | 0 |
| 15 | 64QAM | 36 | 20 | 18.84 | 18.88 | 18.86 | | |
| 15 | 64QAM | 36 | 39 | 18.95 | 19.02 | 19.04 | | |
| 15 | 64QAM | 75 | 0 | 18.83 | 18.98 | 18.92 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.03 | 19.15 | 19.00 | 20.4 | 0 |
| 10 | QPSK | 1 | 25 | 19.05 | 19.14 | 19.07 | | |
| 10 | QPSK | 1 | 49 | 19.04 | 19.03 | 19.04 | | |
| 10 | QPSK | 25 | 0 | 18.91 | 19.00 | 18.98 | 20.4 | 0 |
| 10 | QPSK | 25 | 12 | 18.98 | 19.05 | 18.95 | | |
| 10 | QPSK | 25 | 25 | 18.92 | 18.96 | 18.80 | | |
| 10 | QPSK | 50 | 0 | 19.09 | 19.07 | 18.94 | | |
| 10 | 16QAM | 1 | 0 | 18.93 | 19.10 | 18.97 | 20.4 | 0 |
| 10 | 16QAM | 1 | 25 | 18.89 | 19.05 | 18.99 | | |
| 10 | 16QAM | 1 | 49 | 18.76 | 19.00 | 18.82 | | |
| 10 | 16QAM | 25 | 0 | 18.93 | 19.08 | 19.02 | 20.4 | 0 |
| 10 | 16QAM | 25 | 12 | 18.90 | 18.94 | 18.94 | | |
| 10 | 16QAM | 25 | 25 | 18.94 | 19.06 | 18.91 | | |
| 10 | 16QAM | 50 | 0 | 18.96 | 18.99 | 18.90 | | |
| 10 | 64QAM | 1 | 0 | 18.92 | 19.01 | 18.93 | 20.4 | 0 |
| 10 | 64QAM | 1 | 25 | 18.94 | 19.08 | 18.89 | | |
| 10 | 64QAM | 1 | 49 | 18.92 | 19.04 | 18.93 | | |
| 10 | 64QAM | 25 | 0 | 18.99 | 19.01 | 19.04 | 20.4 | 0 |
| 10 | 64QAM | 25 | 12 | 18.81 | 18.89 | 18.86 | | |
| 10 | 64QAM | 25 | 25 | 18.96 | 19.05 | 19.06 | | |
| 10 | 64QAM | 50 | 0 | 18.87 | 18.95 | 18.91 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.04 | 19.14 | 18.88 | 20.4 | 0 |
| 5 | QPSK | 1 | 12 | 18.99 | 19.11 | 19.08 | | |
| 5 | QPSK | 1 | 24 | 18.98 | 19.12 | 19.05 | | |
| 5 | QPSK | 12 | 0 | 18.94 | 19.09 | 19.04 | 20.4 | 0 |
| 5 | QPSK | 12 | 7 | 18.94 | 19.08 | 18.93 | | |
| 5 | QPSK | 12 | 13 | 18.93 | 18.95 | 18.92 | | |
| 5 | QPSK | 25 | 0 | 19.09 | 19.08 | 18.96 | | |
| 5 | 16QAM | 1 | 0 | 18.97 | 19.02 | 18.89 | 20.4 | 0 |
| 5 | 16QAM | 1 | 12 | 18.98 | 19.13 | 19.01 | | |
| 5 | 16QAM | 1 | 24 | 18.84 | 18.90 | 18.87 | | |
| 5 | 16QAM | 12 | 0 | 18.96 | 19.08 | 19.07 | 20.4 | 0 |
| 5 | 16QAM | 12 | 7 | 18.95 | 19.02 | 18.98 | | |
| 5 | 16QAM | 12 | 13 | 19.00 | 19.01 | 18.88 | | |
| 5 | 16QAM | 25 | 0 | 18.90 | 18.96 | 18.87 | | |
| 5 | 64QAM | 1 | 0 | 18.92 | 19.04 | 18.94 | 20.4 | 0 |
| 5 | 64QAM | 1 | 12 | 18.94 | 19.07 | 18.88 | | |
| 5 | 64QAM | 1 | 24 | 18.92 | 19.10 | 18.91 | | |
| 5 | 64QAM | 12 | 0 | 19.05 | 19.05 | 19.08 | 20.4 | 0 |
| 5 | 64QAM | 12 | 7 | 18.81 | 18.90 | 18.78 | | |
| 5 | 64QAM | 12 | 13 | 19.00 | 19.07 | 19.02 | | |
| 5 | 64QAM | 25 | 0 | 18.88 | 18.94 | 18.95 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.01 | 19.09 | 18.99 | 20.4 | 0 |
| 3 | QPSK | 1 | 8 | 18.96 | 19.10 | 19.03 | | |
| 3 | QPSK | 1 | 14 | 19.01 | 19.03 | 19.06 | | |
| 3 | QPSK | 8 | 0 | 18.89 | 19.04 | 19.00 | 20.4 | 0 |
| 3 | QPSK | 8 | 4 | 18.98 | 19.06 | 18.96 | | |
| 3 | QPSK | 8 | 7 | 18.93 | 19.06 | 18.84 | | |
| 3 | QPSK | 15 | 0 | 19.01 | 19.15 | 19.01 | | |
| 3 | 16QAM | 1 | 0 | 18.91 | 19.10 | 18.95 | 20.4 | 0 |
| 3 | 16QAM | 1 | 8 | 18.92 | 19.13 | 19.06 | | |
| 3 | 16QAM | 1 | 14 | 18.84 | 18.97 | 18.87 | | |
| 3 | 16QAM | 8 | 0 | 18.93 | 19.11 | 19.05 | 20.4 | 0 |
| 3 | 16QAM | 8 | 4 | 18.99 | 19.04 | 18.91 | | |
| 3 | 16QAM | 8 | 7 | 19.00 | 19.02 | 18.91 | | |
| 3 | 16QAM | 15 | 0 | 18.92 | 19.04 | 18.82 | | |
| 3 | 64QAM | 1 | 0 | 18.91 | 19.00 | 18.92 | 20.4 | 0 |
| 3 | 64QAM | 1 | 8 | 18.96 | 19.08 | 18.91 | | |
| 3 | 64QAM | 1 | 14 | 18.99 | 19.00 | 18.94 | | |
| 3 | 64QAM | 8 | 0 | 18.98 | 19.03 | 19.02 | 20.4 | 0 |
| 3 | 64QAM | 8 | 4 | 18.79 | 18.89 | 18.81 | | |
| 3 | 64QAM | 8 | 7 | 18.92 | 19.09 | 19.04 | | |
| 3 | 64QAM | 15 | 0 | 18.87 | 19.04 | 18.94 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.00 | 19.13 | 18.95 | 20.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.06 | 19.13 | 19.00 | | |
| 1.4 | QPSK | 1 | 5 | 19.00 | 19.03 | 19.03 | | |
| 1.4 | QPSK | 3 | 0 | 18.91 | 19.09 | 19.01 | | |
| 1.4 | QPSK | 3 | 1 | 18.95 | 19.04 | 18.93 | | |
| 1.4 | QPSK | 3 | 3 | 19.00 | 19.02 | 18.84 | | |
| 1.4 | QPSK | 6 | 0 | 19.08 | 19.13 | 18.99 | 20.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.89 | 19.10 | 18.89 | 20.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.98 | 19.08 | 18.99 | | |
| 1.4 | 16QAM | 1 | 5 | 18.75 | 18.99 | 18.91 | | |
| 1.4 | 16QAM | 3 | 0 | 19.00 | 19.05 | 19.02 | | |
| 1.4 | 16QAM | 3 | 1 | 18.99 | 18.99 | 18.94 | | |
| 1.4 | 16QAM | 3 | 3 | 18.93 | 19.03 | 18.87 | | |
| 1.4 | 16QAM | 6 | 0 | 18.92 | 18.97 | 18.86 | 20.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.93 | 18.97 | 18.99 | 20.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.88 | 19.02 | 18.87 | | |
| 1.4 | 64QAM | 1 | 5 | 18.96 | 19.04 | 18.94 | | |
| 1.4 | 64QAM | 3 | 0 | 18.96 | 19.08 | 19.04 | | |
| 1.4 | 64QAM | 3 | 1 | 18.85 | 18.94 | 18.84 | | |
| 1.4 | 64QAM | 3 | 3 | 19.00 | 19.06 | 19.02 | | |
| 1.4 | 64QAM | 6 | 0 | 18.87 | 18.99 | 18.94 | 20.4 | 0 |

## Band 38 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 16.81 | 17.06 | 16.88 | 18.1 | 0 |
| 20 | QPSK | 1 | 49 | 16.82 | 16.97 | 16.84 | | |
| 20 | QPSK | 1 | 99 | 16.76 | 16.89 | 16.78 | | |
| 20 | QPSK | 50 | 0 | 16.84 | 16.95 | 16.86 | 18.1 | 0 |
| 20 | QPSK | 50 | 24 | 16.76 | 16.90 | 16.84 | | |
| 20 | QPSK | 50 | 50 | 16.79 | 16.83 | 16.73 | | |
| 20 | QPSK | 100 | 0 | 16.88 | 16.96 | 16.91 | | |
| 20 | 16QAM | 1 | 0 | 16.89 | 16.96 | 16.84 | 18.1 | 0 |
| 20 | 16QAM | 1 | 49 | 16.78 | 16.91 | 16.83 | | |
| 20 | 16QAM | 1 | 99 | 16.67 | 16.81 | 16.66 | | |
| 20 | 16QAM | 50 | 0 | 16.73 | 16.84 | 16.74 | 18.1 | 0 |
| 20 | 16QAM | 50 | 24 | 16.77 | 16.82 | 16.73 | | |
| 20 | 16QAM | 50 | 50 | 16.65 | 16.77 | 16.70 | | |
| 20 | 16QAM | 100 | 0 | 16.81 | 16.92 | 16.87 | | |
| 20 | 64QAM | 1 | 0 | 16.95 | 17.02 | 16.87 | 18.1 | 0 |
| 20 | 64QAM | 1 | 49 | 16.74 | 16.87 | 16.74 | | |
| 20 | 64QAM | 1 | 99 | 16.73 | 16.85 | 16.78 | | |
| 20 | 64QAM | 50 | 0 | 16.74 | 16.82 | 16.79 | 18.1 | 0 |
| 20 | 64QAM | 50 | 24 | 16.65 | 16.77 | 16.64 | | |
| 20 | 64QAM | 50 | 50 | 16.62 | 16.76 | 16.62 | | |
| 20 | 64QAM | 100 | 0 | 16.71 | 16.84 | 16.81 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.71 | 16.91 | 16.83 | 18.1 | 0 |
| 15 | QPSK | 1 | 37 | 16.70 | 16.91 | 16.70 | | |
| 15 | QPSK | 1 | 74 | 16.69 | 16.74 | 16.68 | | |
| 15 | QPSK | 36 | 0 | 16.71 | 16.80 | 16.82 | 18.1 | 0 |
| 15 | QPSK | 36 | 20 | 16.69 | 16.86 | 16.74 | | |
| 15 | QPSK | 36 | 39 | 16.74 | 16.75 | 16.58 | | |
| 15 | QPSK | 75 | 0 | 16.83 | 16.88 | 16.80 | | |
| 15 | 16QAM | 1 | 0 | 16.79 | 16.87 | 16.76 | 18.1 | 0 |
| 15 | 16QAM | 1 | 37 | 16.70 | 16.78 | 16.74 | | |
| 15 | 16QAM | 1 | 74 | 16.60 | 16.74 | 16.53 | | |
| 15 | 16QAM | 36 | 0 | 16.64 | 16.76 | 16.64 | 18.1 | 0 |
| 15 | 16QAM | 36 | 20 | 16.71 | 16.68 | 16.70 | | |
| 15 | 16QAM | 36 | 39 | 16.54 | 16.66 | 16.67 | | |
| 15 | 16QAM | 75 | 0 | 16.76 | 16.79 | 16.72 | | |
| 15 | 64QAM | 1 | 0 | 16.90 | 16.88 | 16.84 | 18.1 | 0 |
| 15 | 64QAM | 1 | 37 | 16.59 | 16.83 | 16.63 | | |
| 15 | 64QAM | 1 | 74 | 16.61 | 16.71 | 16.64 | | |
| 15 | 64QAM | 36 | 0 | 16.63 | 16.71 | 16.71 | 18.1 | 0 |
| 15 | 64QAM | 36 | 20 | 16.55 | 16.71 | 16.60 | | |
| 15 | 64QAM | 36 | 39 | 16.58 | 16.72 | 16.56 | | |
| 15 | 64QAM | 75 | 0 | 16.63 | 16.72 | 16.77 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.77 | 17.03 | 16.77 | 18.1 | 0 |
| 10 | QPSK | 1 | 25 | 16.71 | 16.92 | 16.70 | | |
| 10 | QPSK | 1 | 49 | 16.64 | 16.86 | 16.70 | | |
| 10 | QPSK | 25 | 0 | 16.72 | 16.92 | 16.76 | 18.1 | 0 |
| 10 | QPSK | 25 | 12 | 16.70 | 16.83 | 16.71 | | |
| 10 | QPSK | 25 | 25 | 16.65 | 16.79 | 16.63 | | |
| 10 | QPSK | 50 | 0 | 16.74 | 16.85 | 16.82 | | |
| 10 | 16QAM | 1 | 0 | 16.78 | 16.89 | 16.73 | 18.1 | 0 |
| 10 | 16QAM | 1 | 25 | 16.65 | 16.84 | 16.69 | | |
| 10 | 16QAM | 1 | 49 | 16.54 | 16.77 | 16.56 | | |
| 10 | 16QAM | 25 | 0 | 16.69 | 16.69 | 16.67 | 18.1 | 0 |
| 10 | 16QAM | 25 | 12 | 16.63 | 16.77 | 16.69 | | |
| 10 | 16QAM | 25 | 25 | 16.53 | 16.69 | 16.61 | | |
| 10 | 16QAM | 50 | 0 | 16.72 | 16.87 | 16.73 | | |
| 10 | 64QAM | 1 | 0 | 16.87 | 16.95 | 16.74 | 18.1 | 0 |
| 10 | 64QAM | 1 | 25 | 16.70 | 16.74 | 16.60 | | |
| 10 | 64QAM | 1 | 49 | 16.62 | 16.79 | 16.71 | | |
| 10 | 64QAM | 25 | 0 | 16.67 | 16.70 | 16.72 | 18.1 | 0 |
| 10 | 64QAM | 25 | 12 | 16.61 | 16.64 | 16.50 | | |
| 10 | 64QAM | 25 | 25 | 16.59 | 16.65 | 16.51 | | |
| 10 | 64QAM | 50 | 0 | 16.59 | 16.81 | 16.76 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.68 | 16.94 | 16.84 | 18.1 | 0 |
| 5 | QPSK | 1 | 12 | 16.79 | 16.86 | 16.69 | | |
| 5 | QPSK | 1 | 24 | 16.72 | 16.77 | 16.72 | | |
| 5 | QPSK | 12 | 0 | 16.76 | 16.91 | 16.72 | 18.1 | 0 |
| 5 | QPSK | 12 | 7 | 16.71 | 16.86 | 16.81 | | |
| 5 | QPSK | 12 | 13 | 16.67 | 16.71 | 16.69 | | |
| 5 | QPSK | 25 | 0 | 16.77 | 16.92 | 16.85 | | |
| 5 | 16QAM | 1 | 0 | 16.81 | 16.92 | 16.75 | 18.1 | 0 |
| 5 | 16QAM | 1 | 12 | 16.72 | 16.86 | 16.73 | | |
| 5 | 16QAM | 1 | 24 | 16.58 | 16.66 | 16.59 | | |
| 5 | 16QAM | 12 | 0 | 16.58 | 16.72 | 16.61 | 18.1 | 0 |
| 5 | 16QAM | 12 | 7 | 16.73 | 16.67 | 16.68 | | |
| 5 | 16QAM | 12 | 13 | 16.50 | 16.65 | 16.57 | | |
| 5 | 16QAM | 25 | 0 | 16.68 | 16.89 | 16.74 | | |
| 5 | 64QAM | 1 | 0 | 16.90 | 16.96 | 16.82 | 18.1 | 0 |
| 5 | 64QAM | 1 | 12 | 16.69 | 16.83 | 16.60 | | |
| 5 | 64QAM | 1 | 24 | 16.66 | 16.72 | 16.63 | | |
| 5 | 64QAM | 12 | 0 | 16.61 | 16.75 | 16.67 | 18.1 | 0 |
| 5 | 64QAM | 12 | 7 | 16.51 | 16.66 | 16.59 | | |
| 5 | 64QAM | 12 | 13 | 16.50 | 16.68 | 16.52 | | |
| 5 | 64QAM | 25 | 0 | 16.62 | 16.80 | 16.68 | | |

## Band 41 Ant 6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 17.04 | 17.02 | 17.12 | 17.08 | 17.10 | 18.1 | 0 |
| 20 | QPSK | 1 | 49 | 16.94 | 16.96 | 17.03 | 16.92 | 16.99 | | |
| 20 | QPSK | 1 | 99 | 16.89 | 16.93 | 16.96 | 16.85 | 16.82 | | |
| 20 | QPSK | 50 | 0 | 16.98 | 16.90 | 17.04 | 16.95 | 16.92 | 18.1 | 0 |
| 20 | QPSK | 50 | 24 | 16.91 | 16.85 | 16.99 | 16.95 | 16.85 | | |
| 20 | QPSK | 50 | 50 | 16.77 | 16.74 | 16.87 | 16.81 | 16.80 | | |
| 20 | QPSK | 100 | 0 | 17.05 | 16.99 | 17.10 | 16.97 | 16.96 | | |
| 20 | 16QAM | 1 | 0 | 16.94 | 16.94 | 17.06 | 16.96 | 16.93 | 18.1 | 0 |
| 20 | 16QAM | 1 | 49 | 16.87 | 16.90 | 16.95 | 16.91 | 16.86 | | |
| 20 | 16QAM | 1 | 99 | 16.80 | 16.84 | 16.88 | 16.84 | 16.77 | | |
| 20 | 16QAM | 50 | 0 | 16.81 | 16.84 | 16.95 | 16.89 | 16.82 | 18.1 | 0 |
| 20 | 16QAM | 50 | 24 | 16.77 | 16.80 | 16.86 | 16.78 | 16.73 | | |
| 20 | 16QAM | 50 | 50 | 16.60 | 16.66 | 16.74 | 16.61 | 16.60 | | |
| 20 | 16QAM | 100 | 0 | 16.91 | 16.93 | 17.04 | 16.90 | 16.90 | | |
| 20 | 64QAM | 1 | 0 | 16.84 | 16.84 | 16.97 | 16.83 | 16.91 | 18.1 | 0 |
| 20 | 64QAM | 1 | 49 | 16.84 | 16.87 | 16.92 | 16.78 | 16.77 | | |
| 20 | 64QAM | 1 | 99 | 16.74 | 16.73 | 16.86 | 16.78 | 16.78 | | |
| 20 | 64QAM | 50 | 0 | 16.84 | 16.82 | 16.96 | 16.87 | 16.92 | 18.1 | 0 |
| 20 | 64QAM | 50 | 24 | 16.80 | 16.87 | 16.92 | 16.83 | 16.78 | | |
| 20 | 64QAM | 50 | 50 | 16.63 | 16.60 | 16.74 | 16.64 | 16.62 | | |
| 20 | 64QAM | 100 | 0 | 16.99 | 16.91 | 17.05 | 16.95 | 16.94 | | |
| 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 | 16.95 | 16.94 | 17.02 | 16.99 | 17.02 | 18.10 | 0 |
| 15 | QPSK | 1 | 37 | 16.81 | 16.91 | 16.89 | 16.86 | 16.86 | | |
| 15 | QPSK | 1 | 74 | 16.82 | 16.79 | 16.86 | 16.78 | 16.72 | | |
| 15 | QPSK | 36 | 0 | 16.88 | 16.83 | 17.00 | 16.86 | 16.89 | 18.1 | 0 |
| 15 | QPSK | 36 | 20 | 16.84 | 16.74 | 16.90 | 16.86 | 16.80 | | |
| 15 | QPSK | 36 | 39 | 16.69 | 16.65 | 16.78 | 16.73 | 16.66 | | |
| 15 | QPSK | 75 | 0 | 16.90 | 16.92 | 17.03 | 16.89 | 16.89 | | |
| 15 | 16QAM | 1 | 0 | 16.85 | 16.82 | 17.01 | 16.86 | 16.82 | 18.1 | 0 |
| 15 | 16QAM | 1 | 37 | 16.75 | 16.84 | 16.91 | 16.84 | 16.71 | | |
| 15 | 16QAM | 1 | 74 | 16.71 | 16.76 | 16.82 | 16.79 | 16.70 | | |
| 15 | 16QAM | 36 | 0 | 16.71 | 16.72 | 16.89 | 16.77 | 16.72 | 18.1 | 0 |
| 15 | 16QAM | 36 | 20 | 16.63 | 16.67 | 16.82 | 16.67 | 16.61 | | |
| 15 | 16QAM | 36 | 39 | 16.48 | 16.59 | 16.67 | 16.55 | 16.49 | | |
| 15 | 16QAM | 75 | 0 | 16.83 | 16.88 | 16.95 | 16.85 | 16.80 | | |
| 15 | 64QAM | 1 | 0 | 16.70 | 16.76 | 16.90 | 16.71 | 16.78 | 18.1 | 0 |
| 15 | 64QAM | 1 | 37 | 16.70 | 16.73 | 16.81 | 16.73 | 16.70 | | |
| 15 | 64QAM | 1 | 74 | 16.65 | 16.62 | 16.74 | 16.70 | 16.73 | | |
| 15 | 64QAM | 36 | 0 | 16.69 | 16.68 | 16.84 | 16.77 | 16.83 | 18.1 | 0 |
| 15 | 64QAM | 36 | 20 | 16.74 | 16.80 | 16.77 | 16.71 | 16.63 | | |
| 15 | 64QAM | 36 | 39 | 16.52 | 16.56 | 16.71 | 16.55 | 16.49 | | |
| 15 | 64QAM | 75 | 0 | 16.90 | 16.77 | 17.00 | 16.87 | 16.91 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 16.97 | 16.94 | 17.02 | 16.96 | 17.02 | 18.10 | 0 |
| 10 | QPSK | 1 | 25 | 16.88 | 16.81 | 16.90 | 16.88 | 16.86 | | |
| 10 | QPSK | 1 | 49 | 16.78 | 16.88 | 16.91 | 16.78 | 16.75 | | |
| 10 | QPSK | 25 | 0 | 16.88 | 16.83 | 16.98 | 16.91 | 16.87 | 18.1 | 0 |
| 10 | QPSK | 25 | 12 | 16.79 | 16.79 | 16.91 | 16.89 | 16.82 | | |
| 10 | QPSK | 25 | 25 | 16.63 | 16.60 | 16.77 | 16.72 | 16.65 | | |
| 10 | QPSK | 50 | 0 | 16.92 | 16.85 | 17.04 | 16.86 | 16.87 | | |
| 10 | 16QAM | 1 | 0 | 16.88 | 16.87 | 16.91 | 16.93 | 16.87 | 18.1 | 0 |
| 10 | 16QAM | 1 | 25 | 16.78 | 16.78 | 16.82 | 16.77 | 16.72 | | |
| 10 | 16QAM | 1 | 49 | 16.72 | 16.70 | 16.75 | 16.70 | 16.70 | | |
| 10 | 16QAM | 25 | 0 | 16.72 | 16.71 | 16.86 | 16.75 | 16.75 | 18.1 | 0 |
| 10 | 16QAM | 25 | 12 | 16.64 | 16.70 | 16.74 | 16.68 | 16.64 | | |
| 10 | 16QAM | 25 | 25 | 16.52 | 16.61 | 16.71 | 16.54 | 16.45 | | |
| 10 | 16QAM | 50 | 0 | 16.79 | 16.87 | 16.90 | 16.76 | 16.76 | | |
| 10 | 64QAM | 1 | 0 | 16.69 | 16.80 | 16.85 | 16.79 | 16.77 | 18.1 | 0 |
| 10 | 64QAM | 1 | 25 | 16.77 | 16.80 | 16.78 | 16.70 | 16.67 | | |
| 10 | 64QAM | 1 | 49 | 16.71 | 16.69 | 16.77 | 16.74 | 16.69 | | |
| 10 | 64QAM | 25 | 0 | 16.73 | 16.68 | 16.92 | 16.73 | 16.87 | 18.1 | 0 |
| 10 | 64QAM | 25 | 12 | 16.69 | 16.83 | 16.83 | 16.71 | 16.64 | | |
| 10 | 64QAM | 25 | 25 | 16.49 | 16.51 | 16.68 | 16.49 | 16.51 | | |
| 10 | 64QAM | 50 | 0 | 16.91 | 16.77 | 17.01 | 16.83 | 16.86 | | |
| 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 | 16.96 | 16.90 | 17.07 | 17.00 | 17.03 | 18.10 | 0 |
| 5 | QPSK | 1 | 12 | 16.91 | 16.82 | 16.91 | 16.85 | 16.94 | | |
| 5 | QPSK | 1 | 24 | 16.83 | 16.88 | 16.88 | 16.79 | 16.68 | | |
| 5 | QPSK | 12 | 0 | 16.94 | 16.77 | 16.96 | 16.84 | 16.85 | 18.1 | 0 |
| 5 | QPSK | 12 | 7 | 16.84 | 16.78 | 16.92 | 16.88 | 16.76 | | |
| 5 | QPSK | 12 | 13 | 16.70 | 16.67 | 16.74 | 16.75 | 16.67 | | |
| 5 | QPSK | 25 | 0 | 16.98 | 16.87 | 16.96 | 16.84 | 16.87 | | |
| 5 | 16QAM | 1 | 0 | 16.85 | 16.91 | 16.95 | 16.86 | 16.87 | 18.1 | 0 |
| 5 | 16QAM | 1 | 12 | 16.77 | 16.76 | 16.92 | 16.81 | 16.73 | | |
| 5 | 16QAM | 1 | 24 | 16.67 | 16.74 | 16.73 | 16.79 | 16.69 | | |
| 5 | 16QAM | 12 | 0 | 16.67 | 16.73 | 16.91 | 16.78 | 16.71 | 18.1 | 0 |
| 5 | 16QAM | 12 | 7 | 16.74 | 16.67 | 16.82 | 16.74 | 16.60 | | |
| 5 | 16QAM | 12 | 13 | 16.47 | 16.59 | 16.66 | 16.52 | 16.50 | | |
| 5 | 16QAM | 25 | 0 | 16.78 | 16.84 | 16.96 | 16.75 | 16.86 | | |
| 5 | 64QAM | 1 | 0 | 16.78 | 16.78 | 16.90 | 16.69 | 16.87 | 18.1 | 0 |
| 5 | 64QAM | 1 | 12 | 16.73 | 16.77 | 16.83 | 16.69 | 16.73 | | |
| 5 | 64QAM | 1 | 24 | 16.61 | 16.67 | 16.76 | 16.73 | 16.72 | | |
| 5 | 64QAM | 12 | 0 | 16.76 | 16.68 | 16.83 | 16.77 | 16.78 | 18.1 | 0 |
| 5 | 64QAM | 12 | 7 | 16.65 | 16.74 | 16.82 | 16.78 | 16.66 | | |
| 5 | 64QAM | 12 | 13 | 16.49 | 16.45 | 16.61 | 16.60 | 16.56 | | |
| 5 | 64QAM | 25 | 0 | 16.91 | 16.78 | 16.91 | 16.85 | 16.84 | | |

# Reduced Power Level for DSI 3

**For Ant0**

GSM850 Ant 0 DSI3

| 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 | 33.21 | 33.38 | 33.45 | 34.50 | 24.21 | 24.38 | 24.45 | 25.50 |
| GPRS 1 Tx slot | 33.16 | 33.25 | 33.40 | 34.50 | 24.16 | 24.25 | 24.40 | 25.50 |
| GPRS 2 Tx slots | 29.55 | 29.66 | 29.71 | 31.50 | 23.55 | 23.66 | 23.71 | 25.50 |
| GPRS 3 Tx slots | 27.79 | 27.84 | 27.92 | 29.70 | 23.53 | 23.58 | 23.66 | 25.44 |
| GPRS 4 Tx slots | 26.55 | 26.66 | 26.60 | 28.50 | 23.55 | 23.66 | 23.60 | 25.50 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI3

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.51 | 24.58 | 24.44 | 25.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.64 | 24.57 | 25.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.17 | 21.33 | 21.24 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.23 | 21.33 | 21.30 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.78 | 22.81 | 22.79 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.66 | 22.87 | 22.75 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.15 | 21.46 | 21.26 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.21 | 21.37 | 21.35 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.70 | 22.87 | 22.82 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.73 | 22.85 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.25 | 21.33 | 21.20 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.16 | 19.37 | 19.26 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.20 | 20.40 | 20.33 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.20 | 19.31 | 19.28 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.23 | 21.33 | 21.36 | 22.50 |

## Band 5 Ant 0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.57 | 24.53 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.45 | 24.52 | 24.46 | | |
| 10 | QPSK | 1 | 49 | 24.48 | 24.55 | 24.43 | | |
| 10 | QPSK | 25 | 0 | 23.58 | 23.66 | 23.61 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.52 | 23.63 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.47 | 23.59 | 23.47 | | |
| 10 | QPSK | 50 | 0 | 23.57 | 23.66 | 23.63 | | |
| 10 | 16QAM | 1 | 0 | 23.53 | 23.59 | 23.44 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.52 | 23.37 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.51 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.62 | 22.69 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.54 | 22.61 | 22.53 | | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.59 | 22.44 | | |
| 10 | 16QAM | 50 | 0 | 22.49 | 22.62 | 22.53 | | |
| 10 | 64QAM | 1 | 0 | 22.52 | 22.64 | 22.58 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.58 | 22.52 | | |
| 10 | 64QAM | 1 | 49 | 22.41 | 22.50 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.70 | 21.62 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.51 | 21.60 | 21.52 | | |
| 10 | 64QAM | 25 | 25 | 21.50 | 21.55 | 21.47 | | |
| 10 | 64QAM | 50 | 0 | 21.47 | 21.61 | 21.47 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.46 | 24.46 | 24.44 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.32 | 24.44 | 24.32 | | |
| 5 | QPSK | 1 | 24 | 24.39 | 24.49 | 24.34 | | |
| 5 | QPSK | 12 | 0 | 23.53 | 23.56 | 23.49 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.56 | 23.48 | | |
| 5 | QPSK | 12 | 13 | 23.39 | 23.56 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.49 | 23.57 | 23.59 | | |
| 5 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.40 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.38 | 23.42 | 23.26 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.43 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.51 | 22.63 | 22.51 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.44 | 22.52 | 22.42 | | |
| 5 | 16QAM | 12 | 13 | 22.45 | 22.48 | 22.36 | | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.58 | 22.48 | | |
| 5 | 64QAM | 1 | 0 | 22.40 | 22.55 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.37 | 22.51 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.26 | 22.38 | 22.38 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.59 | 21.47 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.56 | 21.48 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.43 | 21.44 | | |
| 5 | 64QAM | 25 | 0 | 21.35 | 21.50 | 21.37 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.47 | 24.48 | 24.50 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.35 | 24.43 | 24.37 | | |
| 3 | QPSK | 1 | 14 | 24.36 | 24.40 | 24.35 | | |
| 3 | QPSK | 8 | 0 | 23.48 | 23.59 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.47 | 23.49 | 23.46 | | |
| 3 | QPSK | 8 | 7 | 23.35 | 23.47 | 23.37 | | |
| 3 | QPSK | 15 | 0 | 23.45 | 23.51 | 23.52 | | |
| 3 | 16QAM | 1 | 0 | 23.39 | 23.53 | 23.38 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.38 | 23.40 | 23.31 | | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.37 | 23.35 | | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.66 | 22.51 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.40 | 22.58 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.44 | 22.53 | 22.39 | | |
| 3 | 16QAM | 15 | 0 | 22.34 | 22.51 | 22.42 | | |
| 3 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.54 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.38 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 14 | 22.36 | 22.36 | 22.30 | | |
| 3 | 64QAM | 8 | 0 | 21.49 | 21.56 | 21.50 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.37 | 21.51 | 21.46 | | |
| 3 | 64QAM | 8 | 7 | 21.44 | 21.51 | 21.33 | | |
| 3 | 64QAM | 15 | 0 | 21.40 | 21.51 | 21.40 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.52 | 24.47 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.31 | 24.49 | 24.35 | | |
| 1.4 | QPSK | 1 | 5 | 24.34 | 24.43 | 24.34 | | |
| 1.4 | QPSK | 3 | 0 | 24.47 | 24.48 | 24.53 | | |
| 1.4 | QPSK | 3 | 1 | 24.43 | 24.49 | 24.39 | | |
| 1.4 | QPSK | 3 | 3 | 24.29 | 24.51 | 24.35 | | |
| 1.4 | QPSK | 6 | 0 | 23.49 | 23.57 | 23.51 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.37 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.36 | 23.46 | 23.25 | | |
| 1.4 | 16QAM | 1 | 5 | 23.27 | 23.39 | 23.26 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.59 | 23.45 | | |
| 1.4 | 16QAM | 3 | 1 | 23.47 | 23.51 | 23.44 | | |
| 1.4 | 16QAM | 3 | 3 | 23.35 | 23.47 | 23.33 | | |
| 1.4 | 16QAM | 6 | 0 | 22.42 | 22.51 | 22.40 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.38 | 22.60 | 22.48 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.43 | 22.48 | 22.42 | | |
| 1.4 | 64QAM | 1 | 5 | 22.33 | 22.36 | 22.28 | | |
| 1.4 | 64QAM | 3 | 0 | 22.48 | 22.51 | 22.46 | | |
| 1.4 | 64QAM | 3 | 1 | 22.36 | 22.46 | 22.34 | | |
| 1.4 | 64QAM | 3 | 3 | 22.34 | 22.47 | 22.35 | | |
| 1.4 | 64QAM | 6 | 0 | 21.40 | 21.57 | 21.33 | 22.5 | 3 |

## Band 12 Ant 0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.76 | 24.68 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.51 | 24.65 | 24.54 | | |
| 10 | QPSK | 1 | 49 | 24.47 | 24.51 | 24.40 | | |
| 10 | QPSK | 25 | 0 | 23.65 | 23.69 | 23.63 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.59 | 23.64 | 23.55 | | |
| 10 | QPSK | 25 | 25 | 23.62 | 23.66 | 23.58 | | |
| 10 | QPSK | 50 | 0 | 23.53 | 23.57 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.72 | 23.82 | 23.76 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.66 | 23.72 | 23.65 | | |
| 10 | 16QAM | 1 | 49 | 23.49 | 23.54 | 23.46 | | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.73 | 22.60 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.59 | 22.65 | 22.61 | | |
| 10 | 16QAM | 25 | 25 | 22.66 | 22.69 | 22.64 | | |
| 10 | 16QAM | 50 | 0 | 22.51 | 22.58 | 22.46 | | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.78 | 22.69 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.60 | 22.72 | 22.57 | | |
| 10 | 64QAM | 1 | 49 | 22.42 | 22.54 | 22.45 | | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.77 | 21.64 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.60 | | |
| 10 | 64QAM | 25 | 25 | 21.69 | 21.73 | 21.64 | | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.63 | 21.55 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.44 | 24.65 | 24.60 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.42 | 24.51 | 24.46 | | |
| 5 | QPSK | 1 | 24 | 24.44 | 24.41 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.51 | 23.57 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.53 | 23.58 | 23.41 | | |
| 5 | QPSK | 12 | 13 | 23.51 | 23.59 | 23.49 | | |
| 5 | QPSK | 25 | 0 | 23.48 | 23.47 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.62 | 23.77 | 23.63 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.54 | 23.59 | 23.59 | | |
| 5 | 16QAM | 1 | 24 | 23.35 | 23.47 | 23.40 | | |
| 5 | 16QAM | 12 | 0 | 22.56 | 22.63 | 22.52 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.49 | 22.54 | 22.55 | | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.56 | 22.55 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.31 | | |
| 5 | 64QAM | 1 | 0 | 22.63 | 22.70 | 22.63 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.63 | 22.43 | | |
| 5 | 64QAM | 1 | 24 | 22.39 | 22.43 | 22.39 | | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.67 | 21.50 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.62 | 21.55 | | |
| 5 | 64QAM | 25 | 0 | 21.44 | 21.53 | 21.42 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.44 | 24.66 | 24.57 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.44 | 24.61 | 24.48 | | |
| 3 | QPSK | 1 | 14 | 24.38 | 24.36 | 24.25 | | |
| 3 | QPSK | 8 | 0 | 23.56 | 23.57 | 23.51 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.49 | 23.51 | 23.51 | | |
| 3 | QPSK | 8 | 7 | 23.58 | 23.62 | 23.46 | | |
| 3 | QPSK | 15 | 0 | 23.50 | 23.45 | 23.34 | | |
| 3 | 16QAM | 1 | 0 | 23.64 | 23.72 | 23.66 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.57 | 23.67 | 23.57 | | |
| 3 | 16QAM | 1 | 14 | 23.44 | 23.46 | 23.32 | | |
| 3 | 16QAM | 8 | 0 | 22.57 | 22.70 | 22.55 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.55 | 22.54 | 22.48 | | |
| 3 | 16QAM | 8 | 7 | 22.56 | 22.54 | 22.54 | | |
| 3 | 16QAM | 15 | 0 | 22.45 | 22.53 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.65 | 22.64 | 22.55 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.48 | 22.61 | 22.53 | | |
| 3 | 64QAM | 1 | 14 | 22.32 | 22.48 | 22.37 | | |
| 3 | 64QAM | 8 | 0 | 21.62 | 21.67 | 21.60 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.63 | 21.53 | | |
| 3 | 64QAM | 15 | 0 | 21.43 | 21.50 | 21.52 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.46 | 24.64 | 24.54 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.41 | 24.51 | 24.46 | | |
| 1.4 | QPSK | 1 | 5 | 24.38 | 24.36 | 24.31 | | |
| 1.4 | QPSK | 3 | 0 | 24.48 | 24.46 | 24.37 | | |
| 1.4 | QPSK | 3 | 1 | 24.44 | 24.52 | 24.48 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.40 | 24.32 | | |
| 1.4 | QPSK | 6 | 0 | 23.39 | 23.44 | 23.36 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.68 | 23.68 | 23.68 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.59 | 23.64 | 23.59 | | |
| 1.4 | 16QAM | 1 | 5 | 23.36 | 23.48 | 23.40 | | |
| 1.4 | 16QAM | 3 | 0 | 23.48 | 23.48 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.59 | 23.54 | 23.52 | | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.45 | 23.31 | | |
| 1.4 | 16QAM | 6 | 0 | 22.44 | 22.49 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.65 | 22.70 | 22.58 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.53 | 22.67 | 22.50 | | |
| 1.4 | 64QAM | 1 | 5 | 22.36 | 22.47 | 22.39 | | |
| 1.4 | 64QAM | 3 | 0 | 22.41 | 22.50 | 22.47 | | |
| 1.4 | 64QAM | 3 | 1 | 22.54 | 22.54 | 22.47 | | |
| 1.4 | 64QAM | 3 | 3 | 22.35 | 22.51 | 22.40 | | |
| 1.4 | 64QAM | 6 | 0 | 21.39 | 21.55 | 21.44 | 22.5 | 3 |

## Band 13 Ant 0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.36 | | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | | 23.32 | | | |
| 10 | QPSK | 1 | 49 | | 23.23 | | | |
| 10 | QPSK | 25 | 0 | | 22.36 | | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | | 22.34 | | | |
| 10 | QPSK | 25 | 25 | | 22.29 | | | |
| 10 | QPSK | 50 | 0 | | 22.37 | | | |
| 10 | 16QAM | 1 | 0 | | 22.41 | | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.36 | | | |
| 10 | 16QAM | 1 | 49 | | 22.28 | | | |
| 10 | 16QAM | 25 | 0 | | 21.37 | | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.38 | | | |
| 10 | 16QAM | 25 | 25 | | 21.36 | | | |
| 10 | 16QAM | 50 | 0 | | 21.40 | | | |
| 10 | 64QAM | 1 | 0 | | 21.40 | | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | | |
| 10 | 64QAM | 1 | 49 | | 21.30 | | | |
| 10 | 64QAM | 25 | 0 | | 20.41 | | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.36 | | | |
| 10 | 64QAM | 25 | 25 | | 20.41 | | | |
| 10 | 64QAM | 50 | 0 | | 20.42 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 23.23 | 23.29 | 23.25 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.15 | 23.18 | 23.21 | | |
| 5 | QPSK | 1 | 24 | 23.05 | 23.18 | 23.03 | | |
| 5 | QPSK | 12 | 0 | 22.21 | 22.23 | 22.16 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.19 | 22.20 | 22.25 | | |
| 5 | QPSK | 12 | 13 | 22.12 | 22.19 | 22.09 | | |
| 5 | QPSK | 25 | 0 | 22.15 | 22.23 | 22.11 | | |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.36 | 22.14 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.17 | 22.23 | 22.17 | | |
| 5 | 16QAM | 1 | 24 | 22.05 | 22.19 | 22.15 | | |
| 5 | 16QAM | 12 | 0 | 21.28 | 21.32 | 21.16 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.19 | 21.26 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.16 | 21.30 | 21.26 | | |
| 5 | 16QAM | 25 | 0 | 21.16 | 21.32 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 21.24 | 21.30 | 21.27 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.24 | 21.27 | 21.17 | | |
| 5 | 64QAM | 1 | 24 | 21.23 | 21.24 | 21.11 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.31 | 20.20 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.20 | 20.29 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.38 | 20.27 | | |
| 5 | 64QAM | 25 | 0 | 20.21 | 20.28 | 20.23 | | |

## Band 17 Ant 0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.61 | 24.73 | 24.66 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.43 | 24.58 | 24.49 | | |
| 10 | QPSK | 1 | 49 | 24.39 | 24.50 | 24.47 | | |
| 10 | QPSK | 25 | 0 | 23.61 | 23.66 | 23.59 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.58 | 23.64 | 23.51 | | |
| 10 | QPSK | 25 | 25 | 23.50 | 23.61 | 23.50 | | |
| 10 | QPSK | 50 | 0 | 23.48 | 23.60 | 23.45 | | |
| 10 | 16QAM | 1 | 0 | 23.66 | 23.74 | 23.69 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.42 | 23.53 | 23.41 | | |
| 10 | 16QAM | 1 | 49 | 23.40 | 23.46 | 23.39 | | |
| 10 | 16QAM | 25 | 0 | 22.63 | 22.70 | 22.61 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.53 | 22.62 | 22.51 | | |
| 10 | 16QAM | 25 | 25 | 22.48 | 22.59 | 22.53 | | |
| 10 | 16QAM | 50 | 0 | 22.54 | 22.59 | 22.48 | | |
| 10 | 64QAM | 1 | 0 | 22.61 | 22.75 | 22.65 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.51 | 22.59 | 22.55 | | |
| 10 | 64QAM | 1 | 49 | 22.38 | 22.44 | 22.41 | | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.69 | 21.61 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.57 | | |
| 10 | 64QAM | 25 | 25 | 21.54 | 21.65 | 21.57 | | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.63 | 21.51 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.69 | 24.52 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.33 | 24.50 | 24.41 | | |
| 5 | QPSK | 1 | 24 | 24.25 | 24.44 | 24.44 | | |
| 5 | QPSK | 12 | 0 | 23.46 | 23.60 | 23.56 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.49 | 23.53 | 23.38 | | |
| 5 | QPSK | 12 | 13 | 23.36 | 23.52 | 23.42 | | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.51 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.59 | 23.67 | 23.61 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.49 | 23.36 | | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.34 | 23.26 | | |
| 5 | 16QAM | 12 | 0 | 22.49 | 22.58 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.41 | 22.56 | 22.36 | | |
| 5 | 16QAM | 12 | 13 | 22.41 | 22.53 | 22.41 | | |
| 5 | 16QAM | 25 | 0 | 22.42 | 22.56 | 22.34 | | |
| 5 | 64QAM | 1 | 0 | 22.52 | 22.65 | 22.56 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.46 | 22.46 | 22.51 | | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.41 | 22.28 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.60 | 21.54 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.50 | 21.50 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.59 | 21.51 | | |
| 5 | 64QAM | 25 | 0 | 21.45 | 21.55 | 21.38 | | |

## Band 26 Ant 0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.48 | 24.61 | 24.42 | 25.5 | 0 |
| 15 | QPSK | 1 | 37 | 24.39 | 24.49 | 24.38 | | |
| 15 | QPSK | 1 | 74 | 24.29 | 24.39 | 24.35 | | |
| 15 | QPSK | 36 | 0 | 23.55 | 23.67 | 23.61 | 24.5 | 1 |
| 15 | QPSK | 36 | 20 | 23.51 | 23.62 | 23.54 | | |
| 15 | QPSK | 36 | 39 | 23.50 | 23.55 | 23.43 | | |
| 15 | QPSK | 75 | 0 | 23.51 | 23.60 | 23.55 | | |
| 15 | 16QAM | 1 | 0 | 23.54 | 23.67 | 23.55 | 24.5 | 1 |
| 15 | 16QAM | 1 | 37 | 23.40 | 23.50 | 23.36 | | |
| 15 | 16QAM | 1 | 74 | 23.37 | 23.41 | 23.38 | | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.68 | 22.60 | 23.5 | 2 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.66 | 22.52 | | |
| 15 | 16QAM | 36 | 39 | 22.41 | 22.52 | 22.44 | | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.58 | 22.49 | | |
| 15 | 64QAM | 1 | 0 | 22.60 | 22.61 | 22.61 | 23.5 | 2 |
| 15 | 64QAM | 1 | 37 | 22.35 | 22.46 | 22.32 | | |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.39 | 22.30 | | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.69 | 21.56 | 22.5 | 3 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.70 | 21.61 | | |
| 15 | 64QAM | 36 | 39 | 21.48 | 21.57 | 21.51 | | |
| 15 | 64QAM | 75 | 0 | 21.56 | 21.63 | 21.55 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.37 | 24.50 | 24.29 | 25.5 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.35 | 24.34 | | |
| 10 | QPSK | 1 | 49 | 24.19 | 24.34 | 24.21 | | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.63 | 23.56 | 24.5 | 1 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.59 | 23.44 | | |
| 10 | QPSK | 25 | 25 | 23.39 | 23.51 | 23.37 | | |
| 10 | QPSK | 50 | 0 | 23.43 | 23.51 | 23.40 | | |
| 10 | 16QAM | 1 | 0 | 23.43 | 23.59 | 23.46 | 24.5 | 1 |
| 10 | 16QAM | 1 | 25 | 23.35 | 23.45 | 23.27 | | |
| 10 | 16QAM | 1 | 49 | 23.28 | 23.36 | 23.33 | | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.58 | 22.55 | 23.5 | 2 |
| 10 | 16QAM | 25 | 12 | 22.49 | 22.61 | 22.41 | | |
| 10 | 16QAM | 25 | 25 | 22.30 | 22.42 | 22.33 | | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.50 | 22.40 | | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.50 | 22.47 | 23.5 | 2 |
| 10 | 64QAM | 1 | 25 | 22.27 | 22.32 | 22.26 | | |
| 10 | 64QAM | 1 | 49 | 22.28 | 22.32 | 22.25 | | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.49 | 22.5 | 3 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.60 | 21.50 | | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.43 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.45 | 21.53 | 21.41 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.49 | 24.30 | 25.5 | 0 |
| 5 | QPSK | 1 | 12 | 24.36 | 24.35 | 24.35 | | |
| 5 | QPSK | 1 | 24 | 24.24 | 24.31 | 24.21 | | |
| 5 | QPSK | 12 | 0 | 23.43 | 23.63 | 23.54 | 24.5 | 1 |
| 5 | QPSK | 12 | 7 | 23.44 | 23.48 | 23.47 | | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.48 | 23.32 | | |
| 5 | QPSK | 25 | 0 | 23.46 | 23.55 | 23.52 | | |
| 5 | 16QAM | 1 | 0 | 23.43 | 23.56 | 23.47 | 24.5 | 1 |
| 5 | 16QAM | 1 | 12 | 23.31 | 23.41 | 23.31 | | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.33 | 23.34 | | |
| 5 | 16QAM | 12 | 0 | 22.54 | 22.65 | 22.57 | 23.5 | 2 |
| 5 | 16QAM | 12 | 7 | 22.45 | 22.57 | 22.47 | | |
| 5 | 16QAM | 12 | 13 | 22.28 | 22.48 | 22.29 | | |
| 5 | 16QAM | 25 | 0 | 22.40 | 22.49 | 22.42 | | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.49 | 22.50 | 23.5 | 2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.33 | 22.18 | | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.30 | 22.18 | | |
| 5 | 64QAM | 12 | 0 | 21.50 | 21.61 | 21.45 | 22.5 | 3 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.62 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.34 | 21.53 | 21.47 | | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.49 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.35 | 24.47 | 24.37 | 25.5 | 0 |
| 3 | QPSK | 1 | 8 | 24.33 | 24.37 | 24.25 | | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.27 | 24.29 | | |
| 3 | QPSK | 8 | 0 | 23.44 | 23.62 | 23.47 | 24.5 | 1 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.51 | 23.48 | | |
| 3 | QPSK | 8 | 7 | 23.37 | 23.42 | 23.38 | | |
| 3 | QPSK | 15 | 0 | 23.41 | 23.50 | 23.47 | | |
| 3 | 16QAM | 1 | 0 | 23.42 | 23.53 | 23.48 | 24.5 | 1 |
| 3 | 16QAM | 1 | 8 | 23.25 | 23.37 | 23.26 | | |
| 3 | 16QAM | 1 | 14 | 23.30 | 23.32 | 23.33 | | |
| 3 | 16QAM | 8 | 0 | 22.58 | 22.60 | 22.52 | 23.5 | 2 |
| 3 | 16QAM | 8 | 4 | 22.48 | 22.57 | 22.44 | | |
| 3 | 16QAM | 8 | 7 | 22.35 | 22.38 | 22.38 | | |
| 3 | 16QAM | 15 | 0 | 22.42 | 22.51 | 22.38 | | |
| 3 | 64QAM | 1 | 0 | 22.54 | 22.49 | 22.56 | 23.5 | 2 |
| 3 | 64QAM | 1 | 8 | 22.26 | 22.39 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.35 | 22.23 | | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.57 | 21.51 | 22.5 | 3 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.44 | 21.45 | | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.59 | 21.49 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.42 | 24.47 | 24.27 | 25.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.24 | 24.41 | 24.25 | | |
| 1.4 | QPSK | 1 | 5 | 24.26 | 24.35 | 24.26 | | |
| 1.4 | QPSK | 3 | 0 | 24.39 | 24.49 | 24.46 | | |
| 1.4 | QPSK | 3 | 1 | 24.36 | 24.47 | 24.37 | | |
| 1.4 | QPSK | 3 | 3 | 24.35 | 24.38 | 24.26 | | |
| 1.4 | QPSK | 6 | 0 | 23.40 | 23.56 | 23.46 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.50 | 23.54 | 23.47 | 24.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.35 | 23.36 | 23.24 | | |
| 1.4 | 16QAM | 1 | 5 | 23.34 | 23.30 | 23.28 | | |
| 1.4 | 16QAM | 3 | 0 | 23.49 | 23.53 | 23.47 | | |
| 1.4 | 16QAM | 3 | 1 | 23.46 | 23.56 | 23.34 | | |
| 1.4 | 16QAM | 3 | 3 | 23.26 | 23.38 | 23.27 | | |
| 1.4 | 16QAM | 6 | 0 | 22.40 | 22.46 | 22.35 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.49 | 22.48 | 22.57 | 23.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.24 | 22.36 | 22.27 | | |
| 1.4 | 64QAM | 1 | 5 | 22.24 | 22.31 | 22.19 | | |
| 1.4 | 64QAM | 3 | 0 | 22.50 | 22.50 | 22.37 | | |
| 1.4 | 64QAM | 3 | 1 | 22.50 | 22.55 | 22.46 | | |
| 1.4 | 64QAM | 3 | 3 | 22.29 | 22.46 | 22.39 | | |
| 1.4 | 64QAM | 6 | 0 | 21.48 | 21.54 | 21.50 | 22.5 | 3 |

**For Ant1**

| GSM1900 | GSM1900 Ant 1 DSI3 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 | 29.85 | 29.74 | 29.80 | 31.00 | 20.85 | 20.74 | 20.80 | 22.00 |
| GPRS 1 Tx slot | 29.78 | 29.66 | 29.73 | 31.00 | 20.78 | 20.66 | 20.73 | 22.00 |
| GPRS 2 Tx slots | 26.18 | 26.12 | 26.14 | 28.00 | 20.18 | 20.12 | 20.14 | 22.00 |
| GPRS 3 Tx slots | 24.37 | 24.30 | 24.26 | 26.20 | 20.11 | 20.04 | 20.00 | 21.94 |
| GPRS 4 Tx slots | 23.19 | 23.21 | 23.17 | 25.00 | 20.19 | 20.21 | 20.17 | 22.00 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

| | | WCDMA II Ant 1 DSI3 | | | | WCDMA IV Ant 1 DSI3 | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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 | 23.21 | 23.29 | 23.25 | 24.10 | 23.15 | 23.17 | 23.08 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.32 | 23.40 | 23.33 | 24.10 | 23.26 | 23.31 | 23.25 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.50 | 22.68 | 22.72 | 23.30 | 22.58 | 22.50 | 22.39 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.49 | 22.60 | 22.56 | 23.30 | 22.36 | 22.52 | 22.34 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.91 | 22.02 | 21.90 | 22.60 | 22.09 | 22.08 | 21.91 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.94 | 21.99 | 21.97 | 22.60 | 21.93 | 22.15 | 21.80 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.46 | 22.74 | 22.67 | 23.30 | 22.35 | 22.52 | 22.38 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.59 | 22.77 | 22.71 | 23.30 | 22.47 | 22.38 | 22.52 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.95 | 22.12 | 22.03 | 22.60 | 21.74 | 21.93 | 21.88 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.12 | 22.10 | 21.95 | 22.60 | 21.81 | 22.00 | 21.56 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.71 | 22.73 | 22.53 | 23.30 | 22.60 | 22.54 | 22.49 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.47 | 19.53 | 19.36 | 20.10 | 20.40 | 20.52 | 20.39 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.49 | 20.49 | 20.39 | 21.10 | 21.41 | 21.56 | 21.34 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.46 | 19.52 | 19.31 | 20.10 | 20.55 | 20.67 | 20.54 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.63 | 22.91 | 22.77 | 23.30 | 22.21 | 22.52 | 22.42 | 23.00 |

## Band 2 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.82 | 22.86 | 22.79 | 24.1 | 0 |
| 20 | QPSK | 1 | 49 | 22.68 | 22.83 | 22.71 | | |
| 20 | QPSK | 1 | 99 | 22.60 | 22.69 | 22.64 | | |
| 20 | QPSK | 50 | 0 | 22.78 | 22.81 | 22.71 | 24.1 | 0 |
| 20 | QPSK | 50 | 24 | 22.62 | 22.75 | 22.69 | | |
| 20 | QPSK | 50 | 50 | 22.62 | 22.72 | 22.66 | | |
| 20 | QPSK | 100 | 0 | 22.60 | 22.71 | 22.67 | | |
| 20 | 16QAM | 1 | 0 | 22.59 | 22.74 | 22.60 | 24.1 | 0 |
| 20 | 16QAM | 1 | 49 | 22.62 | 22.76 | 22.64 | | |
| 20 | 16QAM | 1 | 99 | 22.75 | 22.80 | 22.65 | | |
| 20 | 16QAM | 50 | 0 | 21.65 | 21.76 | 21.72 | 23.1 | 1 |
| 20 | 16QAM | 50 | 24 | 21.70 | 21.75 | 21.61 | | |
| 20 | 16QAM | 50 | 50 | 21.77 | 21.84 | 21.73 | | |
| 20 | 16QAM | 100 | 0 | 21.62 | 21.74 | 21.68 | | |
| 20 | 64QAM | 1 | 0 | 21.78 | 21.82 | 21.70 | 23.1 | 1 |
| 20 | 64QAM | 1 | 49 | 21.63 | 21.78 | 21.71 | | |
| 20 | 64QAM | 1 | 99 | 21.78 | 21.84 | 21.80 | | |
| 20 | 64QAM | 50 | 0 | 20.70 | 20.77 | 20.73 | 22.1 | 2 |
| 20 | 64QAM | 50 | 24 | 20.64 | 20.74 | 20.66 | | |
| 20 | 64QAM | 50 | 50 | 20.64 | 20.76 | 20.67 | | |
| 20 | 64QAM | 100 | 0 | 20.68 | 20.73 | 20.64 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.70 | 22.81 | 22.72 | 24.1 | 0 |
| 15 | QPSK | 1 | 37 | 22.58 | 22.77 | 22.57 | | |
| 15 | QPSK | 1 | 74 | 22.45 | 22.66 | 22.49 | | |
| 15 | QPSK | 36 | 0 | 22.68 | 22.76 | 22.63 | 24.1 | 0 |
| 15 | QPSK | 36 | 20 | 22.58 | 22.70 | 22.59 | | |
| 15 | QPSK | 36 | 39 | 22.57 | 22.62 | 22.52 | | |
| 15 | QPSK | 75 | 0 | 22.48 | 22.62 | 22.62 | | |
| 15 | 16QAM | 1 | 0 | 22.45 | 22.67 | 22.53 | 24.1 | 0 |
| 15 | 16QAM | 1 | 37 | 22.58 | 22.63 | 22.56 | | |
| 15 | 16QAM | 1 | 74 | 22.65 | 22.67 | 22.51 | | |
| 15 | 16QAM | 36 | 0 | 21.54 | 21.68 | 21.63 | 23.1 | 1 |
| 15 | 16QAM | 36 | 20 | 21.66 | 21.63 | 21.49 | | |
| 15 | 16QAM | 36 | 39 | 21.72 | 21.75 | 21.64 | | |
| 15 | 16QAM | 75 | 0 | 21.56 | 21.68 | 21.53 | | |
| 15 | 64QAM | 1 | 0 | 21.68 | 21.68 | 21.63 | 23.1 | 1 |
| 15 | 64QAM | 1 | 37 | 21.57 | 21.74 | 21.67 | | |
| 15 | 64QAM | 1 | 74 | 21.69 | 21.77 | 21.66 | | |
| 15 | 64QAM | 36 | 0 | 20.60 | 20.64 | 20.67 | 22.1 | 2 |
| 15 | 64QAM | 36 | 20 | 20.54 | 20.69 | 20.58 | | |
| 15 | 64QAM | 36 | 39 | 20.54 | 20.62 | 20.58 | | |
| 15 | 64QAM | 75 | 0 | 20.59 | 20.68 | 20.57 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.70 | 22.76 | 22.75 | 24.1 | 0 |
| 10 | QPSK | 1 | 25 | 22.57 | 22.78 | 22.61 | | |
| 10 | QPSK | 1 | 49 | 22.52 | 22.60 | 22.50 | | |
| 10 | QPSK | 25 | 0 | 22.67 | 22.69 | 22.61 | 24.1 | 0 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.63 | 22.56 | | |
| 10 | QPSK | 25 | 25 | 22.49 | 22.63 | 22.59 | | |
| 10 | QPSK | 50 | 0 | 22.46 | 22.63 | 22.58 | | |
| 10 | 16QAM | 1 | 0 | 22.54 | 22.64 | 22.47 | 24.1 | 0 |
| 10 | 16QAM | 1 | 25 | 22.47 | 22.62 | 22.58 | | |
| 10 | 16QAM | 1 | 49 | 22.68 | 22.68 | 22.51 | | |
| 10 | 16QAM | 25 | 0 | 21.58 | 21.65 | 21.62 | 23.1 | 1 |
| 10 | 16QAM | 25 | 12 | 21.65 | 21.65 | 21.49 | | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.73 | 21.61 | | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.60 | 21.58 | | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.76 | 21.61 | 23.1 | 1 |
| 10 | 64QAM | 1 | 25 | 21.57 | 21.74 | 21.62 | | |
| 10 | 64QAM | 1 | 49 | 21.72 | 21.78 | 21.75 | | |
| 10 | 64QAM | 25 | 0 | 20.58 | 20.72 | 20.59 | 22.1 | 2 |
| 10 | 64QAM | 25 | 12 | 20.53 | 20.64 | 20.59 | | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.65 | 20.57 | | |
| 10 | 64QAM | 50 | 0 | 20.53 | 20.66 | 20.50 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.76 | 22.78 | 22.74 | 24.1 | 0 |
| 5 | QPSK | 1 | 12 | 22.56 | 22.70 | 22.61 | | |
| 5 | QPSK | 1 | 24 | 22.51 | 22.57 | 22.59 | | |
| 5 | QPSK | 12 | 0 | 22.75 | 22.69 | 22.58 | 24.1 | 0 |
| 5 | QPSK | 12 | 7 | 22.55 | 22.65 | 22.58 | | |
| 5 | QPSK | 12 | 13 | 22.48 | 22.58 | 22.62 | | |
| 5 | QPSK | 25 | 0 | 22.48 | 22.63 | 22.61 | | |
| 5 | 16QAM | 1 | 0 | 22.48 | 22.70 | 22.49 | 24.1 | 0 |
| 5 | 16QAM | 1 | 12 | 22.48 | 22.64 | 22.60 | | |
| 5 | 16QAM | 1 | 24 | 22.61 | 22.75 | 22.56 | | |
| 5 | 16QAM | 12 | 0 | 21.56 | 21.70 | 21.63 | 23.1 | 1 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.60 | 21.47 | | |
| 5 | 16QAM | 12 | 13 | 21.64 | 21.78 | 21.64 | | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.70 | 21.57 | | |
| 5 | 64QAM | 1 | 0 | 21.71 | 21.71 | 21.59 | 23.1 | 1 |
| 5 | 64QAM | 1 | 12 | 21.50 | 21.64 | 21.62 | | |
| 5 | 64QAM | 1 | 24 | 21.70 | 21.75 | 21.72 | | |
| 5 | 64QAM | 12 | 0 | 20.59 | 20.65 | 20.59 | 22.1 | 2 |
| 5 | 64QAM | 12 | 7 | 20.54 | 20.62 | 20.61 | | |
| 5 | 64QAM | 12 | 13 | 20.59 | 20.72 | 20.59 | | |
| 5 | 64QAM | 25 | 0 | 20.64 | 20.63 | 20.53 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.74 | 22.72 | 22.64 | 24.1 | 0 |
| 3 | QPSK | 1 | 8 | 22.61 | 22.76 | 22.66 | | |
| 3 | QPSK | 1 | 14 | 22.56 | 22.60 | 22.51 | | |
| 3 | QPSK | 8 | 0 | 22.67 | 22.67 | 22.59 | 24.1 | 0 |
| 3 | QPSK | 8 | 4 | 22.50 | 22.61 | 22.62 | | |
| 3 | QPSK | 8 | 7 | 22.54 | 22.65 | 22.56 | | |
| 3 | QPSK | 15 | 0 | 22.54 | 22.59 | 22.64 | | |
| 3 | 16QAM | 1 | 0 | 22.49 | 22.66 | 22.56 | 24.1 | 0 |
| 3 | 16QAM | 1 | 8 | 22.53 | 22.72 | 22.56 | | |
| 3 | 16QAM | 1 | 14 | 22.70 | 22.75 | 22.59 | | |
| 3 | 16QAM | 8 | 0 | 21.51 | 21.63 | 21.68 | 23.1 | 1 |
| 3 | 16QAM | 8 | 4 | 21.55 | 21.70 | 21.49 | | |
| 3 | 16QAM | 8 | 7 | 21.62 | 21.79 | 21.68 | | |
| 3 | 16QAM | 15 | 0 | 21.51 | 21.70 | 21.62 | | |
| 3 | 64QAM | 1 | 0 | 21.66 | 21.69 | 21.64 | 23.1 | 1 |
| 3 | 64QAM | 1 | 8 | 21.58 | 21.66 | 21.58 | | |
| 3 | 64QAM | 1 | 14 | 21.64 | 21.77 | 21.74 | | |
| 3 | 64QAM | 8 | 0 | 20.56 | 20.68 | 20.70 | 22.1 | 2 |
| 3 | 64QAM | 8 | 4 | 20.56 | 20.59 | 20.61 | | |
| 3 | 64QAM | 8 | 7 | 20.57 | 20.71 | 20.55 | | |
| 3 | 64QAM | 15 | 0 | 20.58 | 20.64 | 20.54 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.76 | 22.76 | 22.72 | 24.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.59 | 22.69 | 22.62 | | |
| 1.4 | QPSK | 1 | 5 | 22.53 | 22.59 | 22.53 | | |
| 1.4 | QPSK | 3 | 0 | 22.66 | 22.69 | 22.62 | | |
| 1.4 | QPSK | 3 | 1 | 22.53 | 22.62 | 22.62 | | |
| 1.4 | QPSK | 3 | 3 | 22.58 | 22.61 | 22.62 | | |
| 1.4 | QPSK | 6 | 0 | 22.56 | 22.57 | 22.57 | 24.1 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.44 | 22.61 | 22.53 | 24.1 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.58 | 22.69 | 22.50 | | |
| 1.4 | 16QAM | 1 | 5 | 22.64 | 22.75 | 22.57 | | |
| 1.4 | 16QAM | 3 | 0 | 22.61 | 22.66 | 22.67 | | |
| 1.4 | 16QAM | 3 | 1 | 22.55 | 22.66 | 22.47 | | |
| 1.4 | 16QAM | 3 | 3 | 22.64 | 22.71 | 22.68 | | |
| 1.4 | 16QAM | 6 | 0 | 21.49 | 21.67 | 21.62 | 23.1 | 1 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.69 | 21.66 | 23.1 | 1 |
| 1.4 | 64QAM | 1 | 3 | 21.53 | 21.65 | 21.60 | | |
| 1.4 | 64QAM | 1 | 5 | 21.65 | 21.79 | 21.74 | | |
| 1.4 | 64QAM | 3 | 0 | 21.56 | 21.63 | 21.67 | | |
| 1.4 | 64QAM | 3 | 1 | 21.56 | 21.65 | 21.54 | | |
| 1.4 | 64QAM | 3 | 3 | 21.55 | 21.65 | 21.52 | | |
| 1.4 | 64QAM | 6 | 0 | 20.61 | 20.61 | 20.59 | 22.1 | 2 |

## Band 4 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.78 | 22.81 | 22.72 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.60 | 22.72 | 22.63 | | |
| 20 | QPSK | 1 | 99 | 22.58 | 22.67 | 22.59 | | |
| 20 | QPSK | 50 | 0 | 22.73 | 22.79 | 22.72 | 24 | 0 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.68 | | |
| 20 | QPSK | 50 | 50 | 22.48 | 22.61 | 22.53 | | |
| 20 | QPSK | 100 | 0 | 22.61 | 22.70 | 22.62 | | |
| 20 | 16QAM | 1 | 0 | 22.69 | 22.72 | 22.64 | 24 | 0 |
| 20 | 16QAM | 1 | 49 | 22.56 | 22.65 | 22.59 | | |
| 20 | 16QAM | 1 | 99 | 22.49 | 22.54 | 22.49 | | |
| 20 | 16QAM | 50 | 0 | 21.91 | 21.96 | 21.81 | 23.1 | 0.9 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.84 | 21.79 | | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.69 | 21.57 | | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.81 | 21.75 | | |
| 20 | 64QAM | 1 | 0 | 21.79 | 21.93 | 21.90 | 23.1 | 0.9 |
| 20 | 64QAM | 1 | 49 | 21.75 | 21.89 | 21.83 | | |
| 20 | 64QAM | 1 | 99 | 21.60 | 21.72 | 21.58 | | |
| 20 | 64QAM | 50 | 0 | 20.82 | 20.95 | 20.83 | 22.1 | 1.9 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.87 | 20.82 | | |
| 20 | 64QAM | 50 | 50 | 20.58 | 20.65 | 20.57 | | |
| 20 | 64QAM | 100 | 0 | 20.62 | 20.77 | 20.66 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.71 | 22.69 | 22.65 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.49 | 22.59 | 22.49 | | |
| 15 | QPSK | 1 | 74 | 22.51 | 22.56 | 22.45 | | |
| 15 | QPSK | 36 | 0 | 22.60 | 22.66 | 22.58 | 24 | 0 |
| 15 | QPSK | 36 | 20 | 22.52 | 22.64 | 22.55 | | |
| 15 | QPSK | 36 | 39 | 22.37 | 22.55 | 22.50 | | |
| 15 | QPSK | 75 | 0 | 22.51 | 22.57 | 22.55 | | |
| 15 | 16QAM | 1 | 0 | 22.59 | 22.67 | 22.52 | 24 | 0 |
| 15 | 16QAM | 1 | 37 | 22.52 | 22.56 | 22.48 | | |
| 15 | 16QAM | 1 | 74 | 22.38 | 22.50 | 22.38 | | |
| 15 | 16QAM | 36 | 0 | 21.84 | 21.90 | 21.72 | 23.1 | 0.9 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.76 | 21.73 | | |
| 15 | 16QAM | 36 | 39 | 21.53 | 21.66 | 21.46 | | |
| 15 | 16QAM | 75 | 0 | 21.69 | 21.73 | 21.67 | | |
| 15 | 64QAM | 1 | 0 | 21.71 | 21.87 | 21.85 | 23.1 | 0.9 |
| 15 | 64QAM | 1 | 37 | 21.72 | 21.77 | 21.68 | | |
| 15 | 64QAM | 1 | 74 | 21.56 | 21.58 | 21.50 | | |
| 15 | 64QAM | 36 | 0 | 20.73 | 20.81 | 20.76 | 22.1 | 1.9 |
| 15 | 64QAM | 36 | 20 | 20.65 | 20.82 | 20.68 | | |
| 15 | 64QAM | 36 | 39 | 20.55 | 20.59 | 20.43 | | |
| 15 | 64QAM | 75 | 0 | 20.57 | 20.67 | 20.54 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.72 | 22.67 | 22.68 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.50 | 22.59 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.49 | 22.57 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 22.65 | 22.73 | 22.58 | 24 | 0 |
| 10 | QPSK | 25 | 12 | 22.55 | 22.69 | 22.63 | | |
| 10 | QPSK | 25 | 25 | 22.43 | 22.48 | 22.45 | | |
| 10 | QPSK | 50 | 0 | 22.46 | 22.60 | 22.58 | | |
| 10 | 16QAM | 1 | 0 | 22.54 | 22.69 | 22.51 | 24 | 0 |
| 10 | 16QAM | 1 | 25 | 22.43 | 22.61 | 22.55 | | |
| 10 | 16QAM | 1 | 49 | 22.43 | 22.50 | 22.34 | | |
| 10 | 16QAM | 25 | 0 | 21.86 | 21.82 | 21.74 | 23.1 | 0.9 |
| 10 | 16QAM | 25 | 12 | 21.69 | 21.80 | 21.64 | | |
| 10 | 16QAM | 25 | 25 | 21.55 | 21.60 | 21.50 | | |
| 10 | 16QAM | 50 | 0 | 21.61 | 21.66 | 21.62 | | |
| 10 | 64QAM | 1 | 0 | 21.68 | 21.87 | 21.79 | 23.1 | 0.9 |
| 10 | 64QAM | 1 | 25 | 21.70 | 21.79 | 21.70 | | |
| 10 | 64QAM | 1 | 49 | 21.48 | 21.67 | 21.51 | | |
| 10 | 64QAM | 25 | 0 | 20.74 | 20.86 | 20.68 | 22.1 | 1.9 |
| 10 | 64QAM | 25 | 12 | 20.73 | 20.77 | 20.71 | | |
| 10 | 64QAM | 25 | 25 | 20.46 | 20.60 | 20.43 | | |
| 10 | 64QAM | 50 | 0 | 20.54 | 20.62 | 20.60 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.72 | 22.68 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.55 | 22.66 | 22.53 | | |
| 5 | QPSK | 1 | 24 | 22.48 | 22.52 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 22.69 | 22.74 | 22.67 | 24 | 0 |
| 5 | QPSK | 12 | 7 | 22.53 | 22.69 | 22.63 | | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.52 | 22.41 | | |
| 5 | QPSK | 25 | 0 | 22.48 | 22.67 | 22.57 | | |
| 5 | 16QAM | 1 | 0 | 22.61 | 22.61 | 22.59 | 24 | 0 |
| 5 | 16QAM | 1 | 12 | 22.52 | 22.62 | 22.51 | | |
| 5 | 16QAM | 1 | 24 | 22.37 | 22.43 | 22.34 | | |
| 5 | 16QAM | 12 | 0 | 21.79 | 21.83 | 21.78 | 23.1 | 0.9 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.80 | 21.64 | | |
| 5 | 16QAM | 12 | 13 | 21.53 | 21.58 | 21.49 | | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.74 | 21.67 | | |
| 5 | 64QAM | 1 | 0 | 21.64 | 21.89 | 21.82 | 23.1 | 0.9 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.79 | | |
| 5 | 64QAM | 1 | 24 | 21.48 | 21.62 | 21.53 | | |
| 5 | 64QAM | 12 | 0 | 20.72 | 20.88 | 20.77 | 22.1 | 1.9 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.73 | 20.74 | | |
| 5 | 64QAM | 12 | 13 | 20.46 | 20.55 | 20.47 | | |
| 5 | 64QAM | 25 | 0 | 20.54 | 20.65 | 20.53 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.70 | 22.67 | 22.62 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.53 | 22.57 | 22.52 | | |
| 3 | QPSK | 1 | 14 | 22.52 | 22.53 | 22.48 | | |
| 3 | QPSK | 8 | 0 | 22.69 | 22.69 | 22.64 | 24 | 0 |
| 3 | QPSK | 8 | 4 | 22.53 | 22.67 | 22.59 | | |
| 3 | QPSK | 8 | 7 | 22.41 | 22.50 | 22.43 | | |
| 3 | QPSK | 15 | 0 | 22.48 | 22.67 | 22.51 | | |
| 3 | 16QAM | 1 | 0 | 22.66 | 22.63 | 22.59 | 24 | 0 |
| 3 | 16QAM | 1 | 8 | 22.49 | 22.58 | 22.56 | | |
| 3 | 16QAM | 1 | 14 | 22.41 | 22.44 | 22.43 | | |
| 3 | 16QAM | 8 | 0 | 21.86 | 21.85 | 21.72 | 23.1 | 0.9 |
| 3 | 16QAM | 8 | 4 | 21.69 | 21.78 | 21.67 | | |
| 3 | 16QAM | 8 | 7 | 21.50 | 21.59 | 21.46 | | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.77 | 21.68 | | |
| 3 | 64QAM | 1 | 0 | 21.71 | 21.81 | 21.87 | 23.1 | 0.9 |
| 3 | 64QAM | 1 | 8 | 21.61 | 21.81 | 21.78 | | |
| 3 | 64QAM | 1 | 14 | 21.52 | 21.57 | 21.53 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.91 | 20.80 | 22.1 | 1.9 |
| 3 | 64QAM | 8 | 4 | 20.66 | 20.75 | 20.73 | | |
| 3 | 64QAM | 8 | 7 | 20.54 | 20.50 | 20.53 | | |
| 3 | 64QAM | 15 | 0 | 20.56 | 20.74 | 20.61 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.70 | 22.75 | 22.68 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.46 | 22.65 | 22.53 | | |
| 1.4 | QPSK | 1 | 5 | 22.48 | 22.57 | 22.45 | | |
| 1.4 | QPSK | 3 | 0 | 22.64 | 22.69 | 22.62 | | |
| 1.4 | QPSK | 3 | 1 | 22.56 | 22.64 | 22.56 | | |
| 1.4 | QPSK | 3 | 3 | 22.36 | 22.49 | 22.44 | | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.67 | 22.48 | 24 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.58 | 22.66 | 22.55 | 24 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.44 | 22.53 | 22.46 | | |
| 1.4 | 16QAM | 1 | 5 | 22.34 | 22.47 | 22.46 | | |
| 1.4 | 16QAM | 3 | 0 | 22.76 | 22.74 | 22.67 | | |
| 1.4 | 16QAM | 3 | 1 | 22.57 | 22.69 | 22.58 | | |
| 1.4 | 16QAM | 3 | 3 | 22.43 | 22.56 | 22.38 | | |
| 1.4 | 16QAM | 6 | 0 | 21.69 | 21.73 | 21.67 | 23 | 1 |
| 1.4 | 64QAM | 1 | 0 | 21.70 | 21.81 | 21.81 | 23 | 1 |
| 1.4 | 64QAM | 1 | 3 | 21.60 | 21.75 | 21.79 | | |
| 1.4 | 64QAM | 1 | 5 | 21.53 | 21.68 | 21.51 | | |
| 1.4 | 64QAM | 3 | 0 | 21.68 | 21.74 | 21.59 | | |
| 1.4 | 64QAM | 3 | 1 | 21.54 | 21.65 | 21.60 | | |
| 1.4 | 64QAM | 3 | 3 | 21.43 | 21.52 | 21.42 | | |
| 1.4 | 64QAM | 6 | 0 | 20.54 | 20.66 | 20.61 | 22 | 2 |

## Band 7 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 21.58 | 21.71 | 21.66 | 22.9 | 0 |
| 20 | QPSK | 1 | 49 | 21.60 | 21.63 | 21.53 | | |
| 20 | QPSK | 1 | 99 | 21.55 | 21.68 | 21.60 | | |
| 20 | QPSK | 50 | 0 | 21.58 | 21.64 | 21.49 | 22.9 | 0 |
| 20 | QPSK | 50 | 24 | 21.46 | 21.61 | 21.58 | | |
| 20 | QPSK | 50 | 50 | 21.55 | 21.62 | 21.51 | | |
| 20 | QPSK | 100 | 0 | 21.60 | 21.69 | 21.57 | | |
| 20 | 16QAM | 1 | 0 | 21.56 | 21.62 | 21.52 | 22.9 | 0 |
| 20 | 16QAM | 1 | 49 | 21.50 | 21.58 | 21.43 | | |
| 20 | 16QAM | 1 | 99 | 21.48 | 21.52 | 21.41 | | |
| 20 | 16QAM | 50 | 0 | 21.57 | 21.45 | 21.55 | 22.7 | 0.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.53 | 21.48 | | |
| 20 | 16QAM | 50 | 50 | 21.36 | 21.48 | 21.36 | | |
| 20 | 16QAM | 100 | 0 | 21.34 | 21.49 | 21.43 | | |
| 20 | 64QAM | 1 | 0 | 21.46 | 21.47 | 21.29 | 22.7 | 0.2 |
| 20 | 64QAM | 1 | 49 | 21.39 | 21.33 | 21.33 | | |
| 20 | 64QAM | 1 | 99 | 21.51 | 21.56 | 21.28 | | |
| 20 | 64QAM | 50 | 0 | 20.58 | 20.60 | 20.57 | 21.7 | 1.2 |
| 20 | 64QAM | 50 | 24 | 20.54 | 20.59 | 20.49 | | |
| 20 | 64QAM | 50 | 50 | 20.35 | 20.48 | 20.51 | | |
| 20 | 64QAM | 100 | 0 | 20.32 | 20.55 | 20.45 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 21.54 | 21.60 | 21.59 | 22.9 | 0 |
| 15 | QPSK | 1 | 37 | 21.56 | 21.58 | 21.40 | | |
| 15 | QPSK | 1 | 74 | 21.45 | 21.58 | 21.50 | | |
| 15 | QPSK | 36 | 0 | 21.51 | 21.51 | 21.38 | 22.9 | 0 |
| 15 | QPSK | 36 | 20 | 21.42 | 21.50 | 21.44 | | |
| 15 | QPSK | 36 | 39 | 21.41 | 21.49 | 21.47 | | |
| 15 | QPSK | 75 | 0 | 21.51 | 21.55 | 21.53 | | |
| 15 | 16QAM | 1 | 0 | 21.41 | 21.52 | 21.49 | 22.9 | 0 |
| 15 | 16QAM | 1 | 37 | 21.39 | 21.54 | 21.29 | | |
| 15 | 16QAM | 1 | 74 | 21.43 | 21.43 | 21.33 | | |
| 15 | 16QAM | 36 | 0 | 21.50 | 21.31 | 21.45 | 22.7 | 0.2 |
| 15 | 16QAM | 36 | 20 | 21.48 | 21.42 | 21.39 | | |
| 15 | 16QAM | 36 | 39 | 21.24 | 21.39 | 21.30 | | |
| 15 | 16QAM | 75 | 0 | 21.27 | 21.38 | 21.39 | | |
| 15 | 64QAM | 1 | 0 | 21.39 | 21.36 | 21.20 | 22.7 | 0.2 |
| 15 | 64QAM | 1 | 37 | 21.36 | 21.25 | 21.25 | | |
| 15 | 64QAM | 1 | 74 | 21.41 | 21.43 | 21.16 | | |
| 15 | 64QAM | 36 | 0 | 20.45 | 20.57 | 20.50 | 21.7 | 1.2 |
| 15 | 64QAM | 36 | 20 | 20.50 | 20.55 | 20.37 | | |
| 15 | 64QAM | 36 | 39 | 20.27 | 20.33 | 20.40 | | |
| 15 | 64QAM | 75 | 0 | 20.27 | 20.40 | 20.30 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 21.43 | 21.63 | 21.55 | 22.9 | 0 |
| 10 | QPSK | 1 | 25 | 21.56 | 21.58 | 21.40 | | |
| 10 | QPSK | 1 | 49 | 21.49 | 21.61 | 21.52 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.52 | 21.45 | 22.9 | 0 |
| 10 | QPSK | 25 | 12 | 21.39 | 21.57 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.52 | 21.44 | | |
| 10 | QPSK | 50 | 0 | 21.56 | 21.66 | 21.44 | | |
| 10 | 16QAM | 1 | 0 | 21.44 | 21.50 | 21.45 | 22.9 | 0 |
| 10 | 16QAM | 1 | 25 | 21.38 | 21.44 | 21.36 | | |
| 10 | 16QAM | 1 | 49 | 21.41 | 21.44 | 21.35 | | |
| 10 | 16QAM | 25 | 0 | 21.50 | 21.32 | 21.49 | 22.7 | 0.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.49 | 21.41 | | |
| 10 | 16QAM | 25 | 25 | 21.23 | 21.35 | 21.24 | | |
| 10 | 16QAM | 50 | 0 | 21.20 | 21.43 | 21.36 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.38 | 21.24 | 22.7 | 0.2 |
| 10 | 64QAM | 1 | 25 | 21.34 | 21.21 | 21.21 | | |
| 10 | 64QAM | 1 | 49 | 21.42 | 21.48 | 21.15 | | |
| 10 | 64QAM | 25 | 0 | 20.54 | 20.46 | 20.48 | 21.7 | 1.2 |
| 10 | 64QAM | 25 | 12 | 20.39 | 20.48 | 20.38 | | |
| 10 | 64QAM | 25 | 25 | 20.30 | 20.40 | 20.38 | | |
| 10 | 64QAM | 50 | 0 | 20.20 | 20.43 | 20.34 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 21.51 | 21.64 | 21.54 | 22.9 | 0 |
| 5 | QPSK | 1 | 12 | 21.47 | 21.56 | 21.40 | | |
| 5 | QPSK | 1 | 24 | 21.41 | 21.57 | 21.51 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.59 | 21.36 | 22.9 | 0 |
| 5 | QPSK | 12 | 7 | 21.37 | 21.55 | 21.45 | | |
| 5 | QPSK | 12 | 13 | 21.43 | 21.50 | 21.39 | | |
| 5 | QPSK | 25 | 0 | 21.50 | 21.60 | 21.53 | | |
| 5 | 16QAM | 1 | 0 | 21.49 | 21.51 | 21.48 | 22.9 | 0 |
| 5 | 16QAM | 1 | 12 | 21.45 | 21.52 | 21.34 | | |
| 5 | 16QAM | 1 | 24 | 21.34 | 21.39 | 21.27 | | |
| 5 | 16QAM | 12 | 0 | 21.51 | 21.36 | 21.42 | 22.7 | 0.2 |
| 5 | 16QAM | 12 | 7 | 21.46 | 21.41 | 21.41 | | |
| 5 | 16QAM | 12 | 13 | 21.23 | 21.34 | 21.23 | | |
| 5 | 16QAM | 25 | 0 | 21.27 | 21.41 | 21.37 | | |
| 5 | 64QAM | 1 | 0 | 21.34 | 21.32 | 21.14 | 22.7 | 0.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.26 | 21.19 | | |
| 5 | 64QAM | 1 | 24 | 21.40 | 21.43 | 21.24 | | |
| 5 | 64QAM | 12 | 0 | 20.45 | 20.48 | 20.47 | 21.7 | 1.2 |
| 5 | 64QAM | 12 | 7 | 20.40 | 20.53 | 20.37 | | |
| 5 | 64QAM | 12 | 13 | 20.28 | 20.42 | 20.37 | | |
| 5 | 64QAM | 25 | 0 | 20.29 | 20.42 | 20.41 | | |

## Band 25 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.75 | 22.92 | 22.81 | 24.1 | 0 |
| 20 | QPSK | 1 | 49 | 22.78 | 22.83 | 22.74 | | |
| 20 | QPSK | 1 | 99 | 22.81 | 22.75 | 22.77 | | |
| 20 | QPSK | 50 | 0 | 22.77 | 22.90 | 22.80 | 24.1 | 0 |
| 20 | QPSK | 50 | 24 | 22.80 | 22.80 | 22.70 | | |
| 20 | QPSK | 50 | 50 | 22.75 | 22.82 | 22.79 | | |
| 20 | QPSK | 100 | 0 | 22.76 | 22.89 | 22.81 | | |
| 20 | 16QAM | 1 | 0 | 22.68 | 22.78 | 22.69 | 24.1 | 0 |
| 20 | 16QAM | 1 | 49 | 22.62 | 22.68 | 22.58 | | |
| 20 | 16QAM | 1 | 99 | 22.60 | 22.84 | 22.71 | | |
| 20 | 16QAM | 50 | 0 | 21.78 | 21.86 | 21.71 | 23.1 | 1 |
| 20 | 16QAM | 50 | 24 | 21.78 | 21.73 | 21.66 | | |
| 20 | 16QAM | 50 | 50 | 21.85 | 21.93 | 21.71 | | |
| 20 | 16QAM | 100 | 0 | 21.94 | 21.85 | 21.76 | | |
| 20 | 64QAM | 1 | 0 | 21.61 | 21.81 | 21.75 | 23.1 | 1 |
| 20 | 64QAM | 1 | 49 | 21.67 | 21.65 | 21.58 | | |
| 20 | 64QAM | 1 | 99 | 21.70 | 21.88 | 21.70 | | |
| 20 | 64QAM | 50 | 0 | 20.81 | 20.86 | 20.80 | 22.1 | 2 |
| 20 | 64QAM | 50 | 24 | 20.69 | 20.83 | 20.67 | | |
| 20 | 64QAM | 50 | 50 | 20.81 | 20.91 | 20.68 | | |
| 20 | 64QAM | 100 | 0 | 20.90 | 20.95 | 20.71 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.60 | 22.74 | 22.67 | 24.1 | 0 |
| 15 | QPSK | 1 | 37 | 22.61 | 22.73 | 22.55 | | |
| 15 | QPSK | 1 | 74 | 22.69 | 22.65 | 22.58 | | |
| 15 | QPSK | 36 | 0 | 22.61 | 22.80 | 22.65 | 24.1 | 0 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.68 | 22.57 | | |
| 15 | QPSK | 36 | 39 | 22.60 | 22.65 | 22.60 | | |
| 15 | QPSK | 75 | 0 | 22.68 | 22.75 | 22.67 | | |
| 15 | 16QAM | 1 | 0 | 22.55 | 22.67 | 22.61 | 24.1 | 0 |
| 15 | 16QAM | 1 | 37 | 22.47 | 22.53 | 22.38 | | |
| 15 | 16QAM | 1 | 74 | 22.44 | 22.66 | 22.56 | | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.70 | 21.63 | 23.1 | 1 |
| 15 | 16QAM | 36 | 20 | 21.67 | 21.61 | 21.47 | | |
| 15 | 16QAM | 36 | 39 | 21.66 | 21.76 | 21.61 | | |
| 15 | 16QAM | 75 | 0 | 21.85 | 21.76 | 21.66 | | |
| 15 | 64QAM | 1 | 0 | 21.50 | 21.67 | 21.65 | 23.1 | 1 |
| 15 | 64QAM | 1 | 37 | 21.48 | 21.50 | 21.48 | | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.78 | 21.53 | | |
| 15 | 64QAM | 36 | 0 | 20.66 | 20.71 | 20.64 | 22.1 | 2 |
| 15 | 64QAM | 36 | 20 | 20.49 | 20.66 | 20.51 | | |
| 15 | 64QAM | 36 | 39 | 20.72 | 20.72 | 20.49 | | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.81 | 20.60 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.63 | 22.81 | 22.67 | 24.1 | 0 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.73 | 22.61 | | |
| 10 | QPSK | 1 | 49 | 22.68 | 22.62 | 22.68 | | |
| 10 | QPSK | 25 | 0 | 22.68 | 22.71 | 22.68 | 24.1 | 0 |
| 10 | QPSK | 25 | 12 | 22.71 | 22.71 | 22.54 | | |
| 10 | QPSK | 25 | 25 | 22.59 | 22.66 | 22.63 | | |
| 10 | QPSK | 50 | 0 | 22.67 | 22.70 | 22.63 | | |
| 10 | 16QAM | 1 | 0 | 22.54 | 22.60 | 22.59 | 24.1 | 0 |
| 10 | 16QAM | 1 | 25 | 22.45 | 22.53 | 22.47 | | |
| 10 | 16QAM | 1 | 49 | 22.51 | 22.66 | 22.56 | | |
| 10 | 16QAM | 25 | 0 | 21.64 | 21.68 | 21.52 | 23.1 | 1 |
| 10 | 16QAM | 25 | 12 | 21.65 | 21.59 | 21.50 | | |
| 10 | 16QAM | 25 | 25 | 21.71 | 21.77 | 21.56 | | |
| 10 | 16QAM | 50 | 0 | 21.75 | 21.71 | 21.59 | | |
| 10 | 64QAM | 1 | 0 | 21.46 | 21.64 | 21.59 | 23.1 | 1 |
| 10 | 64QAM | 1 | 25 | 21.56 | 21.51 | 21.44 | | |
| 10 | 64QAM | 1 | 49 | 21.59 | 21.78 | 21.51 | | |
| 10 | 64QAM | 25 | 0 | 20.68 | 20.78 | 20.66 | 22.1 | 2 |
| 10 | 64QAM | 25 | 12 | 20.61 | 20.67 | 20.55 | | |
| 10 | 64QAM | 25 | 25 | 20.73 | 20.79 | 20.49 | | |
| 10 | 64QAM | 50 | 0 | 20.79 | 20.83 | 20.56 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.55 | 22.73 | 22.72 | 24.1 | 0 |
| 5 | QPSK | 1 | 12 | 22.67 | 22.73 | 22.57 | | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.56 | 22.65 | | |
| 5 | QPSK | 12 | 0 | 22.65 | 22.73 | 22.63 | 24.1 | 0 |
| 5 | QPSK | 12 | 7 | 22.66 | 22.69 | 22.50 | | |
| 5 | QPSK | 12 | 13 | 22.60 | 22.67 | 22.59 | | |
| 5 | QPSK | 25 | 0 | 22.61 | 22.76 | 22.72 | | |
| 5 | 16QAM | 1 | 0 | 22.50 | 22.62 | 22.59 | 24.1 | 0 |
| 5 | 16QAM | 1 | 12 | 22.48 | 22.58 | 22.46 | | |
| 5 | 16QAM | 1 | 24 | 22.43 | 22.69 | 22.60 | | |
| 5 | 16QAM | 12 | 0 | 21.65 | 21.73 | 21.58 | 23.1 | 1 |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.56 | 21.52 | | |
| 5 | 16QAM | 12 | 13 | 21.74 | 21.79 | 21.56 | | |
| 5 | 16QAM | 25 | 0 | 21.78 | 21.74 | 21.67 | | |
| 5 | 64QAM | 1 | 0 | 21.49 | 21.65 | 21.56 | 23.1 | 1 |
| 5 | 64QAM | 1 | 12 | 21.53 | 21.55 | 21.43 | | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.75 | 21.54 | | |
| 5 | 64QAM | 12 | 0 | 20.73 | 20.66 | 20.66 | 22.1 | 2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.69 | 20.53 | | |
| 5 | 64QAM | 12 | 13 | 20.64 | 20.82 | 20.57 | | |
| 5 | 64QAM | 25 | 0 | 20.74 | 20.86 | 20.53 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.65 | 22.79 | 22.71 | 24.1 | 0 |
| 3 | QPSK | 1 | 8 | 22.68 | 22.72 | 22.58 | | |
| 3 | QPSK | 1 | 14 | 22.67 | 22.62 | 22.63 | | |
| 3 | QPSK | 8 | 0 | 22.59 | 22.71 | 22.60 | 24.1 | 0 |
| 3 | QPSK | 8 | 4 | 22.64 | 22.61 | 22.60 | | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.73 | 22.69 | | |
| 3 | QPSK | 15 | 0 | 22.66 | 22.74 | 22.68 | | |
| 3 | 16QAM | 1 | 0 | 22.59 | 22.59 | 22.57 | 24.1 | 0 |
| 3 | 16QAM | 1 | 8 | 22.47 | 22.52 | 22.40 | | |
| 3 | 16QAM | 1 | 14 | 22.49 | 22.71 | 22.54 | | |
| 3 | 16QAM | 8 | 0 | 21.63 | 21.67 | 21.55 | 23.1 | 1 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.55 | 21.56 | | |
| 3 | 16QAM | 8 | 7 | 21.70 | 21.84 | 21.60 | | |
| 3 | 16QAM | 15 | 0 | 21.85 | 21.70 | 21.57 | | |
| 3 | 64QAM | 1 | 0 | 21.42 | 21.71 | 21.60 | 23.1 | 1 |
| 3 | 64QAM | 1 | 8 | 21.49 | 21.47 | 21.41 | | |
| 3 | 64QAM | 1 | 14 | 21.59 | 21.70 | 21.51 | | |
| 3 | 64QAM | 8 | 0 | 20.63 | 20.76 | 20.60 | 22.1 | 2 |
| 3 | 64QAM | 8 | 4 | 20.55 | 20.74 | 20.52 | | |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.77 | 20.58 | | |
| 3 | 64QAM | 15 | 0 | 20.70 | 20.80 | 20.62 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.63 | 22.72 | 22.71 | 24.1 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.69 | 22.66 | 22.63 | | |
| 1.4 | QPSK | 1 | 5 | 22.67 | 22.59 | 22.69 | | |
| 1.4 | QPSK | 3 | 0 | 22.62 | 22.71 | 22.63 | | |
| 1.4 | QPSK | 3 | 1 | 22.66 | 22.62 | 22.54 | | |
| 1.4 | QPSK | 3 | 3 | 22.65 | 22.72 | 22.63 | | |
| 1.4 | QPSK | 6 | 0 | 22.61 | 22.79 | 22.67 | 24.1 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.59 | 22.65 | 22.57 | 24.1 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.50 | 22.57 | 22.45 | | |
| 1.4 | 16QAM | 1 | 5 | 22.48 | 22.71 | 22.61 | | |
| 1.4 | 16QAM | 3 | 0 | 22.64 | 22.70 | 22.53 | | |
| 1.4 | 16QAM | 3 | 1 | 22.64 | 22.57 | 22.54 | | |
| 1.4 | 16QAM | 3 | 3 | 22.77 | 22.75 | 22.61 | | |
| 1.4 | 16QAM | 6 | 0 | 21.81 | 21.71 | 21.68 | 23.1 | 1 |
| 1.4 | 64QAM | 1 | 0 | 21.49 | 21.64 | 21.65 | 23.1 | 1 |
| 1.4 | 64QAM | 1 | 3 | 21.56 | 21.54 | 21.50 | | |
| 1.4 | 64QAM | 1 | 5 | 21.59 | 21.74 | 21.57 | | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.61 | | |
| 1.4 | 64QAM | 3 | 1 | 21.53 | 21.69 | 21.56 | | |
| 1.4 | 64QAM | 3 | 3 | 21.71 | 21.72 | 21.51 | | |
| 1.4 | 64QAM | 6 | 0 | 20.76 | 20.84 | 20.52 | 22.1 | 2 |

## Band 66 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.80 | 22.85 | 22.67 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.84 | 22.79 | 22.76 | | |
| 20 | QPSK | 1 | 99 | 22.65 | 22.80 | 22.74 | | |
| 20 | QPSK | 50 | 0 | 22.67 | 22.78 | 22.67 | 24 | 0 |
| 20 | QPSK | 50 | 24 | 22.57 | 22.63 | 22.50 | | |
| 20 | QPSK | 50 | 50 | 22.57 | 22.67 | 22.64 | | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.70 | 22.59 | | |
| 20 | 16QAM | 1 | 0 | 22.60 | 22.73 | 22.61 | 24 | 0 |
| 20 | 16QAM | 1 | 49 | 22.47 | 22.59 | 22.47 | | |
| 20 | 16QAM | 1 | 99 | 22.58 | 22.66 | 22.57 | | |
| 20 | 16QAM | 50 | 0 | 21.92 | 22.00 | 22.02 | 23.1 | 0.9 |
| 20 | 16QAM | 50 | 24 | 21.94 | 21.98 | 21.92 | | |
| 20 | 16QAM | 50 | 50 | 21.75 | 21.85 | 21.75 | | |
| 20 | 16QAM | 100 | 0 | 21.85 | 21.91 | 21.85 | | |
| 20 | 64QAM | 1 | 0 | 22.00 | 22.05 | 21.97 | 23.1 | 0.9 |
| 20 | 64QAM | 1 | 49 | 21.86 | 21.91 | 21.87 | | |
| 20 | 64QAM | 1 | 99 | 21.80 | 21.95 | 21.84 | | |
| 20 | 64QAM | 50 | 0 | 21.02 | 20.97 | 21.01 | 22.1 | 1.9 |
| 20 | 64QAM | 50 | 24 | 20.91 | 21.06 | 20.88 | | |
| 20 | 64QAM | 50 | 50 | 20.83 | 20.80 | 20.79 | | |
| 20 | 64QAM | 100 | 0 | 20.83 | 20.93 | 20.83 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.73 | 22.79 | 22.53 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.72 | 22.66 | 22.62 | | |
| 15 | QPSK | 1 | 74 | 22.61 | 22.66 | 22.62 | | |
| 15 | QPSK | 36 | 0 | 22.58 | 22.72 | 22.55 | 24 | 0 |
| 15 | QPSK | 36 | 20 | 22.49 | 22.59 | 22.46 | | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.57 | 22.49 | | |
| 15 | QPSK | 75 | 0 | 22.54 | 22.55 | 22.54 | | |
| 15 | 16QAM | 1 | 0 | 22.49 | 22.61 | 22.52 | 24 | 0 |
| 15 | 16QAM | 1 | 37 | 22.43 | 22.49 | 22.33 | | |
| 15 | 16QAM | 1 | 74 | 22.48 | 22.56 | 22.51 | | |
| 15 | 16QAM | 36 | 0 | 21.79 | 21.97 | 21.99 | 23.1 | 0.9 |
| 15 | 16QAM | 36 | 20 | 21.83 | 21.93 | 21.78 | | |
| 15 | 16QAM | 36 | 39 | 21.66 | 21.79 | 21.60 | | |
| 15 | 16QAM | 75 | 0 | 21.77 | 21.85 | 21.72 | | |
| 15 | 64QAM | 1 | 0 | 21.86 | 22.00 | 21.88 | 23.1 | 0.9 |
| 15 | 64QAM | 1 | 37 | 21.77 | 21.82 | 21.80 | | |
| 15 | 64QAM | 1 | 74 | 21.77 | 21.91 | 21.71 | | |
| 15 | 64QAM | 36 | 0 | 20.88 | 20.93 | 20.97 | 22.1 | 1.9 |
| 15 | 64QAM | 36 | 20 | 20.86 | 21.00 | 20.73 | | |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.71 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.70 | 20.84 | 20.80 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.66 | 22.77 | 22.57 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.69 | 22.65 | 22.72 | | |
| 10 | QPSK | 1 | 49 | 22.54 | 22.73 | 22.63 | | |
| 10 | QPSK | 25 | 0 | 22.61 | 22.75 | 22.62 | 24 | 0 |
| 10 | QPSK | 25 | 12 | 22.42 | 22.57 | 22.40 | | |
| 10 | QPSK | 25 | 25 | 22.50 | 22.60 | 22.51 | | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.57 | 22.49 | | |
| 10 | 16QAM | 1 | 0 | 22.57 | 22.58 | 22.53 | 24 | 0 |
| 10 | 16QAM | 1 | 25 | 22.36 | 22.55 | 22.36 | | |
| 10 | 16QAM | 1 | 49 | 22.51 | 22.54 | 22.43 | | |
| 10 | 16QAM | 25 | 0 | 21.89 | 21.89 | 21.99 | 23.1 | 0.9 |
| 10 | 16QAM | 25 | 12 | 21.84 | 21.93 | 21.85 | | |
| 10 | 16QAM | 25 | 25 | 21.60 | 21.76 | 21.69 | | |
| 10 | 16QAM | 50 | 0 | 21.80 | 21.83 | 21.80 | | |
| 10 | 64QAM | 1 | 0 | 21.96 | 21.93 | 21.86 | 23.1 | 0.9 |
| 10 | 64QAM | 1 | 25 | 21.78 | 21.86 | 21.77 | | |
| 10 | 64QAM | 1 | 49 | 21.66 | 21.91 | 21.74 | | |
| 10 | 64QAM | 25 | 0 | 20.89 | 20.89 | 20.98 | 22.1 | 1.9 |
| 10 | 64QAM | 25 | 12 | 20.80 | 20.98 | 20.78 | | |
| 10 | 64QAM | 25 | 25 | 20.76 | 20.75 | 20.75 | | |
| 10 | 64QAM | 50 | 0 | 20.70 | 20.89 | 20.79 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.65 | 22.75 | 22.53 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.74 | 22.74 | 22.73 | | |
| 5 | QPSK | 1 | 24 | 22.52 | 22.72 | 22.67 | | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.74 | 22.55 | 24 | 0 |
| 5 | QPSK | 12 | 7 | 22.43 | 22.55 | 22.40 | | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.62 | 22.53 | | |
| 5 | QPSK | 25 | 0 | 22.51 | 22.58 | 22.50 | | |
| 5 | 16QAM | 1 | 0 | 22.49 | 22.60 | 22.49 | 24 | 0 |
| 5 | 16QAM | 1 | 12 | 22.35 | 22.45 | 22.38 | | |
| 5 | 16QAM | 1 | 24 | 22.45 | 22.61 | 22.53 | | |
| 5 | 16QAM | 12 | 0 | 21.86 | 21.89 | 21.94 | 23.1 | 0.9 |
| 5 | 16QAM | 12 | 7 | 21.80 | 21.85 | 21.84 | | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.82 | 21.61 | | |
| 5 | 16QAM | 25 | 0 | 21.81 | 21.78 | 21.72 | | |
| 5 | 64QAM | 1 | 0 | 21.89 | 21.93 | 21.83 | 23.1 | 0.9 |
| 5 | 64QAM | 1 | 12 | 21.72 | 21.78 | 21.74 | | |
| 5 | 64QAM | 1 | 24 | 21.65 | 21.87 | 21.72 | | |
| 5 | 64QAM | 12 | 0 | 20.90 | 20.85 | 20.88 | 22.1 | 1.9 |
| 5 | 64QAM | 12 | 7 | 20.86 | 20.98 | 20.73 | | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.70 | 20.69 | | |
| 5 | 64QAM | 25 | 0 | 20.80 | 20.81 | 20.77 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.68 | 22.81 | 22.62 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.70 | 22.69 | 22.72 | | |
| 3 | QPSK | 1 | 14 | 22.53 | 22.72 | 22.70 | | |
| 3 | QPSK | 8 | 0 | 22.53 | 22.66 | 22.60 | 24 | 0 |
| 3 | QPSK | 8 | 4 | 22.51 | 22.50 | 22.43 | | |
| 3 | QPSK | 8 | 7 | 22.50 | 22.56 | 22.53 | | |
| 3 | QPSK | 15 | 0 | 22.47 | 22.56 | 22.55 | | |
| 3 | 16QAM | 1 | 0 | 22.52 | 22.70 | 22.52 | 24 | 0 |
| 3 | 16QAM | 1 | 8 | 22.41 | 22.49 | 22.42 | | |
| 3 | 16QAM | 1 | 14 | 22.46 | 22.54 | 22.50 | | |
| 3 | 16QAM | 8 | 0 | 21.80 | 21.88 | 21.93 | 23.1 | 0.9 |
| 3 | 16QAM | 8 | 4 | 21.83 | 21.93 | 21.83 | | |
| 3 | 16QAM | 8 | 7 | 21.63 | 21.77 | 21.65 | | |
| 3 | 16QAM | 15 | 0 | 21.77 | 21.87 | 21.74 | | |
| 3 | 64QAM | 1 | 0 | 21.90 | 22.00 | 21.85 | 23.1 | 0.9 |
| 3 | 64QAM | 1 | 8 | 21.72 | 21.85 | 21.80 | | |
| 3 | 64QAM | 1 | 14 | 21.76 | 21.81 | 21.74 | | |
| 3 | 64QAM | 8 | 0 | 20.96 | 20.86 | 20.95 | 22.1 | 1.9 |
| 3 | 64QAM | 8 | 4 | 20.83 | 20.96 | 20.80 | | |
| 3 | 64QAM | 8 | 7 | 20.74 | 20.66 | 20.74 | | |
| 3 | 64QAM | 15 | 0 | 20.79 | 20.85 | 20.80 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.66 | 22.75 | 22.61 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.79 | 22.65 | 22.70 | | |
| 1.4 | QPSK | 1 | 5 | 22.51 | 22.71 | 22.64 | | |
| 1.4 | QPSK | 3 | 0 | 22.56 | 22.66 | 22.60 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.53 | 22.44 | | |
| 1.4 | QPSK | 3 | 3 | 22.50 | 22.57 | 22.56 | | |
| 1.4 | QPSK | 6 | 0 | 22.46 | 22.62 | 22.48 | 24 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.46 | 22.61 | 22.57 | 24 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.42 | 22.53 | 22.35 | | |
| 1.4 | 16QAM | 1 | 5 | 22.53 | 22.53 | 22.44 | | |
| 1.4 | 16QAM | 3 | 0 | 22.69 | 22.79 | 22.78 | | |
| 1.4 | 16QAM | 3 | 1 | 22.76 | 22.83 | 22.79 | | |
| 1.4 | 16QAM | 3 | 3 | 22.52 | 22.72 | 22.54 | | |
| 1.4 | 16QAM | 6 | 0 | 21.77 | 21.86 | 21.73 | 23.1 | 0.9 |
| 1.4 | 64QAM | 1 | 0 | 21.89 | 21.95 | 21.91 | 23.1 | 0.9 |
| 1.4 | 64QAM | 1 | 3 | 21.81 | 21.86 | 21.81 | | |
| 1.4 | 64QAM | 1 | 5 | 21.76 | 21.81 | 21.74 | | |
| 1.4 | 64QAM | 3 | 0 | 21.93 | 21.85 | 21.94 | | |
| 1.4 | 64QAM | 3 | 1 | 21.82 | 21.97 | 21.79 | | |
| 1.4 | 64QAM | 3 | 3 | 21.74 | 21.66 | 21.72 | | |
| 1.4 | 64QAM | 6 | 0 | 20.76 | 20.86 | 20.70 | 22.1 | 1.9 |

## Band 38 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 22.47 | 22.61 | 22.52 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.52 | 22.55 | 22.45 | | |
| 20 | QPSK | 1 | 99 | 22.41 | 22.49 | 22.38 | | |
| 20 | QPSK | 50 | 0 | 22.49 | 22.58 | 22.48 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.35 | 22.40 | 22.28 | | |
| 20 | QPSK | 50 | 50 | 22.38 | 22.52 | 22.38 | | |
| 20 | QPSK | 100 | 0 | 22.50 | 22.53 | 22.48 | | |
| 20 | 16QAM | 1 | 0 | 22.48 | 22.54 | 22.40 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.40 | 22.44 | 22.30 | | |
| 20 | 16QAM | 1 | 99 | 22.32 | 22.37 | 22.26 | | |
| 20 | 16QAM | 50 | 0 | 21.59 | 21.74 | 21.66 | 22.6 | 0.9 |
| 20 | 16QAM | 50 | 24 | 21.63 | 21.73 | 21.66 | | |
| 20 | 16QAM | 50 | 50 | 21.51 | 21.62 | 21.57 | | |
| 20 | 16QAM | 100 | 0 | 21.62 | 21.75 | 21.57 | | |
| 20 | 64QAM | 1 | 0 | 21.62 | 21.78 | 21.72 | 22.6 | 0.9 |
| 20 | 64QAM | 1 | 49 | 21.55 | 21.65 | 21.53 | | |
| 20 | 64QAM | 1 | 99 | 21.51 | 21.58 | 21.49 | | |
| 20 | 64QAM | 50 | 0 | 20.77 | 20.81 | 20.65 | 21.6 | 1.9 |
| 20 | 64QAM | 50 | 24 | 20.57 | 20.76 | 20.65 | | |
| 20 | 64QAM | 50 | 50 | 20.56 | 20.68 | 20.54 | | |
| 20 | 64QAM | 100 | 0 | 20.65 | 20.75 | 20.69 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.35 | 22.56 | 22.47 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.39 | 22.46 | 22.31 | | |
| 15 | QPSK | 1 | 74 | 22.36 | 22.35 | 22.31 | | |
| 15 | QPSK | 36 | 0 | 22.45 | 22.55 | 22.34 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.26 | 22.32 | 22.18 | | |
| 15 | QPSK | 36 | 39 | 22.24 | 22.45 | 22.24 | | |
| 15 | QPSK | 75 | 0 | 22.42 | 22.45 | 22.34 | | |
| 15 | 16QAM | 1 | 0 | 22.40 | 22.48 | 22.31 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.35 | 22.39 | 22.25 | | |
| 15 | 16QAM | 1 | 74 | 22.19 | 22.27 | 22.15 | | |
| 15 | 16QAM | 36 | 0 | 21.47 | 21.67 | 21.56 | 22.6 | 0.9 |
| 15 | 16QAM | 36 | 20 | 21.50 | 21.65 | 21.63 | | |
| 15 | 16QAM | 36 | 39 | 21.41 | 21.57 | 21.46 | | |
| 15 | 16QAM | 75 | 0 | 21.55 | 21.69 | 21.47 | | |
| 15 | 64QAM | 1 | 0 | 21.57 | 21.73 | 21.66 | 22.6 | 0.9 |
| 15 | 64QAM | 1 | 37 | 21.50 | 21.52 | 21.47 | | |
| 15 | 64QAM | 1 | 74 | 21.44 | 21.49 | 21.35 | | |
| 15 | 64QAM | 36 | 0 | 20.67 | 20.74 | 20.62 | 21.6 | 1.9 |
| 15 | 64QAM | 36 | 20 | 20.44 | 20.67 | 20.62 | | |
| 15 | 64QAM | 36 | 39 | 20.41 | 20.56 | 20.49 | | |
| 15 | 64QAM | 75 | 0 | 20.55 | 20.65 | 20.62 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.34 | 22.56 | 22.44 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.43 | 22.44 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.31 | 22.36 | 22.34 | | |
| 10 | QPSK | 25 | 0 | 22.35 | 22.50 | 22.42 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.21 | 22.25 | 22.21 | | |
| 10 | QPSK | 25 | 25 | 22.30 | 22.41 | 22.23 | | |
| 10 | QPSK | 50 | 0 | 22.46 | 22.40 | 22.33 | | |
| 10 | 16QAM | 1 | 0 | 22.39 | 22.48 | 22.30 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.34 | 22.30 | 22.25 | | |
| 10 | 16QAM | 1 | 49 | 22.28 | 22.34 | 22.19 | | |
| 10 | 16QAM | 25 | 0 | 21.45 | 21.59 | 21.58 | 22.6 | 0.9 |
| 10 | 16QAM | 25 | 12 | 21.52 | 21.67 | 21.53 | | |
| 10 | 16QAM | 25 | 25 | 21.37 | 21.58 | 21.43 | | |
| 10 | 16QAM | 50 | 0 | 21.47 | 21.61 | 21.53 | | |
| 10 | 64QAM | 1 | 0 | 21.58 | 21.65 | 21.65 | 22.6 | 0.9 |
| 10 | 64QAM | 1 | 25 | 21.46 | 21.60 | 21.44 | | |
| 10 | 64QAM | 1 | 49 | 21.39 | 21.45 | 21.40 | | |
| 10 | 64QAM | 25 | 0 | 20.67 | 20.67 | 20.57 | 21.6 | 1.9 |
| 10 | 64QAM | 25 | 12 | 20.52 | 20.73 | 20.54 | | |
| 10 | 64QAM | 25 | 25 | 20.42 | 20.57 | 20.45 | | |
| 10 | 64QAM | 50 | 0 | 20.50 | 20.67 | 20.59 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.41 | 22.50 | 22.48 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.46 | 22.43 | 22.33 | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.38 | 22.25 | | |
| 5 | QPSK | 12 | 0 | 22.45 | 22.51 | 22.37 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.22 | 22.25 | 22.17 | | |
| 5 | QPSK | 12 | 13 | 22.29 | 22.46 | 22.25 | | |
| 5 | QPSK | 25 | 0 | 22.42 | 22.48 | 22.44 | | |
| 5 | 16QAM | 1 | 0 | 22.39 | 22.42 | 22.27 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.34 | 22.30 | 22.16 | | |
| 5 | 16QAM | 1 | 24 | 22.28 | 22.31 | 22.13 | | |
| 5 | 16QAM | 12 | 0 | 21.48 | 21.68 | 21.60 | 22.6 | 0.9 |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.60 | 21.63 | | |
| 5 | 16QAM | 12 | 13 | 21.41 | 21.52 | 21.54 | | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.71 | 21.43 | | |
| 5 | 64QAM | 1 | 0 | 21.55 | 21.71 | 21.58 | 22.6 | 0.9 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.55 | 21.39 | | |
| 5 | 64QAM | 1 | 24 | 21.40 | 21.49 | 21.42 | | |
| 5 | 64QAM | 12 | 0 | 20.63 | 20.73 | 20.56 | 21.6 | 1.9 |
| 5 | 64QAM | 12 | 7 | 20.49 | 20.67 | 20.51 | | |
| 5 | 64QAM | 12 | 13 | 20.43 | 20.62 | 20.46 | | |

## Band 41 Ant 1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.32 | 22.41 | 22.66 | 22.45 | 22.50 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.30 | 22.32 | 22.62 | 22.33 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.36 | 22.56 | 22.37 | 22.31 | | |
| 20 | QPSK | 50 | 0 | 22.34 | 22.34 | 22.62 | 22.33 | 22.38 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 22.27 | 22.27 | 22.61 | 22.32 | 22.45 | | |
| 20 | QPSK | 50 | 50 | 22.24 | 22.27 | 22.61 | 22.34 | 22.42 | | |
| 20 | QPSK | 100 | 0 | 22.29 | 22.37 | 22.58 | 22.30 | 22.45 | | |
| 20 | 16QAM | 1 | 0 | 22.22 | 22.30 | 22.54 | 22.31 | 22.45 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.27 | 22.29 | 22.59 | 22.30 | 22.44 | | |
| 20 | 16QAM | 1 | 99 | 22.27 | 22.34 | 22.52 | 22.38 | 22.46 | | |
| 20 | 16QAM | 50 | 0 | 21.59 | 21.61 | 21.68 | 21.57 | 21.60 | 22.7 | 0.8 |
| 20 | 16QAM | 50 | 24 | 21.57 | 21.52 | 21.59 | 21.50 | 21.52 | | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.54 | 21.56 | 21.46 | 21.56 | | |
| 20 | 16QAM | 100 | 0 | 21.56 | 21.52 | 21.66 | 21.60 | 21.61 | | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.76 | 21.84 | 21.74 | 21.81 | 22.7 | 0.8 |
| 20 | 64QAM | 1 | 49 | 21.63 | 21.66 | 21.74 | 21.71 | 21.65 | | |
| 20 | 64QAM | 1 | 99 | 21.62 | 21.70 | 21.70 | 21.61 | 21.65 | | |
| 20 | 64QAM | 50 | 0 | 20.65 | 20.54 | 20.72 | 20.53 | 20.59 | 21.7 | 1.8 |
| 20 | 64QAM | 50 | 24 | 20.53 | 20.48 | 20.59 | 20.43 | 20.47 | | |
| 20 | 64QAM | 50 | 50 | 20.51 | 20.44 | 20.59 | 20.49 | 20.55 | | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.56 | 20.66 | 20.56 | 20.60 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.23 | 22.35 | 22.53 | 22.39 | 22.42 | 23.50 | 0 |
| 15 | QPSK | 1 | 37 | 22.19 | 22.21 | 22.49 | 22.19 | 22.36 | | |
| 15 | QPSK | 1 | 74 | 22.22 | 22.33 | 22.51 | 22.24 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 22.31 | 22.19 | 22.52 | 22.26 | 22.30 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.21 | 22.15 | 22.47 | 22.28 | 22.36 | | |
| 15 | QPSK | 36 | 39 | 22.20 | 22.23 | 22.49 | 22.19 | 22.35 | | |
| 15 | QPSK | 75 | 0 | 22.21 | 22.23 | 22.48 | 22.22 | 22.40 | | |
| 15 | 16QAM | 1 | 0 | 22.09 | 22.17 | 22.50 | 22.17 | 22.40 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.12 | 22.16 | 22.48 | 22.16 | 22.30 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.20 | 22.48 | 22.30 | 22.40 | | |
| 15 | 16QAM | 36 | 0 | 21.50 | 21.47 | 21.63 | 21.42 | 21.50 | 22.7 | 0.8 |
| 15 | 16QAM | 36 | 20 | 21.51 | 21.49 | 21.47 | 21.36 | 21.47 | | |
| 15 | 16QAM | 36 | 39 | 21.47 | 21.45 | 21.52 | 21.33 | 21.47 | | |
| 15 | 16QAM | 75 | 0 | 21.42 | 21.39 | 21.51 | 21.56 | 21.57 | | |
| 15 | 64QAM | 1 | 0 | 21.68 | 21.69 | 21.70 | 21.61 | 21.69 | 22.7 | 0.8 |
| 15 | 64QAM | 1 | 37 | 21.48 | 21.60 | 21.69 | 21.56 | 21.50 | | |
| 15 | 64QAM | 1 | 74 | 21.55 | 21.62 | 21.57 | 21.46 | 21.55 | | |
| 15 | 64QAM | 36 | 0 | 20.60 | 20.41 | 20.69 | 20.45 | 20.47 | 21.7 | 1.8 |
| 15 | 64QAM | 36 | 20 | 20.43 | 20.43 | 20.46 | 20.28 | 20.35 | | |
| 15 | 64QAM | 36 | 39 | 20.47 | 20.30 | 20.52 | 20.36 | 20.42 | | |
| 15 | 64QAM | 75 | 0 | 20.51 | 20.49 | 20.63 | 20.45 | 20.50 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.21 | 22.27 | 22.54 | 22.30 | 22.37 | 23.50 | 0 |
| 10 | QPSK | 1 | 25 | 22.15 | 22.20 | 22.48 | 22.26 | 22.31 | | |
| 10 | QPSK | 1 | 49 | 22.26 | 22.33 | 22.46 | 22.26 | 22.22 | | |
| 10 | QPSK | 25 | 0 | 22.31 | 22.22 | 22.49 | 22.27 | 22.31 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.13 | 22.13 | 22.54 | 22.27 | 22.38 | | |
| 10 | QPSK | 25 | 25 | 22.12 | 22.17 | 22.50 | 22.24 | 22.38 | | |
| 10 | QPSK | 50 | 0 | 22.15 | 22.25 | 22.49 | 22.16 | 22.32 | | |
| 10 | 16QAM | 1 | 0 | 22.15 | 22.18 | 22.48 | 22.23 | 22.33 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.18 | 22.19 | 22.50 | 22.24 | 22.40 | | |
| 10 | 16QAM | 1 | 49 | 22.19 | 22.27 | 22.42 | 22.30 | 22.34 | | |
| 10 | 16QAM | 25 | 0 | 21.53 | 21.54 | 21.55 | 21.45 | 21.56 | 22.7 | 0.8 |
| 10 | 16QAM | 25 | 12 | 21.47 | 21.41 | 21.52 | 21.43 | 21.48 | | |
| 10 | 16QAM | 25 | 25 | 21.40 | 21.51 | 21.45 | 21.36 | 21.52 | | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.42 | 21.62 | 21.51 | 21.53 | | |
| 10 | 64QAM | 1 | 0 | 21.63 | 21.63 | 21.75 | 21.64 | 21.73 | 22.7 | 0.8 |
| 10 | 64QAM | 1 | 25 | 21.52 | 21.62 | 21.69 | 21.66 | 21.62 | | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.60 | 21.59 | 21.57 | 21.50 | | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.48 | 20.66 | 20.48 | 20.47 | 21.7 | 1.8 |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.35 | 20.56 | 20.32 | 20.38 | | |
| 10 | 64QAM | 25 | 25 | 20.41 | 20.29 | 20.49 | 20.35 | 20.48 | | |
| 10 | 64QAM | 50 | 0 | 20.51 | 20.42 | 20.61 | 20.48 | 20.47 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.17 | 22.32 | 22.58 | 22.41 | 22.39 | 23.50 | 0 |
| 5 | QPSK | 1 | 12 | 22.25 | 22.22 | 22.49 | 22.21 | 22.27 | | |
| 5 | QPSK | 1 | 24 | 22.22 | 22.28 | 22.45 | 22.32 | 22.17 | | |
| 5 | QPSK | 12 | 0 | 22.27 | 22.26 | 22.47 | 22.18 | 22.32 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.12 | 22.48 | 22.23 | 22.41 | | |
| 5 | QPSK | 12 | 13 | 22.10 | 22.15 | 22.52 | 22.27 | 22.35 | | |
| 5 | QPSK | 25 | 0 | 22.23 | 22.34 | 22.48 | 22.16 | 22.40 | | |
| 5 | 16QAM | 1 | 0 | 22.10 | 22.18 | 22.49 | 22.21 | 22.34 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.22 | 22.23 | 22.56 | 22.17 | 22.34 | | |
| 5 | 16QAM | 1 | 24 | 22.15 | 22.22 | 22.49 | 22.33 | 22.32 | | |
| 5 | 16QAM | 12 | 0 | 21.53 | 21.54 | 21.60 | 21.49 | 21.49 | 22.7 | 0.8 |
| 5 | 16QAM | 12 | 7 | 21.51 | 21.42 | 21.53 | 21.36 | 21.39 | | |
| 5 | 16QAM | 12 | 13 | 21.40 | 21.40 | 21.51 | 21.32 | 21.50 | | |
| 5 | 16QAM | 25 | 0 | 21.45 | 21.48 | 21.62 | 21.50 | 21.48 | | |
| 5 | 64QAM | 1 | 0 | 21.69 | 21.72 | 21.70 | 21.60 | 21.71 | 22.7 | 0.8 |
| 5 | 64QAM | 1 | 12 | 21.52 | 21.58 | 21.70 | 21.59 | 21.61 | | |
| 5 | 64QAM | 1 | 24 | 21.50 | 21.66 | 21.59 | 21.56 | 21.56 | | |
| 5 | 64QAM | 12 | 0 | 20.52 | 20.43 | 20.59 | 20.42 | 20.55 | 21.7 | 1.8 |
| 5 | 64QAM | 12 | 7 | 20.45 | 20.45 | 20.45 | 20.36 | 20.40 | | |
| 5 | 64QAM | 12 | 13 | 20.39 | 20.36 | 20.45 | 20.44 | 20.44 | | |

**For Ant2**

GSM850 Ant 2 DSI3

| 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 | 30.72 | 30.61 | 30.88 | 31.70 | 21.72 | 21.61 | 21.88 | 22.70 |
| GPRS 1 Tx slot | 30.66 | 30.53 | 30.79 | 31.70 | 21.66 | 21.53 | 21.79 | 22.70 |
| GPRS 2 Tx slots | 27.51 | 27.44 | 27.67 | 28.70 | 21.51 | 21.44 | 21.67 | 22.70 |
| GPRS 3 Tx slots | 25.76 | 25.72 | 26.01 | 26.90 | 21.50 | 21.46 | 21.75 | 22.64 |
| GPRS 4 Tx slots | 24.86 | 25.07 | 24.78 | 25.70 | 21.86 | 22.07 | 21.78 | 22.70 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI3

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.14 | 24.21 | 24.13 | 25.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.23 | 24.34 | 24.27 | 25.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.22 | 21.27 | 21.36 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.25 | 21.36 | 21.37 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.78 | 22.95 | 23.02 | 23.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.79 | 22.85 | 23.11 | 23.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.33 | 21.36 | 21.50 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.35 | 21.43 | 21.57 | 22.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.66 | 22.86 | 22.89 | 23.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.70 | 22.77 | 23.10 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.27 | 21.47 | 21.46 | 22.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.36 | 19.50 | 19.54 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.18 | 20.49 | 20.48 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.27 | 19.45 | 19.46 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.19 | 21.40 | 21.62 | 22.20 |

## Band 5 Ant 2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.26 | 24.31 | 24.21 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.21 | 24.29 | 24.17 | | |
| 10 | QPSK | 1 | 49 | 24.10 | 24.21 | 24.11 | | |
| 10 | QPSK | 25 | 0 | 23.26 | 23.36 | 23.28 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.21 | 23.31 | 23.17 | | |
| 10 | QPSK | 25 | 25 | 23.21 | 23.33 | 23.22 | | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.37 | 23.33 | | |
| 10 | 16QAM | 1 | 0 | 23.30 | 23.34 | 23.27 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.25 | 23.15 | | |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.26 | 23.12 | | |
| 10 | 16QAM | 25 | 0 | 22.29 | 22.36 | 22.22 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.26 | 22.33 | 22.26 | | |
| 10 | 16QAM | 25 | 25 | 22.23 | 22.36 | 22.33 | | |
| 10 | 16QAM | 50 | 0 | 22.25 | 22.35 | 22.28 | | |
| 10 | 64QAM | 1 | 0 | 22.29 | 22.37 | 22.26 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.14 | 22.22 | 22.18 | | |
| 10 | 64QAM | 1 | 49 | 22.13 | 22.27 | 22.23 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.35 | 21.22 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.37 | 21.30 | | |
| 10 | 64QAM | 25 | 25 | 21.29 | 21.43 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.38 | 21.35 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.19 | 24.21 | 24.07 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.15 | 24.26 | 24.13 | | |
| 5 | QPSK | 1 | 24 | 24.02 | 24.12 | 24.05 | | |
| 5 | QPSK | 12 | 0 | 23.19 | 23.30 | 23.24 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.18 | 23.04 | | |
| 5 | QPSK | 12 | 13 | 23.08 | 23.21 | 23.08 | | |
| 5 | QPSK | 25 | 0 | 23.26 | 23.23 | 23.27 | | |
| 5 | 16QAM | 1 | 0 | 23.19 | 23.30 | 23.23 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.21 | 23.11 | | |
| 5 | 16QAM | 1 | 24 | 23.13 | 23.19 | 23.08 | | |
| 5 | 16QAM | 12 | 0 | 22.17 | 22.31 | 22.17 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.16 | 22.22 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.24 | 22.21 | | |
| 5 | 16QAM | 25 | 0 | 22.13 | 22.23 | 22.21 | | |
| 5 | 64QAM | 1 | 0 | 22.22 | 22.26 | 22.22 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.19 | 22.14 | | |
| 5 | 64QAM | 1 | 24 | 22.07 | 22.22 | 22.14 | | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.27 | 21.15 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.19 | 21.25 | 21.24 | | |
| 5 | 64QAM | 12 | 13 | 21.17 | 21.38 | 21.20 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.30 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.18 | 24.19 | 24.07 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 24.08 | 24.21 | 24.04 | | |
| 3 | QPSK | 1 | 14 | 24.06 | 24.13 | 24.07 | | |
| 3 | QPSK | 8 | 0 | 23.21 | 23.25 | 23.14 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 23.11 | 23.27 | 23.02 | | |
| 3 | QPSK | 8 | 7 | 23.08 | 23.26 | 23.18 | | |
| 3 | QPSK | 15 | 0 | 23.19 | 23.22 | 23.20 | | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.21 | 23.21 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.04 | 23.12 | 23.10 | | |
| 3 | 16QAM | 1 | 14 | 23.13 | 23.13 | 23.07 | | |
| 3 | 16QAM | 8 | 0 | 22.16 | 22.26 | 22.08 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 22.17 | 22.18 | 22.18 | | |
| 3 | 16QAM | 8 | 7 | 22.10 | 22.25 | 22.29 | | |
| 3 | 16QAM | 15 | 0 | 22.11 | 22.30 | 22.22 | | |
| 3 | 64QAM | 1 | 0 | 22.26 | 22.30 | 22.15 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.09 | 22.18 | 22.08 | | |
| 3 | 64QAM | 1 | 14 | 22.04 | 22.24 | 22.15 | | |
| 3 | 64QAM | 8 | 0 | 21.20 | 21.27 | 21.14 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.21 | 21.29 | 21.23 | | |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.30 | 21.21 | | |
| 3 | 64QAM | 15 | 0 | 21.26 | 21.28 | 21.30 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.21 | 24.24 | 24.12 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.14 | 24.02 | | |
| 1.4 | QPSK | 1 | 5 | 23.99 | 24.14 | 24.02 | | |
| 1.4 | QPSK | 3 | 0 | 24.16 | 24.24 | 24.08 | | |
| 1.4 | QPSK | 3 | 1 | 24.13 | 24.20 | 24.07 | | |
| 1.4 | QPSK | 3 | 3 | 24.02 | 24.18 | 24.08 | | |
| 1.4 | QPSK | 6 | 0 | 23.21 | 23.22 | 23.21 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.15 | 23.25 | 23.21 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.08 | 23.15 | 23.04 | | |
| 1.4 | 16QAM | 1 | 5 | 23.13 | 23.22 | 22.99 | | |
| 1.4 | 16QAM | 3 | 0 | 23.13 | 23.26 | 23.12 | | |
| 1.4 | 16QAM | 3 | 1 | 23.13 | 23.20 | 23.11 | | |
| 1.4 | 16QAM | 3 | 3 | 23.06 | 23.16 | 23.24 | | |
| 1.4 | 16QAM | 6 | 0 | 22.18 | 22.30 | 22.14 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.24 | 22.33 | 22.23 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.19 | 22.03 | | |
| 1.4 | 64QAM | 1 | 5 | 22.10 | 22.21 | 22.17 | | |
| 1.4 | 64QAM | 3 | 0 | 22.10 | 22.23 | 22.06 | | |
| 1.4 | 64QAM | 3 | 1 | 22.15 | 22.25 | 22.20 | | |
| 1.4 | 64QAM | 3 | 3 | 22.21 | 22.29 | 22.13 | | |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.27 | 21.25 | 22.2 | 3 |

## Band 12 Ant 2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.31 | 24.45 | 24.38 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.25 | 24.36 | 24.33 | | |
| 10 | QPSK | 1 | 49 | 24.18 | 24.32 | 24.26 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.40 | 23.26 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.33 | 23.28 | | |
| 10 | QPSK | 25 | 25 | 23.24 | 23.38 | 23.29 | | |
| 10 | QPSK | 50 | 0 | 23.28 | 23.36 | 23.31 | | |
| 10 | 16QAM | 1 | 0 | 23.46 | 23.51 | 23.36 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.37 | 23.22 | | |
| 10 | 16QAM | 1 | 49 | 23.22 | 23.36 | 23.29 | | |
| 10 | 16QAM | 25 | 0 | 22.31 | 22.42 | 22.38 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.29 | 22.23 | | |
| 10 | 16QAM | 25 | 25 | 22.28 | 22.37 | 22.28 | | |
| 10 | 16QAM | 50 | 0 | 22.19 | 22.33 | 22.18 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.52 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.33 | 22.39 | 22.32 | | |
| 10 | 64QAM | 1 | 49 | 22.34 | 22.43 | 22.30 | | |
| 10 | 64QAM | 25 | 0 | 21.41 | 21.48 | 21.43 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.26 | 21.19 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.36 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.28 | 21.33 | 21.29 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.42 | 24.33 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.19 | 24.33 | 24.20 | | |
| 5 | QPSK | 1 | 24 | 24.11 | 24.19 | 24.19 | | |
| 5 | QPSK | 12 | 0 | 23.23 | 23.34 | 23.15 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.14 | 23.25 | 23.25 | | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.31 | 23.21 | | |
| 5 | QPSK | 25 | 0 | 23.17 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.46 | 23.22 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.23 | 23.26 | 23.07 | | |
| 5 | 16QAM | 1 | 24 | 23.11 | 23.31 | 23.22 | | |
| 5 | 16QAM | 12 | 0 | 22.25 | 22.32 | 22.34 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.12 | 22.16 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.22 | 22.31 | 22.20 | | |
| 5 | 16QAM | 25 | 0 | 22.13 | 22.19 | 22.04 | | |
| 5 | 64QAM | 1 | 0 | 22.37 | 22.44 | 22.40 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.29 | 22.25 | 22.26 | | |
| 5 | 64QAM | 1 | 24 | 22.30 | 22.36 | 22.16 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.43 | 21.33 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.15 | 21.07 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.28 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.22 | 24.35 | 24.24 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 24.17 | 24.32 | 24.24 | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.27 | 24.14 | | |
| 3 | QPSK | 8 | 0 | 23.20 | 23.36 | 23.19 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 23.14 | 23.27 | 23.15 | | |
| 3 | QPSK | 8 | 7 | 23.14 | 23.26 | 23.17 | | |
| 3 | QPSK | 15 | 0 | 23.18 | 23.27 | 23.21 | | |
| 3 | 16QAM | 1 | 0 | 23.37 | 23.46 | 23.22 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.23 | 23.30 | 23.12 | | |
| 3 | 16QAM | 1 | 14 | 23.17 | 23.31 | 23.21 | | |
| 3 | 16QAM | 8 | 0 | 22.26 | 22.37 | 22.30 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 22.08 | 22.21 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.14 | 22.30 | 22.23 | | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.19 | 22.14 | | |
| 3 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.36 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.25 | 22.33 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.30 | 22.30 | 22.26 | | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.40 | 21.38 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.03 | 21.16 | 21.06 | | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.22 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.21 | 21.21 | 21.17 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.24 | 24.30 | 24.25 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.28 | 24.23 | | |
| 1.4 | QPSK | 1 | 5 | 24.05 | 24.21 | 24.22 | | |
| 1.4 | QPSK | 3 | 0 | 24.19 | 24.25 | 24.11 | | |
| 1.4 | QPSK | 3 | 1 | 24.12 | 24.17 | 24.12 | | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.28 | 24.13 | | |
| 1.4 | QPSK | 6 | 0 | 23.14 | 23.29 | 23.22 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.39 | 23.23 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.31 | 23.09 | | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.31 | 23.24 | | |
| 1.4 | 16QAM | 3 | 0 | 23.16 | 23.26 | 23.23 | | |
| 1.4 | 16QAM | 3 | 1 | 23.04 | 23.21 | 23.07 | | |
| 1.4 | 16QAM | 3 | 3 | 23.19 | 23.27 | 23.16 | | |
| 1.4 | 16QAM | 6 | 0 | 22.08 | 22.27 | 22.04 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.40 | 22.39 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 22.23 | 22.35 | 22.21 | | |
| 1.4 | 64QAM | 1 | 5 | 22.23 | 22.32 | 22.21 | | |
| 1.4 | 64QAM | 3 | 0 | 22.25 | 22.40 | 22.29 | | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 22.13 | 22.06 | | |
| 1.4 | 64QAM | 3 | 3 | 22.11 | 22.28 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.26 | 21.19 | 22.2 | 3 |

## Band 13 Ant 2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 23.12 | | 24.2 | 0 |
| 10 | QPSK | 1 | 25 | | 23.01 | | | |
| 10 | QPSK | 1 | 49 | | 23.09 | | | |
| 10 | QPSK | 25 | 0 | | 22.13 | | 23.2 | 1 |
| 10 | QPSK | 25 | 12 | | 22.07 | | | |
| 10 | QPSK | 25 | 25 | | 22.10 | | | |
| 10 | QPSK | 50 | 0 | | 22.20 | | | |
| 10 | 16QAM | 1 | 0 | | 22.14 | | 23.2 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.06 | | | |
| 10 | 16QAM | 1 | 49 | | 22.13 | | | |
| 10 | 16QAM | 25 | 0 | | 21.18 | | 22.2 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.03 | | | |
| 10 | 16QAM | 25 | 25 | | 21.13 | | | |
| 10 | 16QAM | 50 | 0 | | 21.27 | | | |
| 10 | 64QAM | 1 | 0 | | 21.20 | | 22.2 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.13 | | | |
| 10 | 64QAM | 1 | 49 | | 21.14 | | | |
| 10 | 64QAM | 25 | 0 | | 20.23 | | 21.2 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.06 | | | |
| 10 | 64QAM | 25 | 25 | | 20.13 | | | |
| 10 | 64QAM | 50 | 0 | | 20.31 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.94 | 23.04 | 23.01 | 24.2 | 0 |
| 5 | QPSK | 1 | 12 | 22.79 | 22.96 | 22.88 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 23.00 | 22.97 | | |
| 5 | QPSK | 12 | 0 | 21.90 | 22.09 | 22.04 | 23.2 | 1 |
| 5 | QPSK | 12 | 7 | 21.90 | 21.98 | 21.84 | | |
| 5 | QPSK | 12 | 13 | 21.97 | 22.01 | 21.81 | | |
| 5 | QPSK | 25 | 0 | 22.05 | 22.14 | 22.00 | | |
| 5 | 16QAM | 1 | 0 | 22.05 | 22.06 | 21.98 | 23.2 | 1 |
| 5 | 16QAM | 1 | 12 | 21.90 | 21.93 | 21.87 | | |
| 5 | 16QAM | 1 | 24 | 21.99 | 22.09 | 21.93 | | |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.14 | 21.01 | 22.2 | 2 |
| 5 | 16QAM | 12 | 7 | 20.95 | 20.89 | 20.87 | | |
| 5 | 16QAM | 12 | 13 | 20.97 | 21.03 | 20.88 | | |
| 5 | 16QAM | 25 | 0 | 21.03 | 21.21 | 21.08 | | |
| 5 | 64QAM | 1 | 0 | 21.05 | 21.05 | 20.99 | 22.2 | 2 |
| 5 | 64QAM | 1 | 12 | 20.92 | 20.99 | 20.92 | | |
| 5 | 64QAM | 1 | 24 | 21.01 | 21.02 | 20.98 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.15 | 20.07 | 21.2 | 3 |
| 5 | 64QAM | 12 | 7 | 19.82 | 20.02 | 19.87 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.04 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.20 | 20.12 | | |

## Band 17 Ant 2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.40 | 24.36 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 24.24 | 24.30 | 24.18 | | |
| 10 | QPSK | 1 | 49 | 24.11 | 24.26 | 24.18 | | |
| 10 | QPSK | 25 | 0 | 23.37 | 23.42 | 23.32 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.36 | 23.26 | | |
| 10 | QPSK | 25 | 25 | 23.31 | 23.40 | 23.34 | | |
| 10 | QPSK | 50 | 0 | 23.31 | 23.36 | 23.32 | | |
| 10 | 16QAM | 1 | 0 | 23.35 | 23.41 | 23.35 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.23 | 23.28 | 23.18 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.25 | 23.14 | | |
| 10 | 16QAM | 25 | 0 | 22.32 | 22.38 | 22.35 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.24 | 22.32 | 22.22 | | |
| 10 | 16QAM | 25 | 25 | 22.31 | 22.41 | 22.34 | | |
| 10 | 16QAM | 50 | 0 | 22.36 | 22.42 | 22.36 | | |
| 10 | 64QAM | 1 | 0 | 22.40 | 22.46 | 22.43 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.16 | 22.30 | 22.21 | | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.29 | 22.19 | | |
| 10 | 64QAM | 25 | 0 | 21.40 | 21.45 | 21.38 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.38 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.39 | 21.29 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.27 | 24.37 | 24.26 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 24.20 | 24.24 | 24.15 | | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.12 | 24.11 | | |
| 5 | QPSK | 12 | 0 | 23.32 | 23.32 | 23.20 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 23.18 | 23.27 | 23.13 | | |
| 5 | QPSK | 12 | 13 | 23.24 | 23.26 | 23.23 | | |
| 5 | QPSK | 25 | 0 | 23.23 | 23.22 | 23.26 | | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.34 | 23.25 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.17 | 23.05 | | |
| 5 | 16QAM | 1 | 24 | 23.01 | 23.21 | 23.01 | | |
| 5 | 16QAM | 12 | 0 | 22.22 | 22.27 | 22.23 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.25 | 22.13 | | |
| 5 | 16QAM | 12 | 13 | 22.27 | 22.36 | 22.27 | | |
| 5 | 16QAM | 25 | 0 | 22.30 | 22.34 | 22.23 | | |
| 5 | 64QAM | 1 | 0 | 22.26 | 22.35 | 22.38 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.08 | 22.27 | 22.08 | | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.22 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.37 | 21.24 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.33 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.25 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.13 | 21.29 | 21.25 | | |

## Band 26 Ant 2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.26 | 24.38 | 24.12 | 25.2 | 0 |
| 15 | QPSK | 1 | 37 | 24.04 | 24.16 | 24.04 | | |
| 15 | QPSK | 1 | 74 | 24.14 | 24.20 | 24.14 | | |
| 15 | QPSK | 36 | 0 | 23.06 | 23.21 | 23.13 | 24.2 | 1 |
| 15 | QPSK | 36 | 20 | 23.08 | 23.18 | 23.06 | | |
| 15 | QPSK | 36 | 39 | 22.97 | 23.12 | 23.05 | | |
| 15 | QPSK | 75 | 0 | 23.18 | 23.23 | 23.10 | | |
| 15 | 16QAM | 1 | 0 | 23.38 | 23.44 | 23.30 | 24.2 | 1 |
| 15 | 16QAM | 1 | 37 | 23.15 | 23.18 | 23.04 | | |
| 15 | 16QAM | 1 | 74 | 23.19 | 23.23 | 23.09 | | |
| 15 | 16QAM | 36 | 0 | 22.10 | 22.21 | 22.09 | 23.2 | 2 |
| 15 | 16QAM | 36 | 20 | 22.12 | 22.22 | 22.12 | | |
| 15 | 16QAM | 36 | 39 | 22.03 | 22.16 | 22.13 | | |
| 15 | 16QAM | 75 | 0 | 22.07 | 22.19 | 22.13 | | |
| 15 | 64QAM | 1 | 0 | 22.39 | 22.47 | 22.43 | 23.2 | 2 |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.21 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.29 | 22.15 | | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.25 | 21.16 | 22.2 | 3 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.13 | | |
| 15 | 64QAM | 36 | 39 | 21.15 | 21.22 | 21.16 | | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.14 | 21.04 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.14 | 24.30 | 24.09 | 25.2 | 0 |
| 10 | QPSK | 1 | 25 | 23.98 | 24.07 | 23.97 | | |
| 10 | QPSK | 1 | 49 | 24.05 | 24.10 | 24.05 | | |
| 10 | QPSK | 25 | 0 | 22.98 | 23.15 | 23.01 | 24.2 | 1 |
| 10 | QPSK | 25 | 12 | 22.93 | 23.13 | 22.96 | | |
| 10 | QPSK | 25 | 25 | 22.89 | 23.07 | 22.95 | | |
| 10 | QPSK | 50 | 0 | 23.08 | 23.18 | 23.05 | | |
| 10 | 16QAM | 1 | 0 | 23.29 | 23.31 | 23.18 | 24.2 | 1 |
| 10 | 16QAM | 1 | 25 | 23.03 | 23.05 | 22.91 | | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.12 | 23.02 | | |
| 10 | 16QAM | 25 | 0 | 21.99 | 22.16 | 21.99 | 23.2 | 2 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.19 | 22.01 | | |
| 10 | 16QAM | 25 | 25 | 21.98 | 22.12 | 21.99 | | |
| 10 | 16QAM | 50 | 0 | 22.01 | 22.06 | 22.04 | | |
| 10 | 64QAM | 1 | 0 | 22.33 | 22.39 | 22.29 | 23.2 | 2 |
| 10 | 64QAM | 1 | 25 | 22.00 | 22.08 | 21.98 | | |
| 10 | 64QAM | 1 | 49 | 22.11 | 22.18 | 22.06 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.19 | 21.04 | 22.2 | 3 |
| 10 | 64QAM | 25 | 12 | 20.98 | 21.19 | 20.99 | | |
| 10 | 64QAM | 25 | 25 | 21.00 | 21.10 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 21.03 | 21.03 | 20.91 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.15 | 24.23 | 24.01 | 25.2 | 0 |
| 5 | QPSK | 1 | 12 | 23.98 | 24.08 | 23.95 | | |
| 5 | QPSK | 1 | 24 | 24.02 | 24.09 | 24.09 | | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.09 | 24.2 | 1 |
| 5 | QPSK | 12 | 7 | 22.93 | 23.05 | 23.00 | | |
| 5 | QPSK | 12 | 13 | 22.92 | 22.99 | 23.00 | | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.19 | 23.06 | | |
| 5 | 16QAM | 1 | 0 | 23.23 | 23.38 | 23.25 | 24.2 | 1 |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.04 | 22.91 | | |
| 5 | 16QAM | 1 | 24 | 23.08 | 23.09 | 23.00 | | |
| 5 | 16QAM | 12 | 0 | 22.07 | 22.12 | 21.95 | 23.2 | 2 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.09 | 22.02 | | |
| 5 | 16QAM | 12 | 13 | 21.96 | 22.11 | 22.07 | | |
| 5 | 16QAM | 25 | 0 | 21.95 | 22.15 | 22.06 | | |
| 5 | 64QAM | 1 | 0 | 22.34 | 22.36 | 22.29 | 23.2 | 2 |
| 5 | 64QAM | 1 | 12 | 22.04 | 22.09 | 22.02 | | |
| 5 | 64QAM | 1 | 24 | 22.11 | 22.24 | 22.12 | | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 3 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.11 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.17 | 21.10 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.05 | 20.91 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.13 | 24.35 | 24.09 | 25.2 | 0 |
| 3 | QPSK | 1 | 8 | 23.92 | 24.11 | 23.97 | | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.06 | 24.02 | | |
| 3 | QPSK | 8 | 0 | 22.96 | 23.16 | 23.07 | 24.2 | 1 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.06 | 22.95 | | |
| 3 | QPSK | 8 | 7 | 22.93 | 23.00 | 22.99 | | |
| 3 | QPSK | 15 | 0 | 23.10 | 23.18 | 23.07 | | |
| 3 | 16QAM | 1 | 0 | 23.29 | 23.34 | 23.24 | 24.2 | 1 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.14 | 22.97 | | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.16 | 22.95 | | |
| 3 | 16QAM | 8 | 0 | 22.05 | 22.15 | 21.96 | 23.2 | 2 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.09 | 22.02 | | |
| 3 | 16QAM | 8 | 7 | 21.98 | 22.02 | 22.07 | | |
| 3 | 16QAM | 15 | 0 | 21.92 | 22.15 | 22.03 | | |
| 3 | 64QAM | 1 | 0 | 22.32 | 22.32 | 22.36 | 23.2 | 2 |
| 3 | 64QAM | 1 | 8 | 22.03 | 22.13 | 22.01 | | |
| 3 | 64QAM | 1 | 14 | 22.09 | 22.18 | 22.11 | | |
| 3 | 64QAM | 8 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 3 |
| 3 | 64QAM | 8 | 4 | 21.05 | 21.18 | 21.02 | | |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.16 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.07 | 21.08 | 20.93 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.14 | 24.26 | 23.98 | 25.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.96 | 24.03 | 24.00 | | |
| 1.4 | QPSK | 1 | 5 | 24.10 | 24.16 | 24.02 | | |
| 1.4 | QPSK | 3 | 0 | 23.95 | 24.15 | 24.06 | | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.08 | 23.90 | | |
| 1.4 | QPSK | 3 | 3 | 23.87 | 24.06 | 23.91 | | |
| 1.4 | QPSK | 6 | 0 | 23.10 | 23.09 | 23.00 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.27 | 23.34 | 23.18 | 24.2 | 1 |
| 1.4 | 16QAM | 1 | 3 | 23.06 | 23.03 | 22.92 | | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.18 | 22.95 | | |
| 1.4 | 16QAM | 3 | 0 | 23.03 | 23.06 | 23.02 | | |
| 1.4 | 16QAM | 3 | 1 | 23.05 | 23.13 | 23.04 | | |
| 1.4 | 16QAM | 3 | 3 | 22.89 | 22.99 | 23.08 | | |
| 1.4 | 16QAM | 6 | 0 | 22.00 | 22.14 | 22.09 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 0 | 22.26 | 22.36 | 22.32 | 23.2 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.95 | 22.15 | 22.04 | | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.23 | 22.03 | | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.16 | 22.03 | | |
| 1.4 | 64QAM | 3 | 1 | 21.97 | 22.15 | 22.00 | | |
| 1.4 | 64QAM | 3 | 3 | 22.09 | 22.16 | 22.10 | | |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 21.09 | 20.92 | 22.2 | 3 |

For Ant5

## Band 7 ENDC Ant 5 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.43 | 19.60 | 19.48 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 19.51 | 19.54 | 19.43 | | |
| 20 | QPSK | 1 | 99 | 19.38 | 19.47 | 19.34 | | |
| 20 | QPSK | 50 | 0 | 19.44 | 19.57 | 19.45 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 19.44 | 19.54 | 19.47 | | |
| 20 | QPSK | 50 | 50 | 19.42 | 19.51 | 19.44 | | |
| 20 | QPSK | 100 | 0 | 19.45 | 19.55 | 19.46 | | |
| 20 | 16QAM | 1 | 0 | 19.42 | 19.51 | 19.43 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 19.49 | 19.58 | 19.45 | | |
| 20 | 16QAM | 1 | 99 | 19.40 | 19.54 | 19.45 | | |
| 20 | 16QAM | 50 | 0 | 19.47 | 19.51 | 19.39 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 19.45 | 19.49 | 19.36 | | |
| 20 | 16QAM | 50 | 50 | 19.41 | 19.54 | 19.40 | | |
| 20 | 16QAM | 100 | 0 | 19.43 | 19.52 | 19.38 | | |
| 20 | 64QAM | 1 | 0 | 19.51 | 19.58 | 19.45 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 19.52 | 19.55 | 19.49 | | |
| 20 | 64QAM | 1 | 99 | 19.44 | 19.54 | 19.49 | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.57 | 19.45 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.49 | 19.41 | | |
| 20 | 64QAM | 50 | 50 | 19.43 | 19.51 | 19.37 | | |
| 20 | 64QAM | 100 | 0 | 19.49 | 19.55 | 19.43 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.29 | 19.47 | 19.44 | 21.2 | 0 |
| 15 | QPSK | 1 | 37 | 19.40 | 19.40 | 19.38 | | |
| 15 | QPSK | 1 | 74 | 19.31 | 19.44 | 19.27 | | |
| 15 | QPSK | 36 | 0 | 19.35 | 19.46 | 19.38 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 19.38 | 19.50 | 19.36 | | |
| 15 | QPSK | 36 | 39 | 19.34 | 19.40 | 19.29 | | |
| 15 | QPSK | 75 | 0 | 19.34 | 19.52 | 19.39 | | |
| 15 | 16QAM | 1 | 0 | 19.33 | 19.41 | 19.37 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 19.37 | 19.48 | 19.38 | | |
| 15 | 16QAM | 1 | 74 | 19.35 | 19.50 | 19.33 | | |
| 15 | 16QAM | 36 | 0 | 19.36 | 19.41 | 19.35 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.42 | 19.24 | | |
| 15 | 16QAM | 36 | 39 | 19.33 | 19.40 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.49 | 19.35 | | |
| 15 | 64QAM | 1 | 0 | 19.37 | 19.46 | 19.41 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.37 | 19.44 | 19.38 | | |
| 15 | 64QAM | 1 | 74 | 19.34 | 19.50 | 19.40 | | |
| 15 | 64QAM | 36 | 0 | 19.30 | 19.49 | 19.34 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 19.37 | 19.44 | 19.35 | | |
| 15 | 64QAM | 36 | 39 | 19.29 | 19.42 | 19.25 | | |
| 15 | 64QAM | 75 | 0 | 19.40 | 19.48 | 19.32 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.39 | 19.53 | 19.39 | 21.2 | 0 |
| 10 | QPSK | 1 | 25 | 19.41 | 19.48 | 19.33 | | |
| 10 | QPSK | 1 | 49 | 19.29 | 19.34 | 19.29 | | |
| 10 | QPSK | 25 | 0 | 19.35 | 19.48 | 19.34 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 19.40 | 19.44 | 19.37 | | |
| 10 | QPSK | 25 | 25 | 19.30 | 19.37 | 19.35 | | |
| 10 | QPSK | 50 | 0 | 19.42 | 19.50 | 19.32 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.48 | 19.39 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 19.44 | 19.44 | 19.33 | | |
| 10 | 16QAM | 1 | 49 | 19.33 | 19.49 | 19.36 | | |
| 10 | 16QAM | 25 | 0 | 19.36 | 19.37 | 19.26 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 19.38 | 19.36 | 19.33 | | |
| 10 | 16QAM | 25 | 25 | 19.35 | 19.46 | 19.36 | | |
| 10 | 16QAM | 50 | 0 | 19.38 | 19.44 | 19.30 | | |
| 10 | 64QAM | 1 | 0 | 19.46 | 19.47 | 19.38 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.50 | 19.45 | | |
| 10 | 64QAM | 1 | 49 | 19.33 | 19.41 | 19.35 | | |
| 10 | 64QAM | 25 | 0 | 19.39 | 19.52 | 19.37 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 19.33 | 19.34 | 19.30 | | |
| 10 | 64QAM | 25 | 25 | 19.32 | 19.39 | 19.23 | | |
| 10 | 64QAM | 50 | 0 | 19.35 | 19.45 | 19.34 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.32 | 19.54 | 19.38 | 21.2 | 0 |
| 5 | QPSK | 1 | 12 | 19.38 | 19.49 | 19.39 | | |
| 5 | QPSK | 1 | 24 | 19.31 | 19.34 | 19.20 | | |
| 5 | QPSK | 12 | 0 | 19.36 | 19.48 | 19.39 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 19.37 | 19.44 | 19.36 | | |
| 5 | QPSK | 12 | 13 | 19.35 | 19.40 | 19.30 | | |
| 5 | QPSK | 25 | 0 | 19.31 | 19.44 | 19.43 | | |
| 5 | 16QAM | 1 | 0 | 19.37 | 19.46 | 19.30 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 19.43 | 19.54 | 19.31 | | |
| 5 | 16QAM | 1 | 24 | 19.25 | 19.50 | 19.32 | | |
| 5 | 16QAM | 12 | 0 | 19.34 | 19.39 | 19.30 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 19.39 | 19.38 | 19.29 | | |
| 5 | 16QAM | 12 | 13 | 19.33 | 19.46 | 19.31 | | |
| 5 | 16QAM | 25 | 0 | 19.29 | 19.41 | 19.31 | | |
| 5 | 64QAM | 1 | 0 | 19.43 | 19.52 | 19.40 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 19.38 | 19.41 | 19.37 | | |
| 5 | 64QAM | 1 | 24 | 19.37 | 19.47 | 19.44 | | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.43 | 19.31 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 19.29 | 19.45 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.37 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.39 | 19.49 | 19.34 | | |

**For Ant6**

GSM1900 Ant 6 DSI3

| 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 | 26.38 | 26.25 | 26.33 | 27.80 | 17.38 | 17.25 | 17.33 | 18.80 |
| GPRS 1 Tx slot | 26.31 | 26.19 | 26.28 | 27.80 | 17.31 | 17.19 | 17.28 | 18.80 |
| GPRS 2 Tx slots | 23.37 | 23.21 | 23.27 | 24.80 | 17.37 | 17.21 | 17.27 | 18.80 |
| GPRS 3 Tx slots | 21.28 | 21.14 | 21.24 | 23.00 | 17.02 | 16.88 | 16.98 | 18.74 |
| GPRS 4 Tx slots | 20.01 | 20.08 | 20.05 | 21.80 | 17.01 | 17.08 | 17.05 | 18.80 |
| EDGE 1 Tx slot | 25.56 | 25.34 | 25.38 | 27.00 | 16.56 | 16.34 | 16.38 | 18.00 |
| EDGE 2 Tx slots | 22.36 | 22.16 | 22.22 | 24.00 | 16.36 | 16.16 | 16.22 | 18.00 |
| EDGE 3 Tx slots | 20.48 | 20.34 | 20.44 | 22.20 | 16.22 | 16.08 | 16.18 | 17.94 |
| EDGE 4 Tx slots | 19.32 | 19.11 | 19.19 | 21.00 | 16.32 | 16.11 | 16.19 | 18.00 |

WCDMA II Ant 6 DSI3 / WCDMA IV Ant 6 DSI3

| 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 | 20.79 | 20.87 | 20.70 | 22.10 | 22.58 | 22.58 | 22.51 | 23.80 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.89 | 20.94 | 20.85 | 22.10 | 22.61 | 22.66 | 22.64 | 23.80 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.06 | 20.15 | 19.93 | 21.30 | 21.65 | 21.70 | 21.44 | 22.80 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.97 | 20.12 | 19.83 | 21.30 | 21.56 | 21.63 | 21.63 | 22.80 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.38 | 19.45 | 19.18 | 20.60 | 21.09 | 21.24 | 20.98 | 22.30 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.16 | 19.38 | 19.45 | 20.60 | 21.25 | 21.45 | 21.40 | 22.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.07 | 20.24 | 20.10 | 21.30 | 21.47 | 21.69 | 21.64 | 22.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.85 | 19.83 | 19.83 | 21.30 | 21.69 | 21.70 | 21.57 | 22.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.17 | 19.42 | 19.08 | 20.60 | 21.17 | 21.16 | 21.35 | 22.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.22 | 19.16 | 19.07 | 20.60 | 21.21 | 21.05 | 20.88 | 22.30 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.98 | 20.19 | 19.98 | 21.30 | 21.70 | 21.71 | 21.74 | 22.80 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.83 | 16.80 | 16.72 | 18.10 | 19.70 | 19.73 | 19.67 | 20.80 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.73 | 18.00 | 17.95 | 19.10 | 20.65 | 20.72 | 20.50 | 21.80 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.84 | 16.87 | 16.87 | 18.10 | 19.63 | 19.61 | 19.48 | 20.80 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 19.91 | 20.16 | 19.99 | 21.30 | 21.57 | 21.68 | 21.84 | 22.80 |

## Band 2 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.04 | 21.16 | 20.97 | 22.4 | 0 |
| 20 | QPSK | 1 | 49 | 21.00 | 21.05 | 20.97 | | |
| 20 | QPSK | 1 | 99 | 20.97 | 21.01 | 20.96 | | |
| 20 | QPSK | 50 | 0 | 21.09 | 21.12 | 21.02 | 22.4 | 0 |
| 20 | QPSK | 50 | 24 | 20.98 | 21.03 | 20.98 | | |
| 20 | QPSK | 50 | 50 | 20.93 | 21.07 | 21.01 | | |
| 20 | QPSK | 100 | 0 | 20.98 | 21.06 | 20.98 | | |
| 20 | 16QAM | 1 | 0 | 20.99 | 21.12 | 21.09 | 22.4 | 0 |
| 20 | 16QAM | 1 | 49 | 20.84 | 20.98 | 20.85 | | |
| 20 | 16QAM | 1 | 99 | 20.81 | 20.93 | 20.80 | | |
| 20 | 16QAM | 50 | 0 | 20.94 | 21.06 | 20.99 | 22.4 | 0 |
| 20 | 16QAM | 50 | 24 | 20.76 | 20.90 | 20.85 | | |
| 20 | 16QAM | 50 | 50 | 20.88 | 20.93 | 20.83 | | |
| 20 | 16QAM | 100 | 0 | 20.88 | 20.93 | 20.84 | | |
| 20 | 64QAM | 1 | 0 | 20.98 | 21.03 | 20.93 | 22.4 | 0 |
| 20 | 64QAM | 1 | 49 | 20.88 | 20.92 | 20.82 | | |
| 20 | 64QAM | 1 | 99 | 20.82 | 20.97 | 20.93 | | |
| 20 | 64QAM | 50 | 0 | 19.93 | 20.08 | 20.00 | 21.4 | 1 |
| 20 | 64QAM | 50 | 24 | 19.94 | 20.02 | 19.90 | | |
| 20 | 64QAM | 50 | 50 | 19.99 | 20.10 | 19.96 | | |
| 20 | 64QAM | 100 | 0 | 19.94 | 20.05 | 19.96 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.96 | 21.05 | 20.91 | 22.4 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.92 | 20.83 | | |
| 15 | QPSK | 1 | 74 | 20.91 | 20.97 | 20.87 | | |
| 15 | QPSK | 36 | 0 | 21.06 | 21.04 | 20.98 | 22.4 | 0 |
| 15 | QPSK | 36 | 20 | 20.86 | 21.00 | 20.91 | | |
| 15 | QPSK | 36 | 39 | 20.85 | 21.03 | 20.87 | | |
| 15 | QPSK | 75 | 0 | 20.87 | 21.03 | 20.88 | | |
| 15 | 16QAM | 1 | 0 | 20.94 | 21.09 | 20.98 | 22.4 | 0 |
| 15 | 16QAM | 1 | 37 | 20.70 | 20.93 | 20.72 | | |
| 15 | 16QAM | 1 | 74 | 20.77 | 20.84 | 20.66 | | |
| 15 | 16QAM | 36 | 0 | 20.84 | 20.98 | 20.88 | 22.4 | 0 |
| 15 | 16QAM | 36 | 20 | 20.70 | 20.85 | 20.71 | | |
| 15 | 16QAM | 36 | 39 | 20.80 | 20.78 | 20.79 | | |
| 15 | 16QAM | 75 | 0 | 20.84 | 20.78 | 20.77 | | |
| 15 | 64QAM | 1 | 0 | 20.84 | 20.95 | 20.89 | 22.4 | 0 |
| 15 | 64QAM | 1 | 37 | 20.81 | 20.87 | 20.77 | | |
| 15 | 64QAM | 1 | 74 | 20.74 | 20.87 | 20.82 | | |
| 15 | 64QAM | 36 | 0 | 19.79 | 20.01 | 19.87 | 21.4 | 1 |
| 15 | 64QAM | 36 | 20 | 19.85 | 19.94 | 19.87 | | |
| 15 | 64QAM | 36 | 39 | 19.92 | 20.04 | 19.91 | | |
| 15 | 64QAM | 75 | 0 | 19.80 | 19.95 | 19.81 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.96 | 21.11 | 20.90 | 22.4 | 0 |
| 10 | QPSK | 1 | 25 | 20.92 | 21.00 | 20.84 | | |
| 10 | QPSK | 1 | 49 | 20.89 | 20.94 | 20.83 | | |
| 10 | QPSK | 25 | 0 | 21.00 | 21.09 | 20.90 | 22.4 | 0 |
| 10 | QPSK | 25 | 12 | 20.89 | 20.89 | 20.87 | | |
| 10 | QPSK | 25 | 25 | 20.79 | 20.97 | 20.91 | | |
| 10 | QPSK | 50 | 0 | 20.93 | 21.00 | 20.85 | | |
| 10 | 16QAM | 1 | 0 | 20.86 | 21.09 | 21.04 | 22.4 | 0 |
| 10 | 16QAM | 1 | 25 | 20.71 | 20.93 | 20.77 | | |
| 10 | 16QAM | 1 | 49 | 20.70 | 20.87 | 20.69 | | |
| 10 | 16QAM | 25 | 0 | 20.89 | 20.96 | 20.87 | 22.4 | 0 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.85 | 20.77 | | |
| 10 | 16QAM | 25 | 25 | 20.82 | 20.84 | 20.68 | | |
| 10 | 16QAM | 50 | 0 | 20.73 | 20.84 | 20.76 | | |
| 10 | 64QAM | 1 | 0 | 20.87 | 20.91 | 20.79 | 22.4 | 0 |
| 10 | 64QAM | 1 | 25 | 20.79 | 20.86 | 20.73 | | |
| 10 | 64QAM | 1 | 49 | 20.75 | 20.89 | 20.83 | | |
| 10 | 64QAM | 25 | 0 | 19.80 | 19.97 | 19.93 | 21.4 | 1 |
| 10 | 64QAM | 25 | 12 | 19.82 | 19.92 | 19.84 | | |
| 10 | 64QAM | 25 | 25 | 19.91 | 19.95 | 19.90 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.97 | 19.91 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.95 | 21.06 | 20.89 | 22.4 | 0 |
| 5 | QPSK | 1 | 12 | 20.94 | 20.92 | 20.88 | | |
| 5 | QPSK | 1 | 24 | 20.91 | 20.92 | 20.91 | | |
| 5 | QPSK | 12 | 0 | 21.06 | 20.98 | 20.87 | 22.4 | 0 |
| 5 | QPSK | 12 | 7 | 20.95 | 20.91 | 20.88 | | |
| 5 | QPSK | 12 | 13 | 20.89 | 21.01 | 20.95 | | |
| 5 | QPSK | 25 | 0 | 20.84 | 21.02 | 20.85 | | |
| 5 | 16QAM | 1 | 0 | 20.87 | 21.08 | 21.01 | 22.4 | 0 |
| 5 | 16QAM | 1 | 12 | 20.72 | 20.83 | 20.71 | | |
| 5 | 16QAM | 1 | 24 | 20.67 | 20.90 | 20.68 | | |
| 5 | 16QAM | 12 | 0 | 20.86 | 21.01 | 20.92 | 22.4 | 0 |
| 5 | 16QAM | 12 | 7 | 20.64 | 20.81 | 20.80 | | |
| 5 | 16QAM | 12 | 13 | 20.73 | 20.83 | 20.75 | | |
| 5 | 16QAM | 25 | 0 | 20.78 | 20.89 | 20.79 | | |
| 5 | 64QAM | 1 | 0 | 20.85 | 20.95 | 20.83 | 22.4 | 0 |
| 5 | 64QAM | 1 | 12 | 20.79 | 20.78 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.69 | 20.83 | 20.89 | | |
| 5 | 64QAM | 12 | 0 | 19.79 | 20.04 | 19.94 | 21.4 | 1 |
| 5 | 64QAM | 12 | 7 | 19.81 | 19.89 | 19.85 | | |
| 5 | 64QAM | 12 | 13 | 19.95 | 20.03 | 19.84 | | |
| 5 | 64QAM | 25 | 0 | 19.91 | 20.00 | 19.86 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.91 | 21.05 | 20.86 | 22.4 | 0 |
| 3 | QPSK | 1 | 8 | 20.96 | 20.98 | 20.83 | | |
| 3 | QPSK | 1 | 14 | 20.94 | 20.87 | 20.88 | | |
| 3 | QPSK | 8 | 0 | 21.02 | 21.02 | 20.93 | 22.4 | 0 |
| 3 | QPSK | 8 | 4 | 20.86 | 20.92 | 20.92 | | |
| 3 | QPSK | 8 | 7 | 20.82 | 20.97 | 20.97 | | |
| 3 | QPSK | 15 | 0 | 20.92 | 20.92 | 20.90 | | |
| 3 | 16QAM | 1 | 0 | 20.87 | 21.02 | 21.03 | 22.4 | 0 |
| 3 | 16QAM | 1 | 8 | 20.74 | 20.91 | 20.72 | | |
| 3 | 16QAM | 1 | 14 | 20.72 | 20.80 | 20.76 | | |
| 3 | 16QAM | 8 | 0 | 20.90 | 21.01 | 20.95 | 22.4 | 0 |
| 3 | 16QAM | 8 | 4 | 20.62 | 20.81 | 20.78 | | |
| 3 | 16QAM | 8 | 7 | 20.80 | 20.79 | 20.80 | | |
| 3 | 16QAM | 15 | 0 | 20.79 | 20.89 | 20.74 | | |
| 3 | 64QAM | 1 | 0 | 20.83 | 20.95 | 20.88 | 22.4 | 0 |
| 3 | 64QAM | 1 | 8 | 20.81 | 20.86 | 20.69 | | |
| 3 | 64QAM | 1 | 14 | 20.78 | 20.89 | 20.81 | | |
| 3 | 64QAM | 8 | 0 | 19.87 | 20.01 | 19.89 | 21.4 | 1 |
| 3 | 64QAM | 8 | 4 | 19.81 | 19.91 | 19.82 | | |
| 3 | 64QAM | 8 | 7 | 19.87 | 19.98 | 19.89 | | |
| 3 | 64QAM | 15 | 0 | 19.87 | 19.93 | 19.83 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.95 | 21.04 | 20.88 | 22.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.95 | 20.97 | 20.90 | | |
| 1.4 | QPSK | 1 | 5 | 20.84 | 20.95 | 20.82 | | |
| 1.4 | QPSK | 3 | 0 | 21.01 | 21.09 | 20.90 | | |
| 1.4 | QPSK | 3 | 1 | 20.88 | 20.95 | 20.93 | | |
| 1.4 | QPSK | 3 | 3 | 20.89 | 20.97 | 20.87 | | |
| 1.4 | QPSK | 6 | 0 | 20.91 | 20.92 | 20.86 | 22.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.90 | 21.09 | 21.05 | 22.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.71 | 20.95 | 20.73 | | |
| 1.4 | 16QAM | 1 | 5 | 20.68 | 20.86 | 20.75 | | |
| 1.4 | 16QAM | 3 | 0 | 20.80 | 21.01 | 20.88 | | |
| 1.4 | 16QAM | 3 | 1 | 20.67 | 20.78 | 20.76 | | |
| 1.4 | 16QAM | 3 | 3 | 20.81 | 20.83 | 20.73 | | |
| 1.4 | 16QAM | 6 | 0 | 20.82 | 20.79 | 20.76 | 22.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.93 | 20.95 | 20.84 | 22.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.74 | 20.79 | 20.76 | | |
| 1.4 | 64QAM | 1 | 5 | 20.77 | 20.85 | 20.89 | | |
| 1.4 | 64QAM | 3 | 0 | 20.79 | 20.95 | 20.96 | | |
| 1.4 | 64QAM | 3 | 1 | 20.88 | 20.96 | 20.84 | | |
| 1.4 | 64QAM | 3 | 3 | 20.90 | 20.97 | 20.87 | | |
| 1.4 | 64QAM | 6 | 0 | 19.81 | 19.94 | 19.88 | 21.4 | 1 |

## Band 4 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.36 | 22.52 | 22.48 | 23.8 | 0 |
| 20 | QPSK | 1 | 49 | 22.31 | 22.41 | 22.26 | | |
| 20 | QPSK | 1 | 99 | 22.34 | 22.45 | 22.31 | | |
| 20 | QPSK | 50 | 0 | 22.17 | 22.23 | 22.09 | 23.4 | 0.4 |
| 20 | QPSK | 50 | 24 | 22.00 | 22.10 | 22.05 | | |
| 20 | QPSK | 50 | 50 | 22.05 | 22.15 | 22.07 | | |
| 20 | QPSK | 100 | 0 | 22.07 | 22.19 | 22.09 | | |
| 20 | 16QAM | 1 | 0 | 22.26 | 22.36 | 22.33 | 23.4 | 0.4 |
| 20 | 16QAM | 1 | 49 | 22.21 | 22.32 | 22.23 | | |
| 20 | 16QAM | 1 | 99 | 22.22 | 22.25 | 22.18 | | |
| 20 | 16QAM | 50 | 0 | 21.17 | 21.24 | 21.18 | 22.4 | 1.4 |
| 20 | 16QAM | 50 | 24 | 21.08 | 21.21 | 21.09 | | |
| 20 | 16QAM | 50 | 50 | 21.05 | 21.17 | 21.13 | | |
| 20 | 16QAM | 100 | 0 | 21.13 | 21.19 | 21.11 | | |
| 20 | 64QAM | 1 | 0 | 21.22 | 21.31 | 21.26 | 22.4 | 1.4 |
| 20 | 64QAM | 1 | 49 | 21.20 | 21.26 | 21.22 | | |
| 20 | 64QAM | 1 | 99 | 21.15 | 21.23 | 21.14 | | |
| 20 | 64QAM | 50 | 0 | 19.99 | 20.14 | 20.08 | 21.4 | 2.4 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.23 | 20.18 | | |
| 20 | 64QAM | 50 | 50 | 20.07 | 20.11 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 20.01 | 20.10 | 20.00 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.32 | 22.41 | 22.40 | 23.8 | 0 |
| 15 | QPSK | 1 | 37 | 22.19 | 22.26 | 22.22 | | |
| 15 | QPSK | 1 | 74 | 22.30 | 22.38 | 22.16 | | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.10 | 22.03 | 23.4 | 0.4 |
| 15 | QPSK | 36 | 20 | 21.95 | 22.00 | 21.92 | | |
| 15 | QPSK | 36 | 39 | 22.00 | 22.09 | 21.92 | | |
| 15 | QPSK | 75 | 0 | 21.95 | 22.10 | 21.95 | | |
| 15 | 16QAM | 1 | 0 | 22.17 | 22.23 | 22.27 | 23.4 | 0.4 |
| 15 | 16QAM | 1 | 37 | 22.12 | 22.20 | 22.11 | | |
| 15 | 16QAM | 1 | 74 | 22.09 | 22.20 | 22.15 | | |
| 15 | 16QAM | 36 | 0 | 21.02 | 21.13 | 21.14 | 22.4 | 1.4 |
| 15 | 16QAM | 36 | 20 | 20.96 | 21.06 | 20.98 | | |
| 15 | 16QAM | 36 | 39 | 20.97 | 21.08 | 21.01 | | |
| 15 | 16QAM | 75 | 0 | 21.07 | 21.12 | 21.03 | | |
| 15 | 64QAM | 1 | 0 | 21.17 | 21.26 | 21.15 | 22.4 | 1.4 |
| 15 | 64QAM | 1 | 37 | 21.10 | 21.19 | 21.15 | | |
| 15 | 64QAM | 1 | 74 | 21.07 | 21.09 | 21.09 | | |
| 15 | 64QAM | 36 | 0 | 19.94 | 20.07 | 20.00 | 21.4 | 2.4 |
| 15 | 64QAM | 36 | 20 | 20.03 | 20.10 | 20.04 | | |
| 15 | 64QAM | 36 | 39 | 20.02 | 20.04 | 19.94 | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 20.00 | 19.96 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.31 | 22.45 | 22.41 | 23.8 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.30 | 22.22 | | |
| 10 | QPSK | 1 | 49 | 22.25 | 22.40 | 22.25 | | |
| 10 | QPSK | 25 | 0 | 22.13 | 22.10 | 22.02 | 23.4 | 0.4 |
| 10 | QPSK | 25 | 12 | 21.90 | 22.02 | 21.92 | | |
| 10 | QPSK | 25 | 25 | 21.99 | 22.01 | 21.96 | | |
| 10 | QPSK | 50 | 0 | 22.00 | 22.15 | 22.01 | | |
| 10 | 16QAM | 1 | 0 | 22.17 | 22.28 | 22.24 | 23.4 | 0.4 |
| 10 | 16QAM | 1 | 25 | 22.10 | 22.18 | 22.12 | | |
| 10 | 16QAM | 1 | 49 | 22.14 | 22.18 | 22.04 | | |
| 10 | 16QAM | 25 | 0 | 21.07 | 21.20 | 21.06 | 22.4 | 1.4 |
| 10 | 16QAM | 25 | 12 | 20.99 | 21.08 | 21.03 | | |
| 10 | 16QAM | 25 | 25 | 20.96 | 21.06 | 21.01 | | |
| 10 | 16QAM | 50 | 0 | 21.06 | 21.08 | 21.01 | | |
| 10 | 64QAM | 1 | 0 | 21.07 | 21.16 | 21.20 | 22.4 | 1.4 |
| 10 | 64QAM | 1 | 25 | 21.05 | 21.14 | 21.18 | | |
| 10 | 64QAM | 1 | 49 | 21.02 | 21.16 | 21.06 | | |
| 10 | 64QAM | 25 | 0 | 19.95 | 20.08 | 19.99 | 21.4 | 2.4 |
| 10 | 64QAM | 25 | 12 | 20.01 | 20.15 | 20.10 | | |
| 10 | 64QAM | 25 | 25 | 19.92 | 19.97 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 19.94 | 20.02 | 19.94 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.24 | 22.41 | 22.42 | 23.8 | 0 |
| 5 | QPSK | 1 | 12 | 22.20 | 22.37 | 22.20 | | |
| 5 | QPSK | 1 | 24 | 22.24 | 22.41 | 22.17 | | |
| 5 | QPSK | 12 | 0 | 22.03 | 22.15 | 21.99 | 23.4 | 0.4 |
| 5 | QPSK | 12 | 7 | 21.92 | 21.96 | 21.94 | | |
| 5 | QPSK | 12 | 13 | 22.00 | 22.02 | 21.97 | | |
| 5 | QPSK | 25 | 0 | 21.97 | 22.05 | 21.99 | | |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.22 | 22.28 | 23.4 | 0.4 |
| 5 | 16QAM | 1 | 12 | 22.11 | 22.21 | 22.16 | | |
| 5 | 16QAM | 1 | 24 | 22.11 | 22.16 | 22.04 | | |
| 5 | 16QAM | 12 | 0 | 21.05 | 21.15 | 21.10 | 22.4 | 1.4 |
| 5 | 16QAM | 12 | 7 | 20.95 | 21.12 | 21.01 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.07 | 21.04 | | |
| 5 | 16QAM | 25 | 0 | 21.08 | 21.12 | 21.00 | | |
| 5 | 64QAM | 1 | 0 | 21.11 | 21.19 | 21.17 | 22.4 | 1.4 |
| 5 | 64QAM | 1 | 12 | 21.13 | 21.20 | 21.11 | | |
| 5 | 64QAM | 1 | 24 | 21.03 | 21.13 | 21.04 | | |
| 5 | 64QAM | 12 | 0 | 19.93 | 20.09 | 20.01 | 21.4 | 2.4 |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.15 | 20.14 | | |
| 5 | 64QAM | 12 | 13 | 19.93 | 19.97 | 19.92 | | |
| 5 | 64QAM | 25 | 0 | 19.93 | 19.97 | 19.85 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.47 | 22.34 | 23.8 | 0 |
| 3 | QPSK | 1 | 8 | 22.22 | 22.30 | 22.14 | | |
| 3 | QPSK | 1 | 14 | 22.26 | 22.38 | 22.21 | | |
| 3 | QPSK | 8 | 0 | 22.07 | 22.14 | 22.06 | 23.4 | 0.4 |
| 3 | QPSK | 8 | 4 | 21.97 | 21.96 | 21.92 | | |
| 3 | QPSK | 8 | 7 | 22.01 | 22.05 | 22.03 | | |
| 3 | QPSK | 15 | 0 | 21.95 | 22.05 | 21.99 | | |
| 3 | 16QAM | 1 | 0 | 22.14 | 22.32 | 22.22 | 23.4 | 0.4 |
| 3 | 16QAM | 1 | 8 | 22.06 | 22.20 | 22.15 | | |
| 3 | 16QAM | 1 | 14 | 22.10 | 22.11 | 22.04 | | |
| 3 | 16QAM | 8 | 0 | 21.06 | 21.20 | 21.06 | 22.4 | 1.4 |
| 3 | 16QAM | 8 | 4 | 21.02 | 21.17 | 20.95 | | |
| 3 | 16QAM | 8 | 7 | 20.97 | 21.09 | 21.06 | | |
| 3 | 16QAM | 15 | 0 | 21.05 | 21.15 | 21.05 | | |
| 3 | 64QAM | 1 | 0 | 21.14 | 21.20 | 21.14 | 22.4 | 1.4 |
| 3 | 64QAM | 1 | 8 | 21.09 | 21.19 | 21.10 | | |
| 3 | 64QAM | 1 | 14 | 21.06 | 21.11 | 21.03 | | |
| 3 | 64QAM | 8 | 0 | 19.89 | 20.00 | 20.04 | 21.4 | 2.4 |
| 3 | 64QAM | 8 | 4 | 20.04 | 20.19 | 20.14 | | |
| 3 | 64QAM | 8 | 7 | 19.93 | 19.96 | 19.86 | | |
| 3 | 64QAM | 15 | 0 | 19.87 | 19.98 | 19.93 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.31 | 22.38 | 22.34 | 23.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.26 | 22.28 | 22.20 | | |
| 1.4 | QPSK | 1 | 5 | 22.22 | 22.38 | 22.19 | | |
| 1.4 | QPSK | 3 | 0 | 22.24 | 22.38 | 22.14 | | |
| 1.4 | QPSK | 3 | 1 | 22.09 | 22.17 | 22.13 | | |
| 1.4 | QPSK | 3 | 3 | 22.10 | 22.32 | 22.23 | | |
| 1.4 | QPSK | 6 | 0 | 21.97 | 22.11 | 22.00 | 23.4 | 0.4 |
| 1.4 | 16QAM | 1 | 0 | 22.20 | 22.26 | 22.28 | 23.4 | 0.4 |
| 1.4 | 16QAM | 1 | 3 | 22.14 | 22.24 | 22.18 | | |
| 1.4 | 16QAM | 1 | 5 | 22.14 | 22.13 | 22.14 | | |
| 1.4 | 16QAM | 3 | 0 | 22.06 | 22.09 | 22.07 | | |
| 1.4 | 16QAM | 3 | 1 | 21.96 | 22.17 | 21.97 | | |
| 1.4 | 16QAM | 3 | 3 | 21.99 | 22.07 | 22.00 | | |
| 1.4 | 16QAM | 6 | 0 | 21.03 | 21.13 | 21.02 | 22.4 | 1.4 |
| 1.4 | 64QAM | 1 | 0 | 21.08 | 21.24 | 21.18 | 22.4 | 1.4 |
| 1.4 | 64QAM | 1 | 3 | 21.14 | 21.13 | 21.16 | | |
| 1.4 | 64QAM | 1 | 5 | 21.00 | 21.15 | 21.04 | | |
| 1.4 | 64QAM | 3 | 0 | 20.93 | 21.10 | 20.99 | | |
| 1.4 | 64QAM | 3 | 1 | 21.04 | 21.20 | 21.09 | | |
| 1.4 | 64QAM | 3 | 3 | 20.95 | 21.02 | 20.88 | | |
| 1.4 | 64QAM | 6 | 0 | 19.98 | 20.04 | 19.90 | 21.4 | 2.4 |

## Band 7 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 17.96 | 18.06 | 17.95 | 19.1 | 0 |
| 20 | QPSK | 1 | 49 | 17.95 | 18.01 | 17.93 | | |
| 20 | QPSK | 1 | 99 | 17.98 | 18.05 | 17.91 | | |
| 20 | QPSK | 50 | 0 | 17.91 | 18.03 | 17.92 | 19.1 | 0 |
| 20 | QPSK | 50 | 24 | 17.94 | 18.01 | 17.97 | | |
| 20 | QPSK | 50 | 50 | 17.81 | 17.94 | 17.87 | | |
| 20 | QPSK | 100 | 0 | 17.92 | 18.02 | 17.95 | | |
| 20 | 16QAM | 1 | 0 | 17.81 | 17.99 | 17.91 | 19.1 | 0 |
| 20 | 16QAM | 1 | 49 | 17.90 | 17.87 | 17.81 | | |
| 20 | 16QAM | 1 | 99 | 17.92 | 18.01 | 17.80 | | |
| 20 | 16QAM | 50 | 0 | 17.76 | 17.91 | 17.80 | 19.1 | 0 |
| 20 | 16QAM | 50 | 24 | 17.89 | 17.95 | 17.85 | | |
| 20 | 16QAM | 50 | 50 | 17.75 | 17.85 | 17.81 | | |
| 20 | 16QAM | 100 | 0 | 17.88 | 17.92 | 17.82 | | |
| 20 | 64QAM | 1 | 0 | 17.89 | 17.96 | 17.85 | 19.1 | 0 |
| 20 | 64QAM | 1 | 49 | 17.84 | 17.90 | 17.83 | | |
| 20 | 64QAM | 1 | 99 | 17.84 | 17.91 | 17.77 | | |
| 20 | 64QAM | 50 | 0 | 17.87 | 17.93 | 17.87 | 19.1 | 0 |
| 20 | 64QAM | 50 | 24 | 17.80 | 17.90 | 17.84 | | |
| 20 | 64QAM | 50 | 50 | 17.74 | 17.90 | 17.72 | | |
| 20 | 64QAM | 100 | 0 | 17.77 | 17.94 | 17.82 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 17.82 | 17.94 | 17.84 | 19.1 | 0 |
| 15 | QPSK | 1 | 37 | 17.91 | 17.95 | 17.81 | | |
| 15 | QPSK | 1 | 74 | 17.92 | 17.96 | 17.82 | | |
| 15 | QPSK | 36 | 0 | 17.84 | 17.93 | 17.84 | 19.1 | 0 |
| 15 | QPSK | 36 | 20 | 17.84 | 17.90 | 17.92 | | |
| 15 | QPSK | 36 | 39 | 17.72 | 17.82 | 17.78 | | |
| 15 | QPSK | 75 | 0 | 17.81 | 17.97 | 17.90 | | |
| 15 | 16QAM | 1 | 0 | 17.68 | 17.89 | 17.81 | 19.1 | 0 |
| 15 | 16QAM | 1 | 37 | 17.83 | 17.77 | 17.75 | | |
| 15 | 16QAM | 1 | 74 | 17.88 | 17.90 | 17.68 | | |
| 15 | 16QAM | 36 | 0 | 17.62 | 17.76 | 17.70 | 19.1 | 0 |
| 15 | 16QAM | 36 | 20 | 17.78 | 17.81 | 17.79 | | |
| 15 | 16QAM | 36 | 39 | 17.70 | 17.76 | 17.77 | | |
| 15 | 16QAM | 75 | 0 | 17.80 | 17.80 | 17.71 | | |
| 15 | 64QAM | 1 | 0 | 17.83 | 17.84 | 17.73 | 19.1 | 0 |
| 15 | 64QAM | 1 | 37 | 17.78 | 17.78 | 17.76 | | |
| 15 | 64QAM | 1 | 74 | 17.71 | 17.88 | 17.71 | | |
| 15 | 64QAM | 36 | 0 | 17.79 | 17.81 | 17.73 | 19.1 | 0 |
| 15 | 64QAM | 36 | 20 | 17.74 | 17.86 | 17.71 | | |
| 15 | 64QAM | 36 | 39 | 17.66 | 17.78 | 17.58 | | |
| 15 | 64QAM | 75 | 0 | 17.66 | 17.79 | 17.70 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 17.90 | 17.98 | 17.89 | 19.1 | 0 |
| 10 | QPSK | 1 | 25 | 17.89 | 17.91 | 17.86 | | |
| 10 | QPSK | 1 | 49 | 17.90 | 17.98 | 17.86 | | |
| 10 | QPSK | 25 | 0 | 17.85 | 17.94 | 17.84 | 19.1 | 0 |
| 10 | QPSK | 25 | 12 | 17.82 | 17.95 | 17.82 | | |
| 10 | QPSK | 25 | 25 | 17.71 | 17.81 | 17.80 | | |
| 10 | QPSK | 50 | 0 | 17.86 | 17.92 | 17.83 | | |
| 10 | 16QAM | 1 | 0 | 17.69 | 17.86 | 17.82 | 19.1 | 0 |
| 10 | 16QAM | 1 | 25 | 17.84 | 17.83 | 17.75 | | |
| 10 | 16QAM | 1 | 49 | 17.82 | 17.95 | 17.68 | | |
| 10 | 16QAM | 25 | 0 | 17.68 | 17.88 | 17.69 | 19.1 | 0 |
| 10 | 16QAM | 25 | 12 | 17.83 | 17.83 | 17.79 | | |
| 10 | 16QAM | 25 | 25 | 17.63 | 17.74 | 17.77 | | |
| 10 | 16QAM | 50 | 0 | 17.79 | 17.87 | 17.73 | | |
| 10 | 64QAM | 1 | 0 | 17.75 | 17.83 | 17.74 | 19.1 | 0 |
| 10 | 64QAM | 1 | 25 | 17.75 | 17.80 | 17.68 | | |
| 10 | 64QAM | 1 | 49 | 17.79 | 17.78 | 17.64 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 17.81 | 17.76 | 19.1 | 0 |
| 10 | 64QAM | 25 | 12 | 17.76 | 17.82 | 17.74 | | |
| 10 | 64QAM | 25 | 25 | 17.68 | 17.84 | 17.59 | | |
| 10 | 64QAM | 50 | 0 | 17.73 | 17.80 | 17.77 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 17.89 | 17.93 | 17.84 | 19.1 | 0 |
| 5 | QPSK | 1 | 12 | 17.89 | 17.91 | 17.88 | | |
| 5 | QPSK | 1 | 24 | 17.93 | 17.90 | 17.86 | | |
| 5 | QPSK | 12 | 0 | 17.83 | 17.89 | 17.89 | 19.1 | 0 |
| 5 | QPSK | 12 | 7 | 17.88 | 17.95 | 17.86 | | |
| 5 | QPSK | 12 | 13 | 17.73 | 17.90 | 17.76 | | |
| 5 | QPSK | 25 | 0 | 17.84 | 17.98 | 17.82 | | |
| 5 | 16QAM | 1 | 0 | 17.69 | 17.93 | 17.82 | 19.1 | 0 |
| 5 | 16QAM | 1 | 12 | 17.81 | 17.83 | 17.71 | | |
| 5 | 16QAM | 1 | 24 | 17.77 | 17.96 | 17.66 | | |
| 5 | 16QAM | 12 | 0 | 17.70 | 17.77 | 17.69 | 19.1 | 0 |
| 5 | 16QAM | 12 | 7 | 17.85 | 17.81 | 17.77 | | |
| 5 | 16QAM | 12 | 13 | 17.60 | 17.79 | 17.77 | | |
| 5 | 16QAM | 25 | 0 | 17.85 | 17.86 | 17.78 | | |
| 5 | 64QAM | 1 | 0 | 17.74 | 17.90 | 17.73 | 19.1 | 0 |
| 5 | 64QAM | 1 | 12 | 17.73 | 17.81 | 17.72 | | |
| 5 | 64QAM | 1 | 24 | 17.80 | 17.86 | 17.63 | | |
| 5 | 64QAM | 12 | 0 | 17.77 | 17.78 | 17.80 | 19.1 | 0 |
| 5 | 64QAM | 12 | 7 | 17.77 | 17.76 | 17.79 | | |
| 5 | 64QAM | 12 | 13 | 17.68 | 17.79 | 17.66 | | |
| 5 | 64QAM | 25 | 0 | 17.62 | 17.83 | 17.75 | | |

## Band 25 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 21.08 | 21.24 | 20.96 | 22.4 | 0 |
| 20 | QPSK | 1 | 49 | 21.04 | 21.17 | 21.03 | | |
| 20 | QPSK | 1 | 99 | 20.99 | 21.13 | 21.07 | | |
| 20 | QPSK | 50 | 0 | 21.13 | 21.21 | 21.18 | 22.4 | 0 |
| 20 | QPSK | 50 | 24 | 21.06 | 21.15 | 21.08 | | |
| 20 | QPSK | 50 | 50 | 21.07 | 21.18 | 21.11 | | |
| 20 | QPSK | 100 | 0 | 21.17 | 21.22 | 21.14 | | |
| 20 | 16QAM | 1 | 0 | 21.16 | 21.21 | 21.08 | 22.4 | 0 |
| 20 | 16QAM | 1 | 49 | 21.01 | 21.13 | 20.99 | | |
| 20 | 16QAM | 1 | 99 | 20.94 | 21.00 | 20.89 | | |
| 20 | 16QAM | 50 | 0 | 21.11 | 21.17 | 21.07 | 22.4 | 0 |
| 20 | 16QAM | 50 | 24 | 20.98 | 21.04 | 20.94 | | |
| 20 | 16QAM | 50 | 50 | 21.01 | 21.08 | 21.01 | | |
| 20 | 16QAM | 100 | 0 | 21.05 | 21.16 | 21.03 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.15 | 21.01 | 22.4 | 0 |
| 20 | 64QAM | 1 | 49 | 20.94 | 21.03 | 20.93 | | |
| 20 | 64QAM | 1 | 99 | 20.96 | 21.02 | 20.97 | | |
| 20 | 64QAM | 50 | 0 | 20.08 | 20.14 | 20.11 | 21.4 | 1 |
| 20 | 64QAM | 50 | 24 | 19.88 | 20.03 | 19.92 | | |
| 20 | 64QAM | 50 | 50 | 20.02 | 20.09 | 19.94 | | |
| 20 | 64QAM | 100 | 0 | 20.10 | 20.14 | 20.05 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 20.95 | 21.12 | 20.90 | 22.4 | 0 |
| 15 | QPSK | 1 | 37 | 20.92 | 21.06 | 20.97 | | |
| 15 | QPSK | 1 | 74 | 20.84 | 21.05 | 20.94 | | |
| 15 | QPSK | 36 | 0 | 21.07 | 21.11 | 21.05 | 22.4 | 0 |
| 15 | QPSK | 36 | 20 | 21.00 | 21.05 | 20.93 | | |
| 15 | QPSK | 36 | 39 | 20.98 | 21.06 | 21.03 | | |
| 15 | QPSK | 75 | 0 | 21.05 | 21.09 | 21.01 | | |
| 15 | 16QAM | 1 | 0 | 21.12 | 21.18 | 21.01 | 22.4 | 0 |
| 15 | 16QAM | 1 | 37 | 20.88 | 20.99 | 20.92 | | |
| 15 | 16QAM | 1 | 74 | 20.88 | 20.91 | 20.77 | | |
| 15 | 16QAM | 36 | 0 | 21.08 | 21.07 | 21.01 | 22.4 | 0 |
| 15 | 16QAM | 36 | 20 | 20.94 | 20.93 | 20.87 | | |
| 15 | 16QAM | 36 | 39 | 20.91 | 21.00 | 20.88 | | |
| 15 | 16QAM | 75 | 0 | 20.99 | 21.12 | 20.97 | | |
| 15 | 64QAM | 1 | 0 | 20.97 | 21.10 | 20.93 | 22.4 | 0 |
| 15 | 64QAM | 1 | 37 | 20.80 | 20.94 | 20.84 | | |
| 15 | 64QAM | 1 | 74 | 20.82 | 20.94 | 20.86 | | |
| 15 | 64QAM | 36 | 0 | 20.01 | 20.09 | 19.97 | 21.4 | 1 |
| 15 | 64QAM | 36 | 20 | 19.77 | 20.00 | 19.89 | | |
| 15 | 64QAM | 36 | 39 | 19.87 | 20.05 | 19.91 | | |
| 15 | 64QAM | 75 | 0 | 19.98 | 20.08 | 19.92 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 20.98 | 21.20 | 20.91 | 22.4 | 0 |
| 10 | QPSK | 1 | 25 | 20.91 | 21.10 | 20.90 | | |
| 10 | QPSK | 1 | 49 | 20.87 | 21.00 | 20.93 | | |
| 10 | QPSK | 25 | 0 | 21.04 | 21.13 | 21.05 | 22.4 | 0 |
| 10 | QPSK | 25 | 12 | 20.93 | 21.11 | 20.99 | | |
| 10 | QPSK | 25 | 25 | 20.99 | 21.04 | 21.06 | | |
| 10 | QPSK | 50 | 0 | 21.10 | 21.14 | 21.03 | | |
| 10 | 16QAM | 1 | 0 | 21.06 | 21.18 | 21.05 | 22.4 | 0 |
| 10 | 16QAM | 1 | 25 | 20.90 | 21.00 | 20.85 | | |
| 10 | 16QAM | 1 | 49 | 20.80 | 20.89 | 20.82 | | |
| 10 | 16QAM | 25 | 0 | 21.06 | 21.05 | 20.98 | 22.4 | 0 |
| 10 | 16QAM | 25 | 12 | 20.91 | 20.96 | 20.90 | | |
| 10 | 16QAM | 25 | 25 | 20.88 | 21.01 | 20.96 | | |
| 10 | 16QAM | 50 | 0 | 20.94 | 21.12 | 20.90 | | |
| 10 | 64QAM | 1 | 0 | 20.88 | 21.10 | 20.96 | 22.4 | 0 |
| 10 | 64QAM | 1 | 25 | 20.85 | 20.98 | 20.85 | | |
| 10 | 64QAM | 1 | 49 | 20.81 | 20.97 | 20.91 | | |
| 10 | 64QAM | 25 | 0 | 19.93 | 20.03 | 20.07 | 21.4 | 1 |
| 10 | 64QAM | 25 | 12 | 19.75 | 19.93 | 19.85 | | |
| 10 | 64QAM | 25 | 25 | 19.92 | 20.01 | 19.85 | | |
| 10 | 64QAM | 50 | 0 | 20.07 | 20.03 | 19.97 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 20.99 | 21.14 | 20.91 | 22.4 | 0 |
| 5 | QPSK | 1 | 12 | 21.00 | 21.06 | 20.88 | | |
| 5 | QPSK | 1 | 24 | 20.91 | 20.99 | 20.95 | | |
| 5 | QPSK | 12 | 0 | 21.02 | 21.15 | 21.05 | 22.4 | 0 |
| 5 | QPSK | 12 | 7 | 20.99 | 21.02 | 20.96 | | |
| 5 | QPSK | 12 | 13 | 21.02 | 21.03 | 21.07 | | |
| 5 | QPSK | 25 | 0 | 21.05 | 21.11 | 21.03 | | |
| 5 | 16QAM | 1 | 0 | 21.03 | 21.12 | 20.93 | 22.4 | 0 |
| 5 | 16QAM | 1 | 12 | 20.89 | 21.04 | 20.88 | | |
| 5 | 16QAM | 1 | 24 | 20.83 | 20.86 | 20.80 | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.10 | 21.02 | 22.4 | 0 |
| 5 | 16QAM | 12 | 7 | 20.85 | 20.95 | 20.81 | | |
| 5 | 16QAM | 12 | 13 | 20.86 | 21.00 | 20.93 | | |
| 5 | 16QAM | 25 | 0 | 20.96 | 21.07 | 20.98 | | |
| 5 | 64QAM | 1 | 0 | 20.89 | 21.04 | 20.95 | 22.4 | 0 |
| 5 | 64QAM | 1 | 12 | 20.85 | 20.95 | 20.89 | | |
| 5 | 64QAM | 1 | 24 | 20.93 | 20.91 | 20.82 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 20.07 | 20.03 | 21.4 | 1 |
| 5 | 64QAM | 12 | 7 | 19.82 | 19.99 | 19.84 | | |
| 5 | 64QAM | 12 | 13 | 19.95 | 20.06 | 19.91 | | |
| 5 | 64QAM | 25 | 0 | 20.04 | 20.10 | 19.91 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 21.03 | 21.17 | 20.91 | 22.4 | 0 |
| 3 | QPSK | 1 | 8 | 20.89 | 21.11 | 20.91 | | |
| 3 | QPSK | 1 | 14 | 20.88 | 21.08 | 21.00 | | |
| 3 | QPSK | 8 | 0 | 21.06 | 21.07 | 21.09 | 22.4 | 0 |
| 3 | QPSK | 8 | 4 | 21.02 | 21.09 | 20.98 | | |
| 3 | QPSK | 8 | 7 | 21.03 | 21.05 | 20.99 | | |
| 3 | QPSK | 15 | 0 | 21.12 | 21.12 | 21.03 | | |
| 3 | 16QAM | 1 | 0 | 21.13 | 21.17 | 20.97 | 22.4 | 0 |
| 3 | 16QAM | 1 | 8 | 20.88 | 21.06 | 20.96 | | |
| 3 | 16QAM | 1 | 14 | 20.84 | 20.94 | 20.84 | | |
| 3 | 16QAM | 8 | 0 | 21.07 | 21.04 | 20.99 | 22.4 | 0 |
| 3 | 16QAM | 8 | 4 | 20.93 | 20.93 | 20.86 | | |
| 3 | 16QAM | 8 | 7 | 20.95 | 21.03 | 20.98 | | |
| 3 | 16QAM | 15 | 0 | 20.97 | 21.01 | 20.99 | | |
| 3 | 64QAM | 1 | 0 | 20.93 | 21.03 | 20.93 | 22.4 | 0 |
| 3 | 64QAM | 1 | 8 | 20.90 | 20.97 | 20.89 | | |
| 3 | 64QAM | 1 | 14 | 20.90 | 20.91 | 20.85 | | |
| 3 | 64QAM | 8 | 0 | 20.01 | 20.06 | 20.03 | 21.4 | 1 |
| 3 | 64QAM | 8 | 4 | 19.85 | 19.98 | 19.83 | | |
| 3 | 64QAM | 8 | 7 | 19.96 | 20.01 | 19.90 | | |
| 3 | 64QAM | 15 | 0 | 20.04 | 20.08 | 19.93 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.05 | 21.19 | 20.83 | 22.4 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.00 | 21.10 | 20.92 | | |
| 1.4 | QPSK | 1 | 5 | 20.85 | 21.08 | 20.95 | | |
| 1.4 | QPSK | 3 | 0 | 21.06 | 21.15 | 21.11 | | |
| 1.4 | QPSK | 3 | 1 | 20.94 | 21.12 | 20.99 | | |
| 1.4 | QPSK | 3 | 3 | 21.02 | 21.12 | 21.00 | | |
| 1.4 | QPSK | 6 | 0 | 21.13 | 21.11 | 21.03 | 22.4 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.03 | 21.09 | 20.94 | 22.4 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.90 | 21.08 | 20.84 | | |
| 1.4 | 16QAM | 1 | 5 | 20.84 | 20.93 | 20.76 | | |
| 1.4 | 16QAM | 3 | 0 | 20.97 | 21.08 | 20.96 | | |
| 1.4 | 16QAM | 3 | 1 | 20.93 | 20.96 | 20.87 | | |
| 1.4 | 16QAM | 3 | 3 | 20.91 | 20.98 | 20.86 | | |
| 1.4 | 16QAM | 6 | 0 | 20.94 | 21.11 | 20.95 | 22.4 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.91 | 21.00 | 20.89 | 22.4 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.85 | 20.93 | 20.81 | | |
| 1.4 | 64QAM | 1 | 5 | 20.92 | 20.89 | 20.83 | | |
| 1.4 | 64QAM | 3 | 0 | 21.02 | 20.99 | 21.01 | | |
| 1.4 | 64QAM | 3 | 1 | 20.81 | 20.90 | 20.80 | | |
| 1.4 | 64QAM | 3 | 3 | 20.88 | 21.00 | 20.83 | | |
| 1.4 | 64QAM | 6 | 0 | 20.02 | 20.05 | 19.90 | 21.4 | 1 |

## Band 66 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.52 | 22.57 | 22.44 | 23.8 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.42 | 22.29 | | |
| 20 | QPSK | 1 | 99 | 22.25 | 22.39 | 22.27 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.17 | 22.02 | 23.4 | 0.4 |
| 20 | QPSK | 50 | 24 | 21.95 | 22.10 | 22.03 | | |
| 20 | QPSK | 50 | 50 | 22.05 | 22.13 | 22.06 | | |
| 20 | QPSK | 100 | 0 | 21.91 | 22.05 | 21.96 | | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.16 | 22.13 | 23.4 | 0.4 |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.12 | 22.00 | | |
| 20 | 16QAM | 1 | 99 | 22.03 | 22.13 | 22.07 | | |
| 20 | 16QAM | 50 | 0 | 21.14 | 21.21 | 21.12 | 22.4 | 1.4 |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.15 | 21.08 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.20 | 21.09 | | |
| 20 | 16QAM | 100 | 0 | 20.98 | 21.06 | 20.98 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.18 | 21.08 | 22.4 | 1.4 |
| 20 | 64QAM | 1 | 49 | 21.19 | 21.26 | 21.22 | | |
| 20 | 64QAM | 1 | 99 | 21.09 | 21.21 | 21.13 | | |
| 20 | 64QAM | 50 | 0 | 20.02 | 20.16 | 20.09 | 21.4 | 2.4 |
| 20 | 64QAM | 50 | 24 | 19.98 | 20.11 | 20.02 | | |
| 20 | 64QAM | 50 | 50 | 20.12 | 20.17 | 20.12 | | |
| 20 | 64QAM | 100 | 0 | 20.03 | 20.11 | 20.05 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.46 | 22.52 | 22.30 | 23.8 | 0 |
| 15 | QPSK | 1 | 37 | 22.23 | 22.34 | 22.26 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.35 | 22.24 | | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.11 | 21.91 | 23.4 | 0.4 |
| 15 | QPSK | 36 | 20 | 21.89 | 22.00 | 21.97 | | |
| 15 | QPSK | 36 | 39 | 21.90 | 22.08 | 21.94 | | |
| 15 | QPSK | 75 | 0 | 21.77 | 21.99 | 21.83 | | |
| 15 | 16QAM | 1 | 0 | 22.02 | 22.12 | 22.01 | 23.4 | 0.4 |
| 15 | 16QAM | 1 | 37 | 21.87 | 22.07 | 21.86 | | |
| 15 | 16QAM | 1 | 74 | 21.98 | 22.02 | 21.94 | | |
| 15 | 16QAM | 36 | 0 | 21.07 | 21.13 | 21.08 | 22.4 | 1.4 |
| 15 | 16QAM | 36 | 20 | 20.89 | 21.09 | 20.94 | | |
| 15 | 16QAM | 36 | 39 | 21.02 | 21.08 | 21.05 | | |
| 15 | 16QAM | 75 | 0 | 20.86 | 20.97 | 20.95 | | |
| 15 | 64QAM | 1 | 0 | 20.90 | 21.06 | 21.00 | 22.4 | 1.4 |
| 15 | 64QAM | 1 | 37 | 21.04 | 21.14 | 21.08 | | |
| 15 | 64QAM | 1 | 74 | 21.05 | 21.14 | 21.06 | | |
| 15 | 64QAM | 36 | 0 | 19.87 | 20.07 | 19.96 | 21.4 | 2.4 |
| 15 | 64QAM | 36 | 20 | 19.83 | 20.02 | 19.97 | | |
| 15 | 64QAM | 36 | 39 | 19.99 | 20.07 | 20.06 | | |
| 15 | 64QAM | 75 | 0 | 19.98 | 20.05 | 19.98 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.49 | 22.50 | 22.30 | 23.8 | 0 |
| 10 | QPSK | 1 | 25 | 22.27 | 22.35 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.15 | 22.28 | 22.12 | | |
| 10 | QPSK | 25 | 0 | 22.06 | 22.13 | 21.98 | 23.4 | 0.4 |
| 10 | QPSK | 25 | 12 | 21.83 | 22.02 | 21.96 | | |
| 10 | QPSK | 25 | 25 | 22.00 | 22.04 | 21.92 | | |
| 10 | QPSK | 50 | 0 | 21.88 | 21.90 | 21.86 | | |
| 10 | 16QAM | 1 | 0 | 21.94 | 22.09 | 22.01 | 23.4 | 0.4 |
| 10 | 16QAM | 1 | 25 | 21.93 | 22.03 | 21.91 | | |
| 10 | 16QAM | 1 | 49 | 21.88 | 22.00 | 21.98 | | |
| 10 | 16QAM | 25 | 0 | 21.06 | 21.08 | 20.98 | 22.4 | 1.4 |
| 10 | 16QAM | 25 | 12 | 20.99 | 21.12 | 20.97 | | |
| 10 | 16QAM | 25 | 25 | 21.10 | 21.05 | 21.00 | | |
| 10 | 16QAM | 50 | 0 | 20.91 | 20.94 | 20.85 | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 21.14 | 21.00 | 22.4 | 1.4 |
| 10 | 64QAM | 1 | 25 | 21.08 | 21.15 | 21.17 | | |
| 10 | 64QAM | 1 | 49 | 21.01 | 21.14 | 21.04 | | |
| 10 | 64QAM | 25 | 0 | 19.96 | 20.11 | 20.04 | 21.4 | 2.4 |
| 10 | 64QAM | 25 | 12 | 19.93 | 19.98 | 19.97 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.12 | 20.05 | | |
| 10 | 64QAM | 50 | 0 | 19.99 | 20.01 | 20.01 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.48 | 22.47 | 22.30 | 23.8 | 0 |
| 5 | QPSK | 1 | 12 | 22.32 | 22.37 | 22.24 | | |
| 5 | QPSK | 1 | 24 | 22.21 | 22.31 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 22.04 | 22.05 | 21.98 | 23.4 | 0.4 |
| 5 | QPSK | 12 | 7 | 21.87 | 22.03 | 21.91 | | |
| 5 | QPSK | 12 | 13 | 21.99 | 22.01 | 21.93 | | |
| 5 | QPSK | 25 | 0 | 21.79 | 21.95 | 21.88 | | |
| 5 | 16QAM | 1 | 0 | 21.93 | 22.08 | 22.10 | 23.4 | 0.4 |
| 5 | 16QAM | 1 | 12 | 21.97 | 22.04 | 21.88 | | |
| 5 | 16QAM | 1 | 24 | 21.97 | 22.09 | 21.94 | | |
| 5 | 16QAM | 12 | 0 | 21.05 | 21.13 | 20.98 | 22.4 | 1.4 |
| 5 | 16QAM | 12 | 7 | 20.97 | 21.02 | 21.02 | | |
| 5 | 16QAM | 12 | 13 | 21.01 | 21.08 | 20.97 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.97 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 20.98 | 21.14 | 20.96 | 22.4 | 1.4 |
| 5 | 64QAM | 1 | 12 | 21.07 | 21.20 | 21.08 | | |
| 5 | 64QAM | 1 | 24 | 20.96 | 21.14 | 21.10 | | |
| 5 | 64QAM | 12 | 0 | 19.97 | 20.08 | 19.96 | 21.4 | 2.4 |
| 5 | 64QAM | 12 | 7 | 19.91 | 20.02 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 20.07 | 20.06 | 20.04 | | |
| 5 | 64QAM | 25 | 0 | 19.92 | 20.05 | 20.02 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.44 | 22.47 | 22.33 | 23.8 | 0 |
| 3 | QPSK | 1 | 8 | 22.25 | 22.37 | 22.21 | | |
| 3 | QPSK | 1 | 14 | 22.21 | 22.26 | 22.23 | | |
| 3 | QPSK | 8 | 0 | 22.03 | 22.10 | 21.95 | 23.4 | 0.4 |
| 3 | QPSK | 8 | 4 | 21.80 | 21.99 | 21.91 | | |
| 3 | QPSK | 8 | 7 | 21.96 | 22.01 | 21.92 | | |
| 3 | QPSK | 15 | 0 | 21.78 | 21.98 | 21.88 | | |
| 3 | 16QAM | 1 | 0 | 21.98 | 22.10 | 22.09 | 23.4 | 0.4 |
| 3 | 16QAM | 1 | 8 | 21.97 | 22.06 | 21.93 | | |
| 3 | 16QAM | 1 | 14 | 22.00 | 22.03 | 21.95 | | |
| 3 | 16QAM | 8 | 0 | 21.06 | 21.15 | 21.09 | 22.4 | 1.4 |
| 3 | 16QAM | 8 | 4 | 20.92 | 21.12 | 20.96 | | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.09 | 20.98 | | |
| 3 | 16QAM | 15 | 0 | 20.94 | 20.93 | 20.92 | | |
| 3 | 64QAM | 1 | 0 | 20.91 | 21.07 | 20.94 | 22.4 | 1.4 |
| 3 | 64QAM | 1 | 8 | 21.10 | 21.19 | 21.10 | | |
| 3 | 64QAM | 1 | 14 | 21.02 | 21.10 | 21.00 | | |
| 3 | 64QAM | 8 | 0 | 19.91 | 20.06 | 20.01 | 21.4 | 2.4 |
| 3 | 64QAM | 8 | 4 | 19.92 | 20.06 | 19.93 | | |
| 3 | 64QAM | 8 | 7 | 20.05 | 20.04 | 20.05 | | |
| 3 | 64QAM | 15 | 0 | 19.99 | 20.01 | 19.97 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.38 | 22.47 | 22.30 | 23.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.31 | 22.38 | 22.24 | | |
| 1.4 | QPSK | 1 | 5 | 22.16 | 22.34 | 22.20 | | |
| 1.4 | QPSK | 3 | 0 | 22.34 | 22.40 | 22.25 | | |
| 1.4 | QPSK | 3 | 1 | 22.13 | 22.28 | 22.30 | | |
| 1.4 | QPSK | 3 | 3 | 22.22 | 22.33 | 22.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.76 | 21.91 | 21.90 | 23.8 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.94 | 22.02 | 22.07 | 23.8 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.92 | 22.00 | 21.89 | | |
| 1.4 | 16QAM | 1 | 5 | 21.95 | 22.02 | 21.98 | | |
| 1.4 | 16QAM | 3 | 0 | 22.10 | 22.11 | 22.06 | | |
| 1.4 | 16QAM | 3 | 1 | 21.89 | 22.10 | 21.97 | | |
| 1.4 | 16QAM | 3 | 3 | 22.01 | 22.08 | 22.02 | | |
| 1.4 | 16QAM | 6 | 0 | 20.87 | 21.01 | 20.85 | 23.8 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.90 | 21.11 | 21.05 | 23.8 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.06 | 21.18 | 21.19 | | |
| 1.4 | 64QAM | 1 | 5 | 20.95 | 21.14 | 21.01 | | |
| 1.4 | 64QAM | 3 | 0 | 20.87 | 21.06 | 20.96 | | |
| 1.4 | 64QAM | 3 | 1 | 20.88 | 21.07 | 20.92 | | |
| 1.4 | 64QAM | 3 | 3 | 20.98 | 21.09 | 21.01 | | |
| 1.4 | 64QAM | 6 | 0 | 19.93 | 20.05 | 20.00 | 22.8 | 1 |

## Band 38 Ant 6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.36 | 19.43 | 19.33 | 20.3 | 0 |
| 20 | QPSK | 1 | 49 | 19.28 | 19.32 | 19.24 | | |
| 20 | QPSK | 1 | 99 | 19.26 | 19.31 | 19.22 | | |
| 20 | QPSK | 50 | 0 | 19.27 | 19.40 | 19.29 | 20.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.26 | 19.36 | 19.23 | | |
| 20 | QPSK | 50 | 50 | 19.25 | 19.34 | 19.19 | | |
| 20 | QPSK | 100 | 0 | 19.23 | 19.35 | 19.28 | | |
| 20 | 16QAM | 1 | 0 | 19.23 | 19.35 | 19.30 | 20.3 | 0 |
| 20 | 16QAM | 1 | 49 | 19.14 | 19.21 | 19.09 | | |
| 20 | 16QAM | 1 | 99 | 19.08 | 19.20 | 19.06 | | |
| 20 | 16QAM | 50 | 0 | 19.16 | 19.29 | 19.16 | 20.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.19 | 19.28 | 19.18 | | |
| 20 | 16QAM | 50 | 50 | 19.13 | 19.27 | 19.22 | | |
| 20 | 16QAM | 100 | 0 | 19.14 | 19.23 | 19.11 | | |
| 20 | 64QAM | 1 | 0 | 19.26 | 19.33 | 19.19 | 20.3 | 0 |
| 20 | 64QAM | 1 | 49 | 19.08 | 19.18 | 19.09 | | |
| 20 | 64QAM | 1 | 99 | 19.24 | 19.33 | 19.21 | | |
| 20 | 64QAM | 50 | 0 | 19.14 | 19.18 | 19.08 | 20.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.21 | 19.27 | 19.21 | | |
| 20 | 64QAM | 50 | 50 | 19.19 | 19.31 | 19.19 | | |
| 20 | 64QAM | 100 | 0 | 19.17 | 19.23 | 19.16 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.24 | 19.34 | 19.20 | 20.3 | 0 |
| 15 | QPSK | 1 | 37 | 19.14 | 19.20 | 19.14 | | |
| 15 | QPSK | 1 | 74 | 19.18 | 19.25 | 19.13 | | |
| 15 | QPSK | 36 | 0 | 19.22 | 19.26 | 19.18 | 20.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.16 | 19.30 | 19.19 | | |
| 15 | QPSK | 36 | 39 | 19.11 | 19.28 | 19.09 | | |
| 15 | QPSK | 75 | 0 | 19.19 | 19.29 | 19.17 | | |
| 15 | 16QAM | 1 | 0 | 19.08 | 19.22 | 19.17 | 20.3 | 0 |
| 15 | 16QAM | 1 | 37 | 19.10 | 19.16 | 19.03 | | |
| 15 | 16QAM | 1 | 74 | 19.01 | 19.14 | 18.96 | | |
| 15 | 16QAM | 36 | 0 | 19.07 | 19.24 | 19.05 | 20.3 | 0 |
| 15 | 16QAM | 36 | 20 | 19.07 | 19.16 | 19.07 | | |
| 15 | 16QAM | 36 | 39 | 19.01 | 19.17 | 19.13 | | |
| 15 | 16QAM | 75 | 0 | 19.01 | 19.12 | 18.96 | | |
| 15 | 64QAM | 1 | 0 | 19.12 | 19.29 | 19.10 | 20.3 | 0 |
| 15 | 64QAM | 1 | 37 | 19.00 | 19.12 | 18.98 | | |
| 15 | 64QAM | 1 | 74 | 19.20 | 19.25 | 19.17 | | |
| 15 | 64QAM | 36 | 0 | 19.03 | 19.13 | 19.04 | 20.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.15 | 19.21 | 19.08 | | |
| 15 | 64QAM | 36 | 39 | 19.12 | 19.23 | 19.06 | | |
| 15 | 64QAM | 75 | 0 | 19.12 | 19.10 | 19.05 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.31 | 19.38 | 19.29 | 20.3 | 0 |
| 10 | QPSK | 1 | 25 | 19.24 | 19.19 | 19.11 | | |
| 10 | QPSK | 1 | 49 | 19.13 | 19.18 | 19.18 | | |
| 10 | QPSK | 25 | 0 | 19.16 | 19.32 | 19.18 | 20.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.12 | 19.27 | 19.10 | | |
| 10 | QPSK | 25 | 25 | 19.11 | 19.31 | 19.16 | | |
| 10 | QPSK | 50 | 0 | 19.11 | 19.21 | 19.15 | | |
| 10 | 16QAM | 1 | 0 | 19.12 | 19.25 | 19.15 | 20.3 | 0 |
| 10 | 16QAM | 1 | 25 | 19.00 | 19.08 | 18.96 | | |
| 10 | 16QAM | 1 | 49 | 19.02 | 19.14 | 18.97 | | |
| 10 | 16QAM | 25 | 0 | 19.12 | 19.22 | 19.05 | 20.3 | 0 |
| 10 | 16QAM | 25 | 12 | 19.11 | 19.21 | 19.12 | | |
| 10 | 16QAM | 25 | 25 | 19.03 | 19.23 | 19.14 | | |
| 10 | 16QAM | 50 | 0 | 19.09 | 19.15 | 18.98 | | |
| 10 | 64QAM | 1 | 0 | 19.18 | 19.21 | 19.09 | 20.3 | 0 |
| 10 | 64QAM | 1 | 25 | 18.95 | 19.15 | 19.04 | | |
| 10 | 64QAM | 1 | 49 | 19.12 | 19.27 | 19.15 | | |
| 10 | 64QAM | 25 | 0 | 19.01 | 19.14 | 19.00 | 20.3 | 0 |
| 10 | 64QAM | 25 | 12 | 19.18 | 19.16 | 19.14 | | |
| 10 | 64QAM | 25 | 25 | 19.06 | 19.20 | 19.16 | | |
| 10 | 64QAM | 50 | 0 | 19.09 | 19.10 | 19.04 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.22 | 19.39 | 19.24 | 20.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.14 | 19.29 | 19.17 | | |
| 5 | QPSK | 1 | 24 | 19.20 | 19.18 | 19.08 | | |
| 5 | QPSK | 12 | 0 | 19.20 | 19.26 | 19.21 | 20.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.14 | 19.22 | 19.12 | | |
| 5 | QPSK | 12 | 13 | 19.15 | 19.21 | 19.06 | | |
| 5 | QPSK | 25 | 0 | 19.10 | 19.32 | 19.17 | | |
| 5 | 16QAM | 1 | 0 | 19.14 | 19.25 | 19.17 | 20.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.00 | 19.09 | 18.94 | | |
| 5 | 16QAM | 1 | 24 | 18.97 | 19.16 | 18.96 | | |
| 5 | 16QAM | 12 | 0 | 19.09 | 19.22 | 19.12 | 20.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.06 | 19.14 | 19.08 | | |
| 5 | 16QAM | 12 | 13 | 18.99 | 19.20 | 19.15 | | |
| 5 | 16QAM | 25 | 0 | 19.07 | 19.17 | 19.03 | | |
| 5 | 64QAM | 1 | 0 | 19.15 | 19.20 | 19.10 | 20.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.00 | 19.14 | 19.01 | | |
| 5 | 64QAM | 1 | 24 | 19.18 | 19.23 | 19.10 | | |
| 5 | 64QAM | 12 | 0 | 19.00 | 19.05 | 19.01 | 20.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.12 | 19.18 | 19.09 | | |
| 5 | 64QAM | 12 | 13 | 19.16 | 19.26 | 19.11 | | |

## Band 41 Ant 6 DSI3

| 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 | 19.21 | 19.11 | 19.29 | 19.26 | 19.23 | 20.3 | 0 |
| 20 | QPSK | 1 | 49 | 18.98 | 18.90 | 19.04 | 18.94 | 18.96 | | |
| 20 | QPSK | 1 | 99 | 19.02 | 18.98 | 19.12 | 18.99 | 19.06 | | |
| 20 | QPSK | 50 | 0 | 19.13 | 19.15 | 19.25 | 19.22 | 19.22 | 20.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.16 | 19.09 | 19.21 | 19.12 | 19.11 | | |
| 20 | QPSK | 50 | 50 | 19.14 | 19.15 | 19.24 | 19.16 | 19.16 | | |
| 20 | QPSK | 100 | 0 | 19.14 | 19.21 | 19.27 | 19.21 | 19.20 | | |
| 20 | 16QAM | 1 | 0 | 19.14 | 19.06 | 19.17 | 19.04 | 19.12 | 20.3 | 0 |
| 20 | 16QAM | 1 | 49 | 18.93 | 18.83 | 18.98 | 18.95 | 18.89 | | |
| 20 | 16QAM | 1 | 99 | 18.90 | 18.96 | 19.01 | 18.91 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 19.17 | 19.16 | 19.21 | 19.12 | 19.14 | 20.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.04 | 18.98 | 19.10 | 18.99 | 18.98 | | |
| 20 | 16QAM | 50 | 50 | 19.11 | 19.00 | 19.14 | 19.07 | 19.04 | | |
| 20 | 16QAM | 100 | 0 | 19.15 | 19.06 | 19.20 | 19.09 | 19.14 | | |
| 20 | 64QAM | 1 | 0 | 19.15 | 19.10 | 19.22 | 19.12 | 19.18 | 20.3 | 0 |
| 20 | 64QAM | 1 | 49 | 18.90 | 18.87 | 18.92 | 18.91 | 18.88 | | |
| 20 | 64QAM | 1 | 99 | 18.92 | 18.89 | 19.01 | 18.88 | 18.90 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.11 | 19.20 | 19.16 | 19.14 | 20.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.09 | 19.05 | 19.16 | 19.04 | 19.12 | | |
| 20 | 64QAM | 50 | 50 | 19.04 | 18.95 | 19.10 | 19.04 | 18.96 | | |
| 20 | 64QAM | 100 | 0 | 19.10 | 19.09 | 19.23 | 19.14 | 19.08 | | |
| 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 | 19.07 | 18.97 | 19.24 | 19.15 | 19.18 | 20.30 | 0 |
| 15 | QPSK | 1 | 37 | 18.89 | 18.79 | 18.96 | 18.85 | 18.90 | | |
| 15 | QPSK | 1 | 74 | 18.89 | 18.92 | 18.99 | 18.95 | 19.00 | | |
| 15 | QPSK | 36 | 0 | 19.08 | 19.06 | 19.17 | 19.09 | 19.18 | 20.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.03 | 18.98 | 19.14 | 19.01 | 19.04 | | |
| 15 | QPSK | 36 | 39 | 19.07 | 19.08 | 19.20 | 19.12 | 19.03 | | |
| 15 | QPSK | 75 | 0 | 19.10 | 19.08 | 19.22 | 19.12 | 19.07 | | |
| 15 | 16QAM | 1 | 0 | 19.00 | 18.94 | 19.04 | 18.92 | 19.04 | 20.3 | 0 |
| 15 | 16QAM | 1 | 37 | 18.88 | 18.76 | 18.84 | 18.90 | 18.84 | | |
| 15 | 16QAM | 1 | 74 | 18.76 | 18.92 | 18.94 | 18.84 | 18.75 | | |
| 15 | 16QAM | 36 | 0 | 19.04 | 19.03 | 19.07 | 19.06 | 19.09 | 20.3 | 0 |
| 15 | 16QAM | 36 | 20 | 18.89 | 18.87 | 18.97 | 18.86 | 18.87 | | |
| 15 | 16QAM | 36 | 39 | 18.98 | 18.96 | 19.11 | 19.02 | 19.00 | | |
| 15 | 16QAM | 75 | 0 | 19.09 | 19.00 | 19.06 | 19.06 | 19.02 | | |
| 15 | 64QAM | 1 | 0 | 19.00 | 19.03 | 19.08 | 19.04 | 19.08 | 20.3 | 0 |
| 15 | 64QAM | 1 | 37 | 18.73 | 18.70 | 18.84 | 18.77 | 18.81 | | |
| 15 | 64QAM | 1 | 74 | 18.78 | 18.77 | 18.91 | 18.76 | 18.86 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.01 | 19.13 | 19.11 | 19.00 | 20.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.04 | 18.98 | 19.10 | 18.98 | 19.08 | | |
| 15 | 64QAM | 36 | 39 | 18.99 | 18.89 | 19.04 | 18.96 | 18.85 | | |
| 15 | 64QAM | 75 | 0 | 18.96 | 18.97 | 19.11 | 19.03 | 19.00 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.12 | 18.98 | 19.16 | 19.13 | 19.18 | 20.30 | 0 |
| 10 | QPSK | 1 | 25 | 18.88 | 18.80 | 18.92 | 18.85 | 18.89 | | |
| 10 | QPSK | 1 | 49 | 18.98 | 18.90 | 19.04 | 18.92 | 18.98 | | |
| 10 | QPSK | 25 | 0 | 19.01 | 19.10 | 19.20 | 19.07 | 19.16 | 20.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.10 | 19.05 | 19.13 | 19.00 | 19.03 | | |
| 10 | QPSK | 25 | 25 | 19.11 | 19.08 | 19.12 | 19.07 | 19.06 | | |
| 10 | QPSK | 50 | 0 | 19.05 | 19.16 | 19.12 | 19.12 | 19.13 | | |
| 10 | 16QAM | 1 | 0 | 19.04 | 18.94 | 19.05 | 18.89 | 19.02 | 20.3 | 0 |
| 10 | 16QAM | 1 | 25 | 18.87 | 18.78 | 18.88 | 18.90 | 18.85 | | |
| 10 | 16QAM | 1 | 49 | 18.80 | 18.87 | 18.96 | 18.86 | 18.78 | | |
| 10 | 16QAM | 25 | 0 | 19.07 | 19.13 | 19.13 | 18.97 | 19.11 | 20.3 | 0 |
| 10 | 16QAM | 25 | 12 | 18.91 | 18.88 | 18.97 | 18.84 | 18.91 | | |
| 10 | 16QAM | 25 | 25 | 19.05 | 18.94 | 19.00 | 18.96 | 19.00 | | |
| 10 | 16QAM | 50 | 0 | 19.11 | 18.97 | 19.11 | 19.02 | 19.03 | | |
| 10 | 64QAM | 1 | 0 | 19.06 | 18.98 | 19.11 | 19.06 | 19.12 | 20.3 | 0 |
| 10 | 64QAM | 1 | 25 | 18.78 | 18.86 | 18.77 | 18.79 | 18.82 | | |
| 10 | 64QAM | 1 | 49 | 18.86 | 18.84 | 18.87 | 18.76 | 18.75 | | |
| 10 | 64QAM | 25 | 0 | 19.00 | 18.97 | 19.08 | 19.12 | 19.06 | 20.3 | 0 |
| 10 | 64QAM | 25 | 12 | 18.97 | 18.99 | 19.11 | 18.89 | 19.01 | | |
| 10 | 64QAM | 25 | 25 | 18.92 | 18.88 | 18.98 | 18.98 | 18.92 | | |
| 10 | 64QAM | 50 | 0 | 18.97 | 19.04 | 19.08 | 19.04 | 18.95 | | |
| 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 | 19.18 | 19.06 | 19.19 | 19.19 | 19.11 | 20.30 | 0 |
| 5 | QPSK | 1 | 12 | 18.84 | 18.86 | 18.99 | 18.87 | 18.92 | | |
| 5 | QPSK | 1 | 24 | 18.97 | 18.92 | 18.98 | 18.92 | 18.98 | | |
| 5 | QPSK | 12 | 0 | 19.07 | 19.04 | 19.16 | 19.10 | 19.08 | 20.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.09 | 18.96 | 19.10 | 19.03 | 19.03 | | |
| 5 | QPSK | 12 | 13 | 19.05 | 19.08 | 19.19 | 19.01 | 19.02 | | |
| 5 | QPSK | 25 | 0 | 19.05 | 19.10 | 19.24 | 19.09 | 19.09 | | |
| 5 | 16QAM | 1 | 0 | 19.01 | 18.96 | 19.08 | 18.93 | 19.04 | 20.3 | 0 |
| 5 | 16QAM | 1 | 12 | 18.80 | 18.70 | 18.89 | 18.82 | 18.81 | | |
| 5 | 16QAM | 1 | 24 | 18.81 | 18.84 | 18.92 | 18.78 | 18.80 | | |
| 5 | 16QAM | 12 | 0 | 19.03 | 19.06 | 19.14 | 18.99 | 19.03 | 20.3 | 0 |
| 5 | 16QAM | 12 | 7 | 18.95 | 18.86 | 18.95 | 18.86 | 18.84 | | |
| 5 | 16QAM | 12 | 13 | 19.02 | 18.95 | 19.06 | 18.95 | 18.99 | | |
| 5 | 16QAM | 25 | 0 | 19.04 | 18.94 | 19.09 | 18.98 | 19.03 | | |
| 5 | 64QAM | 1 | 0 | 19.01 | 18.97 | 19.05 | 19.02 | 19.03 | 20.3 | 0 |
| 5 | 64QAM | 1 | 12 | 18.68 | 18.72 | 18.86 | 18.76 | 18.84 | | |
| 5 | 64QAM | 1 | 24 | 18.81 | 18.76 | 18.89 | 18.74 | 18.87 | | |
| 5 | 64QAM | 12 | 0 | 19.01 | 18.96 | 19.08 | 19.03 | 19.02 | 20.3 | 0 |
| 5 | 64QAM | 12 | 7 | 18.94 | 19.00 | 19.11 | 18.99 | 19.02 | | |
| 5 | 64QAM | 12 | 13 | 18.92 | 18.84 | 19.05 | 18.96 | 18.87 | | |

# Reduced Power Level for DSI 5

GSM850 Ant 0 DSI5

| 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 | 29.99 | 30.23 | 30.21 | 31.30 | 20.99 | 21.23 | 21.21 | 22.30 |
| GPRS 1 Tx slot | 29.95 | 30.00 | 30.25 | 31.30 | 20.95 | 21.00 | 21.25 | 22.30 |
| GPRS 2 Tx slots | 26.38 | 26.50 | 26.52 | 28.30 | 20.38 | 20.50 | 20.52 | 22.30 |
| GPRS 3 Tx slots | 24.60 | 24.67 | 24.67 | 26.50 | 20.34 | 20.41 | 20.41 | 22.24 |
| GPRS 4 Tx slots | 23.31 | 23.43 | 23.37 | 25.30 | 20.31 | 20.43 | 20.37 | 22.30 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI5

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.49 | 21.62 | 21.47 | 22.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.58 | 21.68 | 21.53 | 22.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.14 | 18.29 | 18.28 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.21 | 18.32 | 18.33 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.74 | 19.79 | 19.78 | 20.80 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.69 | 19.89 | 19.78 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.12 | 18.46 | 18.27 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.20 | 18.33 | 18.36 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.77 | 19.88 | 19.84 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.79 | 19.88 | 19.88 | 20.80 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.25 | 18.28 | 18.24 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.15 | 16.37 | 16.29 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.19 | 17.35 | 17.39 | 18.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.21 | 16.34 | 16.25 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.24 | 18.38 | 18.33 | 19.30 |

## Band 5 Ant 0 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.38 | 21.20 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.22 | 21.18 | 21.16 | | |
| 10 | QPSK | 1 | 49 | 21.27 | 21.28 | 21.10 | | |
| 10 | QPSK | 25 | 0 | 21.27 | 21.33 | 21.23 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.20 | 21.20 | 21.12 | | |
| 10 | QPSK | 25 | 25 | 21.27 | 21.23 | 21.21 | | |
| 10 | QPSK | 50 | 0 | 21.28 | 21.29 | 21.26 | | |
| 10 | 16QAM | 1 | 0 | 21.15 | 21.20 | 21.23 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.27 | 21.33 | 21.14 | | |
| 10 | 16QAM | 1 | 49 | 21.32 | 21.31 | 21.30 | | |
| 10 | 16QAM | 25 | 0 | 21.19 | 21.25 | 21.19 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.22 | 21.18 | | |
| 10 | 16QAM | 25 | 25 | 21.20 | 21.29 | 21.32 | | |
| 10 | 16QAM | 50 | 0 | 21.18 | 21.23 | 21.14 | | |
| 10 | 64QAM | 1 | 0 | 21.21 | 21.26 | 21.08 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.32 | 21.32 | 21.28 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.25 | 21.16 | | |
| 10 | 64QAM | 25 | 0 | 21.13 | 21.22 | 21.13 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.34 | 21.25 | | |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.29 | 21.08 | | |
| 10 | 64QAM | 50 | 0 | 21.20 | 21.23 | 21.08 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.12 | 21.30 | 21.14 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.11 | 21.12 | 21.06 | | |
| 5 | QPSK | 1 | 24 | 21.17 | 21.13 | 20.97 | | |
| 5 | QPSK | 12 | 0 | 21.13 | 21.24 | 21.20 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.11 | 21.05 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.09 | 21.13 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.21 | 21.16 | | |
| 5 | 16QAM | 1 | 0 | 21.01 | 21.07 | 21.09 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.22 | 21.28 | 21.08 | | |
| 5 | 16QAM | 1 | 24 | 21.20 | 21.16 | 21.18 | | |
| 5 | 16QAM | 12 | 0 | 21.07 | 21.16 | 21.08 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.11 | 21.13 | 21.09 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.24 | 21.17 | | |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.18 | 21.04 | | |
| 5 | 64QAM | 1 | 0 | 21.15 | 21.21 | 20.96 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.27 | 21.18 | 21.15 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.17 | 21.07 | | |
| 5 | 64QAM | 12 | 0 | 21.08 | 21.11 | 21.02 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.11 | 21.19 | 21.12 | | |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.19 | 20.96 | | |
| 5 | 64QAM | 25 | 0 | 21.08 | 21.13 | 21.04 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.19 | 21.28 | 21.05 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.18 | 21.12 | 21.01 | | |
| 3 | QPSK | 1 | 14 | 21.15 | 21.22 | 21.07 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.20 | 21.14 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.13 | 21.12 | 21.05 | | |
| 3 | QPSK | 8 | 7 | 21.17 | 21.09 | 21.17 | | |
| 3 | QPSK | 15 | 0 | 21.20 | 21.25 | 21.22 | | |
| 3 | 16QAM | 1 | 0 | 21.11 | 21.14 | 21.17 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.16 | 21.24 | 21.06 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.22 | 21.23 | | |
| 3 | 16QAM | 8 | 0 | 21.15 | 21.17 | 21.12 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.14 | 21.18 | 21.10 | | |
| 3 | 16QAM | 8 | 7 | 21.15 | 21.16 | 21.23 | | |
| 3 | 16QAM | 15 | 0 | 21.10 | 21.10 | 21.03 | | |
| 3 | 64QAM | 1 | 0 | 21.11 | 21.12 | 20.96 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.26 | 21.19 | 21.22 | | |
| 3 | 64QAM | 1 | 14 | 21.16 | 21.19 | 21.10 | | |
| 3 | 64QAM | 8 | 0 | 21.02 | 21.15 | 21.09 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.17 | 21.23 | 21.11 | | |
| 3 | 64QAM | 8 | 7 | 21.01 | 21.22 | 21.03 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.10 | 20.96 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.10 | 21.24 | 21.05 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.08 | 21.06 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.21 | 21.18 | 21.03 | | |
| 1.4 | QPSK | 3 | 0 | 21.23 | 21.18 | 21.13 | | |
| 1.4 | QPSK | 3 | 1 | 21.08 | 21.16 | 20.97 | | |
| 1.4 | QPSK | 3 | 3 | 21.16 | 21.19 | 21.12 | | |
| 1.4 | QPSK | 6 | 0 | 21.22 | 21.19 | 21.19 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.06 | 21.13 | 21.15 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.15 | 21.20 | 21.07 | | |
| 1.4 | 16QAM | 1 | 5 | 21.22 | 21.28 | 21.17 | | |
| 1.4 | 16QAM | 3 | 0 | 21.14 | 21.16 | 21.08 | | |
| 1.4 | 16QAM | 3 | 1 | 21.16 | 21.08 | 21.12 | | |
| 1.4 | 16QAM | 3 | 3 | 21.06 | 21.25 | 21.19 | | |
| 1.4 | 16QAM | 6 | 0 | 21.15 | 21.15 | 21.02 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.12 | 21.17 | 20.98 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.21 | 21.23 | | |
| 1.4 | 64QAM | 1 | 5 | 21.18 | 21.13 | 21.08 | | |
| 1.4 | 64QAM | 3 | 0 | 21.04 | 21.17 | 21.00 | | |
| 1.4 | 64QAM | 3 | 1 | 21.14 | 21.24 | 21.20 | | |
| 1.4 | 64QAM | 3 | 3 | 21.12 | 21.24 | 21.04 | | |
| 1.4 | 64QAM | 6 | 0 | 21.06 | 21.17 | 20.97 | 22.3 | 0 |

## Band 12 Ant 0 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.37 | 21.53 | 21.30 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.31 | 21.32 | 21.28 | | |
| 10 | QPSK | 1 | 49 | 21.36 | 21.45 | 21.17 | | |
| 10 | QPSK | 25 | 0 | 21.35 | 21.46 | 21.31 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.36 | 21.29 | 21.18 | | |
| 10 | QPSK | 25 | 25 | 21.43 | 21.35 | 21.30 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.45 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.22 | 21.28 | 21.37 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.40 | 21.48 | 21.31 | | |
| 10 | 16QAM | 1 | 49 | 21.48 | 21.47 | 21.36 | | |
| 10 | 16QAM | 25 | 0 | 21.31 | 21.41 | 21.28 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.28 | 21.30 | 21.31 | | |
| 10 | 16QAM | 25 | 25 | 21.33 | 21.43 | 21.47 | | |
| 10 | 16QAM | 50 | 0 | 21.26 | 21.32 | 21.23 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.37 | 21.16 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.43 | 21.45 | 21.42 | | |
| 10 | 64QAM | 1 | 49 | 21.37 | 21.35 | 21.26 | | |
| 10 | 64QAM | 25 | 0 | 21.23 | 21.36 | 21.26 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.41 | 21.35 | | |
| 10 | 64QAM | 25 | 25 | 21.29 | 21.43 | 21.14 | | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.29 | 21.15 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.30 | 21.46 | 21.22 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.18 | 21.17 | 21.08 | | |
| 5 | QPSK | 1 | 24 | 21.30 | 21.29 | 21.07 | | |
| 5 | QPSK | 12 | 0 | 21.36 | 21.31 | 21.22 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.23 | 21.12 | 21.09 | | |
| 5 | QPSK | 12 | 13 | 21.34 | 21.27 | 21.23 | | |
| 5 | QPSK | 25 | 0 | 21.29 | 21.23 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.18 | 21.24 | 21.23 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.27 | 21.32 | 21.17 | | |
| 5 | 16QAM | 1 | 24 | 21.32 | 21.29 | 21.30 | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.29 | 21.16 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.18 | 21.13 | 21.18 | | |
| 5 | 16QAM | 12 | 13 | 21.15 | 21.32 | 21.41 | | |
| 5 | 16QAM | 25 | 0 | 21.24 | 21.21 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.10 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.25 | 21.27 | 21.23 | | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.27 | 21.19 | | |
| 5 | 64QAM | 12 | 0 | 21.17 | 21.32 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.34 | 21.40 | 21.29 | | |
| 5 | 64QAM | 12 | 13 | 21.23 | 21.31 | 21.13 | | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.23 | 21.12 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.32 | 21.42 | 21.21 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.22 | 21.18 | 21.15 | | |
| 3 | QPSK | 1 | 14 | 21.26 | 21.30 | 21.09 | | |
| 3 | QPSK | 8 | 0 | 21.37 | 21.36 | 21.24 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.17 | 21.14 | 21.21 | | |
| 3 | QPSK | 8 | 7 | 21.37 | 21.30 | 21.22 | | |
| 3 | QPSK | 15 | 0 | 21.33 | 21.28 | 21.28 | | |
| 3 | 16QAM | 1 | 0 | 21.20 | 21.18 | 21.27 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.30 | 21.28 | 21.17 | | |
| 3 | 16QAM | 1 | 14 | 21.25 | 21.27 | 21.35 | | |
| 3 | 16QAM | 8 | 0 | 21.22 | 21.28 | 21.16 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.23 | 21.19 | | |
| 3 | 16QAM | 8 | 7 | 21.19 | 21.38 | 21.34 | | |
| 3 | 16QAM | 15 | 0 | 21.24 | 21.30 | 21.20 | | |
| 3 | 64QAM | 1 | 0 | 21.20 | 21.24 | 21.10 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.32 | 21.24 | 21.28 | | |
| 3 | 64QAM | 1 | 14 | 21.18 | 21.20 | 21.18 | | |
| 3 | 64QAM | 8 | 0 | 21.13 | 21.33 | 21.05 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.30 | 21.39 | 21.24 | | |
| 3 | 64QAM | 8 | 7 | 21.20 | 21.31 | 21.12 | | |
| 3 | 64QAM | 15 | 0 | 21.25 | 21.20 | 21.21 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.21 | 21.38 | 21.28 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.26 | 21.18 | 21.12 | | |
| 1.4 | QPSK | 1 | 5 | 21.24 | 21.27 | 21.03 | | |
| 1.4 | QPSK | 3 | 0 | 21.28 | 21.33 | 21.27 | | |
| 1.4 | QPSK | 3 | 1 | 21.13 | 21.14 | 21.17 | | |
| 1.4 | QPSK | 3 | 3 | 21.30 | 21.30 | 21.21 | | |
| 1.4 | QPSK | 6 | 0 | 21.34 | 21.30 | 21.27 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.17 | 21.27 | 21.23 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.29 | 21.29 | 21.16 | | |
| 1.4 | 16QAM | 1 | 5 | 21.24 | 21.26 | 21.39 | | |
| 1.4 | 16QAM | 3 | 0 | 21.17 | 21.29 | 21.23 | | |
| 1.4 | 16QAM | 3 | 1 | 21.21 | 21.19 | 21.25 | | |
| 1.4 | 16QAM | 3 | 3 | 21.18 | 21.40 | 21.30 | | |
| 1.4 | 16QAM | 6 | 0 | 21.14 | 21.29 | 21.10 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.22 | 21.26 | 21.04 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.25 | 21.34 | 21.27 | | |
| 1.4 | 64QAM | 1 | 5 | 21.19 | 21.22 | 21.16 | | |
| 1.4 | 64QAM | 3 | 0 | 21.09 | 21.33 | 21.10 | | |
| 1.4 | 64QAM | 3 | 1 | 21.30 | 21.32 | 21.24 | | |
| 1.4 | 64QAM | 3 | 3 | 21.20 | 21.32 | 21.11 | | |
| 1.4 | 64QAM | 6 | 0 | 21.22 | 21.17 | 21.16 | 22.3 | 0 |

## Band 13 Ant 0 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 20.17 | | 21.3 | 0 |
| 10 | QPSK | 1 | 25 | | 19.99 | | | |
| 10 | QPSK | 1 | 49 | | 20.13 | | | |
| 10 | QPSK | 25 | 0 | | 20.12 | | 21.3 | 0 |
| 10 | QPSK | 25 | 12 | | 19.95 | | | |
| 10 | QPSK | 25 | 25 | | 19.99 | | | |
| 10 | QPSK | 50 | 0 | | 20.08 | | | |
| 10 | 16QAM | 1 | 0 | | 20.02 | | 21.3 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.07 | | | |
| 10 | 16QAM | 1 | 49 | | 20.11 | | | |
| 10 | 16QAM | 25 | 0 | | 20.05 | | 21.3 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.06 | | | |
| 10 | 16QAM | 25 | 25 | | 20.07 | | | |
| 10 | 16QAM | 50 | 0 | | 20.01 | | | |
| 10 | 64QAM | 1 | 0 | | 20.13 | | 21.3 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.11 | | | |
| 10 | 64QAM | 1 | 49 | | 20.04 | | | |
| 10 | 64QAM | 25 | 0 | | 20.00 | | 21.3 | 0 |
| 10 | 64QAM | 25 | 12 | | 20.16 | | | |
| 10 | 64QAM | 25 | 25 | | 20.10 | | | |
| 10 | 64QAM | 50 | 0 | | 19.99 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 19.96 | 20.05 | 19.91 | 21.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.89 | 19.86 | 19.89 | | |
| 5 | QPSK | 1 | 24 | 20.03 | 20.00 | 19.90 | | |
| 5 | QPSK | 12 | 0 | 19.94 | 20.05 | 19.92 | 21.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.88 | 19.91 | 19.78 | | |
| 5 | QPSK | 12 | 13 | 19.98 | 19.97 | 19.83 | | |
| 5 | QPSK | 25 | 0 | 20.01 | 19.99 | 20.02 | | |
| 5 | 16QAM | 1 | 0 | 19.87 | 19.96 | 19.94 | 21.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.99 | 20.10 | 19.78 | | |
| 5 | 16QAM | 1 | 24 | 20.00 | 19.99 | 20.05 | | |
| 5 | 16QAM | 12 | 0 | 19.88 | 19.96 | 19.85 | 21.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.90 | 19.95 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.97 | 20.10 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.98 | 19.93 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.99 | 19.73 | 21.3 | 0 |
| 5 | 64QAM | 1 | 12 | 20.13 | 20.06 | 19.96 | | |
| 5 | 64QAM | 1 | 24 | 19.90 | 20.02 | 19.85 | | |
| 5 | 64QAM | 12 | 0 | 19.80 | 19.89 | 19.82 | 21.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.91 | 20.05 | 19.92 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.92 | 19.77 | | |
| 5 | 64QAM | 25 | 0 | 20.00 | 19.86 | 19.77 | | |

## Band 17 Ant 0 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.39 | 21.49 | 21.25 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.22 | 21.34 | 21.23 | | |
| 10 | QPSK | 1 | 49 | 21.38 | 21.46 | 21.24 | | |
| 10 | QPSK | 25 | 0 | 21.36 | 21.38 | 21.24 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.23 | 21.30 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.29 | 21.28 | 21.25 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.34 | 21.25 | | |
| 10 | 16QAM | 1 | 0 | 21.12 | 21.29 | 21.29 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.34 | 21.39 | 21.21 | | |
| 10 | 16QAM | 1 | 49 | 21.41 | 21.45 | 21.37 | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.38 | 21.28 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.19 | 21.30 | 21.25 | | |
| 10 | 16QAM | 25 | 25 | 21.27 | 21.41 | 21.42 | | |
| 10 | 16QAM | 50 | 0 | 21.22 | 21.33 | 21.16 | | |
| 10 | 64QAM | 1 | 0 | 21.34 | 21.34 | 21.26 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.45 | 21.42 | 21.43 | | |
| 10 | 64QAM | 1 | 49 | 21.31 | 21.26 | 21.26 | | |
| 10 | 64QAM | 25 | 0 | 21.22 | 21.32 | 21.24 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.40 | 21.31 | | |
| 10 | 64QAM | 25 | 25 | 21.30 | 21.44 | 21.28 | | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.28 | 21.15 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.26 | 21.39 | 21.13 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.11 | 21.26 | 21.09 | | |
| 5 | QPSK | 1 | 24 | 21.25 | 21.37 | 21.12 | | |
| 5 | QPSK | 12 | 0 | 21.24 | 21.24 | 21.17 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.21 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.14 | 21.13 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.31 | 21.11 | | |
| 5 | 16QAM | 1 | 0 | 21.04 | 21.18 | 21.15 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.25 | 21.37 | 21.15 | | |
| 5 | 16QAM | 1 | 24 | 21.40 | 21.34 | 21.24 | | |
| 5 | 16QAM | 12 | 0 | 21.19 | 21.31 | 21.24 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.24 | 21.11 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.30 | 21.39 | | |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.28 | 21.02 | | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.22 | 21.22 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.35 | 21.31 | 21.33 | | |
| 5 | 64QAM | 1 | 24 | 21.18 | 21.22 | 21.21 | | |
| 5 | 64QAM | 12 | 0 | 21.08 | 21.19 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.29 | 21.31 | 21.16 | | |
| 5 | 64QAM | 12 | 13 | 21.21 | 21.35 | 21.16 | | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.19 | 21.01 | | |

## Band 26 Ant 0 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.27 | 21.44 | 21.33 | 22.3 | 0 |
| 15 | QPSK | 1 | 37 | 21.25 | 21.29 | 21.30 | | |
| 15 | QPSK | 1 | 74 | 21.25 | 21.31 | 21.36 | | |
| 15 | QPSK | 36 | 0 | 21.28 | 21.29 | 21.18 | 22.3 | 0 |
| 15 | QPSK | 36 | 20 | 21.14 | 21.16 | 21.10 | | |
| 15 | QPSK | 36 | 39 | 21.18 | 21.17 | 21.12 | | |
| 15 | QPSK | 75 | 0 | 21.20 | 21.28 | 21.18 | | |
| 15 | 16QAM | 1 | 0 | 20.97 | 21.20 | 21.17 | 22.3 | 0 |
| 15 | 16QAM | 1 | 37 | 21.22 | 21.32 | 21.10 | | |
| 15 | 16QAM | 1 | 74 | 21.26 | 21.34 | 21.30 | | |
| 15 | 16QAM | 36 | 0 | 21.13 | 21.24 | 21.24 | 22.3 | 0 |
| 15 | 16QAM | 36 | 20 | 21.13 | 21.19 | 21.16 | | |
| 15 | 16QAM | 36 | 39 | 21.20 | 21.29 | 21.28 | | |
| 15 | 16QAM | 75 | 0 | 21.16 | 21.23 | 21.10 | | |
| 15 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.16 | 22.3 | 0 |
| 15 | 64QAM | 1 | 37 | 21.38 | 21.30 | 21.28 | | |
| 15 | 64QAM | 1 | 74 | 21.18 | 21.20 | 21.16 | | |
| 15 | 64QAM | 36 | 0 | 21.13 | 21.21 | 21.20 | 22.3 | 0 |
| 15 | 64QAM | 36 | 20 | 21.22 | 21.32 | 21.25 | | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.33 | 21.13 | | |
| 15 | 64QAM | 75 | 0 | 21.22 | 21.13 | 21.03 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.18 | 21.39 | 21.09 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.14 | 21.14 | 21.01 | | |
| 10 | QPSK | 1 | 49 | 21.17 | 21.27 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.24 | 21.20 | 21.13 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.04 | 21.10 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.12 | 21.10 | 21.01 | | |
| 10 | QPSK | 50 | 0 | 21.17 | 21.09 | 21.12 | | |
| 10 | 16QAM | 1 | 0 | 20.88 | 21.08 | 21.07 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.18 | 21.27 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.18 | 21.25 | 21.23 | | |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.20 | 21.20 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.01 | 21.08 | 21.13 | | |
| 10 | 16QAM | 25 | 25 | 21.11 | 21.25 | 21.20 | | |
| 10 | 16QAM | 50 | 0 | 21.02 | 21.20 | 21.01 | | |
| 10 | 64QAM | 1 | 0 | 21.09 | 21.20 | 21.10 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.18 | 21.17 | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.16 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 21.10 | 21.16 | 21.11 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.22 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.18 | 21.09 | | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.00 | 20.97 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.13 | 21.32 | 21.01 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.14 | 21.16 | 21.01 | | |
| 5 | QPSK | 1 | 24 | 21.16 | 21.21 | 21.10 | | |
| 5 | QPSK | 12 | 0 | 21.15 | 21.25 | 21.04 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.00 | 21.03 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.10 | 21.01 | | |
| 5 | QPSK | 25 | 0 | 21.16 | 21.15 | 21.03 | | |
| 5 | 16QAM | 1 | 0 | 20.85 | 21.07 | 21.13 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.22 | 21.02 | | |
| 5 | 16QAM | 1 | 24 | 21.22 | 21.21 | 21.23 | | |
| 5 | 16QAM | 12 | 0 | 20.98 | 21.16 | 21.12 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.01 | 21.07 | 21.12 | | |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.24 | 21.24 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.18 | 21.03 | | |
| 5 | 64QAM | 1 | 0 | 21.08 | 21.10 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.29 | 21.27 | 21.13 | | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.17 | 21.09 | | |
| 5 | 64QAM | 12 | 0 | 21.07 | 21.16 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.28 | 21.15 | | |
| 5 | 64QAM | 12 | 13 | 21.16 | 21.28 | 20.99 | | |
| 5 | 64QAM | 25 | 0 | 21.15 | 21.04 | 20.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.13 | 21.34 | 20.99 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.03 | 21.25 | 21.02 | | |
| 3 | QPSK | 1 | 14 | 21.20 | 21.24 | 21.04 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.22 | 21.10 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.04 | 21.00 | | |
| 3 | QPSK | 8 | 7 | 21.05 | 21.07 | 21.08 | | |
| 3 | QPSK | 15 | 0 | 21.23 | 21.14 | 21.03 | | |
| 3 | 16QAM | 1 | 0 | 20.90 | 21.15 | 21.13 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.12 | 21.29 | 21.02 | | |
| 3 | 16QAM | 1 | 14 | 21.16 | 21.22 | 21.20 | | |
| 3 | 16QAM | 8 | 0 | 21.02 | 21.14 | 21.14 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.05 | 21.09 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.26 | 21.18 | | |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.16 | 21.06 | | |
| 3 | 64QAM | 1 | 0 | 21.11 | 21.17 | 21.04 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.16 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.08 | 21.09 | 21.06 | | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.16 | 21.16 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.18 | 21.24 | 21.13 | | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.28 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.14 | 21.10 | 20.89 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.16 | 21.40 | 21.03 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.11 | 21.26 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.21 | 21.17 | 21.05 | | |
| 1.4 | QPSK | 3 | 0 | 21.14 | 21.19 | 21.04 | | |
| 1.4 | QPSK | 3 | 1 | 21.06 | 21.03 | 21.05 | | |
| 1.4 | QPSK | 3 | 3 | 21.07 | 21.03 | 21.07 | | |
| 1.4 | QPSK | 6 | 0 | 21.17 | 21.13 | 21.04 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.93 | 21.08 | 21.03 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.11 | 21.21 | 20.99 | | |
| 1.4 | 16QAM | 1 | 5 | 21.13 | 21.27 | 21.18 | | |
| 1.4 | 16QAM | 3 | 0 | 21.05 | 21.15 | 21.20 | | |
| 1.4 | 16QAM | 3 | 1 | 21.08 | 21.07 | 21.09 | | |
| 1.4 | 16QAM | 3 | 3 | 21.09 | 21.24 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.06 | 21.16 | 21.03 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.09 | 21.11 | 21.07 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.24 | 21.19 | 21.21 | | |
| 1.4 | 64QAM | 1 | 5 | 21.03 | 21.06 | 21.02 | | |
| 1.4 | 64QAM | 3 | 0 | 21.02 | 21.11 | 21.06 | | |
| 1.4 | 64QAM | 3 | 1 | 21.19 | 21.18 | 21.20 | | |
| 1.4 | 64QAM | 3 | 3 | 21.17 | 21.28 | 21.06 | | |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.06 | 20.89 | 22.3 | 0 |

GSM1900 Ant 1 DSI5

| 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 | 26.64 | 26.51 | 26.57 | 27.80 | 17.64 | 17.51 | 17.57 | 18.80 |
| GPRS 1 Tx slot | 26.64 | 26.43 | 26.58 | 27.80 | 17.64 | 17.43 | 17.58 | 18.80 |
| GPRS 2 Tx slots | 22.94 | 22.87 | 23.00 | 24.80 | 16.94 | 16.87 | 17.00 | 18.80 |
| GPRS 3 Tx slots | 21.22 | 21.14 | 21.04 | 23.00 | 16.96 | 16.88 | 16.78 | 18.74 |
| GPRS 4 Tx slots | 20.03 | 20.06 | 19.98 | 21.80 | 17.03 | 17.06 | 16.98 | 18.80 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant 1 DSI5 / WCDMA IV Ant 1 DSI5

| 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 | 21.04 | 21.05 | 20.88 | 21.90 | 21.04 | 21.08 | 21.03 | 21.90 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.15 | 21.23 | 21.09 | 21.90 | 21.08 | 21.10 | 21.05 | 21.90 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.30 | 20.37 | 20.51 | 21.10 | 20.37 | 20.23 | 20.26 | 20.90 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.25 | 20.49 | 20.30 | 21.10 | 20.16 | 20.28 | 20.08 | 20.90 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.72 | 19.81 | 19.77 | 20.40 | 19.93 | 19.92 | 19.73 | 20.40 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.67 | 19.74 | 19.78 | 20.40 | 19.69 | 19.98 | 19.65 | 20.40 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.23 | 20.58 | 20.52 | 21.10 | 20.03 | 20.34 | 20.20 | 20.90 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.32 | 20.56 | 20.43 | 21.10 | 20.28 | 20.23 | 20.37 | 20.90 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.75 | 19.88 | 19.85 | 20.40 | 19.64 | 19.69 | 19.68 | 20.40 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.86 | 19.95 | 19.75 | 20.40 | 19.56 | 19.84 | 19.41 | 20.40 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.55 | 20.47 | 20.27 | 21.10 | 20.38 | 20.42 | 20.28 | 20.90 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.21 | 17.30 | 17.25 | 17.90 | 18.25 | 18.28 | 18.16 | 18.90 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.36 | 18.25 | 18.22 | 18.90 | 19.21 | 19.43 | 19.20 | 19.90 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.35 | 17.34 | 17.15 | 17.90 | 18.28 | 18.46 | 18.33 | 18.90 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.48 | 20.66 | 20.60 | 21.10 | 20.05 | 20.23 | 20.21 | 20.90 |

## Band 2 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 20.94 | 21.14 | 20.95 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 20.92 | 20.92 | 20.82 | | |
| 20 | QPSK | 1 | 99 | 20.99 | 21.02 | 20.84 | | |
| 20 | QPSK | 50 | 0 | 20.99 | 21.05 | 20.98 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 20.97 | 20.95 | 20.84 | | |
| 20 | QPSK | 50 | 50 | 20.98 | 20.94 | 20.87 | | |
| 20 | QPSK | 100 | 0 | 20.96 | 21.03 | 20.97 | | |
| 20 | 16QAM | 1 | 0 | 20.82 | 20.86 | 20.95 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 20.95 | 21.01 | 20.90 | | |
| 20 | 16QAM | 1 | 99 | 21.01 | 20.99 | 21.03 | | |
| 20 | 16QAM | 50 | 0 | 20.84 | 21.02 | 20.95 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.98 | 20.97 | 20.89 | | |
| 20 | 16QAM | 50 | 50 | 20.92 | 20.97 | 21.02 | | |
| 20 | 16QAM | 100 | 0 | 20.86 | 20.96 | 20.84 | | |
| 20 | 64QAM | 1 | 0 | 20.94 | 20.92 | 20.78 | 21.9 | 0 |
| 20 | 64QAM | 1 | 49 | 21.01 | 21.09 | 21.01 | | |
| 20 | 64QAM | 1 | 99 | 20.92 | 20.96 | 20.92 | | |
| 20 | 64QAM | 50 | 0 | 20.85 | 20.96 | 20.81 | 21.9 | 0 |
| 20 | 64QAM | 50 | 24 | 20.95 | 21.07 | 20.91 | | |
| 20 | 64QAM | 50 | 50 | 20.90 | 21.06 | 20.80 | | |
| 20 | 64QAM | 100 | 0 | 20.96 | 20.99 | 20.73 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.80 | 21.08 | 20.87 | 21.9 | 0 |
| 15 | QPSK | 1 | 37 | 20.83 | 20.89 | 20.74 | | |
| 15 | QPSK | 1 | 74 | 20.95 | 20.90 | 20.75 | | |
| 15 | QPSK | 36 | 0 | 20.94 | 20.90 | 20.93 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.92 | 20.83 | 20.72 | | |
| 15 | QPSK | 36 | 39 | 20.87 | 20.81 | 20.81 | | |
| 15 | QPSK | 75 | 0 | 20.88 | 20.92 | 20.87 | | |
| 15 | 16QAM | 1 | 0 | 20.69 | 20.80 | 20.88 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.85 | 20.93 | 20.80 | | |
| 15 | 16QAM | 1 | 74 | 20.98 | 20.90 | 20.91 | | |
| 15 | 16QAM | 36 | 0 | 20.76 | 20.90 | 20.89 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.86 | 20.86 | 20.83 | | |
| 15 | 16QAM | 36 | 39 | 20.84 | 20.94 | 20.88 | | |
| 15 | 16QAM | 75 | 0 | 20.77 | 20.85 | 20.81 | | |
| 15 | 64QAM | 1 | 0 | 20.81 | 20.81 | 20.74 | 21.9 | 0 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.95 | 20.89 | | |
| 15 | 64QAM | 1 | 74 | 20.87 | 20.92 | 20.88 | | |
| 15 | 64QAM | 36 | 0 | 20.73 | 20.91 | 20.76 | 21.9 | 0 |
| 15 | 64QAM | 36 | 20 | 20.85 | 21.01 | 20.81 | | |
| 15 | 64QAM | 36 | 39 | 20.84 | 21.03 | 20.75 | | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.95 | 20.62 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.87 | 21.10 | 20.91 | 21.9 | 0 |
| 10 | QPSK | 1 | 25 | 20.81 | 20.89 | 20.72 | | |
| 10 | QPSK | 1 | 49 | 20.91 | 20.97 | 20.77 | | |
| 10 | QPSK | 25 | 0 | 20.85 | 20.95 | 20.88 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.84 | 20.87 | 20.76 | | |
| 10 | QPSK | 25 | 25 | 20.86 | 20.80 | 20.73 | | |
| 10 | QPSK | 50 | 0 | 20.85 | 20.94 | 20.93 | | |
| 10 | 16QAM | 1 | 0 | 20.78 | 20.81 | 20.83 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 20.89 | 20.95 | 20.83 | | |
| 10 | 16QAM | 1 | 49 | 20.91 | 20.85 | 20.91 | | |
| 10 | 16QAM | 25 | 0 | 20.74 | 20.90 | 20.87 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.89 | 20.82 | 20.75 | | |
| 10 | 16QAM | 25 | 25 | 20.83 | 20.85 | 20.93 | | |
| 10 | 16QAM | 50 | 0 | 20.76 | 20.81 | 20.75 | | |
| 10 | 64QAM | 1 | 0 | 20.82 | 20.82 | 20.74 | 21.9 | 0 |
| 10 | 64QAM | 1 | 25 | 20.91 | 20.98 | 20.95 | | |
| 10 | 64QAM | 1 | 49 | 20.80 | 20.81 | 20.80 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.89 | 20.71 | 21.9 | 0 |
| 10 | 64QAM | 25 | 12 | 20.86 | 20.93 | 20.80 | | |
| 10 | 64QAM | 25 | 25 | 20.81 | 20.98 | 20.75 | | |
| 10 | 64QAM | 50 | 0 | 20.89 | 20.86 | 20.67 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.89 | 21.09 | 20.90 | 21.9 | 0 |
| 5 | QPSK | 1 | 12 | 20.86 | 20.81 | 20.77 | | |
| 5 | QPSK | 1 | 24 | 20.86 | 20.90 | 20.70 | | |
| 5 | QPSK | 12 | 0 | 20.90 | 20.96 | 20.84 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.90 | 20.84 | 20.79 | | |
| 5 | QPSK | 12 | 13 | 20.86 | 20.87 | 20.77 | | |
| 5 | QPSK | 25 | 0 | 20.84 | 20.99 | 20.83 | | |
| 5 | 16QAM | 1 | 0 | 20.70 | 20.75 | 20.89 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.87 | 20.90 | 20.77 | | |
| 5 | 16QAM | 1 | 24 | 20.93 | 20.85 | 20.96 | | |
| 5 | 16QAM | 12 | 0 | 20.75 | 20.93 | 20.89 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.94 | 20.84 | 20.82 | | |
| 5 | 16QAM | 12 | 13 | 20.86 | 20.83 | 20.96 | | |
| 5 | 16QAM | 25 | 0 | 20.79 | 20.87 | 20.81 | | |
| 5 | 64QAM | 1 | 0 | 20.89 | 20.86 | 20.69 | 21.9 | 0 |
| 5 | 64QAM | 1 | 12 | 20.94 | 21.01 | 20.87 | | |
| 5 | 64QAM | 1 | 24 | 20.83 | 20.85 | 20.77 | | |
| 5 | 64QAM | 12 | 0 | 20.79 | 20.84 | 20.66 | 21.9 | 0 |
| 5 | 64QAM | 12 | 7 | 20.83 | 20.98 | 20.77 | | |
| 5 | 64QAM | 12 | 13 | 20.85 | 21.01 | 20.74 | | |
| 5 | 64QAM | 25 | 0 | 20.84 | 20.84 | 20.66 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.87 | 21.01 | 20.87 | 21.9 | 0 |
| 3 | QPSK | 1 | 8 | 20.77 | 20.80 | 20.69 | | |
| 3 | QPSK | 1 | 14 | 20.87 | 20.89 | 20.80 | | |
| 3 | QPSK | 8 | 0 | 20.89 | 20.97 | 20.92 | 21.9 | 0 |
| 3 | QPSK | 8 | 4 | 20.92 | 20.89 | 20.80 | | |
| 3 | QPSK | 8 | 7 | 20.87 | 20.86 | 20.78 | | |
| 3 | QPSK | 15 | 0 | 20.90 | 20.92 | 20.90 | | |
| 3 | 16QAM | 1 | 0 | 20.79 | 20.74 | 20.83 | 21.9 | 0 |
| 3 | 16QAM | 1 | 8 | 20.90 | 20.87 | 20.79 | | |
| 3 | 16QAM | 1 | 14 | 20.93 | 20.94 | 20.90 | | |
| 3 | 16QAM | 8 | 0 | 20.75 | 20.90 | 20.83 | 21.9 | 0 |
| 3 | 16QAM | 8 | 4 | 20.89 | 20.90 | 20.85 | | |
| 3 | 16QAM | 8 | 7 | 20.87 | 20.84 | 20.92 | | |
| 3 | 16QAM | 15 | 0 | 20.81 | 20.86 | 20.72 | | |
| 3 | 64QAM | 1 | 0 | 20.86 | 20.84 | 20.70 | 21.9 | 0 |
| 3 | 64QAM | 1 | 8 | 20.98 | 20.96 | 20.95 | | |
| 3 | 64QAM | 1 | 14 | 20.80 | 20.87 | 20.80 | | |
| 3 | 64QAM | 8 | 0 | 20.80 | 20.87 | 20.77 | 21.9 | 0 |
| 3 | 64QAM | 8 | 4 | 20.80 | 20.99 | 20.80 | | |
| 3 | 64QAM | 8 | 7 | 20.82 | 20.93 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.84 | 20.95 | 20.69 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.82 | 21.03 | 20.80 | 21.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.77 | 20.78 | 20.70 | | |
| 1.4 | QPSK | 1 | 5 | 20.95 | 20.99 | 20.70 | | |
| 1.4 | QPSK | 3 | 0 | 20.90 | 20.92 | 20.84 | | |
| 1.4 | QPSK | 3 | 1 | 20.84 | 20.87 | 20.70 | | |
| 1.4 | QPSK | 3 | 3 | 20.84 | 20.91 | 20.78 | | |
| 1.4 | QPSK | 6 | 0 | 20.88 | 20.96 | 20.82 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.78 | 20.82 | 20.89 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.91 | 20.95 | 20.83 | | |
| 1.4 | 16QAM | 1 | 5 | 20.87 | 20.87 | 20.92 | | |
| 1.4 | 16QAM | 3 | 0 | 20.80 | 20.94 | 20.83 | | |
| 1.4 | 16QAM | 3 | 1 | 20.95 | 20.89 | 20.75 | | |
| 1.4 | 16QAM | 3 | 3 | 20.79 | 20.90 | 20.97 | | |
| 1.4 | 16QAM | 6 | 0 | 20.79 | 20.86 | 20.80 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.79 | 20.87 | 20.67 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.87 | 20.95 | 20.87 | | |
| 1.4 | 64QAM | 1 | 5 | 20.80 | 20.82 | 20.89 | | |
| 1.4 | 64QAM | 3 | 0 | 20.79 | 20.83 | 20.68 | | |
| 1.4 | 64QAM | 3 | 1 | 20.91 | 21.03 | 20.82 | | |
| 1.4 | 64QAM | 3 | 3 | 20.77 | 20.94 | 20.73 | | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 20.84 | 20.65 | 21.9 | 0 |

## Band 4 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 20.80 | 21.03 | 20.83 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 20.85 | 20.79 | 20.71 | | |
| 20 | QPSK | 1 | 99 | 20.92 | 20.93 | 20.75 | | |
| 20 | QPSK | 50 | 0 | 20.93 | 21.01 | 20.83 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 20.92 | 20.91 | 20.73 | | |
| 20 | QPSK | 50 | 50 | 20.86 | 20.91 | 20.72 | | |
| 20 | QPSK | 100 | 0 | 20.84 | 20.92 | 20.83 | | |
| 20 | 16QAM | 1 | 0 | 20.73 | 20.81 | 20.84 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 20.82 | 20.93 | 20.84 | | |
| 20 | 16QAM | 1 | 99 | 20.87 | 20.92 | 20.96 | | |
| 20 | 16QAM | 50 | 0 | 20.73 | 20.99 | 20.87 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.93 | 20.86 | 20.77 | | |
| 20 | 16QAM | 50 | 50 | 20.78 | 20.92 | 20.97 | | |
| 20 | 16QAM | 100 | 0 | 20.74 | 20.92 | 20.70 | | |
| 20 | 64QAM | 1 | 0 | 20.89 | 20.84 | 20.73 | 21.9 | 0 |
| 20 | 64QAM | 1 | 49 | 20.92 | 21.01 | 20.90 | | |
| 20 | 64QAM | 1 | 99 | 20.78 | 20.89 | 20.80 | | |
| 20 | 64QAM | 50 | 0 | 20.82 | 20.91 | 20.76 | 21.9 | 0 |
| 20 | 64QAM | 50 | 24 | 20.83 | 20.99 | 20.86 | | |
| 20 | 64QAM | 50 | 50 | 20.75 | 20.96 | 20.70 | | |
| 20 | 64QAM | 100 | 0 | 20.91 | 20.88 | 20.67 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 20.71 | 20.97 | 20.76 | 21.9 | 0 |
| 15 | QPSK | 1 | 37 | 20.75 | 20.75 | 20.57 | | |
| 15 | QPSK | 1 | 74 | 20.79 | 20.81 | 20.66 | | |
| 15 | QPSK | 36 | 0 | 20.79 | 20.98 | 20.74 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.79 | 20.80 | 20.68 | | |
| 15 | QPSK | 36 | 39 | 20.80 | 20.86 | 20.67 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 20.77 | 20.79 | | |
| 15 | 16QAM | 1 | 0 | 20.59 | 20.77 | 20.80 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.75 | 20.85 | 20.73 | | |
| 15 | 16QAM | 1 | 74 | 20.75 | 20.88 | 20.93 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.85 | 20.75 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.85 | 20.83 | 20.68 | | |
| 15 | 16QAM | 36 | 39 | 20.74 | 20.89 | 20.92 | | |
| 15 | 16QAM | 75 | 0 | 20.70 | 20.80 | 20.66 | | |
| 15 | 64QAM | 1 | 0 | 20.77 | 20.74 | 20.62 | 21.9 | 0 |
| 15 | 64QAM | 1 | 37 | 20.85 | 20.88 | 20.78 | | |
| 15 | 64QAM | 1 | 74 | 20.70 | 20.78 | 20.73 | | |
| 15 | 64QAM | 36 | 0 | 20.71 | 20.87 | 20.68 | 21.9 | 0 |
| 15 | 64QAM | 36 | 20 | 20.78 | 20.94 | 20.77 | | |
| 15 | 64QAM | 36 | 39 | 20.63 | 20.85 | 20.64 | | |
| 15 | 64QAM | 75 | 0 | 20.88 | 20.73 | 20.59 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 20.68 | 21.00 | 20.75 | 21.9 | 0 |
| 10 | QPSK | 1 | 25 | 20.73 | 20.74 | 20.61 | | |
| 10 | QPSK | 1 | 49 | 20.78 | 20.88 | 20.67 | | |
| 10 | QPSK | 25 | 0 | 20.84 | 20.91 | 20.73 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.82 | 20.81 | 20.70 | | |
| 10 | QPSK | 25 | 25 | 20.73 | 20.87 | 20.64 | | |
| 10 | QPSK | 50 | 0 | 20.73 | 20.89 | 20.73 | | |
| 10 | 16QAM | 1 | 0 | 20.67 | 20.77 | 20.80 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 20.74 | 20.79 | 20.70 | | |
| 10 | 16QAM | 1 | 49 | 20.79 | 20.85 | 20.83 | | |
| 10 | 16QAM | 25 | 0 | 20.58 | 20.92 | 20.81 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.88 | 20.73 | 20.71 | | |
| 10 | 16QAM | 25 | 25 | 20.65 | 20.79 | 20.87 | | |
| 10 | 16QAM | 50 | 0 | 20.61 | 20.79 | 20.58 | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.80 | 20.67 | 21.9 | 0 |
| 10 | 64QAM | 1 | 25 | 20.83 | 20.88 | 20.79 | | |
| 10 | 64QAM | 1 | 49 | 20.71 | 20.82 | 20.65 | | |
| 10 | 64QAM | 25 | 0 | 20.72 | 20.83 | 20.69 | 21.9 | 0 |
| 10 | 64QAM | 25 | 12 | 20.74 | 20.85 | 20.73 | | |
| 10 | 64QAM | 25 | 25 | 20.72 | 20.83 | 20.57 | | |
| 10 | 64QAM | 50 | 0 | 20.84 | 20.76 | 20.61 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 20.68 | 20.89 | 20.70 | 21.9 | 0 |
| 5 | QPSK | 1 | 12 | 20.78 | 20.74 | 20.67 | | |
| 5 | QPSK | 1 | 24 | 20.80 | 20.80 | 20.65 | | |
| 5 | QPSK | 12 | 0 | 20.79 | 20.94 | 20.80 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.83 | 20.79 | 20.60 | | |
| 5 | QPSK | 12 | 13 | 20.74 | 20.83 | 20.68 | | |
| 5 | QPSK | 25 | 0 | 20.71 | 20.84 | 20.69 | | |
| 5 | 16QAM | 1 | 0 | 20.63 | 20.76 | 20.70 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.72 | 20.87 | 20.81 | | |
| 5 | 16QAM | 1 | 24 | 20.73 | 20.78 | 20.87 | | |
| 5 | 16QAM | 12 | 0 | 20.60 | 20.86 | 20.78 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.87 | 20.82 | 20.72 | | |
| 5 | 16QAM | 12 | 13 | 20.69 | 20.84 | 20.89 | | |
| 5 | 16QAM | 25 | 0 | 20.62 | 20.79 | 20.59 | | |
| 5 | 64QAM | 1 | 0 | 20.82 | 20.75 | 20.65 | 21.9 | 0 |
| 5 | 64QAM | 1 | 12 | 20.82 | 20.91 | 20.86 | | |
| 5 | 64QAM | 1 | 24 | 20.72 | 20.76 | 20.73 | | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.85 | 20.72 | 21.9 | 0 |
| 5 | 64QAM | 12 | 7 | 20.74 | 20.94 | 20.82 | | |
| 5 | 64QAM | 12 | 13 | 20.65 | 20.81 | 20.66 | | |
| 5 | 64QAM | 25 | 0 | 20.81 | 20.80 | 20.59 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 20.68 | 20.96 | 20.76 | 21.9 | 0 |
| 3 | QPSK | 1 | 8 | 20.77 | 20.74 | 20.59 | | |
| 3 | QPSK | 1 | 14 | 20.82 | 20.79 | 20.62 | | |
| 3 | QPSK | 8 | 0 | 20.87 | 20.96 | 20.79 | 21.9 | 0 |
| 3 | QPSK | 8 | 4 | 20.87 | 20.78 | 20.67 | | |
| 3 | QPSK | 8 | 7 | 20.81 | 20.85 | 20.61 | | |
| 3 | QPSK | 15 | 0 | 20.81 | 20.78 | 20.69 | | |
| 3 | 16QAM | 1 | 0 | 20.60 | 20.74 | 20.74 | 21.9 | 0 |
| 3 | 16QAM | 1 | 8 | 20.68 | 20.88 | 20.78 | | |
| 3 | 16QAM | 1 | 14 | 20.83 | 20.82 | 20.88 | | |
| 3 | 16QAM | 8 | 0 | 20.66 | 20.93 | 20.83 | 21.9 | 0 |
| 3 | 16QAM | 8 | 4 | 20.82 | 20.82 | 20.71 | | |
| 3 | 16QAM | 8 | 7 | 20.67 | 20.78 | 20.84 | | |
| 3 | 16QAM | 15 | 0 | 20.68 | 20.78 | 20.57 | | |
| 3 | 64QAM | 1 | 0 | 20.83 | 20.76 | 20.61 | 21.9 | 0 |
| 3 | 64QAM | 1 | 8 | 20.81 | 20.98 | 20.76 | | |
| 3 | 64QAM | 1 | 14 | 20.65 | 20.78 | 20.70 | | |
| 3 | 64QAM | 8 | 0 | 20.70 | 20.78 | 20.69 | 21.9 | 0 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.93 | 20.76 | | |
| 3 | 64QAM | 8 | 7 | 20.68 | 20.86 | 20.66 | | |
| 3 | 64QAM | 15 | 0 | 20.86 | 20.76 | 20.59 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.70 | 20.91 | 20.75 | 21.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.80 | 20.76 | 20.62 | | |
| 1.4 | QPSK | 1 | 5 | 20.78 | 20.89 | 20.71 | | |
| 1.4 | QPSK | 3 | 0 | 20.89 | 20.98 | 20.75 | | |
| 1.4 | QPSK | 3 | 1 | 20.78 | 20.81 | 20.63 | | |
| 1.4 | QPSK | 3 | 3 | 20.81 | 20.86 | 20.59 | | |
| 1.4 | QPSK | 6 | 0 | 20.71 | 20.80 | 20.69 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.60 | 20.76 | 20.75 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.67 | 20.81 | 20.70 | | |
| 1.4 | 16QAM | 1 | 5 | 20.80 | 20.86 | 20.90 | | |
| 1.4 | 16QAM | 3 | 0 | 20.63 | 20.86 | 20.83 | | |
| 1.4 | 16QAM | 3 | 1 | 20.86 | 20.72 | 20.71 | | |
| 1.4 | 16QAM | 3 | 3 | 20.71 | 20.87 | 20.82 | | |
| 1.4 | 16QAM | 6 | 0 | 20.59 | 20.82 | 20.64 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.77 | 20.81 | 20.67 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.84 | 20.91 | 20.87 | | |
| 1.4 | 64QAM | 1 | 5 | 20.74 | 20.79 | 20.66 | | |
| 1.4 | 64QAM | 3 | 0 | 20.72 | 20.79 | 20.68 | | |
| 1.4 | 64QAM | 3 | 1 | 20.77 | 20.92 | 20.79 | | |
| 1.4 | 64QAM | 3 | 3 | 20.71 | 20.92 | 20.58 | | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.80 | 20.53 | 21.9 | 0 |

## Band 7 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 18.55 | 18.71 | 18.59 | 19.9 | 0 |
| 20 | QPSK | 1 | 49 | 18.52 | 18.51 | 18.48 | | |
| 20 | QPSK | 1 | 99 | 18.63 | 18.62 | 18.50 | | |
| 20 | QPSK | 50 | 0 | 18.64 | 18.65 | 18.57 | 19.9 | 0 |
| 20 | QPSK | 50 | 24 | 18.57 | 18.50 | 18.45 | | |
| 20 | QPSK | 50 | 50 | 18.61 | 18.56 | 18.43 | | |
| 20 | QPSK | 100 | 0 | 18.55 | 18.60 | 18.51 | | |
| 20 | 16QAM | 1 | 0 | 18.41 | 18.47 | 18.55 | 19.9 | 0 |
| 20 | 16QAM | 1 | 49 | 18.58 | 18.64 | 18.61 | | |
| 20 | 16QAM | 1 | 99 | 18.56 | 18.58 | 18.66 | | |
| 20 | 16QAM | 50 | 0 | 18.50 | 18.65 | 18.64 | 19.9 | 0 |
| 20 | 16QAM | 50 | 24 | 18.65 | 18.54 | 18.51 | | |
| 20 | 16QAM | 50 | 50 | 18.53 | 18.62 | 18.68 | | |
| 20 | 16QAM | 100 | 0 | 18.45 | 18.61 | 18.47 | | |
| 20 | 64QAM | 1 | 0 | 18.65 | 18.60 | 18.45 | 19.9 | 0 |
| 20 | 64QAM | 1 | 49 | 18.63 | 18.57 | 18.58 | | |
| 20 | 64QAM | 1 | 99 | 18.51 | 18.59 | 18.54 | | |
| 20 | 64QAM | 50 | 0 | 18.55 | 18.58 | 18.46 | 19.9 | 0 |
| 20 | 64QAM | 50 | 24 | 18.53 | 18.67 | 18.62 | | |
| 20 | 64QAM | 50 | 50 | 18.42 | 18.67 | 18.40 | | |
| 20 | 64QAM | 100 | 0 | 18.58 | 18.60 | 18.39 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.47 | 18.59 | 18.47 | 19.9 | 0 |
| 15 | QPSK | 1 | 37 | 18.48 | 18.46 | 18.41 | | |
| 15 | QPSK | 1 | 74 | 18.48 | 18.49 | 18.39 | | |
| 15 | QPSK | 36 | 0 | 18.49 | 18.54 | 18.44 | 19.9 | 0 |
| 15 | QPSK | 36 | 20 | 18.46 | 18.35 | 18.36 | | |
| 15 | QPSK | 36 | 39 | 18.55 | 18.46 | 18.38 | | |
| 15 | QPSK | 75 | 0 | 18.41 | 18.54 | 18.42 | | |
| 15 | 16QAM | 1 | 0 | 18.32 | 18.32 | 18.43 | 19.9 | 0 |
| 15 | 16QAM | 1 | 37 | 18.49 | 18.52 | 18.54 | | |
| 15 | 16QAM | 1 | 74 | 18.46 | 18.43 | 18.60 | | |
| 15 | 16QAM | 36 | 0 | 18.46 | 18.70 | 18.53 | 19.9 | 0 |
| 15 | 16QAM | 36 | 20 | 18.62 | 18.42 | 18.39 | | |
| 15 | 16QAM | 36 | 39 | 18.48 | 18.55 | 18.64 | | |
| 15 | 16QAM | 75 | 0 | 18.40 | 18.57 | 18.36 | | |
| 15 | 64QAM | 1 | 0 | 18.59 | 18.45 | 18.35 | 19.9 | 0 |
| 15 | 64QAM | 1 | 37 | 18.48 | 18.53 | 18.51 | | |
| 15 | 64QAM | 1 | 74 | 18.44 | 18.55 | 18.50 | | |
| 15 | 64QAM | 36 | 0 | 18.47 | 18.54 | 18.40 | 19.9 | 0 |
| 15 | 64QAM | 36 | 20 | 18.48 | 18.60 | 18.49 | | |
| 15 | 64QAM | 36 | 39 | 18.30 | 18.57 | 18.35 | | |
| 15 | 64QAM | 75 | 0 | 18.51 | 18.46 | 18.28 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.43 | 18.64 | 18.48 | 19.9 | 0 |
| 10 | QPSK | 1 | 25 | 18.42 | 18.42 | 18.40 | | |
| 10 | QPSK | 1 | 49 | 18.55 | 18.48 | 18.46 | | |
| 10 | QPSK | 25 | 0 | 18.60 | 18.54 | 18.43 | 19.9 | 0 |
| 10 | QPSK | 25 | 12 | 18.50 | 18.39 | 18.36 | | |
| 10 | QPSK | 25 | 25 | 18.58 | 18.48 | 18.37 | | |
| 10 | QPSK | 50 | 0 | 18.47 | 18.48 | 18.42 | | |
| 10 | 16QAM | 1 | 0 | 18.30 | 18.48 | 18.48 | 19.9 | 0 |
| 10 | 16QAM | 1 | 25 | 18.45 | 18.58 | 18.56 | | |
| 10 | 16QAM | 1 | 49 | 18.48 | 18.48 | 18.63 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.61 | 18.59 | 19.9 | 0 |
| 10 | 16QAM | 25 | 12 | 18.51 | 18.51 | 18.43 | | |
| 10 | 16QAM | 25 | 25 | 18.49 | 18.51 | 18.59 | | |
| 10 | 16QAM | 50 | 0 | 18.30 | 18.57 | 18.41 | | |
| 10 | 64QAM | 1 | 0 | 18.57 | 18.57 | 18.37 | 19.9 | 0 |
| 10 | 64QAM | 1 | 25 | 18.55 | 18.65 | 18.53 | | |
| 10 | 64QAM | 1 | 49 | 18.45 | 18.50 | 18.49 | | |
| 10 | 64QAM | 25 | 0 | 18.43 | 18.52 | 18.33 | 19.9 | 0 |
| 10 | 64QAM | 25 | 12 | 18.50 | 18.53 | 18.57 | | |
| 10 | 64QAM | 25 | 25 | 18.36 | 18.54 | 18.29 | | |
| 10 | 64QAM | 50 | 0 | 18.48 | 18.48 | 18.29 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.49 | 18.56 | 18.48 | 19.9 | 0 |
| 5 | QPSK | 1 | 12 | 18.44 | 18.46 | 18.38 | | |
| 5 | QPSK | 1 | 24 | 18.58 | 18.58 | 18.47 | | |
| 5 | QPSK | 12 | 0 | 18.59 | 18.54 | 18.51 | 19.9 | 0 |
| 5 | QPSK | 12 | 7 | 18.53 | 18.36 | 18.39 | | |
| 5 | QPSK | 12 | 13 | 18.47 | 18.47 | 18.39 | | |
| 5 | QPSK | 25 | 0 | 18.50 | 18.53 | 18.44 | | |
| 5 | 16QAM | 1 | 0 | 18.30 | 18.36 | 18.49 | 19.9 | 0 |
| 5 | 16QAM | 1 | 12 | 18.49 | 18.55 | 18.54 | | |
| 5 | 16QAM | 1 | 24 | 18.49 | 18.54 | 18.54 | | |
| 5 | 16QAM | 12 | 0 | 18.38 | 18.70 | 18.61 | 19.9 | 0 |
| 5 | 16QAM | 12 | 7 | 18.59 | 18.44 | 18.37 | | |
| 5 | 16QAM | 12 | 13 | 18.40 | 18.50 | 18.59 | | |
| 5 | 16QAM | 25 | 0 | 18.33 | 18.54 | 18.40 | | |
| 5 | 64QAM | 1 | 0 | 18.54 | 18.50 | 18.33 | 19.9 | 0 |
| 5 | 64QAM | 1 | 12 | 18.51 | 18.70 | 18.48 | | |
| 5 | 64QAM | 1 | 24 | 18.47 | 18.47 | 18.49 | | |
| 5 | 64QAM | 12 | 0 | 18.46 | 18.54 | 18.41 | 19.9 | 0 |
| 5 | 64QAM | 12 | 7 | 18.40 | 18.55 | 18.48 | | |
| 5 | 64QAM | 12 | 13 | 18.29 | 18.60 | 18.27 | | |
| 5 | 64QAM | 25 | 0 | 18.54 | 18.57 | 18.26 | | |

## Band 25 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 20.96 | 21.14 | 21.02 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 21.00 | 20.90 | 20.90 | | |
| 20 | QPSK | 1 | 99 | 20.99 | 21.10 | 20.80 | | |
| 20 | QPSK | 50 | 0 | 21.07 | 21.08 | 20.93 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 21.02 | 21.01 | 20.93 | | |
| 20 | QPSK | 50 | 50 | 21.04 | 21.02 | 20.93 | | |
| 20 | QPSK | 100 | 0 | 20.99 | 21.06 | 21.05 | | |
| 20 | 16QAM | 1 | 0 | 20.87 | 20.95 | 20.99 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 21.03 | 21.12 | 20.89 | | |
| 20 | 16QAM | 1 | 99 | 21.07 | 21.07 | 21.03 | | |
| 20 | 16QAM | 50 | 0 | 20.97 | 21.05 | 20.91 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.96 | 21.03 | 20.95 | | |
| 20 | 16QAM | 50 | 50 | 20.96 | 21.06 | 21.09 | | |
| 20 | 16QAM | 100 | 0 | 20.98 | 21.04 | 20.87 | | |
| 20 | 64QAM | 1 | 0 | 20.91 | 21.05 | 20.78 | 21.9 | 0 |
| 20 | 64QAM | 1 | 49 | 21.10 | 21.08 | 21.10 | | |
| 20 | 64QAM | 1 | 99 | 20.94 | 21.05 | 20.87 | | |
| 20 | 64QAM | 50 | 0 | 20.89 | 21.01 | 20.91 | 21.9 | 0 |
| 20 | 64QAM | 50 | 24 | 21.02 | 21.04 | 21.02 | | |
| 20 | 64QAM | 50 | 50 | 20.88 | 21.04 | 20.84 | | |
| 20 | 64QAM | 100 | 0 | 20.95 | 20.94 | 20.89 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 20.92 | 21.07 | 20.90 | 21.9 | 0 |
| 15 | QPSK | 1 | 37 | 20.89 | 20.77 | 20.81 | | |
| 15 | QPSK | 1 | 74 | 20.89 | 21.01 | 20.69 | | |
| 15 | QPSK | 36 | 0 | 20.99 | 20.96 | 20.79 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.88 | 20.89 | 20.83 | | |
| 15 | QPSK | 36 | 39 | 20.90 | 20.97 | 20.79 | | |
| 15 | QPSK | 75 | 0 | 20.94 | 20.98 | 21.00 | | |
| 15 | 16QAM | 1 | 0 | 20.76 | 20.90 | 20.87 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.97 | 21.07 | 20.76 | | |
| 15 | 16QAM | 1 | 74 | 20.97 | 20.99 | 20.94 | | |
| 15 | 16QAM | 36 | 0 | 20.88 | 20.94 | 20.87 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.87 | 20.99 | 20.89 | | |
| 15 | 16QAM | 36 | 39 | 20.92 | 20.94 | 20.99 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.94 | 20.73 | | |
| 15 | 64QAM | 1 | 0 | 20.77 | 20.91 | 20.65 | 21.9 | 0 |
| 15 | 64QAM | 1 | 37 | 20.99 | 20.95 | 21.03 | | |
| 15 | 64QAM | 1 | 74 | 20.82 | 20.92 | 20.77 | | |
| 15 | 64QAM | 36 | 0 | 20.83 | 20.88 | 20.76 | 21.9 | 0 |
| 15 | 64QAM | 36 | 20 | 20.93 | 20.93 | 20.89 | | |
| 15 | 64QAM | 36 | 39 | 20.85 | 20.89 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.82 | 20.90 | 20.83 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 20.93 | 21.10 | 20.96 | 21.9 | 0 |
| 10 | QPSK | 1 | 25 | 20.87 | 20.86 | 20.80 | | |
| 10 | QPSK | 1 | 49 | 20.84 | 21.02 | 20.70 | | |
| 10 | QPSK | 25 | 0 | 20.98 | 21.02 | 20.78 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.95 | 20.91 | 20.89 | | |
| 10 | QPSK | 25 | 25 | 21.00 | 20.87 | 20.81 | | |
| 10 | QPSK | 50 | 0 | 20.84 | 21.03 | 20.98 | | |
| 10 | 16QAM | 1 | 0 | 20.72 | 20.83 | 20.87 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 21.00 | 21.00 | 20.80 | | |
| 10 | 16QAM | 1 | 49 | 20.94 | 20.95 | 20.95 | | |
| 10 | 16QAM | 25 | 0 | 20.93 | 20.96 | 20.81 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.92 | 20.93 | 20.88 | | |
| 10 | 16QAM | 25 | 25 | 20.91 | 20.96 | 20.99 | | |
| 10 | 16QAM | 50 | 0 | 20.95 | 20.99 | 20.74 | | |
| 10 | 64QAM | 1 | 0 | 20.80 | 21.00 | 20.71 | 21.9 | 0 |
| 10 | 64QAM | 1 | 25 | 20.99 | 20.99 | 20.99 | | |
| 10 | 64QAM | 1 | 49 | 20.88 | 20.94 | 20.80 | | |
| 10 | 64QAM | 25 | 0 | 20.79 | 20.93 | 20.88 | 21.9 | 0 |
| 10 | 64QAM | 25 | 12 | 20.89 | 20.94 | 20.88 | | |
| 10 | 64QAM | 25 | 25 | 20.74 | 20.90 | 20.76 | | |
| 10 | 64QAM | 50 | 0 | 20.89 | 20.89 | 20.78 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 20.82 | 21.01 | 20.91 | 21.9 | 0 |
| 5 | QPSK | 1 | 12 | 20.96 | 20.85 | 20.86 | | |
| 5 | QPSK | 1 | 24 | 20.85 | 21.05 | 20.69 | | |
| 5 | QPSK | 12 | 0 | 20.98 | 21.05 | 20.85 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.96 | 20.89 | 20.83 | | |
| 5 | QPSK | 12 | 13 | 20.92 | 20.97 | 20.81 | | |
| 5 | QPSK | 25 | 0 | 20.92 | 21.02 | 20.92 | | |
| 5 | 16QAM | 1 | 0 | 20.73 | 20.91 | 20.86 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.95 | 21.01 | 20.78 | | |
| 5 | 16QAM | 1 | 24 | 20.97 | 21.04 | 20.89 | | |
| 5 | 16QAM | 12 | 0 | 20.87 | 21.00 | 20.86 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.82 | 20.97 | 20.86 | | |
| 5 | 16QAM | 12 | 13 | 20.87 | 20.98 | 20.94 | | |
| 5 | 16QAM | 25 | 0 | 20.87 | 20.91 | 20.76 | | |
| 5 | 64QAM | 1 | 0 | 20.84 | 20.99 | 20.72 | 21.9 | 0 |
| 5 | 64QAM | 1 | 12 | 20.96 | 20.96 | 20.99 | | |
| 5 | 64QAM | 1 | 24 | 20.88 | 20.96 | 20.76 | | |
| 5 | 64QAM | 12 | 0 | 20.77 | 20.90 | 20.76 | 21.9 | 0 |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.97 | 20.97 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.91 | 20.77 | | |
| 5 | 64QAM | 25 | 0 | 20.86 | 20.87 | 20.80 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 20.88 | 21.04 | 20.94 | 21.9 | 0 |
| 3 | QPSK | 1 | 8 | 20.89 | 20.81 | 20.85 | | |
| 3 | QPSK | 1 | 14 | 20.86 | 21.03 | 20.70 | | |
| 3 | QPSK | 8 | 0 | 21.00 | 20.93 | 20.79 | 21.9 | 0 |
| 3 | QPSK | 8 | 4 | 20.98 | 20.86 | 20.89 | | |
| 3 | QPSK | 8 | 7 | 20.91 | 20.88 | 20.85 | | |
| 3 | QPSK | 15 | 0 | 20.93 | 20.93 | 20.97 | | |
| 3 | 16QAM | 1 | 0 | 20.77 | 20.87 | 20.89 | 21.9 | 0 |
| 3 | 16QAM | 1 | 8 | 20.93 | 20.99 | 20.82 | | |
| 3 | 16QAM | 1 | 14 | 20.95 | 20.98 | 20.94 | | |
| 3 | 16QAM | 8 | 0 | 20.83 | 20.99 | 20.82 | 21.9 | 0 |
| 3 | 16QAM | 8 | 4 | 20.87 | 20.89 | 20.84 | | |
| 3 | 16QAM | 8 | 7 | 20.92 | 20.98 | 20.95 | | |
| 3 | 16QAM | 15 | 0 | 20.86 | 20.92 | 20.74 | | |
| 3 | 64QAM | 1 | 0 | 20.81 | 21.01 | 20.74 | 21.9 | 0 |
| 3 | 64QAM | 1 | 8 | 21.02 | 20.96 | 20.96 | | |
| 3 | 64QAM | 1 | 14 | 20.85 | 20.97 | 20.82 | | |
| 3 | 64QAM | 8 | 0 | 20.85 | 20.90 | 20.87 | 21.9 | 0 |
| 3 | 64QAM | 8 | 4 | 20.92 | 20.99 | 20.95 | | |
| 3 | 64QAM | 8 | 7 | 20.83 | 20.94 | 20.72 | | |
| 3 | 64QAM | 15 | 0 | 20.86 | 20.90 | 20.85 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.90 | 20.99 | 20.94 | 21.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.95 | 20.76 | 20.84 | | |
| 1.4 | QPSK | 1 | 5 | 20.86 | 21.02 | 20.66 | | |
| 1.4 | QPSK | 3 | 0 | 21.04 | 21.02 | 20.84 | | |
| 1.4 | QPSK | 3 | 1 | 20.91 | 20.98 | 20.88 | | |
| 1.4 | QPSK | 3 | 3 | 20.94 | 20.92 | 20.87 | | |
| 1.4 | QPSK | 6 | 0 | 20.94 | 20.98 | 21.01 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.84 | 20.84 | 20.94 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.92 | 21.07 | 20.83 | | |
| 1.4 | 16QAM | 1 | 5 | 21.00 | 21.02 | 20.90 | | |
| 1.4 | 16QAM | 3 | 0 | 20.86 | 20.92 | 20.84 | | |
| 1.4 | 16QAM | 3 | 1 | 20.86 | 20.94 | 20.90 | | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 21.00 | 20.99 | | |
| 1.4 | 16QAM | 6 | 0 | 20.84 | 20.96 | 20.75 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.88 | 20.92 | 20.67 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.95 | 20.96 | 21.05 | | |
| 1.4 | 64QAM | 1 | 5 | 20.80 | 21.01 | 20.77 | | |
| 1.4 | 64QAM | 3 | 0 | 20.81 | 20.88 | 20.82 | | |
| 1.4 | 64QAM | 3 | 1 | 20.89 | 20.91 | 20.90 | | |
| 1.4 | 64QAM | 3 | 3 | 20.76 | 20.93 | 20.79 | | |
| 1.4 | 64QAM | 6 | 0 | 20.92 | 20.90 | 20.76 | 21.9 | 0 |

## Band 66 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 20.85 | 21.07 | 20.94 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 20.96 | 20.85 | 20.86 | | |
| 20 | QPSK | 1 | 99 | 20.92 | 21.00 | 20.96 | | |
| 20 | QPSK | 50 | 0 | 20.93 | 21.04 | 20.81 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 20.90 | 20.91 | 20.80 | | |
| 20 | QPSK | 50 | 50 | 20.96 | 20.90 | 20.89 | | |
| 20 | QPSK | 100 | 0 | 20.90 | 20.95 | 20.85 | | |
| 20 | 16QAM | 1 | 0 | 20.77 | 20.85 | 20.86 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 20.98 | 21.03 | 20.84 | | |
| 20 | 16QAM | 1 | 99 | 21.03 | 21.04 | 20.96 | | |
| 20 | 16QAM | 50 | 0 | 20.82 | 20.97 | 20.79 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.86 | 20.99 | 20.90 | | |
| 20 | 16QAM | 50 | 50 | 20.82 | 20.99 | 20.98 | | |
| 20 | 16QAM | 100 | 0 | 20.94 | 20.96 | 20.74 | | |
| 20 | 64QAM | 1 | 0 | 20.83 | 20.92 | 20.67 | 21.9 | 0 |
| 20 | 64QAM | 1 | 49 | 21.02 | 21.02 | 21.06 | | |
| 20 | 64QAM | 1 | 99 | 20.81 | 21.01 | 20.82 | | |
| 20 | 64QAM | 50 | 0 | 20.78 | 20.87 | 20.78 | 21.9 | 0 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.91 | 20.99 | | |
| 20 | 64QAM | 50 | 50 | 20.81 | 21.00 | 20.79 | | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.82 | 20.85 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.78 | 21.02 | 20.79 | 21.9 | 0 |
| 15 | QPSK | 1 | 37 | 20.90 | 20.76 | 20.78 | | |
| 15 | QPSK | 1 | 74 | 20.83 | 20.94 | 20.88 | | |
| 15 | QPSK | 36 | 0 | 20.85 | 20.94 | 20.76 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.78 | 20.87 | 20.76 | | |
| 15 | QPSK | 36 | 39 | 20.92 | 20.86 | 20.76 | | |
| 15 | QPSK | 75 | 0 | 20.77 | 20.91 | 20.81 | | |
| 15 | 16QAM | 1 | 0 | 20.66 | 20.72 | 20.79 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.91 | 20.90 | 20.71 | | |
| 15 | 16QAM | 1 | 74 | 20.92 | 21.00 | 20.86 | | |
| 15 | 16QAM | 36 | 0 | 20.73 | 20.86 | 20.74 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.78 | 20.88 | 20.85 | | |
| 15 | 16QAM | 36 | 39 | 20.74 | 20.93 | 20.93 | | |
| 15 | 16QAM | 75 | 0 | 20.81 | 20.82 | 20.67 | | |
| 15 | 64QAM | 1 | 0 | 20.72 | 20.85 | 20.60 | 21.9 | 0 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.91 | 21.01 | | |
| 15 | 64QAM | 1 | 74 | 20.71 | 20.91 | 20.78 | | |
| 15 | 64QAM | 36 | 0 | 20.67 | 20.78 | 20.70 | 21.9 | 0 |
| 15 | 64QAM | 36 | 20 | 20.75 | 20.82 | 20.85 | | |
| 15 | 64QAM | 36 | 39 | 20.72 | 20.96 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.86 | 20.70 | 20.79 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.81 | 20.97 | 20.85 | 21.9 | 0 |
| 10 | QPSK | 1 | 25 | 20.87 | 20.73 | 20.81 | | |
| 10 | QPSK | 1 | 49 | 20.82 | 20.91 | 20.88 | | |
| 10 | QPSK | 25 | 0 | 20.79 | 20.98 | 20.71 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.83 | 20.86 | 20.74 | | |
| 10 | QPSK | 25 | 25 | 20.91 | 20.84 | 20.78 | | |
| 10 | QPSK | 50 | 0 | 20.84 | 20.81 | 20.73 | | |
| 10 | 16QAM | 1 | 0 | 20.66 | 20.79 | 20.79 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 20.90 | 20.92 | 20.69 | | |
| 10 | 16QAM | 1 | 49 | 20.95 | 20.98 | 20.91 | | |
| 10 | 16QAM | 25 | 0 | 20.76 | 20.93 | 20.76 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.78 | 20.84 | 20.77 | | |
| 10 | 16QAM | 25 | 25 | 20.76 | 20.87 | 20.94 | | |
| 10 | 16QAM | 50 | 0 | 20.82 | 20.87 | 20.67 | | |
| 10 | 64QAM | 1 | 0 | 20.78 | 20.85 | 20.63 | 21.9 | 0 |
| 10 | 64QAM | 1 | 25 | 20.95 | 20.92 | 20.91 | | |
| 10 | 64QAM | 1 | 49 | 20.73 | 20.94 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 20.67 | 20.75 | 20.64 | 21.9 | 0 |
| 10 | 64QAM | 25 | 12 | 20.79 | 20.87 | 20.93 | | |
| 10 | 64QAM | 25 | 25 | 20.76 | 20.97 | 20.71 | | |
| 10 | 64QAM | 50 | 0 | 20.78 | 20.73 | 20.78 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.77 | 21.00 | 20.82 | 21.9 | 0 |
| 5 | QPSK | 1 | 12 | 20.91 | 20.77 | 20.82 | | |
| 5 | QPSK | 1 | 24 | 20.78 | 20.87 | 20.86 | | |
| 5 | QPSK | 12 | 0 | 20.84 | 21.00 | 20.73 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.85 | 20.81 | 20.76 | | |
| 5 | QPSK | 12 | 13 | 20.91 | 20.79 | 20.81 | | |
| 5 | QPSK | 25 | 0 | 20.80 | 20.92 | 20.71 | | |
| 5 | 16QAM | 1 | 0 | 20.66 | 20.75 | 20.80 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.93 | 20.94 | 20.81 | | |
| 5 | 16QAM | 1 | 24 | 20.93 | 20.92 | 20.93 | | |
| 5 | 16QAM | 12 | 0 | 20.70 | 20.90 | 20.76 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.74 | 20.87 | 20.84 | | |
| 5 | 16QAM | 12 | 13 | 20.77 | 20.91 | 20.90 | | |
| 5 | 16QAM | 25 | 0 | 20.91 | 20.93 | 20.61 | | |
| 5 | 64QAM | 1 | 0 | 20.73 | 20.80 | 20.64 | 21.9 | 0 |
| 5 | 64QAM | 1 | 12 | 20.87 | 20.98 | 20.98 | | |
| 5 | 64QAM | 1 | 24 | 20.66 | 20.94 | 20.74 | | |
| 5 | 64QAM | 12 | 0 | 20.75 | 20.73 | 20.64 | 21.9 | 0 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.82 | 20.93 | | |
| 5 | 64QAM | 12 | 13 | 20.70 | 20.88 | 20.74 | | |
| 5 | 64QAM | 25 | 0 | 20.87 | 20.76 | 20.75 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.72 | 21.03 | 20.84 | 21.9 | 0 |
| 3 | QPSK | 1 | 8 | 20.88 | 20.71 | 20.80 | | |
| 3 | QPSK | 1 | 14 | 20.78 | 20.93 | 20.89 | | |
| 3 | QPSK | 8 | 0 | 20.81 | 20.98 | 20.73 | 21.9 | 0 |
| 3 | QPSK | 8 | 4 | 20.84 | 20.81 | 20.66 | | |
| 3 | QPSK | 8 | 7 | 20.90 | 20.78 | 20.76 | | |
| 3 | QPSK | 15 | 0 | 20.81 | 20.92 | 20.73 | | |
| 3 | 16QAM | 1 | 0 | 20.69 | 20.71 | 20.81 | 21.9 | 0 |
| 3 | 16QAM | 1 | 8 | 20.92 | 20.96 | 20.76 | | |
| 3 | 16QAM | 1 | 14 | 20.89 | 21.00 | 20.89 | | |
| 3 | 16QAM | 8 | 0 | 20.74 | 20.85 | 20.72 | 21.9 | 0 |
| 3 | 16QAM | 8 | 4 | 20.72 | 20.95 | 20.82 | | |
| 3 | 16QAM | 8 | 7 | 20.74 | 20.89 | 20.87 | | |
| 3 | 16QAM | 15 | 0 | 20.81 | 20.89 | 20.62 | | |
| 3 | 64QAM | 1 | 0 | 20.79 | 20.84 | 20.52 | 21.9 | 0 |
| 3 | 64QAM | 1 | 8 | 20.98 | 20.97 | 21.01 | | |
| 3 | 64QAM | 1 | 14 | 20.72 | 20.92 | 20.75 | | |
| 3 | 64QAM | 8 | 0 | 20.63 | 20.78 | 20.64 | 21.9 | 0 |
| 3 | 64QAM | 8 | 4 | 20.79 | 20.85 | 20.89 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.88 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.86 | 20.68 | 20.80 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.74 | 20.94 | 20.86 | 21.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.81 | 20.71 | 20.81 | | |
| 1.4 | QPSK | 1 | 5 | 20.82 | 20.96 | 20.86 | | |
| 1.4 | QPSK | 3 | 0 | 20.86 | 20.93 | 20.74 | | |
| 1.4 | QPSK | 3 | 1 | 20.77 | 20.84 | 20.67 | | |
| 1.4 | QPSK | 3 | 3 | 20.90 | 20.86 | 20.76 | | |
| 1.4 | QPSK | 6 | 0 | 20.82 | 20.88 | 20.82 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.64 | 20.72 | 20.76 | 21.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.86 | 20.91 | 20.79 | | |
| 1.4 | 16QAM | 1 | 5 | 20.89 | 20.92 | 20.86 | | |
| 1.4 | 16QAM | 3 | 0 | 20.72 | 20.89 | 20.76 | | |
| 1.4 | 16QAM | 3 | 1 | 20.78 | 20.87 | 20.81 | | |
| 1.4 | 16QAM | 3 | 3 | 20.78 | 20.96 | 20.85 | | |
| 1.4 | 16QAM | 6 | 0 | 20.85 | 20.92 | 20.63 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.72 | 20.80 | 20.60 | 21.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.95 | 20.89 | 20.96 | | |
| 1.4 | 64QAM | 1 | 5 | 20.71 | 20.93 | 20.68 | | |
| 1.4 | 64QAM | 3 | 0 | 20.70 | 20.83 | 20.67 | | |
| 1.4 | 64QAM | 3 | 1 | 20.75 | 20.80 | 20.93 | | |
| 1.4 | 64QAM | 3 | 3 | 20.78 | 20.90 | 20.64 | | |
| 1.4 | 64QAM | 6 | 0 | 20.84 | 20.68 | 20.81 | 21.9 | 0 |

## Band 38 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.22 | 20.35 | 20.20 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.21 | 20.20 | 20.13 | | |
| 20 | QPSK | 1 | 99 | 20.33 | 20.31 | 20.17 | | |
| 20 | QPSK | 50 | 0 | 20.26 | 20.31 | 20.20 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.21 | 20.20 | 20.11 | | |
| 20 | QPSK | 50 | 50 | 20.29 | 20.19 | 20.25 | | |
| 20 | QPSK | 100 | 0 | 20.26 | 20.29 | 20.23 | | |
| 20 | 16QAM | 1 | 0 | 20.14 | 20.21 | 20.20 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.28 | 20.21 | | |
| 20 | 16QAM | 1 | 99 | 20.27 | 20.29 | 20.28 | | |
| 20 | 16QAM | 50 | 0 | 20.23 | 20.24 | 20.24 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.27 | 20.26 | 20.14 | | |
| 20 | 16QAM | 50 | 50 | 20.16 | 20.33 | 20.32 | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.24 | 20.10 | | |
| 20 | 64QAM | 1 | 0 | 20.16 | 20.31 | 20.05 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.23 | 20.25 | 20.30 | | |
| 20 | 64QAM | 1 | 99 | 20.18 | 20.24 | 20.13 | | |
| 20 | 64QAM | 50 | 0 | 20.18 | 20.19 | 20.10 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.19 | 20.16 | 20.28 | | |
| 20 | 64QAM | 50 | 50 | 20.21 | 20.25 | 20.09 | | |
| 20 | 64QAM | 100 | 0 | 20.16 | 20.30 | 20.10 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.18 | 20.27 | 20.13 | 21.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.07 | 20.15 | 20.01 | | |
| 15 | QPSK | 1 | 74 | 20.23 | 20.23 | 20.12 | | |
| 15 | QPSK | 36 | 0 | 20.14 | 20.19 | 20.07 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.09 | 20.09 | 20.06 | | |
| 15 | QPSK | 36 | 39 | 20.20 | 20.15 | 20.13 | | |
| 15 | QPSK | 75 | 0 | 20.17 | 20.16 | 20.17 | | |
| 15 | 16QAM | 1 | 0 | 20.01 | 20.11 | 20.14 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.20 | 20.17 | 20.17 | | |
| 15 | 16QAM | 1 | 74 | 20.22 | 20.25 | 20.14 | | |
| 15 | 16QAM | 36 | 0 | 20.19 | 20.09 | 20.18 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 20.13 | 20.14 | 20.02 | | |
| 15 | 16QAM | 36 | 39 | 20.09 | 20.19 | 20.24 | | |
| 15 | 16QAM | 75 | 0 | 20.07 | 20.09 | 20.02 | | |
| 15 | 64QAM | 1 | 0 | 20.11 | 20.26 | 19.94 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 20.25 | 20.20 | 20.23 | | |
| 15 | 64QAM | 1 | 74 | 20.08 | 20.16 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 20.14 | 20.13 | 19.97 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 20.11 | 20.31 | 20.25 | | |
| 15 | 64QAM | 36 | 39 | 20.07 | 20.15 | 20.01 | | |
| 15 | 64QAM | 75 | 0 | 20.05 | 20.21 | 20.06 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.17 | 20.22 | 20.10 | 21.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.15 | 20.17 | 20.02 | | |
| 10 | QPSK | 1 | 49 | 20.24 | 20.20 | 20.09 | | |
| 10 | QPSK | 25 | 0 | 20.16 | 20.21 | 20.07 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.18 | 20.11 | 20.04 | | |
| 10 | QPSK | 25 | 25 | 20.19 | 20.06 | 20.15 | | |
| 10 | QPSK | 50 | 0 | 20.13 | 20.19 | 20.19 | | |
| 10 | 16QAM | 1 | 0 | 20.00 | 20.17 | 20.15 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.23 | 20.21 | 20.17 | | |
| 10 | 16QAM | 1 | 49 | 20.33 | 20.25 | 20.18 | | |
| 10 | 16QAM | 25 | 0 | 20.11 | 20.13 | 20.13 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 20.17 | 20.20 | 19.99 | | |
| 10 | 16QAM | 25 | 25 | 20.11 | 20.25 | 20.28 | | |
| 10 | 16QAM | 50 | 0 | 20.02 | 20.11 | 20.06 | | |
| 10 | 64QAM | 1 | 0 | 20.02 | 20.23 | 19.94 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 20.30 | 20.32 | 20.22 | | |
| 10 | 64QAM | 1 | 49 | 20.14 | 20.17 | 20.09 | | |
| 10 | 64QAM | 25 | 0 | 20.07 | 20.09 | 20.02 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 20.06 | 20.25 | 20.18 | | |
| 10 | 64QAM | 25 | 25 | 20.13 | 20.18 | 20.04 | | |
| 10 | 64QAM | 50 | 0 | 20.07 | 20.27 | 20.06 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.09 | 20.32 | 20.11 | 21.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.14 | 20.13 | 20.05 | | |
| 5 | QPSK | 1 | 24 | 20.22 | 20.28 | 20.08 | | |
| 5 | QPSK | 12 | 0 | 20.17 | 20.23 | 20.10 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.07 | 20.14 | 19.98 | | |
| 5 | QPSK | 12 | 13 | 20.25 | 20.05 | 20.14 | | |
| 5 | QPSK | 25 | 0 | 20.18 | 20.19 | 20.20 | | |
| 5 | 16QAM | 1 | 0 | 20.07 | 20.07 | 20.16 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.18 | 20.21 | 20.11 | | |
| 5 | 16QAM | 1 | 24 | 20.31 | 20.17 | 20.18 | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.14 | 20.19 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 20.16 | 20.16 | 20.04 | | |
| 5 | 16QAM | 12 | 13 | 20.12 | 20.24 | 20.27 | | |
| 5 | 16QAM | 25 | 0 | 20.06 | 20.10 | 20.03 | | |
| 5 | 64QAM | 1 | 0 | 20.05 | 20.24 | 20.00 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 20.28 | 20.23 | 20.27 | | |
| 5 | 64QAM | 1 | 24 | 20.09 | 20.10 | 19.99 | | |
| 5 | 64QAM | 12 | 0 | 20.08 | 20.08 | 20.05 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 20.16 | 20.20 | 20.18 | | |
| 5 | 64QAM | 12 | 13 | 20.18 | 20.22 | 20.06 | | |

## Band 41 Ant 1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.08 | 19.97 | 20.18 | 20.07 | 20.03 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.04 | 19.98 | 20.01 | 19.89 | 19.98 | | |
| 20 | QPSK | 1 | 99 | 20.10 | 19.99 | 20.16 | 19.96 | 19.95 | | |
| 20 | QPSK | 50 | 0 | 20.10 | 20.06 | 20.13 | 19.99 | 19.99 | 21.2 | 0 |
| 20 | QPSK | 50 | 24 | 20.08 | 19.92 | 20.03 | 19.92 | 19.90 | | |
| 20 | QPSK | 50 | 50 | 20.10 | 20.04 | 19.95 | 20.11 | 20.02 | | |
| 20 | QPSK | 100 | 0 | 20.05 | 20.02 | 20.11 | 20.00 | 20.00 | | |
| 20 | 16QAM | 1 | 0 | 19.91 | 20.00 | 20.06 | 20.05 | 20.06 | 21.2 | 0 |
| 20 | 16QAM | 1 | 49 | 20.14 | 19.96 | 20.12 | 19.98 | 19.99 | | |
| 20 | 16QAM | 1 | 99 | 20.10 | 20.11 | 20.16 | 20.14 | 20.08 | | |
| 20 | 16QAM | 50 | 0 | 20.05 | 20.03 | 20.03 | 20.07 | 20.07 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.04 | 19.94 | 20.12 | 19.90 | 20.00 | | |
| 20 | 16QAM | 50 | 50 | 20.00 | 20.11 | 20.14 | 20.08 | 20.09 | | |
| 20 | 16QAM | 100 | 0 | 19.93 | 19.96 | 20.09 | 19.90 | 19.87 | | |
| 20 | 64QAM | 1 | 0 | 19.93 | 19.83 | 20.10 | 19.83 | 19.83 | 21.2 | 0 |
| 20 | 64QAM | 1 | 49 | 20.01 | 20.05 | 20.06 | 20.15 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 19.98 | 19.92 | 20.01 | 19.94 | 19.91 | | |
| 20 | 64QAM | 50 | 0 | 19.96 | 19.91 | 19.98 | 19.95 | 19.93 | 21.2 | 0 |
| 20 | 64QAM | 50 | 24 | 20.03 | 20.11 | 19.94 | 20.12 | 20.10 | | |
| 20 | 64QAM | 50 | 50 | 20.01 | 19.87 | 20.10 | 19.96 | 19.90 | | |
| 20 | 64QAM | 100 | 0 | 19.99 | 19.91 | 20.06 | 19.95 | 19.94 | | |
| 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 | 19.99 | 19.84 | 20.12 | 19.99 | 19.96 | 21.20 | 0 |
| 15 | QPSK | 1 | 37 | 19.94 | 19.83 | 19.95 | 19.84 | 19.91 | | |
| 15 | QPSK | 1 | 74 | 20.00 | 19.87 | 20.08 | 19.83 | 19.86 | | |
| 15 | QPSK | 36 | 0 | 20.07 | 19.97 | 20.07 | 19.91 | 19.85 | 21.2 | 0 |
| 15 | QPSK | 36 | 20 | 19.97 | 19.88 | 19.90 | 19.88 | 19.81 | | |
| 15 | QPSK | 36 | 39 | 20.02 | 19.96 | 19.84 | 19.99 | 19.98 | | |
| 15 | QPSK | 75 | 0 | 19.98 | 19.96 | 20.07 | 19.89 | 19.91 | | |
| 15 | 16QAM | 1 | 0 | 19.78 | 19.94 | 19.98 | 20.00 | 19.94 | 21.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.07 | 19.88 | 20.01 | 19.87 | 19.95 | | |
| 15 | 16QAM | 1 | 74 | 20.07 | 20.04 | 20.09 | 20.10 | 19.98 | | |
| 15 | 16QAM | 36 | 0 | 19.98 | 19.93 | 19.97 | 19.95 | 19.93 | 21.2 | 0 |
| 15 | 16QAM | 36 | 20 | 19.90 | 19.86 | 19.99 | 19.81 | 19.89 | | |
| 15 | 16QAM | 36 | 39 | 19.96 | 20.07 | 20.00 | 19.95 | 20.14 | | |
| 15 | 16QAM | 75 | 0 | 19.86 | 19.89 | 19.94 | 19.87 | 19.72 | | |
| 15 | 64QAM | 1 | 0 | 19.82 | 19.73 | 19.97 | 19.69 | 19.78 | 21.2 | 0 |
| 15 | 64QAM | 1 | 37 | 19.96 | 20.01 | 19.93 | 20.01 | 20.01 | | |
| 15 | 64QAM | 1 | 74 | 19.87 | 19.77 | 19.88 | 19.88 | 19.76 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.76 | 19.89 | 19.80 | 19.86 | 21.2 | 0 |
| 15 | 64QAM | 36 | 20 | 19.95 | 19.97 | 19.90 | 20.02 | 20.05 | | |
| 15 | 64QAM | 36 | 39 | 19.89 | 19.84 | 19.97 | 19.89 | 19.85 | | |
| 15 | 64QAM | 75 | 0 | 19.96 | 19.83 | 19.95 | 19.80 | 19.90 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.02 | 19.84 | 20.06 | 20.02 | 19.93 | 21.20 | 0 |
| 10 | QPSK | 1 | 25 | 19.95 | 19.91 | 19.95 | 19.77 | 19.86 | | |
| 10 | QPSK | 1 | 49 | 20.05 | 19.86 | 20.03 | 19.92 | 19.87 | | |
| 10 | QPSK | 25 | 0 | 20.05 | 19.97 | 19.99 | 19.87 | 19.88 | 21.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.04 | 19.80 | 19.90 | 19.81 | 19.83 | | |
| 10 | QPSK | 25 | 25 | 19.99 | 20.00 | 19.88 | 20.00 | 19.94 | | |
| 10 | QPSK | 50 | 0 | 19.94 | 19.94 | 20.01 | 19.86 | 19.89 | | |
| 10 | 16QAM | 1 | 0 | 19.85 | 19.86 | 19.94 | 19.90 | 19.99 | 21.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.10 | 19.90 | 20.05 | 19.90 | 19.92 | | |
| 10 | 16QAM | 1 | 49 | 20.00 | 20.04 | 20.05 | 20.10 | 19.95 | | |
| 10 | 16QAM | 25 | 0 | 19.97 | 19.95 | 19.97 | 19.93 | 19.94 | 21.2 | 0 |
| 10 | 16QAM | 25 | 12 | 19.92 | 19.85 | 20.08 | 19.87 | 19.89 | | |
| 10 | 16QAM | 25 | 25 | 19.95 | 20.00 | 20.05 | 20.04 | 20.15 | | |
| 10 | 16QAM | 50 | 0 | 19.81 | 19.81 | 19.97 | 19.84 | 19.81 | | |
| 10 | 64QAM | 1 | 0 | 19.80 | 19.77 | 20.04 | 19.74 | 19.71 | 21.2 | 0 |
| 10 | 64QAM | 1 | 25 | 19.95 | 19.97 | 19.96 | 20.01 | 20.06 | | |
| 10 | 64QAM | 1 | 49 | 19.94 | 19.84 | 19.96 | 19.90 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.85 | 19.87 | 19.88 | 19.83 | 19.88 | 21.2 | 0 |
| 10 | 64QAM | 25 | 12 | 19.96 | 20.04 | 19.90 | 19.99 | 19.97 | | |
| 10 | 64QAM | 25 | 25 | 19.87 | 19.75 | 19.98 | 19.88 | 19.78 | | |
| 10 | 64QAM | 50 | 0 | 19.96 | 19.78 | 19.92 | 19.81 | 19.85 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.05 | 19.87 | 20.03 | 20.04 | 19.94 | 21.20 | 0 |
| 5 | QPSK | 1 | 12 | 19.91 | 19.93 | 19.92 | 19.76 | 19.91 | | |
| 5 | QPSK | 1 | 24 | 20.01 | 19.92 | 20.01 | 19.81 | 19.92 | | |
| 5 | QPSK | 12 | 0 | 20.03 | 20.01 | 19.99 | 19.93 | 19.88 | 21.2 | 0 |
| 5 | QPSK | 12 | 7 | 19.99 | 19.78 | 19.90 | 19.78 | 19.81 | | |
| 5 | QPSK | 12 | 13 | 20.06 | 19.98 | 19.86 | 19.98 | 19.97 | | |
| 5 | QPSK | 25 | 0 | 20.01 | 19.96 | 19.96 | 19.95 | 19.95 | | |
| 5 | 16QAM | 1 | 0 | 19.77 | 19.89 | 20.01 | 20.00 | 19.91 | 21.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.05 | 19.89 | 20.01 | 19.87 | 19.87 | | |
| 5 | 16QAM | 1 | 24 | 20.07 | 20.00 | 20.04 | 20.00 | 19.96 | | |
| 5 | 16QAM | 12 | 0 | 19.99 | 19.91 | 19.90 | 19.98 | 19.95 | 21.2 | 0 |
| 5 | 16QAM | 12 | 7 | 19.98 | 19.90 | 20.05 | 19.85 | 19.96 | | |
| 5 | 16QAM | 12 | 13 | 19.88 | 20.03 | 20.01 | 20.04 | 20.15 | | |
| 5 | 16QAM | 25 | 0 | 19.87 | 19.89 | 19.96 | 19.77 | 19.73 | | |
| 5 | 64QAM | 1 | 0 | 19.86 | 19.73 | 20.07 | 19.72 | 19.72 | 21.2 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.00 | 19.95 | 20.00 | 20.06 | | |
| 5 | 64QAM | 1 | 24 | 19.83 | 19.82 | 19.95 | 19.88 | 19.79 | | |
| 5 | 64QAM | 12 | 0 | 19.81 | 19.83 | 19.84 | 19.89 | 19.82 | 21.2 | 0 |
| 5 | 64QAM | 12 | 7 | 19.89 | 20.01 | 19.87 | 20.04 | 20.06 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.80 | 20.06 | 19.89 | 19.78 | | |

GSM850 Ant 2 DSI5

| 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 | 27.40 | 27.27 | 27.55 | 28.50 | 18.40 | 18.27 | 18.55 | 19.50 |
| GPRS 1 Tx slot | 27.38 | 27.18 | 27.50 | 28.50 | 18.38 | 18.18 | 18.50 | 19.50 |
| GPRS 2 Tx slots | 24.21 | 24.09 | 24.40 | 25.50 | 18.21 | 18.09 | 18.40 | 19.50 |
| GPRS 3 Tx slots | 22.49 | 22.40 | 22.72 | 23.70 | 18.23 | 18.14 | 18.46 | 19.44 |
| GPRS 4 Tx slots | 21.60 | 21.79 | 21.44 | 22.50 | 18.60 | 18.79 | 18.44 | 19.50 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI5

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 19.45 | 19.53 | 19.43 | 20.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 19.55 | 19.70 | 19.55 | 20.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.52 | 16.54 | 16.44 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.45 | 16.63 | 16.27 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.04 | 18.24 | 17.88 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 17.98 | 18.11 | 18.03 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.45 | 16.39 | 16.38 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.43 | 16.84 | 16.80 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 17.90 | 18.16 | 17.98 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 17.90 | 18.13 | 18.01 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.44 | 16.67 | 16.35 | 17.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 14.49 | 14.64 | 14.32 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.43 | 15.92 | 15.56 | 16.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 14.47 | 14.55 | 14.46 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.58 | 16.68 | 16.53 | 17.50 |

## Band 5 Ant 2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 19.88 | 20.04 | 19.91 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.92 | 19.92 | 19.87 | | |
| 10 | QPSK | 1 | 49 | 19.87 | 19.86 | 19.93 | | |
| 10 | QPSK | 25 | 0 | 19.91 | 19.98 | 19.97 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.82 | 19.74 | 19.91 | | |
| 10 | QPSK | 25 | 25 | 19.69 | 19.86 | 19.75 | | |
| 10 | QPSK | 50 | 0 | 19.94 | 19.96 | 19.83 | | |
| 10 | 16QAM | 1 | 0 | 19.91 | 19.72 | 19.65 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.94 | 20.03 | 19.86 | | |
| 10 | 16QAM | 1 | 49 | 19.89 | 19.90 | 19.77 | | |
| 10 | 16QAM | 25 | 0 | 19.85 | 19.92 | 19.77 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.78 | 19.75 | 19.93 | | |
| 10 | 16QAM | 25 | 25 | 19.98 | 19.91 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 19.77 | 19.85 | 19.87 | | |
| 10 | 64QAM | 1 | 0 | 19.81 | 19.81 | 19.89 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.96 | 19.97 | 19.92 | | |
| 10 | 64QAM | 1 | 49 | 19.91 | 19.90 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.82 | 19.86 | 19.83 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.83 | 19.98 | 19.89 | | |
| 10 | 64QAM | 25 | 25 | 19.95 | 19.93 | 19.83 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.95 | 19.65 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.01 | 19.92 | 19.83 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.83 | 19.88 | 19.97 | | |
| 5 | QPSK | 1 | 24 | 19.98 | 19.91 | 19.82 | | |
| 5 | QPSK | 12 | 0 | 19.89 | 19.96 | 19.96 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.71 | 19.89 | 19.89 | | |
| 5 | QPSK | 12 | 13 | 19.80 | 19.88 | 19.91 | | |
| 5 | QPSK | 25 | 0 | 19.94 | 19.94 | 19.98 | | |
| 5 | 16QAM | 1 | 0 | 19.72 | 19.76 | 19.81 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.97 | 20.03 | 19.86 | | |
| 5 | 16QAM | 1 | 24 | 20.00 | 19.81 | 19.84 | | |
| 5 | 16QAM | 12 | 0 | 19.88 | 19.85 | 19.94 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.78 | 19.90 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.86 | 20.02 | 19.86 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.84 | 19.98 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.79 | 19.75 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.01 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 19.99 | 19.78 | 19.89 | | |
| 5 | 64QAM | 12 | 0 | 19.80 | 19.93 | 19.80 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.96 | 19.87 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.80 | 19.88 | 19.83 | | |
| 5 | 64QAM | 25 | 0 | 19.70 | 19.90 | 19.83 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 19.95 | 19.93 | 19.92 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.88 | 19.79 | 19.86 | | |
| 3 | QPSK | 1 | 14 | 19.82 | 19.90 | 20.00 | | |
| 3 | QPSK | 8 | 0 | 19.85 | 19.97 | 20.02 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.86 | 19.86 | 19.89 | | |
| 3 | QPSK | 8 | 7 | 19.70 | 19.95 | 19.84 | | |
| 3 | QPSK | 15 | 0 | 19.88 | 19.79 | 19.81 | | |
| 3 | 16QAM | 1 | 0 | 19.92 | 19.75 | 19.78 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.91 | 19.91 | 19.91 | | |
| 3 | 16QAM | 1 | 14 | 19.97 | 19.81 | 19.94 | | |
| 3 | 16QAM | 8 | 0 | 19.92 | 19.78 | 19.72 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.74 | 19.85 | 20.01 | | |
| 3 | 16QAM | 8 | 7 | 19.92 | 19.83 | 19.93 | | |
| 3 | 16QAM | 15 | 0 | 19.74 | 19.91 | 19.87 | | |
| 3 | 64QAM | 1 | 0 | 19.73 | 19.76 | 19.88 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.92 | 19.91 | 19.90 | | |
| 3 | 64QAM | 1 | 14 | 19.83 | 19.95 | 19.87 | | |
| 3 | 64QAM | 8 | 0 | 19.97 | 19.97 | 19.86 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 20.02 | 19.89 | 19.87 | | |
| 3 | 64QAM | 8 | 7 | 19.79 | 19.78 | 19.89 | | |
| 3 | 64QAM | 15 | 0 | 19.91 | 19.76 | 19.63 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.96 | 19.99 | 19.97 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.73 | 19.80 | 19.85 | | |
| 1.4 | QPSK | 1 | 5 | 19.92 | 19.78 | 19.81 | | |
| 1.4 | QPSK | 3 | 0 | 19.80 | 20.03 | 19.99 | | |
| 1.4 | QPSK | 3 | 1 | 19.71 | 19.74 | 19.92 | | |
| 1.4 | QPSK | 3 | 3 | 19.71 | 19.91 | 19.84 | | |
| 1.4 | QPSK | 6 | 0 | 19.80 | 19.87 | 19.90 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.85 | 19.81 | 19.83 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.02 | 19.90 | 19.87 | | |
| 1.4 | 16QAM | 1 | 5 | 19.97 | 20.00 | 19.93 | | |
| 1.4 | 16QAM | 3 | 0 | 19.79 | 19.91 | 19.89 | | |
| 1.4 | 16QAM | 3 | 1 | 19.73 | 19.96 | 19.96 | | |
| 1.4 | 16QAM | 3 | 3 | 19.85 | 19.99 | 19.94 | | |
| 1.4 | 16QAM | 6 | 0 | 19.73 | 19.77 | 19.83 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.82 | 19.87 | 19.91 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.86 | 20.03 | 19.98 | | |
| 1.4 | 64QAM | 1 | 5 | 19.97 | 19.85 | 19.82 | | |
| 1.4 | 64QAM | 3 | 0 | 20.01 | 19.78 | 19.79 | | |
| 1.4 | 64QAM | 3 | 1 | 19.92 | 19.98 | 19.96 | | |
| 1.4 | 64QAM | 3 | 3 | 19.88 | 19.86 | 19.91 | | |
| 1.4 | 64QAM | 6 | 0 | 19.94 | 19.83 | 19.71 | 21 | 0 |

## Band 12 Ant 2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.27 | 21.34 | 21.26 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.08 | 21.16 | 21.19 | | |
| 10 | QPSK | 1 | 49 | 21.23 | 21.16 | 21.20 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.32 | 21.17 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 21.12 | 21.14 | 21.07 | | |
| 10 | QPSK | 25 | 25 | 21.14 | 21.19 | 21.12 | | |
| 10 | QPSK | 50 | 0 | 21.12 | 21.28 | 21.22 | | |
| 10 | 16QAM | 1 | 0 | 21.08 | 21.10 | 20.99 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.30 | 21.26 | 21.32 | | |
| 10 | 16QAM | 1 | 49 | 21.29 | 21.23 | 21.10 | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.16 | 21.14 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.21 | 21.27 | | |
| 10 | 16QAM | 25 | 25 | 21.20 | 21.20 | 21.28 | | |
| 10 | 16QAM | 50 | 0 | 21.11 | 21.20 | 21.19 | | |
| 10 | 64QAM | 1 | 0 | 21.07 | 21.12 | 21.21 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.18 | 21.27 | 21.31 | | |
| 10 | 64QAM | 1 | 49 | 21.24 | 21.10 | 21.15 | | |
| 10 | 64QAM | 25 | 0 | 21.17 | 21.11 | 21.27 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.24 | 21.17 | 21.33 | | |
| 10 | 64QAM | 25 | 25 | 21.20 | 21.18 | 21.25 | | |
| 10 | 64QAM | 50 | 0 | 21.27 | 21.22 | 21.03 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.15 | 21.29 | 21.15 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.98 | 21.13 | 21.09 | | |
| 5 | QPSK | 1 | 24 | 21.08 | 21.07 | 21.08 | | |
| 5 | QPSK | 12 | 0 | 21.14 | 21.27 | 21.03 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 21.01 | 21.05 | 20.94 | | |
| 5 | QPSK | 12 | 13 | 21.01 | 21.12 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.04 | 21.23 | 21.19 | | |
| 5 | 16QAM | 1 | 0 | 21.04 | 20.95 | 20.86 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.18 | 21.12 | 21.25 | | |
| 5 | 16QAM | 1 | 24 | 21.17 | 21.16 | 21.05 | | |
| 5 | 16QAM | 12 | 0 | 21.10 | 21.09 | 21.03 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 21.12 | 21.17 | 21.14 | | |
| 5 | 16QAM | 12 | 13 | 21.05 | 21.09 | 21.16 | | |
| 5 | 16QAM | 25 | 0 | 21.01 | 21.06 | 21.12 | | |
| 5 | 64QAM | 1 | 0 | 20.93 | 21.03 | 21.14 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.17 | 21.21 | | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.06 | 21.04 | | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.05 | 21.16 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 21.15 | 21.14 | 21.27 | | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.12 | 21.21 | | |
| 5 | 64QAM | 25 | 0 | 21.16 | 21.08 | 20.90 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.20 | 21.31 | 21.21 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 21.01 | 21.08 | 21.08 | | |
| 3 | QPSK | 1 | 14 | 21.14 | 21.04 | 21.17 | | |
| 3 | QPSK | 8 | 0 | 21.16 | 21.23 | 21.06 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 21.05 | 21.10 | 21.02 | | |
| 3 | QPSK | 8 | 7 | 21.07 | 21.13 | 21.07 | | |
| 3 | QPSK | 15 | 0 | 21.00 | 21.20 | 21.09 | | |
| 3 | 16QAM | 1 | 0 | 21.00 | 20.99 | 20.85 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 21.25 | 21.20 | 21.19 | | |
| 3 | 16QAM | 1 | 14 | 21.18 | 21.19 | 20.95 | | |
| 3 | 16QAM | 8 | 0 | 21.08 | 21.03 | 21.07 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 21.01 | 21.11 | 21.13 | | |
| 3 | 16QAM | 8 | 7 | 21.10 | 21.16 | 21.16 | | |
| 3 | 16QAM | 15 | 0 | 21.04 | 21.07 | 21.11 | | |
| 3 | 64QAM | 1 | 0 | 21.03 | 20.98 | 21.11 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 21.11 | 21.12 | 21.23 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.05 | 21.06 | | |
| 3 | 64QAM | 8 | 0 | 21.07 | 21.07 | 21.13 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 21.18 | 21.06 | 21.19 | | |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.11 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.15 | 21.09 | 20.94 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.22 | 21.25 | 21.17 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.94 | 21.09 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.13 | 21.08 | 21.13 | | |
| 1.4 | QPSK | 3 | 0 | 21.09 | 21.24 | 21.12 | | |
| 1.4 | QPSK | 3 | 1 | 20.99 | 21.02 | 20.96 | | |
| 1.4 | QPSK | 3 | 3 | 21.04 | 21.14 | 20.99 | | |
| 1.4 | QPSK | 6 | 0 | 20.98 | 21.21 | 21.14 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.94 | 20.99 | 20.86 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.16 | 21.21 | 21.23 | | |
| 1.4 | 16QAM | 1 | 5 | 21.15 | 21.15 | 21.02 | | |
| 1.4 | 16QAM | 3 | 0 | 21.10 | 21.03 | 21.09 | | |
| 1.4 | 16QAM | 3 | 1 | 21.08 | 21.07 | 21.22 | | |
| 1.4 | 16QAM | 3 | 3 | 21.10 | 21.13 | 21.20 | | |
| 1.4 | 16QAM | 6 | 0 | 21.05 | 21.12 | 21.11 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.02 | 20.98 | 21.08 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.08 | 21.13 | 21.23 | | |
| 1.4 | 64QAM | 1 | 5 | 21.12 | 21.02 | 21.11 | | |
| 1.4 | 64QAM | 3 | 0 | 21.02 | 21.00 | 21.22 | | |
| 1.4 | 64QAM | 3 | 1 | 21.15 | 21.04 | 21.23 | | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 21.10 | 21.12 | | |
| 1.4 | 64QAM | 6 | 0 | 21.19 | 21.14 | 20.92 | 22 | 0 |

## Band 13 Ant 2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 20.15 | | 21 | 0 |
| 10 | QPSK | 1 | 25 | | 20.13 | | | |
| 10 | QPSK | 1 | 49 | | 20.09 | | | |
| 10 | QPSK | 25 | 0 | | 20.08 | | 21 | 0 |
| 10 | QPSK | 25 | 12 | | 19.92 | | | |
| 10 | QPSK | 25 | 25 | | 20.01 | | | |
| 10 | QPSK | 50 | 0 | | 20.04 | | | |
| 10 | 16QAM | 1 | 0 | | 19.87 | | 21 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.07 | | | |
| 10 | 16QAM | 1 | 49 | | 20.10 | | | |
| 10 | 16QAM | 25 | 0 | | 20.01 | | 21 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.07 | | | |
| 10 | 16QAM | 25 | 25 | | 20.01 | | | |
| 10 | 16QAM | 50 | 0 | | 19.97 | | | |
| 10 | 64QAM | 1 | 0 | | 19.90 | | 21 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.14 | | | |
| 10 | 64QAM | 1 | 49 | | 19.89 | | | |
| 10 | 64QAM | 25 | 0 | | 19.97 | | 21 | 0 |
| 10 | 64QAM | 25 | 12 | | 19.99 | | | |
| 10 | 64QAM | 25 | 25 | | 20.00 | | | |
| 10 | 64QAM | 50 | 0 | | 20.06 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.01 | 20.07 | 20.02 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.84 | 19.97 | 19.96 | | |
| 5 | QPSK | 1 | 24 | 20.05 | 19.90 | 19.93 | | |
| 5 | QPSK | 12 | 0 | 19.89 | 20.00 | 19.88 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.79 | 19.86 | 19.83 | | |
| 5 | QPSK | 12 | 13 | 19.79 | 20.00 | 19.81 | | |
| 5 | QPSK | 25 | 0 | 19.77 | 20.06 | 20.00 | | |
| 5 | 16QAM | 1 | 0 | 19.77 | 19.74 | 19.64 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 20.06 | 20.05 | 20.14 | | |
| 5 | 16QAM | 1 | 24 | 20.11 | 19.90 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.86 | 19.90 | 19.79 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.89 | 19.89 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 19.90 | 19.89 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.89 | 19.82 | | |
| 5 | 64QAM | 1 | 0 | 19.83 | 19.88 | 19.94 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.06 | 20.04 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 19.83 | 19.84 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.88 | 20.08 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.99 | 19.89 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.87 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.07 | 20.01 | 19.81 | | |

## Band 17 Ant 2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.12 | 21.19 | 21.08 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.00 | 21.04 | 21.06 | | |
| 10 | QPSK | 1 | 49 | 21.09 | 21.12 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.07 | 21.16 | 21.12 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.06 | 21.03 | | |
| 10 | QPSK | 25 | 25 | 20.96 | 21.15 | 20.99 | | |
| 10 | QPSK | 50 | 0 | 21.06 | 21.10 | 21.07 | | |
| 10 | 16QAM | 1 | 0 | 21.06 | 20.98 | 20.89 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.15 | 21.10 | 21.16 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.11 | 21.07 | | |
| 10 | 16QAM | 25 | 0 | 21.03 | 21.06 | 20.98 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 21.00 | 21.09 | 21.08 | | |
| 10 | 16QAM | 25 | 25 | 21.06 | 21.13 | 21.07 | | |
| 10 | 16QAM | 50 | 0 | 20.98 | 21.08 | 21.10 | | |
| 10 | 64QAM | 1 | 0 | 20.98 | 21.00 | 21.10 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.13 | 21.02 | 21.04 | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.03 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.01 | 21.10 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.12 | 21.10 | | |
| 10 | 64QAM | 25 | 25 | 21.05 | 21.06 | 21.10 | | |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.05 | 20.97 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.01 | 21.06 | 21.00 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.94 | 20.94 | 20.93 | | |
| 5 | QPSK | 1 | 24 | 21.04 | 21.01 | 20.98 | | |
| 5 | QPSK | 12 | 0 | 20.93 | 21.11 | 21.04 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.96 | 21.01 | 20.91 | | |
| 5 | QPSK | 12 | 13 | 20.93 | 21.08 | 20.89 | | |
| 5 | QPSK | 25 | 0 | 20.98 | 21.02 | 20.97 | | |
| 5 | 16QAM | 1 | 0 | 21.02 | 20.88 | 20.81 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.00 | 21.04 | 21.06 | | |
| 5 | 16QAM | 1 | 24 | 20.99 | 21.02 | 20.97 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.98 | 20.88 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.91 | 21.00 | 21.03 | | |
| 5 | 16QAM | 12 | 13 | 20.98 | 21.09 | 21.08 | | |
| 5 | 16QAM | 25 | 0 | 20.84 | 21.00 | 21.06 | | |
| 5 | 64QAM | 1 | 0 | 20.88 | 20.92 | 20.95 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 21.07 | 21.10 | 21.11 | | |
| 5 | 64QAM | 1 | 24 | 20.96 | 20.95 | 21.03 | | |
| 5 | 64QAM | 12 | 0 | 21.09 | 20.96 | 21.01 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.98 | 21.04 | 21.00 | | |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.95 | 20.95 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 20.97 | 20.91 | | |

## Band 26 Ant 2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 19.88 | 20.11 | 19.94 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.79 | 20.00 | 19.89 | | |
| 15 | QPSK | 1 | 74 | 20.10 | 20.00 | 19.96 | | |
| 15 | QPSK | 36 | 0 | 20.02 | 20.09 | 19.96 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.83 | 20.04 | 20.03 | | |
| 15 | QPSK | 36 | 39 | 19.84 | 19.96 | 19.99 | | |
| 15 | QPSK | 75 | 0 | 20.04 | 20.05 | 19.96 | | |
| 15 | 16QAM | 1 | 0 | 19.88 | 19.95 | 19.83 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.95 | 19.98 | 19.95 | | |
| 15 | 16QAM | 1 | 74 | 19.99 | 20.10 | 20.06 | | |
| 15 | 16QAM | 36 | 0 | 19.99 | 19.99 | 19.88 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.95 | 20.07 | 19.87 | | |
| 15 | 16QAM | 36 | 39 | 19.92 | 19.98 | 20.04 | | |
| 15 | 16QAM | 75 | 0 | 19.97 | 20.02 | 20.00 | | |
| 15 | 64QAM | 1 | 0 | 19.82 | 19.87 | 19.90 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 20.05 | 19.99 | 19.80 | | |
| 15 | 64QAM | 1 | 74 | 20.06 | 20.05 | 19.94 | | |
| 15 | 64QAM | 36 | 0 | 20.01 | 19.84 | 20.09 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.93 | 20.07 | 20.10 | | |
| 15 | 64QAM | 36 | 39 | 19.87 | 19.93 | 20.03 | | |
| 15 | 64QAM | 75 | 0 | 20.03 | 19.93 | 19.78 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 19.87 | 20.08 | 19.88 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.92 | 19.98 | 19.97 | | |
| 10 | QPSK | 1 | 49 | 19.96 | 19.96 | 20.03 | | |
| 10 | QPSK | 25 | 0 | 20.03 | 20.00 | 20.08 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.92 | 19.91 | 20.01 | | |
| 10 | QPSK | 25 | 25 | 19.82 | 19.91 | 19.83 | | |
| 10 | QPSK | 50 | 0 | 19.98 | 19.95 | 19.91 | | |
| 10 | 16QAM | 1 | 0 | 19.88 | 19.94 | 19.83 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 20.02 | 20.03 | 20.10 | | |
| 10 | 16QAM | 1 | 49 | 20.00 | 19.92 | 19.92 | | |
| 10 | 16QAM | 25 | 0 | 19.92 | 19.98 | 19.90 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.86 | 19.93 | 19.99 | | |
| 10 | 16QAM | 25 | 25 | 19.92 | 19.96 | 19.91 | | |
| 10 | 16QAM | 50 | 0 | 19.79 | 19.94 | 19.87 | | |
| 10 | 64QAM | 1 | 0 | 19.85 | 20.01 | 20.01 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.99 | 19.85 | 19.90 | | |
| 10 | 64QAM | 1 | 49 | 20.10 | 19.91 | 19.96 | | |
| 10 | 64QAM | 25 | 0 | 19.95 | 19.99 | 19.93 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.97 | 20.03 | 19.96 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.07 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.07 | 19.95 | 19.89 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 19.92 | 20.05 | 19.97 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.89 | 19.97 | 20.04 | | |
| 5 | QPSK | 1 | 24 | 20.02 | 20.01 | 19.94 | | |
| 5 | QPSK | 12 | 0 | 19.97 | 20.05 | 20.10 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.97 | 20.01 | 19.96 | | |
| 5 | QPSK | 12 | 13 | 19.87 | 20.03 | 19.84 | | |
| 5 | QPSK | 25 | 0 | 20.04 | 20.02 | 19.91 | | |
| 5 | 16QAM | 1 | 0 | 19.95 | 19.86 | 19.80 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 20.07 | 19.98 | 20.05 | | |
| 5 | 16QAM | 1 | 24 | 19.89 | 19.92 | 19.91 | | |
| 5 | 16QAM | 12 | 0 | 20.00 | 20.06 | 20.03 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 20.00 | 19.88 | 19.95 | | |
| 5 | 16QAM | 12 | 13 | 19.92 | 19.93 | 19.91 | | |
| 5 | 16QAM | 25 | 0 | 19.96 | 19.95 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 19.85 | 19.89 | 20.04 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 19.93 | 19.90 | | |
| 5 | 64QAM | 1 | 24 | 19.97 | 19.95 | 19.98 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 19.91 | 19.93 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.87 | 19.96 | 20.10 | | |
| 5 | 64QAM | 12 | 13 | 19.94 | 20.02 | 19.99 | | |
| 5 | 64QAM | 25 | 0 | 20.04 | 19.95 | 19.86 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 19.99 | 20.06 | 19.96 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.89 | 20.05 | 20.03 | | |
| 3 | QPSK | 1 | 14 | 20.07 | 19.93 | 20.07 | | |
| 3 | QPSK | 8 | 0 | 20.04 | 20.07 | 20.08 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.98 | 20.01 | 19.94 | | |
| 3 | QPSK | 8 | 7 | 19.88 | 19.97 | 19.92 | | |
| 3 | QPSK | 15 | 0 | 19.94 | 19.95 | 19.95 | | |
| 3 | 16QAM | 1 | 0 | 19.91 | 19.78 | 19.91 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.92 | 20.06 | 19.95 | | |
| 3 | 16QAM | 1 | 14 | 19.95 | 20.09 | 19.98 | | |
| 3 | 16QAM | 8 | 0 | 19.88 | 19.97 | 19.96 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.93 | 20.08 | 19.90 | | |
| 3 | 16QAM | 8 | 7 | 19.87 | 20.06 | 19.93 | | |
| 3 | 16QAM | 15 | 0 | 19.89 | 19.93 | 20.00 | | |
| 3 | 64QAM | 1 | 0 | 19.92 | 19.84 | 20.10 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 20.07 | 19.83 | 20.01 | | |
| 3 | 64QAM | 1 | 14 | 20.07 | 20.07 | 19.94 | | |
| 3 | 64QAM | 8 | 0 | 20.00 | 19.99 | 19.97 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.85 | 19.97 | 20.06 | | |
| 3 | 64QAM | 8 | 7 | 20.06 | 19.92 | 20.05 | | |
| 3 | 64QAM | 15 | 0 | 20.05 | 19.97 | 19.78 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.94 | 20.09 | 20.00 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.93 | 20.01 | 20.05 | | |
| 1.4 | QPSK | 1 | 5 | 20.01 | 20.06 | 19.98 | | |
| 1.4 | QPSK | 3 | 0 | 20.01 | 20.02 | 19.92 | | |
| 1.4 | QPSK | 3 | 1 | 19.99 | 19.90 | 20.04 | | |
| 1.4 | QPSK | 3 | 3 | 19.91 | 20.00 | 19.98 | | |
| 1.4 | QPSK | 6 | 0 | 20.05 | 20.04 | 19.91 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.90 | 19.95 | 19.91 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.07 | 20.09 | 19.92 | | |
| 1.4 | 16QAM | 1 | 5 | 19.88 | 19.98 | 19.99 | | |
| 1.4 | 16QAM | 3 | 0 | 19.99 | 20.02 | 19.86 | | |
| 1.4 | 16QAM | 3 | 1 | 19.91 | 19.99 | 19.84 | | |
| 1.4 | 16QAM | 3 | 3 | 19.99 | 20.04 | 20.05 | | |
| 1.4 | 16QAM | 6 | 0 | 19.82 | 20.06 | 19.88 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.82 | 19.94 | 20.03 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.99 | 19.84 | 19.89 | | |
| 1.4 | 64QAM | 1 | 5 | 20.02 | 20.01 | 19.98 | | |
| 1.4 | 64QAM | 3 | 0 | 20.06 | 20.00 | 19.96 | | |
| 1.4 | 64QAM | 3 | 1 | 19.91 | 19.97 | 20.04 | | |
| 1.4 | 64QAM | 3 | 3 | 20.05 | 19.95 | 20.05 | | |
| 1.4 | 64QAM | 6 | 0 | 20.06 | 20.06 | 19.93 | 21 | 0 |

## Band 7 ENDC Ant 5 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 13.49 | 13.84 | 13.47 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.76 | 13.58 | 13.57 | | |
| 20 | QPSK | 1 | 99 | 13.44 | 13.44 | 13.40 | | |
| 20 | QPSK | 50 | 0 | 13.54 | 13.81 | 13.72 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.52 | 13.62 | 13.72 | | |
| 20 | QPSK | 50 | 50 | 13.69 | 13.75 | 13.40 | | |
| 20 | QPSK | 100 | 0 | 13.66 | 13.68 | 13.48 | | |
| 20 | 16QAM | 1 | 0 | 13.56 | 13.77 | 13.71 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.57 | 13.63 | 13.53 | | |
| 20 | 16QAM | 1 | 99 | 13.65 | 13.54 | 13.65 | | |
| 20 | 16QAM | 50 | 0 | 13.43 | 13.71 | 13.54 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.41 | 13.60 | 13.45 | | |
| 20 | 16QAM | 50 | 50 | 13.59 | 13.70 | 13.42 | | |
| 20 | 16QAM | 100 | 0 | 13.65 | 13.52 | 13.58 | | |
| 20 | 64QAM | 1 | 0 | 13.46 | 13.75 | 13.50 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.80 | 13.71 | 13.64 | | |
| 20 | 64QAM | 1 | 99 | 13.66 | 13.58 | 13.64 | | |
| 20 | 64QAM | 50 | 0 | 13.48 | 13.70 | 13.68 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.63 | 13.42 | 13.60 | | |
| 20 | 64QAM | 50 | 50 | 13.46 | 13.53 | 13.67 | | |
| 20 | 64QAM | 100 | 0 | 13.47 | 13.83 | 13.49 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 13.42 | 13.73 | 13.40 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.67 | 13.46 | 13.47 | | |
| 15 | QPSK | 1 | 74 | 13.36 | 13.37 | 13.33 | | |
| 15 | QPSK | 36 | 0 | 13.44 | 13.72 | 13.60 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.40 | 13.54 | 13.64 | | |
| 15 | QPSK | 36 | 39 | 13.61 | 13.64 | 13.30 | | |
| 15 | QPSK | 75 | 0 | 13.57 | 13.57 | 13.39 | | |
| 15 | 16QAM | 1 | 0 | 13.48 | 13.70 | 13.62 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.46 | 13.54 | 13.43 | | |
| 15 | 16QAM | 1 | 74 | 13.56 | 13.42 | 13.57 | | |
| 15 | 16QAM | 36 | 0 | 13.30 | 13.63 | 13.46 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.32 | 13.53 | 13.37 | | |
| 15 | 16QAM | 36 | 39 | 13.48 | 13.61 | 13.30 | | |
| 15 | 16QAM | 75 | 0 | 13.55 | 13.44 | 13.47 | | |
| 15 | 64QAM | 1 | 0 | 13.36 | 13.68 | 13.38 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.68 | 13.61 | 13.52 | | |
| 15 | 64QAM | 1 | 74 | 13.54 | 13.46 | 13.56 | | |
| 15 | 64QAM | 36 | 0 | 13.39 | 13.62 | 13.58 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.51 | 13.30 | 13.50 | | |
| 15 | 64QAM | 36 | 39 | 13.36 | 13.42 | 13.57 | | |
| 15 | 64QAM | 75 | 0 | 13.35 | 13.72 | 13.41 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 13.42 | 13.72 | 13.36 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.63 | 13.48 | 13.47 | | |
| 10 | QPSK | 1 | 49 | 13.35 | 13.33 | 13.27 | | |
| 10 | QPSK | 25 | 0 | 13.43 | 13.73 | 13.62 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.41 | 13.52 | 13.60 | | |
| 10 | QPSK | 25 | 25 | 13.57 | 13.63 | 13.30 | | |
| 10 | QPSK | 50 | 0 | 13.59 | 13.55 | 13.35 | | |
| 10 | 16QAM | 1 | 0 | 13.46 | 13.68 | 13.60 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.45 | 13.55 | 13.45 | | |
| 10 | 16QAM | 1 | 49 | 13.53 | 13.47 | 13.58 | | |
| 10 | 16QAM | 25 | 0 | 13.33 | 13.63 | 13.43 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.30 | 13.53 | 13.38 | | |
| 10 | 16QAM | 25 | 25 | 13.48 | 13.59 | 13.33 | | |
| 10 | 16QAM | 50 | 0 | 13.57 | 13.42 | 13.51 | | |
| 10 | 64QAM | 1 | 0 | 13.37 | 13.67 | 13.38 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.70 | 13.62 | 13.53 | | |
| 10 | 64QAM | 1 | 49 | 13.54 | 13.49 | 13.54 | | |
| 10 | 64QAM | 25 | 0 | 13.40 | 13.59 | 13.60 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.51 | 13.32 | 13.52 | | |
| 10 | 64QAM | 25 | 25 | 13.35 | 13.42 | 13.54 | | |
| 10 | 64QAM | 50 | 0 | 13.40 | 13.72 | 13.40 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 13.41 | 13.77 | 13.40 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.69 | 13.48 | 13.48 | | |
| 5 | QPSK | 1 | 24 | 13.31 | 13.32 | 13.29 | | |
| 5 | QPSK | 12 | 0 | 13.47 | 13.73 | 13.60 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.42 | 13.51 | 13.59 | | |
| 5 | QPSK | 12 | 13 | 13.61 | 13.66 | 13.32 | | |
| 5 | QPSK | 25 | 0 | 13.59 | 13.56 | 13.36 | | |
| 5 | 16QAM | 1 | 0 | 13.44 | 13.64 | 13.58 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.49 | 13.50 | 13.45 | | |
| 5 | 16QAM | 1 | 24 | 13.55 | 13.45 | 13.54 | | |
| 5 | 16QAM | 12 | 0 | 13.33 | 13.61 | 13.45 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.30 | 13.50 | 13.33 | | |
| 5 | 16QAM | 12 | 13 | 13.50 | 13.61 | 13.32 | | |
| 5 | 16QAM | 25 | 0 | 13.56 | 13.42 | 13.46 | | |
| 5 | 64QAM | 1 | 0 | 13.38 | 13.64 | 13.42 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.68 | 13.58 | 13.53 | | |
| 5 | 64QAM | 1 | 24 | 13.54 | 13.46 | 13.52 | | |
| 5 | 64QAM | 12 | 0 | 13.36 | 13.57 | 13.59 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.52 | 13.31 | 13.49 | | |
| 5 | 64QAM | 12 | 13 | 13.34 | 13.40 | 13.58 | | |
| 5 | 64QAM | 25 | 0 | 13.39 | 13.71 | 13.36 | | |

GSM1900 Ant 6 DSI5

| 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 | 22.62 | 22.41 | 22.69 | 24.10 | 13.62 | 13.41 | 13.69 | 15.10 |
| GPRS 1 Tx slot | 22.55 | 22.65 | 22.56 | 24.10 | 13.55 | 13.65 | 13.56 | 15.10 |
| GPRS 2 Tx slots | 19.59 | 19.43 | 19.51 | 21.10 | 13.59 | 13.43 | 13.51 | 15.10 |
| GPRS 3 Tx slots | 17.87 | 17.57 | 17.58 | 19.30 | 13.61 | 13.31 | 13.32 | 15.04 |
| GPRS 4 Tx slots | 16.56 | 16.70 | 16.46 | 18.10 | 13.56 | 13.70 | 13.46 | 15.10 |
| EDGE 1 Tx slot | 22.68 | 22.29 | 22.41 | 24.10 | 13.68 | 13.29 | 13.41 | 15.10 |
| EDGE 2 Tx slots | 19.64 | 19.40 | 19.47 | 21.10 | 13.64 | 13.40 | 13.47 | 15.10 |
| EDGE 3 Tx slots | 17.84 | 17.67 | 17.85 | 19.30 | 13.58 | 13.41 | 13.59 | 15.04 |
| EDGE 4 Tx slots | 16.56 | 16.28 | 16.38 | 18.10 | 13.56 | 13.28 | 13.38 | 15.10 |

WCDMA II Ant 6 DSI5 / WCDMA IV Ant 6 DSI5

| 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 | 12.72 | 12.82 | 12.66 | 14.00 | 16.29 | 16.49 | 16.42 | 17.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 12.89 | 12.97 | 12.78 | 14.00 | 16.51 | 16.65 | 16.51 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 12.02 | 12.17 | 11.94 | 13.20 | 15.34 | 15.49 | 15.20 | 16.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 11.85 | 12.02 | 11.92 | 13.20 | 15.30 | 15.29 | 15.45 | 16.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 11.40 | 11.44 | 11.19 | 12.50 | 14.84 | 15.02 | 14.80 | 16.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 11.03 | 11.37 | 11.35 | 12.50 | 15.08 | 15.24 | 15.20 | 16.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 12.09 | 12.21 | 12.08 | 13.20 | 15.20 | 15.48 | 15.44 | 16.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 11.82 | 11.83 | 11.73 | 13.20 | 15.50 | 15.51 | 15.30 | 16.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 11.19 | 11.36 | 11.11 | 12.50 | 14.88 | 14.93 | 15.03 | 16.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 11.27 | 11.09 | 11.06 | 12.50 | 14.99 | 14.75 | 14.69 | 16.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 11.95 | 12.20 | 11.96 | 13.20 | 15.42 | 15.49 | 15.52 | 16.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 8.77 | 8.78 | 8.63 | 10.00 | 13.49 | 13.54 | 13.38 | 14.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 9.67 | 9.94 | 9.90 | 11.00 | 14.48 | 14.53 | 14.29 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 8.88 | 8.89 | 8.81 | 10.00 | 13.31 | 13.38 | 13.22 | 14.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 11.95 | 12.12 | 11.94 | 13.20 | 15.22 | 15.47 | 15.64 | 16.50 |

## Band 2 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 12.90 | 12.93 | 12.81 | 14.2 | 0 |
| 20 | QPSK | 1 | 49 | 12.70 | 12.67 | 12.71 | | |
| 20 | QPSK | 1 | 99 | 12.82 | 12.74 | 12.81 | | |
| 20 | QPSK | 50 | 0 | 12.83 | 12.85 | 12.80 | 14.2 | 0 |
| 20 | QPSK | 50 | 24 | 12.70 | 12.73 | 12.74 | | |
| 20 | QPSK | 50 | 50 | 12.74 | 12.84 | 12.70 | | |
| 20 | QPSK | 100 | 0 | 12.77 | 12.83 | 12.80 | | |
| 20 | 16QAM | 1 | 0 | 12.67 | 12.74 | 12.61 | 14.2 | 0 |
| 20 | 16QAM | 1 | 49 | 12.91 | 12.81 | 12.83 | | |
| 20 | 16QAM | 1 | 99 | 12.89 | 12.82 | 12.78 | | |
| 20 | 16QAM | 50 | 0 | 12.76 | 12.75 | 12.74 | 14.2 | 0 |
| 20 | 16QAM | 50 | 24 | 12.70 | 12.75 | 12.87 | | |
| 20 | 16QAM | 50 | 50 | 12.74 | 12.84 | 12.84 | | |
| 20 | 16QAM | 100 | 0 | 12.73 | 12.80 | 12.85 | | |
| 20 | 64QAM | 1 | 0 | 12.71 | 12.71 | 12.72 | 14.2 | 0 |
| 20 | 64QAM | 1 | 49 | 12.85 | 12.92 | 12.89 | | |
| 20 | 64QAM | 1 | 99 | 12.88 | 12.74 | 12.79 | | |
| 20 | 64QAM | 50 | 0 | 12.82 | 12.73 | 12.80 | 14.2 | 0 |
| 20 | 64QAM | 50 | 24 | 12.88 | 12.81 | 12.92 | | |
| 20 | 64QAM | 50 | 50 | 12.75 | 12.72 | 12.82 | | |
| 20 | 64QAM | 100 | 0 | 12.92 | 12.73 | 12.66 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 12.85 | 12.87 | 12.73 | 14.2 | 0 |
| 15 | QPSK | 1 | 37 | 12.62 | 12.53 | 12.68 | | |
| 15 | QPSK | 1 | 74 | 12.71 | 12.59 | 12.73 | | |
| 15 | QPSK | 36 | 0 | 12.70 | 12.76 | 12.69 | 14.2 | 0 |
| 15 | QPSK | 36 | 20 | 12.67 | 12.58 | 12.65 | | |
| 15 | QPSK | 36 | 39 | 12.64 | 12.80 | 12.61 | | |
| 15 | QPSK | 75 | 0 | 12.73 | 12.72 | 12.75 | | |
| 15 | 16QAM | 1 | 0 | 12.59 | 12.67 | 12.47 | 14.2 | 0 |
| 15 | 16QAM | 1 | 37 | 12.79 | 12.75 | 12.73 | | |
| 15 | 16QAM | 1 | 74 | 12.83 | 12.71 | 12.68 | | |
| 15 | 16QAM | 36 | 0 | 12.66 | 12.69 | 12.66 | 14.2 | 0 |
| 15 | 16QAM | 36 | 20 | 12.65 | 12.68 | 12.75 | | |
| 15 | 16QAM | 36 | 39 | 12.68 | 12.69 | 12.73 | | |
| 15 | 16QAM | 75 | 0 | 12.68 | 12.67 | 12.76 | | |
| 15 | 64QAM | 1 | 0 | 12.56 | 12.60 | 12.65 | 14.2 | 0 |
| 15 | 64QAM | 1 | 37 | 12.73 | 12.88 | 12.80 | | |
| 15 | 64QAM | 1 | 74 | 12.76 | 12.68 | 12.71 | | |
| 15 | 64QAM | 36 | 0 | 12.70 | 12.67 | 12.66 | 14.2 | 0 |
| 15 | 64QAM | 36 | 20 | 12.79 | 12.75 | 12.79 | | |
| 15 | 64QAM | 36 | 39 | 12.62 | 12.58 | 12.70 | | |
| 15 | 64QAM | 75 | 0 | 12.86 | 12.62 | 12.54 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 12.78 | 12.83 | 12.78 | 14.2 | 0 |
| 10 | QPSK | 1 | 25 | 12.57 | 12.52 | 12.68 | | |
| 10 | QPSK | 1 | 49 | 12.71 | 12.68 | 12.69 | | |
| 10 | QPSK | 25 | 0 | 12.79 | 12.76 | 12.67 | 14.2 | 0 |
| 10 | QPSK | 25 | 12 | 12.56 | 12.67 | 12.64 | | |
| 10 | QPSK | 25 | 25 | 12.67 | 12.70 | 12.61 | | |
| 10 | QPSK | 50 | 0 | 12.72 | 12.78 | 12.77 | | |
| 10 | 16QAM | 1 | 0 | 12.63 | 12.65 | 12.49 | 14.2 | 0 |
| 10 | 16QAM | 1 | 25 | 12.84 | 12.76 | 12.80 | | |
| 10 | 16QAM | 1 | 49 | 12.82 | 12.72 | 12.64 | | |
| 10 | 16QAM | 25 | 0 | 12.68 | 12.67 | 12.59 | 14.2 | 0 |
| 10 | 16QAM | 25 | 12 | 12.60 | 12.64 | 12.83 | | |
| 10 | 16QAM | 25 | 25 | 12.65 | 12.77 | 12.70 | | |
| 10 | 16QAM | 50 | 0 | 12.67 | 12.75 | 12.77 | | |
| 10 | 64QAM | 1 | 0 | 12.65 | 12.65 | 12.65 | 14.2 | 0 |
| 10 | 64QAM | 1 | 25 | 12.71 | 12.89 | 12.81 | | |
| 10 | 64QAM | 1 | 49 | 12.83 | 12.69 | 12.69 | | |
| 10 | 64QAM | 25 | 0 | 12.78 | 12.68 | 12.68 | 14.2 | 0 |
| 10 | 64QAM | 25 | 12 | 12.78 | 12.74 | 12.79 | | |
| 10 | 64QAM | 25 | 25 | 12.66 | 12.59 | 12.76 | | |
| 10 | 64QAM | 50 | 0 | 12.88 | 12.59 | 12.55 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 12.80 | 12.89 | 12.77 | 14.2 | 0 |
| 5 | QPSK | 1 | 12 | 12.67 | 12.57 | 12.66 | | |
| 5 | QPSK | 1 | 24 | 12.70 | 12.68 | 12.73 | | |
| 5 | QPSK | 12 | 0 | 12.78 | 12.71 | 12.76 | 14.2 | 0 |
| 5 | QPSK | 12 | 7 | 12.56 | 12.67 | 12.71 | | |
| 5 | QPSK | 12 | 13 | 12.60 | 12.73 | 12.62 | | |
| 5 | QPSK | 25 | 0 | 12.70 | 12.78 | 12.73 | | |
| 5 | 16QAM | 1 | 0 | 12.62 | 12.68 | 12.53 | 14.2 | 0 |
| 5 | 16QAM | 1 | 12 | 12.82 | 12.67 | 12.75 | | |
| 5 | 16QAM | 1 | 24 | 12.79 | 12.67 | 12.66 | | |
| 5 | 16QAM | 12 | 0 | 12.68 | 12.69 | 12.60 | 14.2 | 0 |
| 5 | 16QAM | 12 | 7 | 12.61 | 12.71 | 12.76 | | |
| 5 | 16QAM | 12 | 13 | 12.67 | 12.75 | 12.79 | | |
| 5 | 16QAM | 25 | 0 | 12.60 | 12.75 | 12.76 | | |
| 5 | 64QAM | 1 | 0 | 12.64 | 12.67 | 12.58 | 14.2 | 0 |
| 5 | 64QAM | 1 | 12 | 12.75 | 12.79 | 12.83 | | |
| 5 | 64QAM | 1 | 24 | 12.80 | 12.69 | 12.68 | | |
| 5 | 64QAM | 12 | 0 | 12.78 | 12.64 | 12.76 | 14.2 | 0 |
| 5 | 64QAM | 12 | 7 | 12.79 | 12.75 | 12.87 | | |
| 5 | 64QAM | 12 | 13 | 12.69 | 12.61 | 12.73 | | |
| 5 | 64QAM | 25 | 0 | 12.77 | 12.61 | 12.56 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 12.77 | 12.85 | 12.68 | 14.2 | 0 |
| 3 | QPSK | 1 | 8 | 12.59 | 12.55 | 12.56 | | |
| 3 | QPSK | 1 | 14 | 12.73 | 12.70 | 12.75 | | |
| 3 | QPSK | 8 | 0 | 12.68 | 12.71 | 12.67 | 14.2 | 0 |
| 3 | QPSK | 8 | 4 | 12.57 | 12.63 | 12.67 | | |
| 3 | QPSK | 8 | 7 | 12.60 | 12.79 | 12.61 | | |
| 3 | QPSK | 15 | 0 | 12.64 | 12.76 | 12.67 | | |
| 3 | 16QAM | 1 | 0 | 12.59 | 12.66 | 12.54 | 14.2 | 0 |
| 3 | 16QAM | 1 | 8 | 12.82 | 12.72 | 12.76 | | |
| 3 | 16QAM | 1 | 14 | 12.77 | 12.79 | 12.74 | | |
| 3 | 16QAM | 8 | 0 | 12.64 | 12.70 | 12.65 | 14.2 | 0 |
| 3 | 16QAM | 8 | 4 | 12.63 | 12.67 | 12.77 | | |
| 3 | 16QAM | 8 | 7 | 12.61 | 12.71 | 12.75 | | |
| 3 | 16QAM | 15 | 0 | 12.60 | 12.76 | 12.81 | | |
| 3 | 64QAM | 1 | 0 | 12.58 | 12.66 | 12.58 | 14.2 | 0 |
| 3 | 64QAM | 1 | 8 | 12.74 | 12.88 | 12.80 | | |
| 3 | 64QAM | 1 | 14 | 12.82 | 12.68 | 12.66 | | |
| 3 | 64QAM | 8 | 0 | 12.75 | 12.61 | 12.67 | 14.2 | 0 |
| 3 | 64QAM | 8 | 4 | 12.84 | 12.70 | 12.84 | | |
| 3 | 64QAM | 8 | 7 | 12.61 | 12.62 | 12.69 | | |
| 3 | 64QAM | 15 | 0 | 12.85 | 12.62 | 12.61 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.82 | 12.79 | 12.73 | 14.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.59 | 12.63 | 12.63 | | |
| 1.4 | QPSK | 1 | 5 | 12.74 | 12.70 | 12.68 | | |
| 1.4 | QPSK | 3 | 0 | 12.69 | 12.75 | 12.69 | | |
| 1.4 | QPSK | 3 | 1 | 12.65 | 12.59 | 12.60 | | |
| 1.4 | QPSK | 3 | 3 | 12.71 | 12.70 | 12.57 | | |
| 1.4 | QPSK | 6 | 0 | 12.64 | 12.71 | 12.72 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.61 | 12.60 | 12.53 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.77 | 12.71 | 12.80 | | |
| 1.4 | 16QAM | 1 | 5 | 12.76 | 12.77 | 12.70 | | |
| 1.4 | 16QAM | 3 | 0 | 12.69 | 12.67 | 12.71 | | |
| 1.4 | 16QAM | 3 | 1 | 12.59 | 12.61 | 12.79 | | |
| 1.4 | 16QAM | 3 | 3 | 12.67 | 12.75 | 12.80 | | |
| 1.4 | 16QAM | 6 | 0 | 12.63 | 12.66 | 12.73 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.68 | 12.56 | 12.59 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.81 | 12.88 | 12.83 | | |
| 1.4 | 64QAM | 1 | 5 | 12.79 | 12.61 | 12.68 | | |
| 1.4 | 64QAM | 3 | 0 | 12.79 | 12.64 | 12.65 | | |
| 1.4 | 64QAM | 3 | 1 | 12.77 | 12.75 | 12.78 | | |
| 1.4 | 64QAM | 3 | 3 | 12.70 | 12.63 | 12.73 | | |
| 1.4 | 64QAM | 6 | 0 | 12.79 | 12.68 | 12.58 | 14.2 | 0 |

## Band 4 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 15.88 | 15.99 | 15.85 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 15.69 | 15.68 | 15.77 | | |
| 20 | QPSK | 1 | 99 | 15.83 | 15.78 | 15.82 | | |
| 20 | QPSK | 50 | 0 | 15.82 | 15.88 | 15.79 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 15.73 | 15.76 | 15.73 | | |
| 20 | QPSK | 50 | 50 | 15.71 | 15.87 | 15.69 | | |
| 20 | QPSK | 100 | 0 | 15.76 | 15.86 | 15.81 | | |
| 20 | 16QAM | 1 | 0 | 15.69 | 15.72 | 15.63 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 15.91 | 15.79 | 15.85 | | |
| 20 | 16QAM | 1 | 99 | 15.93 | 15.87 | 15.78 | | |
| 20 | 16QAM | 50 | 0 | 15.75 | 15.73 | 15.77 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 15.74 | 15.75 | 15.91 | | |
| 20 | 16QAM | 50 | 50 | 15.73 | 15.80 | 15.84 | | |
| 20 | 16QAM | 100 | 0 | 15.73 | 15.80 | 15.83 | | |
| 20 | 64QAM | 1 | 0 | 15.77 | 15.70 | 15.72 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 15.89 | 15.87 | 15.90 | | |
| 20 | 64QAM | 1 | 99 | 15.93 | 15.81 | 15.82 | | |
| 20 | 64QAM | 50 | 0 | 15.87 | 15.75 | 15.85 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 15.95 | 15.79 | 15.90 | | |
| 20 | 64QAM | 50 | 50 | 15.77 | 15.70 | 15.77 | | |
| 20 | 64QAM | 100 | 0 | 15.96 | 15.75 | 15.72 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 15.76 | 15.93 | 15.79 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 15.56 | 15.58 | 15.71 | | |
| 15 | QPSK | 1 | 74 | 15.71 | 15.64 | 15.78 | | |
| 15 | QPSK | 36 | 0 | 15.73 | 15.82 | 15.69 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 15.62 | 15.71 | 15.59 | | |
| 15 | QPSK | 36 | 39 | 15.57 | 15.80 | 15.61 | | |
| 15 | QPSK | 75 | 0 | 15.63 | 15.73 | 15.77 | | |
| 15 | 16QAM | 1 | 0 | 15.60 | 15.65 | 15.57 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 15.77 | 15.66 | 15.78 | | |
| 15 | 16QAM | 1 | 74 | 15.84 | 15.81 | 15.66 | | |
| 15 | 16QAM | 36 | 0 | 15.60 | 15.62 | 15.64 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 15.68 | 15.61 | 15.85 | | |
| 15 | 16QAM | 36 | 39 | 15.64 | 15.66 | 15.72 | | |
| 15 | 16QAM | 75 | 0 | 15.63 | 15.73 | 15.77 | | |
| 15 | 64QAM | 1 | 0 | 15.62 | 15.64 | 15.58 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 15.78 | 15.76 | 15.84 | | |
| 15 | 64QAM | 1 | 74 | 15.79 | 15.71 | 15.67 | | |
| 15 | 64QAM | 36 | 0 | 15.81 | 15.65 | 15.77 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 15.82 | 15.69 | 15.82 | | |
| 15 | 64QAM | 36 | 39 | 15.73 | 15.58 | 15.64 | | |
| 15 | 64QAM | 75 | 0 | 15.83 | 15.62 | 15.61 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 15.76 | 15.88 | 15.81 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 15.58 | 15.54 | 15.68 | | |
| 10 | QPSK | 1 | 49 | 15.77 | 15.67 | 15.73 | | |
| 10 | QPSK | 25 | 0 | 15.79 | 15.85 | 15.76 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 15.68 | 15.63 | 15.60 | | |
| 10 | QPSK | 25 | 25 | 15.63 | 15.76 | 15.60 | | |
| 10 | QPSK | 50 | 0 | 15.65 | 15.72 | 15.71 | | |
| 10 | 16QAM | 1 | 0 | 15.58 | 15.67 | 15.49 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 15.85 | 15.75 | 15.81 | | |
| 10 | 16QAM | 1 | 49 | 15.90 | 15.80 | 15.74 | | |
| 10 | 16QAM | 25 | 0 | 15.60 | 15.59 | 15.69 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 15.62 | 15.64 | 15.79 | | |
| 10 | 16QAM | 25 | 25 | 15.67 | 15.70 | 15.76 | | |
| 10 | 16QAM | 50 | 0 | 15.64 | 15.70 | 15.72 | | |
| 10 | 64QAM | 1 | 0 | 15.74 | 15.65 | 15.62 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 15.77 | 15.78 | 15.78 | | |
| 10 | 64QAM | 1 | 49 | 15.78 | 15.73 | 15.74 | | |
| 10 | 64QAM | 25 | 0 | 15.80 | 15.60 | 15.73 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 15.90 | 15.70 | 15.83 | | |
| 10 | 64QAM | 25 | 25 | 15.66 | 15.64 | 15.66 | | |
| 10 | 64QAM | 50 | 0 | 15.89 | 15.64 | 15.63 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 15.82 | 15.90 | 15.79 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 15.54 | 15.58 | 15.71 | | |
| 5 | QPSK | 1 | 24 | 15.80 | 15.73 | 15.74 | | |
| 5 | QPSK | 12 | 0 | 15.76 | 15.82 | 15.68 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 15.62 | 15.71 | 15.59 | | |
| 5 | QPSK | 12 | 13 | 15.56 | 15.81 | 15.62 | | |
| 5 | QPSK | 25 | 0 | 15.64 | 15.72 | 15.74 | | |
| 5 | 16QAM | 1 | 0 | 15.59 | 15.65 | 15.49 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 15.84 | 15.65 | 15.72 | | |
| 5 | 16QAM | 1 | 24 | 15.87 | 15.74 | 15.68 | | |
| 5 | 16QAM | 12 | 0 | 15.66 | 15.70 | 15.65 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 15.62 | 15.70 | 15.82 | | |
| 5 | 16QAM | 12 | 13 | 15.63 | 15.69 | 15.69 | | |
| 5 | 16QAM | 25 | 0 | 15.67 | 15.69 | 15.74 | | |
| 5 | 64QAM | 1 | 0 | 15.66 | 15.63 | 15.59 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 15.80 | 15.73 | 15.75 | | |
| 5 | 64QAM | 1 | 24 | 15.78 | 15.68 | 15.73 | | |
| 5 | 64QAM | 12 | 0 | 15.76 | 15.65 | 15.82 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 15.87 | 15.69 | 15.81 | | |
| 5 | 64QAM | 12 | 13 | 15.73 | 15.57 | 15.62 | | |
| 5 | 64QAM | 25 | 0 | 15.88 | 15.68 | 15.59 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 15.73 | 15.85 | 15.77 | 17.2 | 0 |
| 3 | QPSK | 1 | 8 | 15.61 | 15.59 | 15.71 | | |
| 3 | QPSK | 1 | 14 | 15.73 | 15.68 | 15.67 | | |
| 3 | QPSK | 8 | 0 | 15.73 | 15.75 | 15.70 | 17.2 | 0 |
| 3 | QPSK | 8 | 4 | 15.62 | 15.61 | 15.59 | | |
| 3 | QPSK | 8 | 7 | 15.68 | 15.77 | 15.63 | | |
| 3 | QPSK | 15 | 0 | 15.62 | 15.82 | 15.70 | | |
| 3 | 16QAM | 1 | 0 | 15.59 | 15.63 | 15.53 | 17.2 | 0 |
| 3 | 16QAM | 1 | 8 | 15.87 | 15.65 | 15.81 | | |
| 3 | 16QAM | 1 | 14 | 15.89 | 15.73 | 15.74 | | |
| 3 | 16QAM | 8 | 0 | 15.65 | 15.69 | 15.70 | 17.2 | 0 |
| 3 | 16QAM | 8 | 4 | 15.64 | 15.66 | 15.88 | | |
| 3 | 16QAM | 8 | 7 | 15.62 | 15.66 | 15.80 | | |
| 3 | 16QAM | 15 | 0 | 15.66 | 15.75 | 15.78 | | |
| 3 | 64QAM | 1 | 0 | 15.65 | 15.61 | 15.63 | 17.2 | 0 |
| 3 | 64QAM | 1 | 8 | 15.80 | 15.83 | 15.84 | | |
| 3 | 64QAM | 1 | 14 | 15.82 | 15.73 | 15.70 | | |
| 3 | 64QAM | 8 | 0 | 15.74 | 15.60 | 15.80 | 17.2 | 0 |
| 3 | 64QAM | 8 | 4 | 15.84 | 15.73 | 15.85 | | |
| 3 | 64QAM | 8 | 7 | 15.70 | 15.59 | 15.65 | | |
| 3 | 64QAM | 15 | 0 | 15.88 | 15.65 | 15.62 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.81 | 15.90 | 15.79 | 17.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.64 | 15.55 | 15.62 | | |
| 1.4 | QPSK | 1 | 5 | 15.71 | 15.69 | 15.73 | | |
| 1.4 | QPSK | 3 | 0 | 15.74 | 15.73 | 15.68 | | |
| 1.4 | QPSK | 3 | 1 | 15.69 | 15.71 | 15.60 | | |
| 1.4 | QPSK | 3 | 3 | 15.57 | 15.74 | 15.62 | | |
| 1.4 | QPSK | 6 | 0 | 15.63 | 15.71 | 15.67 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.59 | 15.65 | 15.56 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.80 | 15.71 | 15.79 | | |
| 1.4 | 16QAM | 1 | 5 | 15.87 | 15.78 | 15.73 | | |
| 1.4 | 16QAM | 3 | 0 | 15.69 | 15.69 | 15.63 | | |
| 1.4 | 16QAM | 3 | 1 | 15.70 | 15.67 | 15.79 | | |
| 1.4 | 16QAM | 3 | 3 | 15.61 | 15.74 | 15.70 | | |
| 1.4 | 16QAM | 6 | 0 | 15.64 | 15.66 | 15.77 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.64 | 15.58 | 15.65 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.79 | 15.76 | 15.79 | | |
| 1.4 | 64QAM | 1 | 5 | 15.83 | 15.71 | 15.74 | | |
| 1.4 | 64QAM | 3 | 0 | 15.79 | 15.62 | 15.77 | | |
| 1.4 | 64QAM | 3 | 1 | 15.89 | 15.75 | 15.77 | | |
| 1.4 | 64QAM | 3 | 3 | 15.64 | 15.67 | 15.67 | | |
| 1.4 | 64QAM | 6 | 0 | 15.85 | 15.70 | 15.60 | 17.2 | 0 |

## Band 7 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 11.40 | 11.52 | 11.42 | 12.7 | 0 |
| 20 | QPSK | 1 | 49 | 11.17 | 11.24 | 11.29 | | |
| 20 | QPSK | 1 | 99 | 11.34 | 11.32 | 11.35 | | |
| 20 | QPSK | 50 | 0 | 11.36 | 11.41 | 11.34 | 12.7 | 0 |
| 20 | QPSK | 50 | 24 | 11.26 | 11.26 | 11.25 | | |
| 20 | QPSK | 50 | 50 | 11.21 | 11.33 | 11.23 | | |
| 20 | QPSK | 100 | 0 | 11.33 | 11.38 | 11.37 | | |
| 20 | 16QAM | 1 | 0 | 11.15 | 11.20 | 11.17 | 12.7 | 0 |
| 20 | 16QAM | 1 | 49 | 11.47 | 11.27 | 11.30 | | |
| 20 | 16QAM | 1 | 99 | 11.47 | 11.34 | 11.23 | | |
| 20 | 16QAM | 50 | 0 | 11.32 | 11.27 | 11.23 | 12.7 | 0 |
| 20 | 16QAM | 50 | 24 | 11.25 | 11.22 | 11.41 | | |
| 20 | 16QAM | 50 | 50 | 11.23 | 11.34 | 11.33 | | |
| 20 | 16QAM | 100 | 0 | 11.25 | 11.25 | 11.39 | | |
| 20 | 64QAM | 1 | 0 | 11.29 | 11.15 | 11.26 | 12.7 | 0 |
| 20 | 64QAM | 1 | 49 | 11.45 | 11.42 | 11.37 | | |
| 20 | 64QAM | 1 | 99 | 11.41 | 11.32 | 11.28 | | |
| 20 | 64QAM | 50 | 0 | 11.40 | 11.26 | 11.36 | 12.7 | 0 |
| 20 | 64QAM | 50 | 24 | 11.45 | 11.29 | 11.35 | | |
| 20 | 64QAM | 50 | 50 | 11.25 | 11.24 | 11.28 | | |
| 20 | 64QAM | 100 | 0 | 11.44 | 11.24 | 11.24 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 11.32 | 11.44 | 11.33 | 12.7 | 0 |
| 15 | QPSK | 1 | 37 | 11.07 | 11.15 | 11.21 | | |
| 15 | QPSK | 1 | 74 | 11.20 | 11.27 | 11.24 | | |
| 15 | QPSK | 36 | 0 | 11.29 | 11.38 | 11.24 | 12.7 | 0 |
| 15 | QPSK | 36 | 20 | 11.21 | 11.19 | 11.19 | | |
| 15 | QPSK | 36 | 39 | 11.13 | 11.18 | 11.16 | | |
| 15 | QPSK | 75 | 0 | 11.22 | 11.24 | 11.30 | | |
| 15 | 16QAM | 1 | 0 | 11.11 | 11.17 | 11.05 | 12.7 | 0 |
| 15 | 16QAM | 1 | 37 | 11.44 | 11.20 | 11.16 | | |
| 15 | 16QAM | 1 | 74 | 11.39 | 11.29 | 11.10 | | |
| 15 | 16QAM | 36 | 0 | 11.26 | 11.24 | 11.11 | 12.7 | 0 |
| 15 | 16QAM | 36 | 20 | 11.13 | 11.11 | 11.27 | | |
| 15 | 16QAM | 36 | 39 | 11.08 | 11.23 | 11.27 | | |
| 15 | 16QAM | 75 | 0 | 11.16 | 11.15 | 11.32 | | |
| 15 | 64QAM | 1 | 0 | 11.18 | 11.04 | 11.19 | 12.7 | 0 |
| 15 | 64QAM | 1 | 37 | 11.38 | 11.35 | 11.25 | | |
| 15 | 64QAM | 1 | 74 | 11.33 | 11.23 | 11.23 | | |
| 15 | 64QAM | 36 | 0 | 11.28 | 11.15 | 11.22 | 12.7 | 0 |
| 15 | 64QAM | 36 | 20 | 11.33 | 11.20 | 11.21 | | |
| 15 | 64QAM | 36 | 39 | 11.14 | 11.16 | 11.15 | | |
| 15 | 64QAM | 75 | 0 | 11.37 | 11.16 | 11.12 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 11.32 | 11.40 | 11.36 | 12.7 | 0 |
| 10 | QPSK | 1 | 25 | 11.13 | 11.18 | 11.19 | | |
| 10 | QPSK | 1 | 49 | 11.23 | 11.19 | 11.27 | | |
| 10 | QPSK | 25 | 0 | 11.26 | 11.38 | 11.24 | 12.7 | 0 |
| 10 | QPSK | 25 | 12 | 11.21 | 11.18 | 11.14 | | |
| 10 | QPSK | 25 | 25 | 11.12 | 11.30 | 11.09 | | |
| 10 | QPSK | 50 | 0 | 11.23 | 11.35 | 11.33 | | |
| 10 | 16QAM | 1 | 0 | 11.00 | 11.11 | 11.05 | 12.7 | 0 |
| 10 | 16QAM | 1 | 25 | 11.33 | 11.21 | 11.23 | | |
| 10 | 16QAM | 1 | 49 | 11.44 | 11.27 | 11.11 | | |
| 10 | 16QAM | 25 | 0 | 11.25 | 11.23 | 11.13 | 12.7 | 0 |
| 10 | 16QAM | 25 | 12 | 11.18 | 11.10 | 11.35 | | |
| 10 | 16QAM | 25 | 25 | 11.13 | 11.31 | 11.28 | | |
| 10 | 16QAM | 50 | 0 | 11.13 | 11.17 | 11.33 | | |
| 10 | 64QAM | 1 | 0 | 11.22 | 11.07 | 11.19 | 12.7 | 0 |
| 10 | 64QAM | 1 | 25 | 11.34 | 11.29 | 11.25 | | |
| 10 | 64QAM | 1 | 49 | 11.37 | 11.21 | 11.19 | | |
| 10 | 64QAM | 25 | 0 | 11.28 | 11.20 | 11.30 | 12.7 | 0 |
| 10 | 64QAM | 25 | 12 | 11.34 | 11.24 | 11.26 | | |
| 10 | 64QAM | 25 | 25 | 11.14 | 11.17 | 11.16 | | |
| 10 | 64QAM | 50 | 0 | 11.30 | 11.19 | 11.19 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 11.28 | 11.49 | 11.27 | 12.7 | 0 |
| 5 | QPSK | 1 | 12 | 11.13 | 11.13 | 11.16 | | |
| 5 | QPSK | 1 | 24 | 11.24 | 11.26 | 11.21 | | |
| 5 | QPSK | 12 | 0 | 11.22 | 11.29 | 11.30 | 12.7 | 0 |
| 5 | QPSK | 12 | 7 | 11.13 | 11.23 | 11.20 | | |
| 5 | QPSK | 12 | 13 | 11.10 | 11.25 | 11.19 | | |
| 5 | QPSK | 25 | 0 | 11.22 | 11.24 | 11.28 | | |
| 5 | 16QAM | 1 | 0 | 11.11 | 11.11 | 11.10 | 12.7 | 0 |
| 5 | 16QAM | 1 | 12 | 11.37 | 11.20 | 11.19 | | |
| 5 | 16QAM | 1 | 24 | 11.34 | 11.30 | 11.12 | | |
| 5 | 16QAM | 12 | 0 | 11.23 | 11.14 | 11.12 | 12.7 | 0 |
| 5 | 16QAM | 12 | 7 | 11.18 | 11.09 | 11.35 | | |
| 5 | 16QAM | 12 | 13 | 11.18 | 11.18 | 11.18 | | |
| 5 | 16QAM | 25 | 0 | 11.21 | 11.15 | 11.35 | | |
| 5 | 64QAM | 1 | 0 | 11.21 | 11.10 | 11.12 | 12.7 | 0 |
| 5 | 64QAM | 1 | 12 | 11.38 | 11.36 | 11.33 | | |
| 5 | 64QAM | 1 | 24 | 11.35 | 11.21 | 11.21 | | |
| 5 | 64QAM | 12 | 0 | 11.27 | 11.15 | 11.24 | 12.7 | 0 |
| 5 | 64QAM | 12 | 7 | 11.30 | 11.23 | 11.26 | | |
| 5 | 64QAM | 12 | 13 | 11.14 | 11.18 | 11.20 | | |
| 5 | 64QAM | 25 | 0 | 11.33 | 11.20 | 11.12 | | |

## Band 25 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 13.17 | 13.32 | 13.27 | 14.2 | 0 |
| 20 | QPSK | 1 | 49 | 13.03 | 13.09 | 13.07 | | |
| 20 | QPSK | 1 | 99 | 13.11 | 13.10 | 13.19 | | |
| 20 | QPSK | 50 | 0 | 13.19 | 13.24 | 13.17 | 14.2 | 0 |
| 20 | QPSK | 50 | 24 | 13.09 | 13.04 | 13.01 | | |
| 20 | QPSK | 50 | 50 | 13.08 | 13.14 | 13.06 | | |
| 20 | QPSK | 100 | 0 | 13.09 | 13.21 | 13.19 | | |
| 20 | 16QAM | 1 | 0 | 12.98 | 12.98 | 12.99 | 14.2 | 0 |
| 20 | 16QAM | 1 | 49 | 13.18 | 13.12 | 13.10 | | |
| 20 | 16QAM | 1 | 99 | 13.31 | 13.19 | 13.04 | | |
| 20 | 16QAM | 50 | 0 | 13.08 | 13.11 | 13.00 | 14.2 | 0 |
| 20 | 16QAM | 50 | 24 | 13.06 | 13.09 | 13.24 | | |
| 20 | 16QAM | 50 | 50 | 13.09 | 13.13 | 13.10 | | |
| 20 | 16QAM | 100 | 0 | 13.07 | 13.04 | 13.17 | | |
| 20 | 64QAM | 1 | 0 | 13.11 | 12.96 | 13.05 | 14.2 | 0 |
| 20 | 64QAM | 1 | 49 | 13.25 | 13.20 | 13.19 | | |
| 20 | 64QAM | 1 | 99 | 13.26 | 13.15 | 13.10 | | |
| 20 | 64QAM | 50 | 0 | 13.26 | 13.10 | 13.13 | 14.2 | 0 |
| 20 | 64QAM | 50 | 24 | 13.20 | 13.15 | 13.15 | | |
| 20 | 64QAM | 50 | 50 | 13.04 | 13.11 | 13.03 | | |
| 20 | 64QAM | 100 | 0 | 13.23 | 13.07 | 13.08 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 13.04 | 13.15 | 13.20 | 14.2 | 0 |
| 15 | QPSK | 1 | 37 | 12.89 | 13.03 | 12.98 | | |
| 15 | QPSK | 1 | 74 | 12.97 | 12.99 | 13.06 | | |
| 15 | QPSK | 36 | 0 | 13.12 | 13.17 | 13.13 | 14.2 | 0 |
| 15 | QPSK | 36 | 20 | 12.95 | 12.93 | 12.93 | | |
| 15 | QPSK | 36 | 39 | 13.00 | 13.03 | 13.02 | | |
| 15 | QPSK | 75 | 0 | 12.98 | 13.13 | 13.13 | | |
| 15 | 16QAM | 1 | 0 | 12.94 | 12.92 | 12.92 | 14.2 | 0 |
| 15 | 16QAM | 1 | 37 | 13.20 | 12.99 | 12.99 | | |
| 15 | 16QAM | 1 | 74 | 13.25 | 13.13 | 12.91 | | |
| 15 | 16QAM | 36 | 0 | 12.97 | 13.04 | 12.89 | 14.2 | 0 |
| 15 | 16QAM | 36 | 20 | 12.95 | 12.95 | 13.15 | | |
| 15 | 16QAM | 36 | 39 | 13.00 | 13.09 | 13.03 | | |
| 15 | 16QAM | 75 | 0 | 12.95 | 13.00 | 13.06 | | |
| 15 | 64QAM | 1 | 0 | 12.99 | 12.85 | 12.94 | 14.2 | 0 |
| 15 | 64QAM | 1 | 37 | 13.15 | 13.13 | 13.09 | | |
| 15 | 64QAM | 1 | 74 | 13.21 | 13.02 | 12.98 | | |
| 15 | 64QAM | 36 | 0 | 13.18 | 13.03 | 13.07 | 14.2 | 0 |
| 15 | 64QAM | 36 | 20 | 13.14 | 13.07 | 13.08 | | |
| 15 | 64QAM | 36 | 39 | 12.91 | 13.01 | 12.90 | | |
| 15 | 64QAM | 75 | 0 | 13.19 | 12.97 | 12.94 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 13.03 | 13.19 | 13.14 | 14.2 | 0 |
| 10 | QPSK | 1 | 25 | 12.99 | 12.98 | 13.00 | | |
| 10 | QPSK | 1 | 49 | 13.04 | 13.04 | 13.12 | | |
| 10 | QPSK | 25 | 0 | 13.08 | 13.12 | 13.08 | 14.2 | 0 |
| 10 | QPSK | 25 | 12 | 13.02 | 12.96 | 12.93 | | |
| 10 | QPSK | 25 | 25 | 13.00 | 13.02 | 12.94 | | |
| 10 | QPSK | 50 | 0 | 13.00 | 13.13 | 13.14 | | |
| 10 | 16QAM | 1 | 0 | 12.93 | 12.86 | 12.89 | 14.2 | 0 |
| 10 | 16QAM | 1 | 25 | 13.19 | 13.04 | 13.06 | | |
| 10 | 16QAM | 1 | 49 | 13.16 | 13.12 | 12.91 | | |
| 10 | 16QAM | 25 | 0 | 12.93 | 13.04 | 12.92 | 14.2 | 0 |
| 10 | 16QAM | 25 | 12 | 12.99 | 13.06 | 13.10 | | |
| 10 | 16QAM | 25 | 25 | 13.02 | 12.99 | 12.96 | | |
| 10 | 16QAM | 50 | 0 | 12.92 | 12.95 | 13.08 | | |
| 10 | 64QAM | 1 | 0 | 13.02 | 12.90 | 12.93 | 14.2 | 0 |
| 10 | 64QAM | 1 | 25 | 13.11 | 13.13 | 13.15 | | |
| 10 | 64QAM | 1 | 49 | 13.19 | 13.05 | 12.96 | | |
| 10 | 64QAM | 25 | 0 | 13.12 | 13.05 | 12.98 | 14.2 | 0 |
| 10 | 64QAM | 25 | 12 | 13.16 | 13.12 | 13.02 | | |
| 10 | 64QAM | 25 | 25 | 13.00 | 13.03 | 12.90 | | |
| 10 | 64QAM | 50 | 0 | 13.19 | 12.98 | 12.96 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 13.03 | 13.24 | 13.24 | 14.2 | 0 |
| 5 | QPSK | 1 | 12 | 12.94 | 13.00 | 12.93 | | |
| 5 | QPSK | 1 | 24 | 13.02 | 13.04 | 13.10 | | |
| 5 | QPSK | 12 | 0 | 13.13 | 13.09 | 13.11 | 14.2 | 0 |
| 5 | QPSK | 12 | 7 | 12.99 | 12.95 | 12.89 | | |
| 5 | QPSK | 12 | 13 | 12.99 | 13.02 | 12.92 | | |
| 5 | QPSK | 25 | 0 | 13.06 | 13.11 | 13.07 | | |
| 5 | 16QAM | 1 | 0 | 12.88 | 12.94 | 12.94 | 14.2 | 0 |
| 5 | 16QAM | 1 | 12 | 13.26 | 13.01 | 13.05 | | |
| 5 | 16QAM | 1 | 24 | 13.17 | 13.11 | 12.97 | | |
| 5 | 16QAM | 12 | 0 | 13.02 | 13.00 | 12.90 | 14.2 | 0 |
| 5 | 16QAM | 12 | 7 | 13.02 | 12.98 | 13.11 | | |
| 5 | 16QAM | 12 | 13 | 12.99 | 13.01 | 13.01 | | |
| 5 | 16QAM | 25 | 0 | 12.93 | 13.00 | 13.12 | | |
| 5 | 64QAM | 1 | 0 | 13.00 | 12.83 | 12.92 | 14.2 | 0 |
| 5 | 64QAM | 1 | 12 | 13.19 | 13.17 | 13.04 | | |
| 5 | 64QAM | 1 | 24 | 13.18 | 13.04 | 13.00 | | |
| 5 | 64QAM | 12 | 0 | 13.14 | 12.95 | 13.02 | 14.2 | 0 |
| 5 | 64QAM | 12 | 7 | 13.06 | 13.08 | 13.06 | | |
| 5 | 64QAM | 12 | 13 | 12.99 | 13.03 | 12.90 | | |
| 5 | 64QAM | 25 | 0 | 13.19 | 13.01 | 12.96 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 13.07 | 13.13 | 13.15 | 14.2 | 0 |
| 3 | QPSK | 1 | 8 | 12.94 | 12.96 | 12.98 | | |
| 3 | QPSK | 1 | 14 | 13.05 | 12.98 | 13.14 | | |
| 3 | QPSK | 8 | 0 | 13.10 | 13.18 | 13.07 | 14.2 | 0 |
| 3 | QPSK | 8 | 4 | 13.04 | 12.89 | 12.93 | | |
| 3 | QPSK | 8 | 7 | 13.01 | 13.07 | 12.96 | | |
| 3 | QPSK | 15 | 0 | 12.95 | 13.17 | 13.10 | | |
| 3 | 16QAM | 1 | 0 | 12.83 | 12.84 | 12.87 | 14.2 | 0 |
| 3 | 16QAM | 1 | 8 | 13.18 | 12.97 | 12.96 | | |
| 3 | 16QAM | 1 | 14 | 13.25 | 13.09 | 12.99 | | |
| 3 | 16QAM | 8 | 0 | 13.01 | 12.97 | 12.91 | 14.2 | 0 |
| 3 | 16QAM | 8 | 4 | 12.92 | 13.04 | 13.16 | | |
| 3 | 16QAM | 8 | 7 | 12.98 | 13.04 | 13.01 | | |
| 3 | 16QAM | 15 | 0 | 13.02 | 13.00 | 13.12 | | |
| 3 | 64QAM | 1 | 0 | 13.00 | 12.84 | 13.00 | 14.2 | 0 |
| 3 | 64QAM | 1 | 8 | 13.14 | 13.11 | 13.04 | | |
| 3 | 64QAM | 1 | 14 | 13.13 | 13.08 | 13.02 | | |
| 3 | 64QAM | 8 | 0 | 13.19 | 13.07 | 13.07 | 14.2 | 0 |
| 3 | 64QAM | 8 | 4 | 13.11 | 13.03 | 13.01 | | |
| 3 | 64QAM | 8 | 7 | 12.99 | 13.06 | 12.97 | | |
| 3 | 64QAM | 15 | 0 | 13.12 | 12.97 | 13.05 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 13.11 | 13.19 | 13.19 | 14.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.92 | 12.99 | 13.02 | | |
| 1.4 | QPSK | 1 | 5 | 12.99 | 13.06 | 13.05 | | |
| 1.4 | QPSK | 3 | 0 | 13.08 | 13.19 | 13.06 | | |
| 1.4 | QPSK | 3 | 1 | 12.99 | 12.97 | 12.88 | | |
| 1.4 | QPSK | 3 | 3 | 13.04 | 13.07 | 13.01 | | |
| 1.4 | QPSK | 6 | 0 | 13.03 | 13.11 | 13.11 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.91 | 12.85 | 12.87 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 13.24 | 13.07 | 12.97 | | |
| 1.4 | 16QAM | 1 | 5 | 13.17 | 13.11 | 12.91 | | |
| 1.4 | 16QAM | 3 | 0 | 12.98 | 13.00 | 12.89 | | |
| 1.4 | 16QAM | 3 | 1 | 12.97 | 12.99 | 13.20 | | |
| 1.4 | 16QAM | 3 | 3 | 13.05 | 13.08 | 13.00 | | |
| 1.4 | 16QAM | 6 | 0 | 13.01 | 12.99 | 13.06 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.98 | 12.91 | 13.01 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 13.17 | 13.06 | 13.12 | | |
| 1.4 | 64QAM | 1 | 5 | 13.21 | 13.04 | 13.07 | | |
| 1.4 | 64QAM | 3 | 0 | 13.18 | 12.97 | 13.04 | | |
| 1.4 | 64QAM | 3 | 1 | 13.05 | 13.11 | 13.10 | | |
| 1.4 | 64QAM | 3 | 3 | 12.93 | 12.99 | 12.95 | | |
| 1.4 | 64QAM | 6 | 0 | 13.08 | 13.01 | 12.94 | 14.2 | 0 |

## Band 66 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 16.00 | 16.13 | 16.04 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 15.88 | 15.92 | 15.85 | | |
| 20 | QPSK | 1 | 99 | 15.90 | 15.96 | 15.94 | | |
| 20 | QPSK | 50 | 0 | 16.01 | 16.06 | 16.01 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 15.91 | 15.81 | 15.87 | | |
| 20 | QPSK | 50 | 50 | 15.94 | 15.98 | 15.87 | | |
| 20 | QPSK | 100 | 0 | 15.95 | 16.02 | 15.93 | | |
| 20 | 16QAM | 1 | 0 | 15.74 | 15.75 | 15.78 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.08 | 15.93 | 15.92 | | |
| 20 | 16QAM | 1 | 99 | 16.09 | 15.99 | 15.82 | | |
| 20 | 16QAM | 50 | 0 | 15.95 | 15.89 | 15.80 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 15.82 | 15.89 | 16.06 | | |
| 20 | 16QAM | 50 | 50 | 15.90 | 15.93 | 15.86 | | |
| 20 | 16QAM | 100 | 0 | 15.87 | 15.90 | 16.00 | | |
| 20 | 64QAM | 1 | 0 | 15.86 | 15.76 | 15.89 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.06 | 16.00 | 15.96 | | |
| 20 | 64QAM | 1 | 99 | 15.93 | 15.99 | 15.89 | | |
| 20 | 64QAM | 50 | 0 | 16.01 | 15.92 | 15.89 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.05 | 15.98 | 15.99 | | |
| 20 | 64QAM | 50 | 50 | 15.82 | 15.98 | 15.88 | | |
| 20 | 64QAM | 100 | 0 | 16.03 | 15.88 | 15.90 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 15.85 | 16.04 | 15.91 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 15.76 | 15.85 | 15.71 | | |
| 15 | QPSK | 1 | 74 | 15.84 | 15.89 | 15.91 | | |
| 15 | QPSK | 36 | 0 | 15.90 | 15.99 | 15.96 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 15.83 | 15.77 | 15.73 | | |
| 15 | QPSK | 36 | 39 | 15.88 | 15.93 | 15.79 | | |
| 15 | QPSK | 75 | 0 | 15.81 | 15.93 | 15.90 | | |
| 15 | 16QAM | 1 | 0 | 15.62 | 15.60 | 15.75 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.00 | 15.86 | 15.79 | | |
| 15 | 16QAM | 1 | 74 | 16.05 | 15.85 | 15.75 | | |
| 15 | 16QAM | 36 | 0 | 15.83 | 15.75 | 15.75 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 15.71 | 15.86 | 15.93 | | |
| 15 | 16QAM | 36 | 39 | 15.83 | 15.84 | 15.75 | | |
| 15 | 16QAM | 75 | 0 | 15.80 | 15.86 | 15.92 | | |
| 15 | 64QAM | 1 | 0 | 15.78 | 15.67 | 15.81 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.02 | 15.96 | 15.85 | | |
| 15 | 64QAM | 1 | 74 | 16.03 | 15.92 | 15.79 | | |
| 15 | 64QAM | 36 | 0 | 15.98 | 15.88 | 15.84 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 15.93 | 15.90 | 15.84 | | |
| 15 | 64QAM | 36 | 39 | 15.74 | 15.92 | 15.84 | | |
| 15 | 64QAM | 75 | 0 | 15.90 | 15.76 | 15.83 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 15.95 | 15.98 | 15.98 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 15.84 | 15.80 | 15.81 | | |
| 10 | QPSK | 1 | 49 | 15.78 | 15.90 | 15.84 | | |
| 10 | QPSK | 25 | 0 | 15.97 | 16.02 | 15.87 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 15.79 | 15.73 | 15.83 | | |
| 10 | QPSK | 25 | 25 | 15.89 | 15.84 | 15.73 | | |
| 10 | QPSK | 50 | 0 | 15.89 | 15.89 | 15.85 | | |
| 10 | 16QAM | 1 | 0 | 15.66 | 15.65 | 15.71 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.04 | 15.85 | 15.83 | | |
| 10 | 16QAM | 1 | 49 | 16.02 | 15.96 | 15.74 | | |
| 10 | 16QAM | 25 | 0 | 15.86 | 15.82 | 15.76 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 15.75 | 15.79 | 16.01 | | |
| 10 | 16QAM | 25 | 25 | 15.79 | 15.89 | 15.83 | | |
| 10 | 16QAM | 50 | 0 | 15.83 | 15.81 | 15.96 | | |
| 10 | 64QAM | 1 | 0 | 15.77 | 15.62 | 15.78 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 15.95 | 15.93 | 15.83 | | |
| 10 | 64QAM | 1 | 49 | 16.02 | 15.90 | 15.78 | | |
| 10 | 64QAM | 25 | 0 | 15.98 | 15.89 | 15.80 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 15.99 | 15.86 | 15.88 | | |
| 10 | 64QAM | 25 | 25 | 15.70 | 15.89 | 15.82 | | |
| 10 | 64QAM | 50 | 0 | 15.96 | 15.74 | 15.81 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 15.86 | 16.09 | 15.97 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 15.80 | 15.77 | 15.79 | | |
| 5 | QPSK | 1 | 24 | 15.83 | 15.91 | 15.81 | | |
| 5 | QPSK | 12 | 0 | 15.91 | 15.93 | 15.90 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 15.82 | 15.76 | 15.74 | | |
| 5 | QPSK | 12 | 13 | 15.87 | 15.92 | 15.79 | | |
| 5 | QPSK | 25 | 0 | 15.87 | 15.91 | 15.85 | | |
| 5 | 16QAM | 1 | 0 | 15.68 | 15.63 | 15.74 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 15.98 | 15.81 | 15.82 | | |
| 5 | 16QAM | 1 | 24 | 16.04 | 15.86 | 15.67 | | |
| 5 | 16QAM | 12 | 0 | 15.91 | 15.80 | 15.72 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 15.73 | 15.79 | 15.92 | | |
| 5 | 16QAM | 12 | 13 | 15.79 | 15.81 | 15.72 | | |
| 5 | 16QAM | 25 | 0 | 15.82 | 15.76 | 15.92 | | |
| 5 | 64QAM | 1 | 0 | 15.80 | 15.65 | 15.75 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.03 | 15.96 | 15.88 | | |
| 5 | 64QAM | 1 | 24 | 16.08 | 15.93 | 15.83 | | |
| 5 | 64QAM | 12 | 0 | 15.97 | 15.81 | 15.81 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 15.97 | 15.90 | 15.87 | | |
| 5 | 64QAM | 12 | 13 | 15.79 | 15.93 | 15.75 | | |
| 5 | 64QAM | 25 | 0 | 15.95 | 15.83 | 15.76 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 15.92 | 16.01 | 16.00 | 17.2 | 0 |
| 3 | QPSK | 1 | 8 | 15.75 | 15.86 | 15.80 | | |
| 3 | QPSK | 1 | 14 | 15.81 | 15.87 | 15.85 | | |
| 3 | QPSK | 8 | 0 | 15.89 | 15.99 | 15.87 | 17.2 | 0 |
| 3 | QPSK | 8 | 4 | 15.82 | 15.77 | 15.81 | | |
| 3 | QPSK | 8 | 7 | 15.90 | 15.85 | 15.83 | | |
| 3 | QPSK | 15 | 0 | 15.82 | 15.98 | 15.83 | | |
| 3 | 16QAM | 1 | 0 | 15.63 | 15.71 | 15.69 | 17.2 | 0 |
| 3 | 16QAM | 1 | 8 | 16.03 | 15.84 | 15.83 | | |
| 3 | 16QAM | 1 | 14 | 16.02 | 15.87 | 15.75 | | |
| 3 | 16QAM | 8 | 0 | 15.88 | 15.83 | 15.69 | 17.2 | 0 |
| 3 | 16QAM | 8 | 4 | 15.73 | 15.79 | 16.03 | | |
| 3 | 16QAM | 8 | 7 | 15.80 | 15.80 | 15.79 | | |
| 3 | 16QAM | 15 | 0 | 15.74 | 15.87 | 15.91 | | |
| 3 | 64QAM | 1 | 0 | 15.73 | 15.70 | 15.76 | 17.2 | 0 |
| 3 | 64QAM | 1 | 8 | 15.97 | 15.88 | 15.89 | | |
| 3 | 64QAM | 1 | 14 | 16.00 | 15.85 | 15.81 | | |
| 3 | 64QAM | 8 | 0 | 15.90 | 15.82 | 15.84 | 17.2 | 0 |
| 3 | 64QAM | 8 | 4 | 16.01 | 15.90 | 15.90 | | |
| 3 | 64QAM | 8 | 7 | 15.68 | 15.94 | 15.81 | | |
| 3 | 64QAM | 15 | 0 | 15.95 | 15.73 | 15.80 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.97 | 16.07 | 15.89 | 17.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.75 | 15.79 | 15.78 | | |
| 1.4 | QPSK | 1 | 5 | 15.86 | 15.87 | 15.82 | | |
| 1.4 | QPSK | 3 | 0 | 15.87 | 15.95 | 15.87 | | |
| 1.4 | QPSK | 3 | 1 | 15.76 | 15.67 | 15.79 | | |
| 1.4 | QPSK | 3 | 3 | 15.89 | 15.91 | 15.73 | | |
| 1.4 | QPSK | 6 | 0 | 15.89 | 15.87 | 15.79 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.61 | 15.63 | 15.66 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.00 | 15.87 | 15.87 | | |
| 1.4 | 16QAM | 1 | 5 | 15.95 | 15.95 | 15.68 | | |
| 1.4 | 16QAM | 3 | 0 | 15.88 | 15.74 | 15.72 | | |
| 1.4 | 16QAM | 3 | 1 | 15.71 | 15.84 | 16.00 | | |
| 1.4 | 16QAM | 3 | 3 | 15.76 | 15.82 | 15.73 | | |
| 1.4 | 16QAM | 6 | 0 | 15.77 | 15.82 | 15.85 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.72 | 15.63 | 15.80 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.02 | 15.96 | 15.85 | | |
| 1.4 | 64QAM | 1 | 5 | 16.01 | 15.96 | 15.85 | | |
| 1.4 | 64QAM | 3 | 0 | 15.95 | 15.78 | 15.81 | | |
| 1.4 | 64QAM | 3 | 1 | 15.94 | 15.91 | 15.85 | | |
| 1.4 | 64QAM | 3 | 3 | 15.68 | 15.87 | 15.75 | | |
| 1.4 | 64QAM | 6 | 0 | 15.91 | 15.81 | 15.82 | 17.2 | 0 |

## Band 38 Ant 6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 13.87 | 13.95 | 13.86 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.75 | 13.74 | 13.62 | | |
| 20 | QPSK | 1 | 99 | 13.65 | 13.72 | 13.76 | | |
| 20 | QPSK | 50 | 0 | 13.86 | 13.87 | 13.78 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.72 | 13.66 | 13.68 | | |
| 20 | QPSK | 50 | 50 | 13.70 | 13.76 | 13.63 | | |
| 20 | QPSK | 100 | 0 | 13.76 | 13.79 | 13.74 | | |
| 20 | 16QAM | 1 | 0 | 13.59 | 13.58 | 13.63 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.90 | 13.76 | 13.77 | | |
| 20 | 16QAM | 1 | 99 | 13.78 | 13.74 | 13.65 | | |
| 20 | 16QAM | 50 | 0 | 13.74 | 13.69 | 13.63 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.65 | 13.64 | 13.82 | | |
| 20 | 16QAM | 50 | 50 | 13.69 | 13.69 | 13.63 | | |
| 20 | 16QAM | 100 | 0 | 13.63 | 13.72 | 13.87 | | |
| 20 | 64QAM | 1 | 0 | 13.66 | 13.53 | 13.64 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.81 | 13.87 | 13.76 | | |
| 20 | 64QAM | 1 | 99 | 13.93 | 13.85 | 13.67 | | |
| 20 | 64QAM | 50 | 0 | 13.85 | 13.70 | 13.76 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.87 | 13.85 | 13.77 | | |
| 20 | 64QAM | 50 | 50 | 13.64 | 13.85 | 13.65 | | |
| 20 | 64QAM | 100 | 0 | 13.88 | 13.70 | 13.74 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 13.79 | 13.87 | 13.76 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.66 | 13.68 | 13.56 | | |
| 15 | QPSK | 1 | 74 | 13.52 | 13.66 | 13.67 | | |
| 15 | QPSK | 36 | 0 | 13.81 | 13.74 | 13.74 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.61 | 13.56 | 13.65 | | |
| 15 | QPSK | 36 | 39 | 13.56 | 13.73 | 13.59 | | |
| 15 | QPSK | 75 | 0 | 13.65 | 13.67 | 13.68 | | |
| 15 | 16QAM | 1 | 0 | 13.44 | 13.54 | 13.54 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.80 | 13.71 | 13.69 | | |
| 15 | 16QAM | 1 | 74 | 13.83 | 13.65 | 13.61 | | |
| 15 | 16QAM | 36 | 0 | 13.64 | 13.66 | 13.48 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.61 | 13.51 | 13.68 | | |
| 15 | 16QAM | 36 | 39 | 13.60 | 13.62 | 13.59 | | |
| 15 | 16QAM | 75 | 0 | 13.51 | 13.64 | 13.73 | | |
| 15 | 64QAM | 1 | 0 | 13.56 | 13.39 | 13.58 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.73 | 13.72 | 13.69 | | |
| 15 | 64QAM | 1 | 74 | 13.88 | 13.80 | 13.54 | | |
| 15 | 64QAM | 36 | 0 | 13.79 | 13.57 | 13.69 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.83 | 13.79 | 13.70 | | |
| 15 | 64QAM | 36 | 39 | 13.54 | 13.76 | 13.61 | | |
| 15 | 64QAM | 75 | 0 | 13.80 | 13.66 | 13.63 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 13.72 | 13.80 | 13.73 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.67 | 13.67 | 13.58 | | |
| 10 | QPSK | 1 | 49 | 13.52 | 13.66 | 13.65 | | |
| 10 | QPSK | 25 | 0 | 13.77 | 13.83 | 13.65 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.68 | 13.57 | 13.60 | | |
| 10 | QPSK | 25 | 25 | 13.64 | 13.64 | 13.54 | | |
| 10 | QPSK | 50 | 0 | 13.61 | 13.70 | 13.64 | | |
| 10 | 16QAM | 1 | 0 | 13.53 | 13.49 | 13.59 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.80 | 13.65 | 13.66 | | |
| 10 | 16QAM | 1 | 49 | 13.82 | 13.70 | 13.54 | | |
| 10 | 16QAM | 25 | 0 | 13.64 | 13.66 | 13.54 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.56 | 13.51 | 13.69 | | |
| 10 | 16QAM | 25 | 25 | 13.62 | 13.63 | 13.53 | | |
| 10 | 16QAM | 50 | 0 | 13.60 | 13.62 | 13.81 | | |
| 10 | 64QAM | 1 | 0 | 13.58 | 13.44 | 13.53 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.72 | 13.79 | 13.62 | | |
| 10 | 64QAM | 1 | 49 | 13.78 | 13.71 | 13.56 | | |
| 10 | 64QAM | 25 | 0 | 13.75 | 13.56 | 13.62 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.77 | 13.74 | 13.64 | | |
| 10 | 64QAM | 25 | 25 | 13.58 | 13.70 | 13.62 | | |
| 10 | 64QAM | 50 | 0 | 13.75 | 13.56 | 13.61 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 13.83 | 13.91 | 13.73 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.61 | 13.60 | 13.52 | | |
| 5 | QPSK | 1 | 24 | 13.57 | 13.60 | 13.68 | | |
| 5 | QPSK | 12 | 0 | 13.72 | 13.78 | 13.75 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.58 | 13.61 | 13.61 | | |
| 5 | QPSK | 12 | 13 | 13.63 | 13.64 | 13.58 | | |
| 5 | QPSK | 25 | 0 | 13.67 | 13.66 | 13.66 | | |
| 5 | 16QAM | 1 | 0 | 13.44 | 13.51 | 13.58 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.85 | 13.69 | 13.68 | | |
| 5 | 16QAM | 1 | 24 | 13.81 | 13.69 | 13.60 | | |
| 5 | 16QAM | 12 | 0 | 13.63 | 13.58 | 13.58 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.59 | 13.50 | 13.79 | | |
| 5 | 16QAM | 12 | 13 | 13.58 | 13.56 | 13.49 | | |
| 5 | 16QAM | 25 | 0 | 13.57 | 13.64 | 13.82 | | |
| 5 | 64QAM | 1 | 0 | 13.59 | 13.48 | 13.51 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.70 | 13.78 | 13.71 | | |
| 5 | 64QAM | 1 | 24 | 13.80 | 13.78 | 13.63 | | |
| 5 | 64QAM | 12 | 0 | 13.74 | 13.57 | 13.72 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.82 | 13.72 | 13.72 | | |
| 5 | 64QAM | 12 | 13 | 13.57 | 13.74 | 13.51 | | |
| 5 | 64QAM | 25 | 0 | 13.79 | 13.57 | 13.61 | | |

## Band 41 Ant 6 DSI5

| 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 | 13.96 | 13.87 | 14.00 | 13.94 | 13.89 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.81 | 13.84 | 13.76 | 13.85 | 13.83 | | |
| 20 | QPSK | 1 | 99 | 13.67 | 13.69 | 13.77 | 13.69 | 13.73 | | |
| 20 | QPSK | 50 | 0 | 13.96 | 13.96 | 13.99 | 13.93 | 13.95 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.77 | 13.79 | 13.70 | 13.83 | 13.83 | | |
| 20 | QPSK | 50 | 50 | 13.70 | 13.71 | 13.85 | 13.76 | 13.80 | | |
| 20 | QPSK | 100 | 0 | 13.85 | 13.83 | 13.90 | 13.87 | 13.80 | | |
| 20 | 16QAM | 1 | 0 | 13.67 | 13.60 | 13.70 | 13.60 | 13.67 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.94 | 13.92 | 13.85 | 13.96 | 13.91 | | |
| 20 | 16QAM | 1 | 99 | 13.78 | 13.87 | 13.77 | 13.81 | 13.86 | | |
| 20 | 16QAM | 50 | 0 | 13.82 | 13.77 | 13.72 | 13.74 | 13.78 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.74 | 13.68 | 13.65 | 13.76 | 13.67 | | |
| 20 | 16QAM | 50 | 50 | 13.77 | 13.74 | 13.80 | 13.71 | 13.70 | | |
| 20 | 16QAM | 100 | 0 | 13.74 | 13.72 | 13.76 | 13.64 | 13.65 | | |
| 20 | 64QAM | 1 | 0 | 13.78 | 13.71 | 13.57 | 13.66 | 13.75 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.91 | 13.87 | 13.88 | 13.88 | 13.92 | | |
| 20 | 64QAM | 1 | 99 | 13.96 | 13.98 | 13.94 | 13.95 | 13.97 | | |
| 20 | 64QAM | 50 | 0 | 13.92 | 13.93 | 13.71 | 13.91 | 13.86 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.88 | 13.98 | 13.93 | 13.97 | 13.90 | | |
| 20 | 64QAM | 50 | 50 | 13.70 | 13.70 | 13.96 | 13.66 | 13.72 | | |
| 20 | 64QAM | 100 | 0 | 13.91 | 13.95 | 13.71 | 13.91 | 13.94 | | |
| 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 | 13.88 | 13.82 | 13.94 | 13.91 | 13.77 | 14.90 | 0 |
| 15 | QPSK | 1 | 37 | 13.73 | 13.79 | 13.62 | 13.70 | 13.78 | | |
| 15 | QPSK | 1 | 74 | 13.59 | 13.61 | 13.63 | 13.60 | 13.60 | | |
| 15 | QPSK | 36 | 0 | 13.84 | 13.89 | 13.94 | 13.85 | 13.82 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.67 | 13.66 | 13.61 | 13.76 | 13.73 | | |
| 15 | QPSK | 36 | 39 | 13.66 | 13.62 | 13.79 | 13.62 | 13.71 | | |
| 15 | QPSK | 75 | 0 | 13.72 | 13.71 | 13.84 | 13.76 | 13.76 | | |
| 15 | 16QAM | 1 | 0 | 13.53 | 13.55 | 13.66 | 13.51 | 13.52 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.81 | 13.79 | 13.79 | 13.93 | 13.84 | | |
| 15 | 16QAM | 1 | 74 | 13.72 | 13.83 | 13.67 | 13.73 | 13.75 | | |
| 15 | 16QAM | 36 | 0 | 13.68 | 13.63 | 13.68 | 13.60 | 13.72 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.66 | 13.65 | 13.60 | 13.65 | 13.63 | | |
| 15 | 16QAM | 36 | 39 | 13.71 | 13.67 | 13.76 | 13.60 | 13.60 | | |
| 15 | 16QAM | 75 | 0 | 13.60 | 13.61 | 13.66 | 13.51 | 13.52 | | |
| 15 | 64QAM | 1 | 0 | 13.71 | 13.67 | 13.48 | 13.59 | 13.65 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.79 | 13.77 | 13.74 | 13.81 | 13.86 | | |
| 15 | 64QAM | 1 | 74 | 13.82 | 13.85 | 13.80 | 13.89 | 13.87 | | |
| 15 | 64QAM | 36 | 0 | 13.77 | 13.81 | 13.58 | 13.81 | 13.78 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.82 | 13.83 | 13.86 | 13.85 | 13.84 | | |
| 15 | 64QAM | 36 | 39 | 13.59 | 13.55 | 13.83 | 13.55 | 13.67 | | |
| 15 | 64QAM | 75 | 0 | 13.80 | 13.84 | 13.67 | 13.84 | 13.97 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 13.83 | 13.82 | 13.86 | 13.81 | 13.78 | 14.90 | 0 |
| 10 | QPSK | 1 | 25 | 13.75 | 13.74 | 13.67 | 13.76 | 13.73 | | |
| 10 | QPSK | 1 | 49 | 13.54 | 13.57 | 13.63 | 13.62 | 13.66 | | |
| 10 | QPSK | 25 | 0 | 13.87 | 13.84 | 13.85 | 13.82 | 13.85 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.64 | 13.72 | 13.56 | 13.71 | 13.78 | | |
| 10 | QPSK | 25 | 25 | 13.62 | 13.60 | 13.77 | 13.67 | 13.69 | | |
| 10 | QPSK | 50 | 0 | 13.70 | 13.76 | 13.87 | 13.79 | 13.66 | | |
| 10 | 16QAM | 1 | 0 | 13.54 | 13.52 | 13.60 | 13.49 | 13.53 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.84 | 13.87 | 13.76 | 13.90 | 13.78 | | |
| 10 | 16QAM | 1 | 49 | 13.65 | 13.79 | 13.64 | 13.70 | 13.76 | | |
| 10 | 16QAM | 25 | 0 | 13.76 | 13.68 | 13.57 | 13.68 | 13.73 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.64 | 13.58 | 13.53 | 13.63 | 13.62 | | |
| 10 | 16QAM | 25 | 25 | 13.65 | 13.68 | 13.68 | 13.59 | 13.59 | | |
| 10 | 16QAM | 50 | 0 | 13.59 | 13.64 | 13.70 | 13.57 | 13.53 | | |
| 10 | 64QAM | 1 | 0 | 13.64 | 13.59 | 13.50 | 13.53 | 13.64 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.85 | 13.75 | 13.81 | 13.82 | 13.89 | | |
| 10 | 64QAM | 1 | 49 | 13.91 | 13.86 | 13.88 | 13.86 | 13.91 | | |
| 10 | 64QAM | 25 | 0 | 13.84 | 13.83 | 13.62 | 13.84 | 13.73 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.73 | 13.86 | 13.80 | 13.92 | 13.83 | | |
| 10 | 64QAM | 25 | 25 | 13.56 | 13.65 | 13.82 | 13.56 | 13.66 | | |
| 10 | 64QAM | 50 | 0 | 13.86 | 13.84 | 13.61 | 13.88 | 13.97 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 13.84 | 13.74 | 13.92 | 13.87 | 13.79 | 14.90 | 0 |
| 5 | QPSK | 1 | 12 | 13.68 | 13.70 | 13.63 | 13.81 | 13.71 | | |
| 5 | QPSK | 1 | 24 | 13.53 | 13.57 | 13.69 | 13.57 | 13.69 | | |
| 5 | QPSK | 12 | 0 | 13.89 | 13.86 | 13.95 | 13.81 | 13.86 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.64 | 13.72 | 13.57 | 13.71 | 13.72 | | |
| 5 | QPSK | 12 | 13 | 13.60 | 13.67 | 13.71 | 13.66 | 13.69 | | |
| 5 | QPSK | 25 | 0 | 13.79 | 13.72 | 13.82 | 13.83 | 13.76 | | |
| 5 | 16QAM | 1 | 0 | 13.60 | 13.52 | 13.61 | 13.47 | 13.62 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.90 | 13.83 | 13.74 | 13.90 | 13.80 | | |
| 5 | 16QAM | 1 | 24 | 13.63 | 13.79 | 13.72 | 13.75 | 13.82 | | |
| 5 | 16QAM | 12 | 0 | 13.79 | 13.68 | 13.66 | 13.70 | 13.66 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.66 | 13.63 | 13.52 | 13.69 | 13.56 | | |
| 5 | 16QAM | 12 | 13 | 13.66 | 13.66 | 13.74 | 13.57 | 13.61 | | |
| 5 | 16QAM | 25 | 0 | 13.63 | 13.61 | 13.67 | 13.55 | 13.61 | | |
| 5 | 64QAM | 1 | 0 | 13.73 | 13.63 | 13.47 | 13.58 | 13.64 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.88 | 13.80 | 13.85 | 13.77 | 13.82 | | |
| 5 | 64QAM | 1 | 24 | 13.84 | 13.86 | 13.80 | 13.86 | 13.86 | | |
| 5 | 64QAM | 12 | 0 | 13.78 | 13.87 | 13.56 | 13.78 | 13.80 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.83 | 13.94 | 13.86 | 13.93 | 13.85 | | |
| 5 | 64QAM | 12 | 13 | 13.64 | 13.59 | 13.92 | 13.61 | 13.62 | | |
| 5 | 64QAM | 25 | 0 | 13.87 | 13.84 | 13.63 | 13.81 | 13.90 | | |

## Reduced Power Level for DSI 7

GSM850 Ant 0 DSI7

| 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 | 30.63 | 30.83 | 30.81 | 32.00 | 21.63 | 21.83 | 21.81 | 23.00 |
| GPRS 1 Tx slot | 30.55 | 30.60 | 30.81 | 32.00 | 21.55 | 21.60 | 21.81 | 23.00 |
| GPRS 2 Tx slots | 27.01 | 27.03 | 27.10 | 29.00 | 21.01 | 21.03 | 21.10 | 23.00 |
| GPRS 3 Tx slots | 25.24 | 25.26 | 25.38 | 27.20 | 20.98 | 21.00 | 21.12 | 22.94 |
| GPRS 4 Tx slots | 24.06 | 24.13 | 24.02 | 26.00 | 21.06 | 21.13 | 21.02 | 23.00 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI7

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.14 | 22.19 | 22.10 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.21 | 22.26 | 22.17 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.83 | 18.95 | 18.84 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.88 | 18.96 | 18.87 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.43 | 20.47 | 20.36 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.22 | 20.53 | 20.38 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.79 | 19.04 | 18.83 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.76 | 18.92 | 18.95 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.25 | 20.44 | 20.38 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.30 | 20.50 | 20.44 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.83 | 18.92 | 18.86 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.80 | 16.93 | 16.91 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.75 | 18.05 | 17.93 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.81 | 16.96 | 16.84 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.82 | 18.96 | 18.95 | 20.00 |

## Band 5 Ant 0 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.10 | 22.30 | 22.26 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 22.15 | 22.14 | 22.13 | | |
| 10 | QPSK | 1 | 49 | 22.16 | 22.16 | 22.18 | | |
| 10 | QPSK | 25 | 0 | 22.15 | 22.27 | 22.15 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.12 | 22.14 | | |
| 10 | QPSK | 25 | 25 | 22.23 | 22.12 | 22.22 | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.23 | 22.20 | | |
| 10 | 16QAM | 1 | 0 | 22.04 | 22.08 | 22.13 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.19 | 22.23 | 22.21 | | |
| 10 | 16QAM | 1 | 49 | 22.18 | 22.16 | 22.11 | | |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.10 | 22.14 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.18 | 22.20 | | |
| 10 | 16QAM | 25 | 25 | 22.11 | 22.14 | 22.27 | | |
| 10 | 16QAM | 50 | 0 | 22.11 | 22.12 | 22.14 | | |
| 10 | 64QAM | 1 | 0 | 22.08 | 22.19 | 22.14 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.23 | 22.25 | 22.29 | | |
| 10 | 64QAM | 1 | 49 | 22.19 | 22.11 | 22.29 | | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.70 | 21.62 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.51 | 21.60 | 21.52 | | |
| 10 | 64QAM | 25 | 25 | 21.50 | 21.55 | 21.47 | | |
| 10 | 64QAM | 50 | 0 | 21.47 | 21.61 | 21.47 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.99 | 22.18 | 22.18 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 22.12 | 22.01 | 22.04 | | |
| 5 | QPSK | 1 | 24 | 22.03 | 22.06 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 22.12 | 22.23 | 22.03 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 22.07 | 22.09 | 22.10 | | |
| 5 | QPSK | 12 | 13 | 22.15 | 22.04 | 22.13 | | |
| 5 | QPSK | 25 | 0 | 22.14 | 22.10 | 22.10 | | |
| 5 | 16QAM | 1 | 0 | 21.92 | 22.02 | 22.01 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.12 | 22.18 | 22.11 | | |
| 5 | 16QAM | 1 | 24 | 22.12 | 22.13 | 22.23 | | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.99 | 22.01 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 22.09 | 22.06 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.05 | 22.09 | 22.13 | | |
| 5 | 16QAM | 25 | 0 | 22.02 | 21.99 | 22.03 | | |
| 5 | 64QAM | 1 | 0 | 21.96 | 22.14 | 22.06 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 22.20 | 22.11 | 22.17 | | |
| 5 | 64QAM | 1 | 24 | 22.06 | 22.01 | 22.15 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.59 | 21.47 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.56 | 21.48 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.43 | 21.44 | | |
| 5 | 64QAM | 25 | 0 | 21.35 | 21.50 | 21.37 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.03 | 22.26 | 22.14 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 22.02 | 22.04 | 22.00 | | |
| 3 | QPSK | 1 | 14 | 22.10 | 22.05 | 22.09 | | |
| 3 | QPSK | 8 | 0 | 22.10 | 22.17 | 22.07 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 22.09 | 21.98 | 22.03 | | |
| 3 | QPSK | 8 | 7 | 22.16 | 21.99 | 22.10 | | |
| 3 | QPSK | 15 | 0 | 22.18 | 22.11 | 22.12 | | |
| 3 | 16QAM | 1 | 0 | 22.00 | 21.97 | 22.04 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 22.16 | 22.09 | 22.14 | | |
| 3 | 16QAM | 1 | 14 | 22.12 | 22.08 | 22.23 | | |
| 3 | 16QAM | 8 | 0 | 21.95 | 21.98 | 22.09 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 22.06 | 22.05 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.01 | 22.11 | 22.17 | | |
| 3 | 16QAM | 15 | 0 | 22.02 | 21.98 | 22.06 | | |
| 3 | 64QAM | 1 | 0 | 21.99 | 22.15 | 22.02 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 22.14 | 22.18 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.07 | 22.06 | 22.17 | | |
| 3 | 64QAM | 8 | 0 | 21.49 | 21.56 | 21.50 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.37 | 21.51 | 21.46 | | |
| 3 | 64QAM | 8 | 7 | 21.44 | 21.51 | 21.33 | | |
| 3 | 64QAM | 15 | 0 | 21.40 | 21.51 | 21.40 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.01 | 22.15 | 22.11 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.11 | 22.08 | 22.00 | | |
| 1.4 | QPSK | 1 | 5 | 22.09 | 22.08 | 22.08 | | |
| 1.4 | QPSK | 3 | 0 | 22.03 | 22.13 | 22.10 | | |
| 1.4 | QPSK | 3 | 1 | 22.05 | 22.04 | 22.09 | | |
| 1.4 | QPSK | 3 | 3 | 22.18 | 22.08 | 22.15 | | |
| 1.4 | QPSK | 6 | 0 | 22.08 | 22.15 | 22.14 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.98 | 21.94 | 22.05 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.09 | 22.12 | 22.08 | | |
| 1.4 | 16QAM | 1 | 5 | 22.04 | 22.06 | 22.25 | | |
| 1.4 | 16QAM | 3 | 0 | 21.97 | 21.99 | 22.06 | | |
| 1.4 | 16QAM | 3 | 1 | 22.08 | 22.08 | 22.07 | | |
| 1.4 | 16QAM | 3 | 3 | 21.98 | 22.09 | 22.19 | | |
| 1.4 | 16QAM | 6 | 0 | 22.05 | 22.08 | 22.03 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.95 | 22.09 | 22.00 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.13 | 22.22 | 22.15 | | |
| 1.4 | 64QAM | 1 | 5 | 22.11 | 22.02 | 22.16 | | |
| 1.4 | 64QAM | 3 | 0 | 22.08 | 22.19 | 22.07 | | |
| 1.4 | 64QAM | 3 | 1 | 21.89 | 21.98 | 22.00 | | |
| 1.4 | 64QAM | 3 | 3 | 22.14 | 22.12 | 22.15 | | |
| 1.4 | 64QAM | 6 | 0 | 21.40 | 21.57 | 21.33 | 22.5 | 0.5 |

## Band 12 Ant 0 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.95 | 22.21 | 22.12 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.95 | 22.02 | 21.94 | | |
| 10 | QPSK | 1 | 49 | 21.98 | 22.06 | 22.01 | | |
| 10 | QPSK | 25 | 0 | 21.97 | 22.15 | 22.02 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 22.08 | 21.95 | 22.03 | | |
| 10 | QPSK | 25 | 25 | 22.05 | 22.10 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 22.08 | 22.14 | 22.07 | | |
| 10 | 16QAM | 1 | 0 | 21.85 | 21.95 | 22.04 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.11 | 22.14 | 22.04 | | |
| 10 | 16QAM | 1 | 49 | 22.08 | 21.97 | 22.12 | | |
| 10 | 16QAM | 25 | 0 | 21.95 | 22.00 | 22.05 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.98 | 22.08 | 22.08 | | |
| 10 | 16QAM | 25 | 25 | 21.93 | 22.01 | 22.14 | | |
| 10 | 16QAM | 50 | 0 | 21.92 | 21.93 | 21.99 | | |
| 10 | 64QAM | 1 | 0 | 21.91 | 22.07 | 21.98 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.14 | 22.13 | 22.17 | | |
| 10 | 64QAM | 1 | 49 | 22.01 | 22.00 | 22.18 | | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.77 | 21.64 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.60 | | |
| 10 | 64QAM | 25 | 25 | 21.69 | 21.73 | 21.64 | | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.63 | 21.55 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.91 | 22.07 | 22.02 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.92 | 21.92 | 21.86 | | |
| 5 | QPSK | 1 | 24 | 21.92 | 21.95 | 21.94 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 22.06 | 21.87 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.85 | 22.00 | | |
| 5 | QPSK | 12 | 13 | 21.97 | 22.00 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.99 | 22.01 | 21.98 | | |
| 5 | 16QAM | 1 | 0 | 21.79 | 21.87 | 21.91 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.03 | 22.09 | 21.92 | | |
| 5 | 16QAM | 1 | 24 | 21.97 | 21.87 | 22.08 | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.97 | 21.92 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.88 | 21.94 | 22.01 | | |
| 5 | 16QAM | 12 | 13 | 21.79 | 21.92 | 22.05 | | |
| 5 | 16QAM | 25 | 0 | 21.86 | 21.88 | 21.87 | | |
| 5 | 64QAM | 1 | 0 | 21.86 | 22.00 | 21.88 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.06 | 22.09 | | |
| 5 | 64QAM | 1 | 24 | 21.92 | 21.97 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.67 | 21.50 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.62 | 21.55 | | |
| 5 | 64QAM | 25 | 0 | 21.44 | 21.53 | 21.42 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.90 | 22.12 | 22.04 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 21.91 | 21.95 | 21.81 | | |
| 3 | QPSK | 1 | 14 | 21.87 | 22.02 | 21.94 | | |
| 3 | QPSK | 8 | 0 | 21.90 | 22.05 | 21.92 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 21.94 | 21.90 | 21.89 | | |
| 3 | QPSK | 8 | 7 | 22.01 | 22.01 | 21.90 | | |
| 3 | QPSK | 15 | 0 | 21.94 | 21.99 | 22.00 | | |
| 3 | 16QAM | 1 | 0 | 21.72 | 21.90 | 22.01 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 21.99 | 22.04 | 21.98 | | |
| 3 | 16QAM | 1 | 14 | 22.02 | 21.83 | 22.00 | | |
| 3 | 16QAM | 8 | 0 | 21.81 | 21.91 | 21.91 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 21.86 | 21.94 | 22.05 | | |
| 3 | 16QAM | 8 | 7 | 21.84 | 21.95 | 22.02 | | |
| 3 | 16QAM | 15 | 0 | 21.78 | 21.85 | 21.84 | | |
| 3 | 64QAM | 1 | 0 | 21.83 | 21.95 | 21.84 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 22.08 | 22.08 | 22.04 | | |
| 3 | 64QAM | 1 | 14 | 21.95 | 21.92 | 22.11 | | |
| 3 | 64QAM | 8 | 0 | 21.62 | 21.67 | 21.60 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.63 | 21.53 | | |
| 3 | 64QAM | 15 | 0 | 21.43 | 21.50 | 21.52 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.91 | 22.16 | 22.07 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.89 | 21.89 | 21.85 | | |
| 1.4 | QPSK | 1 | 5 | 21.86 | 21.93 | 21.92 | | |
| 1.4 | QPSK | 3 | 0 | 21.83 | 22.11 | 21.93 | | |
| 1.4 | QPSK | 3 | 1 | 21.94 | 21.92 | 21.95 | | |
| 1.4 | QPSK | 3 | 3 | 22.01 | 21.96 | 22.00 | | |
| 1.4 | QPSK | 6 | 0 | 22.01 | 22.08 | 22.02 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.78 | 21.89 | 21.93 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.08 | 22.03 | 21.99 | | |
| 1.4 | 16QAM | 1 | 5 | 21.94 | 21.86 | 22.04 | | |
| 1.4 | 16QAM | 3 | 0 | 21.80 | 21.93 | 21.96 | | |
| 1.4 | 16QAM | 3 | 1 | 21.89 | 22.03 | 21.96 | | |
| 1.4 | 16QAM | 3 | 3 | 21.88 | 21.97 | 22.03 | | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.87 | 21.91 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.82 | 21.94 | 21.93 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.00 | 22.05 | 22.08 | | |
| 1.4 | 64QAM | 1 | 5 | 21.88 | 21.92 | 22.09 | | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.03 | 21.99 | | |
| 1.4 | 64QAM | 3 | 1 | 22.05 | 21.92 | 22.01 | | |
| 1.4 | 64QAM | 3 | 3 | 21.81 | 21.93 | 22.01 | | |
| 1.4 | 64QAM | 6 | 0 | 21.39 | 21.55 | 21.44 | 22.5 | 0.5 |

## Band 13 Ant 0 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 20.85 | | 22 | 0 |
| 10 | QPSK | 1 | 25 | | 20.69 | | | |
| 10 | QPSK | 1 | 49 | | 20.64 | | | |
| 10 | QPSK | 25 | 0 | | 20.79 | | 22 | 0 |
| 10 | QPSK | 25 | 12 | | 20.58 | | | |
| 10 | QPSK | 25 | 25 | | 20.69 | | | |
| 10 | QPSK | 50 | 0 | | 20.74 | | | |
| 10 | 16QAM | 1 | 0 | | 20.57 | | 22 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.76 | | | |
| 10 | 16QAM | 1 | 49 | | 20.60 | | | |
| 10 | 16QAM | 25 | 0 | | 20.55 | | 22 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.69 | | | |
| 10 | 16QAM | 25 | 25 | | 20.60 | | | |
| 10 | 16QAM | 50 | 0 | | 20.49 | | | |
| 10 | 64QAM | 1 | 0 | | 20.74 | | 22 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.78 | | | |
| 10 | 64QAM | 1 | 49 | | 20.65 | | | |
| 10 | 64QAM | 25 | 0 | | 20.41 | | 21.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | | 20.36 | | | |
| 10 | 64QAM | 25 | 25 | | 20.41 | | | |
| 10 | 64QAM | 50 | 0 | | 20.42 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.70 | 20.79 | 20.72 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.60 | 20.62 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.55 | 20.53 | 20.57 | | |
| 5 | QPSK | 12 | 0 | 20.70 | 20.72 | 20.76 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.45 | 20.44 | 20.51 | | |
| 5 | QPSK | 12 | 13 | 20.56 | 20.63 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.62 | 20.59 | 20.69 | | |
| 5 | 16QAM | 1 | 0 | 20.46 | 20.50 | 20.46 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.65 | 20.73 | 20.65 | | |
| 5 | 16QAM | 1 | 24 | 20.54 | 20.48 | 20.49 | | |
| 5 | 16QAM | 12 | 0 | 20.47 | 20.48 | 20.41 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.61 | 20.58 | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.55 | 20.47 | | |
| 5 | 16QAM | 25 | 0 | 20.43 | 20.51 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.61 | 20.68 | 20.61 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.63 | 20.68 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.56 | 20.62 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.31 | 20.20 | 21.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.20 | 20.29 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.38 | 20.27 | | |
| 5 | 64QAM | 25 | 0 | 20.21 | 20.28 | 20.23 | | |

## Band 17 Ant 0 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.90 | 22.16 | 22.10 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.81 | 21.94 | 21.99 | | |
| 10 | QPSK | 1 | 49 | 21.95 | 22.01 | 21.91 | | |
| 10 | QPSK | 25 | 0 | 21.94 | 22.12 | 22.06 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.99 | 21.80 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.91 | 22.03 | 22.10 | | |
| 10 | QPSK | 50 | 0 | 22.02 | 22.07 | 22.00 | | |
| 10 | 16QAM | 1 | 0 | 21.73 | 21.85 | 21.83 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.00 | 22.08 | 22.05 | | |
| 10 | 16QAM | 1 | 49 | 21.94 | 21.91 | 21.93 | | |
| 10 | 16QAM | 25 | 0 | 21.83 | 21.91 | 21.88 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.92 | 22.03 | 22.00 | | |
| 10 | 16QAM | 25 | 25 | 21.81 | 21.89 | 21.94 | | |
| 10 | 16QAM | 50 | 0 | 21.85 | 21.86 | 21.80 | | |
| 10 | 64QAM | 1 | 0 | 21.87 | 22.00 | 22.06 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.02 | 21.98 | 22.09 | | |
| 10 | 64QAM | 1 | 49 | 21.92 | 21.92 | 21.83 | | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.69 | 21.61 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.57 | | |
| 10 | 64QAM | 25 | 25 | 21.54 | 21.65 | 21.57 | | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.63 | 21.51 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.86 | 22.11 | 22.10 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.72 | 21.87 | 21.86 | | |
| 5 | QPSK | 1 | 24 | 21.88 | 21.95 | 21.94 | | |
| 5 | QPSK | 12 | 0 | 21.88 | 22.03 | 22.01 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.85 | 21.70 | 21.70 | | |
| 5 | QPSK | 12 | 13 | 21.87 | 21.91 | 22.04 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.98 | 21.94 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.80 | 21.68 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.92 | 21.93 | 22.01 | | |
| 5 | 16QAM | 1 | 24 | 21.87 | 21.77 | 21.82 | | |
| 5 | 16QAM | 12 | 0 | 21.70 | 21.82 | 21.83 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.84 | 21.94 | 21.88 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.74 | 21.91 | | |
| 5 | 16QAM | 25 | 0 | 21.78 | 21.79 | 21.73 | | |
| 5 | 64QAM | 1 | 0 | 21.78 | 21.92 | 21.99 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.92 | 21.91 | 22.03 | | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.79 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.60 | 21.54 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.50 | 21.50 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.59 | 21.51 | | |
| 5 | 64QAM | 25 | 0 | 21.45 | 21.55 | 21.38 | | |

## Band 26 Ant 0 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.80 | 22.12 | 22.10 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 21.76 | 21.85 | 21.92 | | |
| 15 | QPSK | 1 | 74 | 21.91 | 21.91 | 21.91 | | |
| 15 | QPSK | 36 | 0 | 21.82 | 22.03 | 22.01 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.87 | 21.66 | 21.76 | | |
| 15 | QPSK | 36 | 39 | 21.80 | 21.96 | 22.02 | | |
| 15 | QPSK | 75 | 0 | 21.96 | 21.99 | 21.95 | | |
| 15 | 16QAM | 1 | 0 | 21.66 | 21.74 | 21.79 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 21.87 | 21.95 | 21.95 | | |
| 15 | 16QAM | 1 | 74 | 21.81 | 21.77 | 21.88 | | |
| 15 | 16QAM | 36 | 0 | 21.78 | 21.77 | 21.76 | 23 | 0 |
| 15 | 16QAM | 36 | 20 | 21.83 | 21.99 | 21.91 | | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.79 | 21.91 | | |
| 15 | 16QAM | 75 | 0 | 21.74 | 21.71 | 21.76 | | |
| 15 | 64QAM | 1 | 0 | 21.82 | 21.91 | 21.92 | 23 | 0 |
| 15 | 64QAM | 1 | 37 | 21.89 | 21.89 | 22.03 | | |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.88 | 21.74 | | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.69 | 21.56 | 22.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.70 | 21.61 | | |
| 15 | 64QAM | 36 | 39 | 21.48 | 21.57 | 21.51 | | |
| 15 | 64QAM | 75 | 0 | 21.56 | 21.63 | 21.55 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.76 | 22.07 | 22.03 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.61 | 21.79 | 21.86 | | |
| 10 | QPSK | 1 | 49 | 21.83 | 21.77 | 21.81 | | |
| 10 | QPSK | 25 | 0 | 21.68 | 21.94 | 21.91 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.81 | 21.56 | 21.72 | | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.82 | 21.96 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 21.84 | 21.89 | | |
| 10 | 16QAM | 1 | 0 | 21.59 | 21.68 | 21.73 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.80 | 21.88 | 21.90 | | |
| 10 | 16QAM | 1 | 49 | 21.71 | 21.69 | 21.74 | | |
| 10 | 16QAM | 25 | 0 | 21.72 | 21.64 | 21.70 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.69 | 21.91 | 21.85 | | |
| 10 | 16QAM | 25 | 25 | 21.63 | 21.74 | 21.85 | | |
| 10 | 16QAM | 50 | 0 | 21.61 | 21.60 | 21.62 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.87 | 21.85 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.82 | 21.99 | | |
| 10 | 64QAM | 1 | 49 | 21.78 | 21.84 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.49 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.60 | 21.50 | | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.43 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.45 | 21.53 | 21.41 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.74 | 21.95 | 22.08 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.67 | 21.81 | 21.88 | | |
| 5 | QPSK | 1 | 24 | 21.77 | 21.81 | 21.81 | | |
| 5 | QPSK | 12 | 0 | 21.70 | 21.90 | 21.90 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.75 | 21.61 | 21.65 | | |
| 5 | QPSK | 12 | 13 | 21.72 | 21.86 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.93 | 21.89 | 21.89 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.60 | 21.69 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.80 | 21.88 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.73 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 21.65 | 21.65 | 21.71 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.86 | 21.88 | | |
| 5 | 16QAM | 12 | 13 | 21.60 | 21.71 | 21.85 | | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.67 | | |
| 5 | 64QAM | 1 | 0 | 21.74 | 21.76 | 21.83 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.86 | 21.75 | 21.97 | | |
| 5 | 64QAM | 1 | 24 | 21.72 | 21.82 | 21.70 | | |
| 5 | 64QAM | 12 | 0 | 21.50 | 21.61 | 21.45 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.62 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.34 | 21.53 | 21.47 | | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.49 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.74 | 22.06 | 22.03 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 21.71 | 21.77 | 21.81 | | |
| 3 | QPSK | 1 | 14 | 21.77 | 21.85 | 21.85 | | |
| 3 | QPSK | 8 | 0 | 21.72 | 21.99 | 21.88 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 21.81 | 21.57 | 21.62 | | |
| 3 | QPSK | 8 | 7 | 21.71 | 21.83 | 21.94 | | |
| 3 | QPSK | 15 | 0 | 21.89 | 21.94 | 21.86 | | |
| 3 | 16QAM | 1 | 0 | 21.58 | 21.70 | 21.73 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.86 | 21.85 | | |
| 3 | 16QAM | 1 | 14 | 21.72 | 21.71 | 21.74 | | |
| 3 | 16QAM | 8 | 0 | 21.69 | 21.71 | 21.64 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 21.71 | 21.86 | 21.84 | | |
| 3 | 16QAM | 8 | 7 | 21.56 | 21.72 | 21.81 | | |
| 3 | 16QAM | 15 | 0 | 21.67 | 21.65 | 21.63 | | |
| 3 | 64QAM | 1 | 0 | 21.74 | 21.79 | 21.84 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.84 | 21.89 | | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.80 | 21.70 | | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.57 | 21.51 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.44 | 21.45 | | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.59 | 21.49 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.76 | 21.96 | 22.03 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.64 | 21.80 | 21.89 | | |
| 1.4 | QPSK | 1 | 5 | 21.77 | 21.83 | 21.79 | | |
| 1.4 | QPSK | 3 | 0 | 21.77 | 21.88 | 21.92 | | |
| 1.4 | QPSK | 3 | 1 | 21.77 | 21.57 | 21.72 | | |
| 1.4 | QPSK | 3 | 3 | 21.70 | 21.88 | 21.93 | | |
| 1.4 | QPSK | 6 | 0 | 21.84 | 21.90 | 21.84 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.55 | 21.69 | 21.70 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.76 | 21.92 | 21.83 | | |
| 1.4 | 16QAM | 1 | 5 | 21.69 | 21.66 | 21.74 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.74 | 21.63 | | |
| 1.4 | 16QAM | 3 | 1 | 21.72 | 21.87 | 21.79 | | |
| 1.4 | 16QAM | 3 | 3 | 21.63 | 21.67 | 21.77 | | |
| 1.4 | 16QAM | 6 | 0 | 21.63 | 21.59 | 21.65 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.69 | 21.80 | 21.86 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.75 | 21.95 | | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.74 | 21.67 | | |
| 1.4 | 64QAM | 3 | 0 | 21.70 | 21.74 | 21.75 | | |
| 1.4 | 64QAM | 3 | 1 | 21.73 | 21.69 | 21.66 | | |
| 1.4 | 64QAM | 3 | 3 | 21.70 | 21.95 | 21.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.48 | 21.54 | 21.50 | 22.5 | 0.5 |

GSM1900 Ant 1 DSI7

| 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 | 27.29 | 27.14 | 27.25 | 28.50 | 18.29 | 18.14 | 18.25 | 19.50 |
| GPRS 1 Tx slot | 27.21 | 27.09 | 27.18 | 28.50 | 18.21 | 18.09 | 18.18 | 19.50 |
| GPRS 2 Tx slots | 23.70 | 23.79 | 23.75 | 25.50 | 17.70 | 17.79 | 17.75 | 19.50 |
| GPRS 3 Tx slots | 21.78 | 21.74 | 21.79 | 23.70 | 17.52 | 17.48 | 17.53 | 19.44 |
| GPRS 4 Tx slots | 20.61 | 20.63 | 20.54 | 22.50 | 17.61 | 17.63 | 17.54 | 19.50 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant 1 DSI7 / WCDMA IV Ant 1 DSI7

| 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 | 21.72 | 21.83 | 21.69 | 22.60 | 21.80 | 21.83 | 21.76 | 22.60 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.84 | 21.96 | 21.83 | 22.60 | 21.89 | 21.92 | 21.89 | 22.60 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.01 | 21.13 | 21.21 | 21.80 | 21.13 | 21.07 | 21.07 | 21.60 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.96 | 21.10 | 20.97 | 21.80 | 21.03 | 21.15 | 20.91 | 21.60 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.45 | 20.48 | 20.45 | 21.10 | 20.71 | 20.67 | 20.53 | 21.10 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.37 | 20.52 | 20.44 | 21.10 | 20.50 | 20.72 | 20.48 | 21.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.95 | 21.33 | 21.22 | 21.80 | 20.85 | 21.12 | 21.01 | 21.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.02 | 21.31 | 21.23 | 21.80 | 20.99 | 21.06 | 21.15 | 21.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.43 | 20.55 | 20.58 | 21.10 | 20.34 | 20.45 | 20.50 | 21.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.62 | 20.68 | 20.42 | 21.10 | 20.42 | 20.57 | 20.22 | 21.10 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.17 | 21.19 | 21.06 | 21.80 | 21.19 | 21.15 | 21.10 | 21.60 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.99 | 18.00 | 17.92 | 18.60 | 18.98 | 19.15 | 18.98 | 19.60 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.98 | 18.98 | 18.95 | 19.60 | 20.00 | 20.17 | 19.98 | 20.60 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.97 | 18.08 | 17.91 | 18.60 | 19.09 | 19.20 | 19.08 | 19.60 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.16 | 21.45 | 21.25 | 21.80 | 20.85 | 21.12 | 20.99 | 21.60 |

## Band 2 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 21.20 | 21.42 | 21.37 | 22.6 | 0 |
| 20 | QPSK | 1 | 49 | 21.15 | 21.20 | 21.26 | | |
| 20 | QPSK | 1 | 99 | 21.32 | 21.39 | 21.26 | | |
| 20 | QPSK | 50 | 0 | 21.22 | 21.33 | 21.30 | 22.6 | 0 |
| 20 | QPSK | 50 | 24 | 21.15 | 21.14 | 21.24 | | |
| 20 | QPSK | 50 | 50 | 21.30 | 21.24 | 21.24 | | |
| 20 | QPSK | 100 | 0 | 21.23 | 21.29 | 21.20 | | |
| 20 | 16QAM | 1 | 0 | 21.19 | 21.23 | 21.21 | 22.6 | 0 |
| 20 | 16QAM | 1 | 49 | 21.40 | 21.29 | 21.39 | | |
| 20 | 16QAM | 1 | 99 | 21.33 | 21.30 | 21.35 | | |
| 20 | 16QAM | 50 | 0 | 21.23 | 21.34 | 21.22 | 22.6 | 0 |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.17 | 21.32 | | |
| 20 | 16QAM | 50 | 50 | 21.17 | 21.33 | 21.31 | | |
| 20 | 16QAM | 100 | 0 | 21.22 | 21.29 | 21.27 | | |
| 20 | 64QAM | 1 | 0 | 21.24 | 21.25 | 21.28 | 22.6 | 0 |
| 20 | 64QAM | 1 | 49 | 21.40 | 21.28 | 21.34 | | |
| 20 | 64QAM | 1 | 99 | 21.21 | 21.23 | 21.34 | | |
| 20 | 64QAM | 50 | 0 | 20.99 | 21.07 | 20.92 | 22.1 | 0.5 |
| 20 | 64QAM | 50 | 24 | 20.91 | 21.04 | 20.99 | | |
| 20 | 64QAM | 50 | 50 | 20.97 | 21.06 | 20.92 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 21.03 | 20.97 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 21.11 | 21.30 | 21.29 | 22.6 | 0 |
| 15 | QPSK | 1 | 37 | 21.06 | 21.07 | 21.15 | | |
| 15 | QPSK | 1 | 74 | 21.20 | 21.29 | 21.22 | | |
| 15 | QPSK | 36 | 0 | 21.15 | 21.27 | 21.15 | 22.6 | 0 |
| 15 | QPSK | 36 | 20 | 21.02 | 21.05 | 21.13 | | |
| 15 | QPSK | 36 | 39 | 21.22 | 21.13 | 21.09 | | |
| 15 | QPSK | 75 | 0 | 21.19 | 21.16 | 21.09 | | |
| 15 | 16QAM | 1 | 0 | 21.14 | 21.16 | 21.11 | 22.6 | 0 |
| 15 | 16QAM | 1 | 37 | 21.32 | 21.15 | 21.29 | | |
| 15 | 16QAM | 1 | 74 | 21.23 | 21.20 | 21.28 | | |
| 15 | 16QAM | 36 | 0 | 21.14 | 21.31 | 21.16 | 22.6 | 0 |
| 15 | 16QAM | 36 | 20 | 21.02 | 21.10 | 21.18 | | |
| 15 | 16QAM | 36 | 39 | 21.06 | 21.21 | 21.22 | | |
| 15 | 16QAM | 75 | 0 | 21.17 | 21.21 | 21.24 | | |
| 15 | 64QAM | 1 | 0 | 21.19 | 21.17 | 21.20 | 22.6 | 0 |
| 15 | 64QAM | 1 | 37 | 21.36 | 21.19 | 21.23 | | |
| 15 | 64QAM | 1 | 74 | 21.08 | 21.11 | 21.24 | | |
| 15 | 64QAM | 36 | 0 | 20.91 | 20.94 | 20.85 | 22.1 | 0.5 |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.91 | 20.93 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 21.00 | 20.79 | | |
| 15 | 64QAM | 75 | 0 | 20.85 | 20.99 | 20.85 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 21.16 | 21.32 | 21.26 | 22.6 | 0 |
| 10 | QPSK | 1 | 25 | 21.07 | 21.15 | 21.17 | | |
| 10 | QPSK | 1 | 49 | 21.28 | 21.34 | 21.14 | | |
| 10 | QPSK | 25 | 0 | 21.15 | 21.19 | 21.16 | 22.6 | 0 |
| 10 | QPSK | 25 | 12 | 21.05 | 21.09 | 21.12 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.10 | 21.17 | | |
| 10 | QPSK | 50 | 0 | 21.08 | 21.25 | 21.12 | | |
| 10 | 16QAM | 1 | 0 | 21.08 | 21.18 | 21.11 | 22.6 | 0 |
| 10 | 16QAM | 1 | 25 | 21.32 | 21.19 | 21.36 | | |
| 10 | 16QAM | 1 | 49 | 21.25 | 21.18 | 21.21 | | |
| 10 | 16QAM | 25 | 0 | 21.15 | 21.25 | 21.11 | 22.6 | 0 |
| 10 | 16QAM | 25 | 12 | 21.10 | 21.11 | 21.20 | | |
| 10 | 16QAM | 25 | 25 | 21.14 | 21.24 | 21.23 | | |
| 10 | 16QAM | 50 | 0 | 21.09 | 21.20 | 21.17 | | |
| 10 | 64QAM | 1 | 0 | 21.12 | 21.14 | 21.14 | 22.6 | 0 |
| 10 | 64QAM | 1 | 25 | 21.37 | 21.18 | 21.27 | | |
| 10 | 64QAM | 1 | 49 | 21.07 | 21.08 | 21.31 | | |
| 10 | 64QAM | 25 | 0 | 20.87 | 20.94 | 20.79 | 22.1 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.88 | 21.00 | 20.95 | | |
| 10 | 64QAM | 25 | 25 | 20.88 | 20.92 | 20.80 | | |
| 10 | 64QAM | 50 | 0 | 20.91 | 20.92 | 20.87 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 21.14 | 21.38 | 21.23 | 22.6 | 0 |
| 5 | QPSK | 1 | 12 | 21.07 | 21.11 | 21.23 | | |
| 5 | QPSK | 1 | 24 | 21.24 | 21.29 | 21.19 | | |
| 5 | QPSK | 12 | 0 | 21.19 | 21.24 | 21.24 | 22.6 | 0 |
| 5 | QPSK | 12 | 7 | 21.01 | 21.10 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.18 | 21.16 | 21.21 | | |
| 5 | QPSK | 25 | 0 | 21.12 | 21.17 | 21.17 | | |
| 5 | 16QAM | 1 | 0 | 21.04 | 21.13 | 21.07 | 22.6 | 0 |
| 5 | 16QAM | 1 | 12 | 21.33 | 21.24 | 21.30 | | |
| 5 | 16QAM | 1 | 24 | 21.24 | 21.16 | 21.25 | | |
| 5 | 16QAM | 12 | 0 | 21.20 | 21.26 | 21.14 | 22.6 | 0 |
| 5 | 16QAM | 12 | 7 | 21.07 | 21.06 | 21.29 | | |
| 5 | 16QAM | 12 | 13 | 21.05 | 21.20 | 21.23 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.17 | 21.16 | | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.14 | 21.14 | 22.6 | 0 |
| 5 | 64QAM | 1 | 12 | 21.26 | 21.24 | 21.23 | | |
| 5 | 64QAM | 1 | 24 | 21.12 | 21.11 | 21.20 | | |
| 5 | 64QAM | 12 | 0 | 20.95 | 21.01 | 20.85 | 22.1 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.84 | 20.97 | 20.90 | | |
| 5 | 64QAM | 12 | 13 | 20.90 | 20.99 | 20.82 | | |
| 5 | 64QAM | 25 | 0 | 20.91 | 20.95 | 20.84 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 21.11 | 21.36 | 21.22 | 22.6 | 0 |
| 3 | QPSK | 1 | 8 | 21.04 | 21.10 | 21.13 | | |
| 3 | QPSK | 1 | 14 | 21.21 | 21.33 | 21.16 | | |
| 3 | QPSK | 8 | 0 | 21.11 | 21.25 | 21.15 | 22.6 | 0 |
| 3 | QPSK | 8 | 4 | 21.00 | 21.09 | 21.18 | | |
| 3 | QPSK | 8 | 7 | 21.18 | 21.14 | 21.09 | | |
| 3 | QPSK | 15 | 0 | 21.19 | 21.15 | 21.12 | | |
| 3 | 16QAM | 1 | 0 | 21.05 | 21.14 | 21.09 | 22.6 | 0 |
| 3 | 16QAM | 1 | 8 | 21.33 | 21.19 | 21.26 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.16 | 21.29 | | |
| 3 | 16QAM | 8 | 0 | 21.15 | 21.21 | 21.14 | 22.6 | 0 |
| 3 | 16QAM | 8 | 4 | 21.02 | 21.05 | 21.18 | | |
| 3 | 16QAM | 8 | 7 | 21.08 | 21.29 | 21.19 | | |
| 3 | 16QAM | 15 | 0 | 21.17 | 21.23 | 21.24 | | |
| 3 | 64QAM | 1 | 0 | 21.19 | 21.17 | 21.21 | 22.6 | 0 |
| 3 | 64QAM | 1 | 8 | 21.32 | 21.22 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.08 | 21.16 | 21.26 | | |
| 3 | 64QAM | 8 | 0 | 20.91 | 20.97 | 20.85 | 22.1 | 0.5 |
| 3 | 64QAM | 8 | 4 | 20.83 | 20.91 | 20.87 | | |
| 3 | 64QAM | 8 | 7 | 20.83 | 20.93 | 20.82 | | |
| 3 | 64QAM | 15 | 0 | 20.91 | 20.88 | 20.86 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.05 | 21.38 | 21.23 | 22.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.01 | 21.17 | 21.14 | | |
| 1.4 | QPSK | 1 | 5 | 21.26 | 21.33 | 21.14 | | |
| 1.4 | QPSK | 3 | 0 | 21.17 | 21.19 | 21.17 | | |
| 1.4 | QPSK | 3 | 1 | 21.06 | 21.10 | 21.12 | | |
| 1.4 | QPSK | 3 | 3 | 21.16 | 21.20 | 21.10 | | |
| 1.4 | QPSK | 6 | 0 | 21.17 | 21.24 | 21.05 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.10 | 21.10 | 21.16 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.31 | 21.19 | 21.29 | | |
| 1.4 | 16QAM | 1 | 5 | 21.26 | 21.19 | 21.29 | | |
| 1.4 | 16QAM | 3 | 0 | 21.12 | 21.24 | 21.13 | | |
| 1.4 | 16QAM | 3 | 1 | 21.10 | 21.08 | 21.17 | | |
| 1.4 | 16QAM | 3 | 3 | 21.07 | 21.18 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.19 | 21.16 | 21.24 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.19 | 21.12 | 21.18 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.36 | 21.19 | 21.24 | | |
| 1.4 | 64QAM | 1 | 5 | 21.09 | 21.20 | 21.26 | | |
| 1.4 | 64QAM | 3 | 0 | 21.00 | 21.05 | 21.21 | | |
| 1.4 | 64QAM | 3 | 1 | 21.03 | 21.20 | 21.20 | | |
| 1.4 | 64QAM | 3 | 3 | 21.07 | 21.22 | 21.22 | | |
| 1.4 | 64QAM | 6 | 0 | 20.92 | 20.88 | 20.92 | 22.1 | 0.5 |

## Band 4 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 21.34 | 21.51 | 21.43 | 22.6 | 0 |
| 20 | QPSK | 1 | 49 | 21.29 | 21.24 | 21.34 | | |
| 20 | QPSK | 1 | 99 | 21.38 | 21.44 | 21.36 | | |
| 20 | QPSK | 50 | 0 | 21.34 | 21.43 | 21.41 | 22.6 | 0 |
| 20 | QPSK | 50 | 24 | 21.28 | 21.27 | 21.35 | | |
| 20 | QPSK | 50 | 50 | 21.37 | 21.38 | 21.31 | | |
| 20 | QPSK | 100 | 0 | 21.38 | 21.40 | 21.34 | | |
| 20 | 16QAM | 1 | 0 | 21.29 | 21.36 | 21.28 | 22.6 | 0 |
| 20 | 16QAM | 1 | 49 | 21.44 | 21.41 | 21.48 | | |
| 20 | 16QAM | 1 | 99 | 21.48 | 21.43 | 21.39 | | |
| 20 | 16QAM | 50 | 0 | 21.33 | 21.37 | 21.29 | 22.6 | 0 |
| 20 | 16QAM | 50 | 24 | 21.27 | 21.29 | 21.44 | | |
| 20 | 16QAM | 50 | 50 | 21.28 | 21.42 | 21.37 | | |
| 20 | 16QAM | 100 | 0 | 21.30 | 21.36 | 21.37 | | |
| 20 | 64QAM | 1 | 0 | 21.32 | 21.37 | 21.39 | 22.6 | 0 |
| 20 | 64QAM | 1 | 49 | 21.45 | 21.37 | 21.47 | | |
| 20 | 64QAM | 1 | 99 | 21.34 | 21.38 | 21.48 | | |
| 20 | 64QAM | 50 | 0 | 20.90 | 20.93 | 20.87 | 22.1 | 0.5 |
| 20 | 64QAM | 50 | 24 | 20.77 | 20.87 | 20.74 | | |
| 20 | 64QAM | 50 | 50 | 20.92 | 20.99 | 20.88 | | |
| 20 | 64QAM | 100 | 0 | 20.75 | 20.90 | 20.82 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 21.23 | 21.35 | 21.33 | 22.6 | 0 |
| 15 | QPSK | 1 | 37 | 21.22 | 21.09 | 21.31 | | |
| 15 | QPSK | 1 | 74 | 21.34 | 21.33 | 21.30 | | |
| 15 | QPSK | 36 | 0 | 21.20 | 21.36 | 21.28 | 22.6 | 0 |
| 15 | QPSK | 36 | 20 | 21.19 | 21.23 | 21.31 | | |
| 15 | QPSK | 36 | 39 | 21.32 | 21.26 | 21.26 | | |
| 15 | QPSK | 75 | 0 | 21.31 | 21.37 | 21.22 | | |
| 15 | 16QAM | 1 | 0 | 21.20 | 21.24 | 21.16 | 22.6 | 0 |
| 15 | 16QAM | 1 | 37 | 21.31 | 21.27 | 21.42 | | |
| 15 | 16QAM | 1 | 74 | 21.42 | 21.38 | 21.44 | | |
| 15 | 16QAM | 36 | 0 | 21.26 | 21.34 | 21.15 | 22.6 | 0 |
| 15 | 16QAM | 36 | 20 | 21.12 | 21.17 | 21.35 | | |
| 15 | 16QAM | 36 | 39 | 21.15 | 21.33 | 21.24 | | |
| 15 | 16QAM | 75 | 0 | 21.23 | 21.30 | 21.30 | | |
| 15 | 64QAM | 1 | 0 | 21.18 | 21.34 | 21.30 | 22.6 | 0 |
| 15 | 64QAM | 1 | 37 | 21.41 | 21.33 | 21.36 | | |
| 15 | 64QAM | 1 | 74 | 21.29 | 21.28 | 21.43 | | |
| 15 | 64QAM | 36 | 0 | 20.81 | 20.88 | 20.81 | 22.1 | 0.5 |
| 15 | 64QAM | 36 | 20 | 20.69 | 20.73 | 20.66 | | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.87 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.64 | 20.78 | 20.78 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 21.29 | 21.39 | 21.31 | 22.6 | 0 |
| 10 | QPSK | 1 | 25 | 21.22 | 21.20 | 21.22 | | |
| 10 | QPSK | 1 | 49 | 21.27 | 21.38 | 21.30 | | |
| 10 | QPSK | 25 | 0 | 21.29 | 21.38 | 21.26 | 22.6 | 0 |
| 10 | QPSK | 25 | 12 | 21.18 | 21.15 | 21.30 | | |
| 10 | QPSK | 25 | 25 | 21.24 | 21.26 | 21.27 | | |
| 10 | QPSK | 50 | 0 | 21.29 | 21.34 | 21.30 | | |
| 10 | 16QAM | 1 | 0 | 21.16 | 21.28 | 21.16 | 22.6 | 0 |
| 10 | 16QAM | 1 | 25 | 21.36 | 21.31 | 21.34 | | |
| 10 | 16QAM | 1 | 49 | 21.40 | 21.28 | 21.46 | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.26 | 21.17 | 22.6 | 0 |
| 10 | 16QAM | 25 | 12 | 21.21 | 21.23 | 21.37 | | |
| 10 | 16QAM | 25 | 25 | 21.19 | 21.30 | 21.26 | | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.27 | 21.23 | | |
| 10 | 64QAM | 1 | 0 | 21.24 | 21.24 | 21.32 | 22.6 | 0 |
| 10 | 64QAM | 1 | 25 | 21.39 | 21.33 | 21.43 | | |
| 10 | 64QAM | 1 | 49 | 21.28 | 21.27 | 21.41 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.86 | 20.83 | 22.1 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.68 | 20.77 | 20.62 | | |
| 10 | 64QAM | 25 | 25 | 20.85 | 20.86 | 20.79 | | |
| 10 | 64QAM | 50 | 0 | 20.67 | 20.76 | 20.77 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 21.30 | 21.44 | 21.30 | 22.6 | 0 |
| 5 | QPSK | 1 | 12 | 21.22 | 21.17 | 21.26 | | |
| 5 | QPSK | 1 | 24 | 21.27 | 21.29 | 21.32 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.29 | 21.36 | 22.6 | 0 |
| 5 | QPSK | 12 | 7 | 21.23 | 21.16 | 21.24 | | |
| 5 | QPSK | 12 | 13 | 21.25 | 21.29 | 21.19 | | |
| 5 | QPSK | 25 | 0 | 21.27 | 21.28 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.23 | 21.14 | 22.6 | 0 |
| 5 | 16QAM | 1 | 12 | 21.32 | 21.33 | 21.45 | | |
| 5 | 16QAM | 1 | 24 | 21.42 | 21.34 | 21.42 | | |
| 5 | 16QAM | 12 | 0 | 21.30 | 21.30 | 21.21 | 22.6 | 0 |
| 5 | 16QAM | 12 | 7 | 21.17 | 21.25 | 21.35 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.37 | 21.28 | | |
| 5 | 16QAM | 25 | 0 | 21.27 | 21.23 | 21.33 | | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.33 | 21.25 | 22.6 | 0 |
| 5 | 64QAM | 1 | 12 | 21.30 | 21.25 | 21.32 | | |
| 5 | 64QAM | 1 | 24 | 21.28 | 21.33 | 21.42 | | |
| 5 | 64QAM | 12 | 0 | 20.83 | 20.82 | 20.80 | 22.1 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.65 | 20.82 | 20.64 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.86 | 20.85 | | |
| 5 | 64QAM | 25 | 0 | 20.63 | 20.76 | 20.74 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 21.25 | 21.34 | 21.37 | 22.6 | 0 |
| 3 | QPSK | 1 | 8 | 21.18 | 21.18 | 21.26 | | |
| 3 | QPSK | 1 | 14 | 21.32 | 21.40 | 21.31 | | |
| 3 | QPSK | 8 | 0 | 21.20 | 21.34 | 21.27 | 22.6 | 0 |
| 3 | QPSK | 8 | 4 | 21.18 | 21.19 | 21.23 | | |
| 3 | QPSK | 8 | 7 | 21.33 | 21.27 | 21.26 | | |
| 3 | QPSK | 15 | 0 | 21.27 | 21.35 | 21.24 | | |
| 3 | 16QAM | 1 | 0 | 21.21 | 21.27 | 21.18 | 22.6 | 0 |
| 3 | 16QAM | 1 | 8 | 21.31 | 21.33 | 21.43 | | |
| 3 | 16QAM | 1 | 14 | 21.36 | 21.31 | 21.43 | | |
| 3 | 16QAM | 8 | 0 | 21.28 | 21.29 | 21.16 | 22.6 | 0 |
| 3 | 16QAM | 8 | 4 | 21.16 | 21.19 | 21.37 | | |
| 3 | 16QAM | 8 | 7 | 21.16 | 21.35 | 21.30 | | |
| 3 | 16QAM | 15 | 0 | 21.24 | 21.31 | 21.24 | | |
| 3 | 64QAM | 1 | 0 | 21.27 | 21.25 | 21.30 | 22.6 | 0 |
| 3 | 64QAM | 1 | 8 | 21.31 | 21.33 | 21.37 | | |
| 3 | 64QAM | 1 | 14 | 21.27 | 21.32 | 21.35 | | |
| 3 | 64QAM | 8 | 0 | 20.77 | 20.86 | 20.80 | 22.1 | 0.5 |
| 3 | 64QAM | 8 | 4 | 20.65 | 20.78 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.78 | 20.92 | 20.84 | | |
| 3 | 64QAM | 15 | 0 | 20.70 | 20.83 | 20.75 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.31 | 21.42 | 21.30 | 22.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.17 | 21.20 | 21.28 | | |
| 1.4 | QPSK | 1 | 5 | 21.31 | 21.35 | 21.23 | | |
| 1.4 | QPSK | 3 | 0 | 21.20 | 21.38 | 21.29 | | |
| 1.4 | QPSK | 3 | 1 | 21.15 | 21.20 | 21.29 | | |
| 1.4 | QPSK | 3 | 3 | 21.24 | 21.30 | 21.23 | | |
| 1.4 | QPSK | 6 | 0 | 21.34 | 21.34 | 21.24 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.16 | 21.29 | 21.14 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.40 | 21.34 | 21.37 | | |
| 1.4 | 16QAM | 1 | 5 | 21.35 | 21.38 | 21.44 | | |
| 1.4 | 16QAM | 3 | 0 | 21.28 | 21.26 | 21.16 | | |
| 1.4 | 16QAM | 3 | 1 | 21.16 | 21.18 | 21.39 | | |
| 1.4 | 16QAM | 3 | 3 | 21.14 | 21.39 | 21.30 | | |
| 1.4 | 16QAM | 6 | 0 | 21.26 | 21.29 | 21.23 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.28 | 21.27 | 21.35 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.34 | 21.27 | 21.32 | | |
| 1.4 | 64QAM | 1 | 5 | 21.29 | 21.33 | 21.35 | | |
| 1.4 | 64QAM | 3 | 0 | 21.32 | 21.31 | 21.30 | | |
| 1.4 | 64QAM | 3 | 1 | 21.25 | 21.27 | 21.14 | | |
| 1.4 | 64QAM | 3 | 3 | 21.33 | 21.36 | 21.44 | | |
| 1.4 | 64QAM | 6 | 0 | 20.62 | 20.77 | 20.73 | 22.1 | 0.5 |

## Band 7 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.23 | 19.44 | 19.39 | 20.6 | 0 |
| 20 | QPSK | 1 | 49 | 19.29 | 19.25 | 19.22 | | |
| 20 | QPSK | 1 | 99 | 19.24 | 19.35 | 19.24 | | |
| 20 | QPSK | 50 | 0 | 19.27 | 19.34 | 19.27 | 20.6 | 0 |
| 20 | QPSK | 50 | 24 | 19.27 | 19.20 | 19.24 | | |
| 20 | QPSK | 50 | 50 | 19.23 | 19.28 | 19.26 | | |
| 20 | QPSK | 100 | 0 | 19.29 | 19.33 | 19.28 | | |
| 20 | 16QAM | 1 | 0 | 19.15 | 19.23 | 19.14 | 20.6 | 0 |
| 20 | 16QAM | 1 | 49 | 19.28 | 19.30 | 19.29 | | |
| 20 | 16QAM | 1 | 99 | 19.34 | 19.37 | 19.43 | | |
| 20 | 16QAM | 50 | 0 | 19.18 | 19.31 | 19.25 | 20.6 | 0 |
| 20 | 16QAM | 50 | 24 | 19.18 | 19.19 | 19.33 | | |
| 20 | 16QAM | 50 | 50 | 19.19 | 19.31 | 19.36 | | |
| 20 | 16QAM | 100 | 0 | 19.16 | 19.28 | 19.34 | | |
| 20 | 64QAM | 1 | 0 | 19.18 | 19.27 | 19.22 | 20.6 | 0 |
| 20 | 64QAM | 1 | 49 | 19.31 | 19.34 | 19.40 | | |
| 20 | 64QAM | 1 | 99 | 19.28 | 19.29 | 19.38 | | |
| 20 | 64QAM | 50 | 0 | 19.19 | 19.26 | 19.25 | 20.6 | 0 |
| 20 | 64QAM | 50 | 24 | 19.18 | 19.31 | 19.36 | | |
| 20 | 64QAM | 50 | 50 | 19.16 | 19.35 | 19.33 | | |
| 20 | 64QAM | 100 | 0 | 19.27 | 19.24 | 19.20 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.09 | 19.30 | 19.36 | 20.6 | 0 |
| 15 | QPSK | 1 | 37 | 19.18 | 19.17 | 19.17 | | |
| 15 | QPSK | 1 | 74 | 19.19 | 19.20 | 19.10 | | |
| 15 | QPSK | 36 | 0 | 19.20 | 19.22 | 19.19 | 20.6 | 0 |
| 15 | QPSK | 36 | 20 | 19.16 | 19.10 | 19.18 | | |
| 15 | QPSK | 36 | 39 | 19.16 | 19.17 | 19.22 | | |
| 15 | QPSK | 75 | 0 | 19.16 | 19.27 | 19.18 | | |
| 15 | 16QAM | 1 | 0 | 19.03 | 19.20 | 19.05 | 20.6 | 0 |
| 15 | 16QAM | 1 | 37 | 19.21 | 19.16 | 19.20 | | |
| 15 | 16QAM | 1 | 74 | 19.26 | 19.23 | 19.32 | | |
| 15 | 16QAM | 36 | 0 | 19.06 | 19.22 | 19.10 | 20.6 | 0 |
| 15 | 16QAM | 36 | 20 | 19.08 | 19.15 | 19.20 | | |
| 15 | 16QAM | 36 | 39 | 19.12 | 19.22 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.07 | 19.19 | 19.24 | | |
| 15 | 64QAM | 1 | 0 | 19.10 | 19.16 | 19.08 | 20.6 | 0 |
| 15 | 64QAM | 1 | 37 | 19.22 | 19.23 | 19.30 | | |
| 15 | 64QAM | 1 | 74 | 19.17 | 19.16 | 19.31 | | |
| 15 | 64QAM | 36 | 0 | 19.06 | 19.17 | 19.18 | 20.6 | 0 |
| 15 | 64QAM | 36 | 20 | 19.04 | 19.26 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.06 | 19.27 | 19.27 | | |
| 15 | 64QAM | 75 | 0 | 19.18 | 19.15 | 19.12 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.18 | 19.27 | 19.24 | 20.6 | 0 |
| 10 | QPSK | 1 | 25 | 19.21 | 19.22 | 19.08 | | |
| 10 | QPSK | 1 | 49 | 19.20 | 19.30 | 19.17 | | |
| 10 | QPSK | 25 | 0 | 19.22 | 19.31 | 19.12 | 20.6 | 0 |
| 10 | QPSK | 25 | 12 | 19.12 | 19.15 | 19.20 | | |
| 10 | QPSK | 25 | 25 | 19.08 | 19.21 | 19.16 | | |
| 10 | QPSK | 50 | 0 | 19.23 | 19.27 | 19.18 | | |
| 10 | 16QAM | 1 | 0 | 19.03 | 19.09 | 19.01 | 20.6 | 0 |
| 10 | 16QAM | 1 | 25 | 19.24 | 19.21 | 19.17 | | |
| 10 | 16QAM | 1 | 49 | 19.22 | 19.26 | 19.38 | | |
| 10 | 16QAM | 25 | 0 | 19.13 | 19.24 | 19.18 | 20.6 | 0 |
| 10 | 16QAM | 25 | 12 | 19.14 | 19.05 | 19.19 | | |
| 10 | 16QAM | 25 | 25 | 19.08 | 19.24 | 19.32 | | |
| 10 | 16QAM | 50 | 0 | 19.01 | 19.14 | 19.24 | | |
| 10 | 64QAM | 1 | 0 | 19.12 | 19.17 | 19.13 | 20.6 | 0 |
| 10 | 64QAM | 1 | 25 | 19.19 | 19.24 | 19.28 | | |
| 10 | 64QAM | 1 | 49 | 19.14 | 19.17 | 19.31 | | |
| 10 | 64QAM | 25 | 0 | 19.08 | 19.17 | 19.17 | 20.6 | 0 |
| 10 | 64QAM | 25 | 12 | 19.12 | 19.26 | 19.40 | | |
| 10 | 64QAM | 25 | 25 | 19.11 | 19.24 | 19.23 | | |
| 10 | 64QAM | 50 | 0 | 19.18 | 19.15 | 19.13 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.08 | 19.22 | 19.25 | 20.6 | 0 |
| 5 | QPSK | 1 | 12 | 19.26 | 19.17 | 19.11 | | |
| 5 | QPSK | 1 | 24 | 19.18 | 19.26 | 19.17 | | |
| 5 | QPSK | 12 | 0 | 19.16 | 19.24 | 19.21 | 20.6 | 0 |
| 5 | QPSK | 12 | 7 | 19.23 | 19.12 | 19.18 | | |
| 5 | QPSK | 12 | 13 | 19.08 | 19.19 | 19.17 | | |
| 5 | QPSK | 25 | 0 | 19.18 | 19.18 | 19.18 | | |
| 5 | 16QAM | 1 | 0 | 19.09 | 19.19 | 19.09 | 20.6 | 0 |
| 5 | 16QAM | 1 | 12 | 19.24 | 19.15 | 19.15 | | |
| 5 | 16QAM | 1 | 24 | 19.23 | 19.25 | 19.38 | | |
| 5 | 16QAM | 12 | 0 | 19.09 | 19.24 | 19.11 | 20.6 | 0 |
| 5 | 16QAM | 12 | 7 | 19.12 | 19.08 | 19.19 | | |
| 5 | 16QAM | 12 | 13 | 19.05 | 19.21 | 19.23 | | |
| 5 | 16QAM | 25 | 0 | 19.09 | 19.22 | 19.24 | | |
| 5 | 64QAM | 1 | 0 | 19.06 | 19.17 | 19.07 | 20.6 | 0 |
| 5 | 64QAM | 1 | 12 | 19.28 | 19.25 | 19.34 | | |
| 5 | 64QAM | 1 | 24 | 19.20 | 19.16 | 19.31 | | |
| 5 | 64QAM | 12 | 0 | 19.12 | 19.20 | 19.12 | 20.6 | 0 |
| 5 | 64QAM | 12 | 7 | 19.12 | 19.21 | 19.39 | | |
| 5 | 64QAM | 12 | 13 | 19.03 | 19.26 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.23 | 19.16 | 19.10 | | |

## Band 25 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 21.30 | 21.48 | 21.32 | 22.6 | 0 |
| 20 | QPSK | 1 | 49 | 21.29 | 21.26 | 21.17 | | |
| 20 | QPSK | 1 | 99 | 21.28 | 21.33 | 21.30 | | |
| 20 | QPSK | 50 | 0 | 21.26 | 21.38 | 21.21 | 22.6 | 0 |
| 20 | QPSK | 50 | 24 | 21.13 | 21.24 | 21.33 | | |
| 20 | QPSK | 50 | 50 | 21.34 | 21.26 | 21.37 | | |
| 20 | QPSK | 100 | 0 | 21.26 | 21.30 | 21.28 | | |
| 20 | 16QAM | 1 | 0 | 21.22 | 21.25 | 21.13 | 22.6 | 0 |
| 20 | 16QAM | 1 | 49 | 21.25 | 21.36 | 21.33 | | |
| 20 | 16QAM | 1 | 99 | 21.42 | 21.30 | 21.38 | | |
| 20 | 16QAM | 50 | 0 | 21.16 | 21.30 | 21.24 | 22.6 | 0 |
| 20 | 16QAM | 50 | 24 | 21.27 | 21.17 | 21.38 | | |
| 20 | 16QAM | 50 | 50 | 21.19 | 21.42 | 21.39 | | |
| 20 | 16QAM | 100 | 0 | 21.24 | 21.24 | 21.35 | | |
| 20 | 64QAM | 1 | 0 | 21.12 | 21.28 | 21.27 | 22.6 | 0 |
| 20 | 64QAM | 1 | 49 | 21.38 | 21.34 | 21.40 | | |
| 20 | 64QAM | 1 | 99 | 21.31 | 21.35 | 21.42 | | |
| 20 | 64QAM | 50 | 0 | 20.97 | 20.98 | 20.90 | 22.1 | 0.5 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.95 | 20.80 | | |
| 20 | 64QAM | 50 | 50 | 20.96 | 21.02 | 20.86 | | |
| 20 | 64QAM | 100 | 0 | 21.01 | 21.05 | 20.89 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 21.22 | 21.45 | 21.28 | 22.6 | 0 |
| 15 | QPSK | 1 | 37 | 21.23 | 21.14 | 21.07 | | |
| 15 | QPSK | 1 | 74 | 21.20 | 21.21 | 21.16 | | |
| 15 | QPSK | 36 | 0 | 21.14 | 21.33 | 21.17 | 22.6 | 0 |
| 15 | QPSK | 36 | 20 | 21.09 | 21.18 | 21.28 | | |
| 15 | QPSK | 36 | 39 | 21.21 | 21.18 | 21.29 | | |
| 15 | QPSK | 75 | 0 | 21.13 | 21.21 | 21.25 | | |
| 15 | 16QAM | 1 | 0 | 21.13 | 21.17 | 21.06 | 22.6 | 0 |
| 15 | 16QAM | 1 | 37 | 21.17 | 21.28 | 21.21 | | |
| 15 | 16QAM | 1 | 74 | 21.33 | 21.22 | 21.31 | | |
| 15 | 16QAM | 36 | 0 | 21.03 | 21.17 | 21.15 | 22.6 | 0 |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.12 | 21.25 | | |
| 15 | 16QAM | 36 | 39 | 21.07 | 21.32 | 21.26 | | |
| 15 | 16QAM | 75 | 0 | 21.10 | 21.12 | 21.31 | | |
| 15 | 64QAM | 1 | 0 | 21.08 | 21.24 | 21.20 | 22.6 | 0 |
| 15 | 64QAM | 1 | 37 | 21.34 | 21.27 | 21.35 | | |
| 15 | 64QAM | 1 | 74 | 21.24 | 21.23 | 21.29 | | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.90 | 20.82 | 22.1 | 0.5 |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.91 | 20.69 | | |
| 15 | 64QAM | 36 | 39 | 20.91 | 20.88 | 20.72 | | |
| 15 | 64QAM | 75 | 0 | 20.90 | 21.01 | 20.84 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 21.22 | 21.42 | 21.20 | 22.6 | 0 |
| 10 | QPSK | 1 | 25 | 21.16 | 21.22 | 21.05 | | |
| 10 | QPSK | 1 | 49 | 21.21 | 21.24 | 21.16 | | |
| 10 | QPSK | 25 | 0 | 21.20 | 21.24 | 21.13 | 22.6 | 0 |
| 10 | QPSK | 25 | 12 | 21.04 | 21.15 | 21.26 | | |
| 10 | QPSK | 25 | 25 | 21.20 | 21.22 | 21.24 | | |
| 10 | QPSK | 50 | 0 | 21.13 | 21.16 | 21.19 | | |
| 10 | 16QAM | 1 | 0 | 21.19 | 21.11 | 21.05 | 22.6 | 0 |
| 10 | 16QAM | 1 | 25 | 21.15 | 21.23 | 21.20 | | |
| 10 | 16QAM | 1 | 49 | 21.39 | 21.23 | 21.24 | | |
| 10 | 16QAM | 25 | 0 | 21.07 | 21.23 | 21.19 | 22.6 | 0 |
| 10 | 16QAM | 25 | 12 | 21.20 | 21.06 | 21.25 | | |
| 10 | 16QAM | 25 | 25 | 21.04 | 21.27 | 21.31 | | |
| 10 | 16QAM | 50 | 0 | 21.11 | 21.17 | 21.31 | | |
| 10 | 64QAM | 1 | 0 | 21.08 | 21.18 | 21.13 | 22.6 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.26 | 21.36 | | |
| 10 | 64QAM | 1 | 49 | 21.22 | 21.25 | 21.33 | | |
| 10 | 64QAM | 25 | 0 | 20.91 | 20.86 | 20.77 | 22.1 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.83 | 20.83 | 20.67 | | |
| 10 | 64QAM | 25 | 25 | 20.92 | 20.91 | 20.74 | | |
| 10 | 64QAM | 50 | 0 | 20.89 | 20.96 | 20.74 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 21.20 | 21.36 | 21.25 | 22.6 | 0 |
| 5 | QPSK | 1 | 12 | 21.24 | 21.19 | 21.05 | | |
| 5 | QPSK | 1 | 24 | 21.20 | 21.23 | 21.22 | | |
| 5 | QPSK | 12 | 0 | 21.18 | 21.31 | 21.07 | 22.6 | 0 |
| 5 | QPSK | 12 | 7 | 21.09 | 21.09 | 21.25 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.18 | 21.32 | | |
| 5 | QPSK | 25 | 0 | 21.21 | 21.27 | 21.19 | | |
| 5 | 16QAM | 1 | 0 | 21.19 | 21.20 | 21.05 | 22.6 | 0 |
| 5 | 16QAM | 1 | 12 | 21.20 | 21.28 | 21.20 | | |
| 5 | 16QAM | 1 | 24 | 21.29 | 21.22 | 21.30 | | |
| 5 | 16QAM | 12 | 0 | 21.07 | 21.24 | 21.15 | 22.6 | 0 |
| 5 | 16QAM | 12 | 7 | 21.16 | 21.11 | 21.24 | | |
| 5 | 16QAM | 12 | 13 | 21.08 | 21.34 | 21.25 | | |
| 5 | 16QAM | 25 | 0 | 21.16 | 21.14 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 20.97 | 21.18 | 21.14 | 22.6 | 0 |
| 5 | 64QAM | 1 | 12 | 21.29 | 21.20 | 21.33 | | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.24 | 21.27 | | |
| 5 | 64QAM | 12 | 0 | 20.85 | 20.93 | 20.80 | 22.1 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.83 | 20.80 | 20.74 | | |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.89 | 20.81 | | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.97 | 20.80 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 21.24 | 21.40 | 21.20 | 22.6 | 0 |
| 3 | QPSK | 1 | 8 | 21.20 | 21.15 | 21.08 | | |
| 3 | QPSK | 1 | 14 | 21.13 | 21.22 | 21.19 | | |
| 3 | QPSK | 8 | 0 | 21.13 | 21.33 | 21.12 | 22.6 | 0 |
| 3 | QPSK | 8 | 4 | 21.02 | 21.19 | 21.25 | | |
| 3 | QPSK | 8 | 7 | 21.28 | 21.16 | 21.26 | | |
| 3 | QPSK | 15 | 0 | 21.12 | 21.22 | 21.21 | | |
| 3 | 16QAM | 1 | 0 | 21.15 | 21.11 | 21.03 | 22.6 | 0 |
| 3 | 16QAM | 1 | 8 | 21.15 | 21.31 | 21.25 | | |
| 3 | 16QAM | 1 | 14 | 21.35 | 21.22 | 21.31 | | |
| 3 | 16QAM | 8 | 0 | 21.04 | 21.17 | 21.19 | 22.6 | 0 |
| 3 | 16QAM | 8 | 4 | 21.20 | 21.03 | 21.25 | | |
| 3 | 16QAM | 8 | 7 | 21.10 | 21.28 | 21.29 | | |
| 3 | 16QAM | 15 | 0 | 21.21 | 21.10 | 21.29 | | |
| 3 | 64QAM | 1 | 0 | 21.00 | 21.18 | 21.21 | 22.6 | 0 |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.30 | 21.32 | | |
| 3 | 64QAM | 1 | 14 | 21.24 | 21.25 | 21.30 | | |
| 3 | 64QAM | 8 | 0 | 20.92 | 20.86 | 20.84 | 22.1 | 0.5 |
| 3 | 64QAM | 8 | 4 | 20.82 | 20.82 | 20.66 | | |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.95 | 20.74 | | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.95 | 20.83 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.22 | 21.39 | 21.23 | 22.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.19 | 21.19 | 21.08 | | |
| 1.4 | QPSK | 1 | 5 | 21.19 | 21.22 | 21.25 | | |
| 1.4 | QPSK | 3 | 0 | 21.17 | 21.34 | 21.09 | | |
| 1.4 | QPSK | 3 | 1 | 21.00 | 21.20 | 21.19 | | |
| 1.4 | QPSK | 3 | 3 | 21.31 | 21.12 | 21.28 | | |
| 1.4 | QPSK | 6 | 0 | 21.12 | 21.16 | 21.17 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.15 | 21.14 | 21.00 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.13 | 21.28 | 21.23 | | |
| 1.4 | 16QAM | 1 | 5 | 21.34 | 21.18 | 21.24 | | |
| 1.4 | 16QAM | 3 | 0 | 21.10 | 21.23 | 21.12 | | |
| 1.4 | 16QAM | 3 | 1 | 21.12 | 21.13 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 21.07 | 21.32 | 21.29 | | |
| 1.4 | 16QAM | 6 | 0 | 21.10 | 21.15 | 21.26 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.01 | 21.24 | 21.16 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.32 | 21.26 | 21.35 | | |
| 1.4 | 64QAM | 1 | 5 | 21.25 | 21.25 | 21.39 | | |
| 1.4 | 64QAM | 3 | 0 | 20.99 | 20.87 | 21.00 | | |
| 1.4 | 64QAM | 3 | 1 | 20.87 | 21.02 | 20.83 | | |
| 1.4 | 64QAM | 3 | 3 | 20.67 | 20.82 | 20.71 | | |
| 1.4 | 64QAM | 6 | 0 | 20.87 | 21.00 | 20.80 | 22.1 | 0.5 |

## Band 66 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 21.19 | 21.33 | 21.26 | 22.6 | 0 |
| 20 | QPSK | 1 | 49 | 21.15 | 21.11 | 21.11 | | |
| 20 | QPSK | 1 | 99 | 21.17 | 21.21 | 21.17 | | |
| 20 | QPSK | 50 | 0 | 21.17 | 21.27 | 21.15 | 22.6 | 0 |
| 20 | QPSK | 50 | 24 | 21.07 | 21.14 | 21.17 | | |
| 20 | QPSK | 50 | 50 | 21.20 | 21.13 | 21.25 | | |
| 20 | QPSK | 100 | 0 | 21.17 | 21.25 | 21.19 | | |
| 20 | 16QAM | 1 | 0 | 21.10 | 21.17 | 21.07 | 22.6 | 0 |
| 20 | 16QAM | 1 | 49 | 21.12 | 21.26 | 21.21 | | |
| 20 | 16QAM | 1 | 99 | 21.27 | 21.18 | 21.24 | | |
| 20 | 16QAM | 50 | 0 | 21.10 | 21.14 | 21.12 | 22.6 | 0 |
| 20 | 16QAM | 50 | 24 | 21.15 | 21.09 | 21.21 | | |
| 20 | 16QAM | 50 | 50 | 21.11 | 21.26 | 21.27 | | |
| 20 | 16QAM | 100 | 0 | 21.13 | 21.16 | 21.19 | | |
| 20 | 64QAM | 1 | 0 | 21.06 | 21.20 | 21.18 | 22.6 | 0 |
| 20 | 64QAM | 1 | 49 | 21.25 | 21.18 | 21.30 | | |
| 20 | 64QAM | 1 | 99 | 21.16 | 21.20 | 21.26 | | |
| 20 | 64QAM | 50 | 0 | 21.05 | 21.02 | 21.08 | 22.1 | 0.5 |
| 20 | 64QAM | 50 | 24 | 20.95 | 21.08 | 20.96 | | |
| 20 | 64QAM | 50 | 50 | 20.78 | 20.90 | 20.79 | | |
| 20 | 64QAM | 100 | 0 | 20.92 | 20.97 | 20.87 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 21.08 | 21.29 | 21.21 | 22.6 | 0 |
| 15 | QPSK | 1 | 37 | 21.05 | 21.00 | 21.08 | | |
| 15 | QPSK | 1 | 74 | 21.07 | 21.07 | 21.03 | | |
| 15 | QPSK | 36 | 0 | 21.08 | 21.14 | 21.04 | 22.6 | 0 |
| 15 | QPSK | 36 | 20 | 21.00 | 21.11 | 21.03 | | |
| 15 | QPSK | 36 | 39 | 21.07 | 21.04 | 21.15 | | |
| 15 | QPSK | 75 | 0 | 21.09 | 21.20 | 21.15 | | |
| 15 | 16QAM | 1 | 0 | 21.01 | 21.08 | 20.97 | 22.6 | 0 |
| 15 | 16QAM | 1 | 37 | 21.09 | 21.13 | 21.08 | | |
| 15 | 16QAM | 1 | 74 | 21.20 | 21.11 | 21.19 | | |
| 15 | 16QAM | 36 | 0 | 20.97 | 21.06 | 20.98 | 22.6 | 0 |
| 15 | 16QAM | 36 | 20 | 21.03 | 20.94 | 21.16 | | |
| 15 | 16QAM | 36 | 39 | 20.99 | 21.19 | 21.22 | | |
| 15 | 16QAM | 75 | 0 | 21.01 | 21.08 | 21.10 | | |
| 15 | 64QAM | 1 | 0 | 20.97 | 21.13 | 21.09 | 22.6 | 0 |
| 15 | 64QAM | 1 | 37 | 21.22 | 21.05 | 21.16 | | |
| 15 | 64QAM | 1 | 74 | 21.11 | 21.13 | 21.22 | | |
| 15 | 64QAM | 36 | 0 | 21.00 | 20.89 | 20.93 | 22.1 | 0.5 |
| 15 | 64QAM | 36 | 20 | 20.82 | 20.99 | 20.91 | | |
| 15 | 64QAM | 36 | 39 | 20.68 | 20.80 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.84 | 20.87 | 20.75 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 21.14 | 21.22 | 21.19 | 22.6 | 0 |
| 10 | QPSK | 1 | 25 | 21.04 | 21.05 | 20.98 | | |
| 10 | QPSK | 1 | 49 | 21.12 | 21.09 | 21.12 | | |
| 10 | QPSK | 25 | 0 | 21.06 | 21.13 | 21.08 | 22.6 | 0 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.00 | 21.08 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.00 | 21.13 | | |
| 10 | QPSK | 50 | 0 | 21.08 | 21.14 | 21.08 | | |
| 10 | 16QAM | 1 | 0 | 20.96 | 21.07 | 20.96 | 22.6 | 0 |
| 10 | 16QAM | 1 | 25 | 21.04 | 21.11 | 21.11 | | |
| 10 | 16QAM | 1 | 49 | 21.16 | 21.07 | 21.14 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.09 | 21.05 | 22.6 | 0 |
| 10 | 16QAM | 25 | 12 | 21.06 | 21.05 | 21.15 | | |
| 10 | 16QAM | 25 | 25 | 21.00 | 21.19 | 21.22 | | |
| 10 | 16QAM | 50 | 0 | 21.04 | 21.10 | 21.05 | | |
| 10 | 64QAM | 1 | 0 | 20.98 | 21.11 | 21.13 | 22.6 | 0 |
| 10 | 64QAM | 1 | 25 | 21.11 | 21.11 | 21.26 | | |
| 10 | 64QAM | 1 | 49 | 21.02 | 21.13 | 21.13 | | |
| 10 | 64QAM | 25 | 0 | 20.99 | 20.88 | 21.05 | 22.1 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.98 | 20.86 | | |
| 10 | 64QAM | 25 | 25 | 20.69 | 20.83 | 20.69 | | |
| 10 | 64QAM | 50 | 0 | 20.78 | 20.91 | 20.76 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 21.10 | 21.25 | 21.16 | 22.6 | 0 |
| 5 | QPSK | 1 | 12 | 21.02 | 21.04 | 21.00 | | |
| 5 | QPSK | 1 | 24 | 21.09 | 21.11 | 21.11 | | |
| 5 | QPSK | 12 | 0 | 21.03 | 21.17 | 21.12 | 22.6 | 0 |
| 5 | QPSK | 12 | 7 | 21.04 | 21.07 | 21.02 | | |
| 5 | QPSK | 12 | 13 | 21.13 | 21.08 | 21.14 | | |
| 5 | QPSK | 25 | 0 | 21.03 | 21.15 | 21.14 | | |
| 5 | 16QAM | 1 | 0 | 21.02 | 21.09 | 21.03 | 22.6 | 0 |
| 5 | 16QAM | 1 | 12 | 21.08 | 21.22 | 21.12 | | |
| 5 | 16QAM | 1 | 24 | 21.14 | 21.09 | 21.11 | | |
| 5 | 16QAM | 12 | 0 | 21.06 | 21.08 | 21.01 | 22.6 | 0 |
| 5 | 16QAM | 12 | 7 | 21.04 | 20.99 | 21.18 | | |
| 5 | 16QAM | 12 | 13 | 21.08 | 21.13 | 21.17 | | |
| 5 | 16QAM | 25 | 0 | 21.01 | 21.11 | 21.08 | | |
| 5 | 64QAM | 1 | 0 | 21.02 | 21.12 | 21.11 | 22.6 | 0 |
| 5 | 64QAM | 1 | 12 | 21.20 | 21.06 | 21.17 | | |
| 5 | 64QAM | 1 | 24 | 21.02 | 21.13 | 21.19 | | |
| 5 | 64QAM | 12 | 0 | 20.97 | 20.98 | 21.01 | 22.1 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.85 | 20.98 | 20.83 | | |
| 5 | 64QAM | 12 | 13 | 20.69 | 20.79 | 20.72 | | |
| 5 | 64QAM | 25 | 0 | 20.87 | 20.86 | 20.76 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.10 | 21.21 | 21.21 | 22.6 | 0 |
| 3 | QPSK | 1 | 8 | 21.10 | 21.00 | 20.97 | | |
| 3 | QPSK | 1 | 14 | 21.10 | 21.10 | 21.07 | | |
| 3 | QPSK | 8 | 0 | 21.09 | 21.20 | 21.07 | 22.6 | 0 |
| 3 | QPSK | 8 | 4 | 21.03 | 21.07 | 21.12 | | |
| 3 | QPSK | 8 | 7 | 21.14 | 21.07 | 21.12 | | |
| 3 | QPSK | 15 | 0 | 21.11 | 21.18 | 21.13 | | |
| 3 | 16QAM | 1 | 0 | 20.96 | 21.13 | 21.00 | 22.6 | 0 |
| 3 | 16QAM | 1 | 8 | 20.98 | 21.15 | 21.08 | | |
| 3 | 16QAM | 1 | 14 | 21.24 | 21.10 | 21.15 | | |
| 3 | 16QAM | 8 | 0 | 20.96 | 21.09 | 21.01 | 22.6 | 0 |
| 3 | 16QAM | 8 | 4 | 21.01 | 21.00 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 21.04 | 21.22 | 21.14 | | |
| 3 | 16QAM | 15 | 0 | 21.07 | 21.11 | 21.13 | | |
| 3 | 64QAM | 1 | 0 | 21.00 | 21.05 | 21.04 | 22.6 | 0 |
| 3 | 64QAM | 1 | 8 | 21.13 | 21.10 | 21.22 | | |
| 3 | 64QAM | 1 | 14 | 21.02 | 21.11 | 21.14 | | |
| 3 | 64QAM | 8 | 0 | 20.93 | 20.89 | 20.99 | 22.1 | 0.5 |
| 3 | 64QAM | 8 | 4 | 20.88 | 21.02 | 20.81 | | |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.81 | 20.73 | | |
| 3 | 64QAM | 15 | 0 | 20.78 | 20.87 | 20.76 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.06 | 21.28 | 21.18 | 22.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.10 | 20.97 | 20.97 | | |
| 1.4 | QPSK | 1 | 5 | 21.02 | 21.16 | 21.10 | | |
| 1.4 | QPSK | 3 | 0 | 21.11 | 21.20 | 21.05 | | |
| 1.4 | QPSK | 3 | 1 | 20.95 | 21.06 | 21.11 | | |
| 1.4 | QPSK | 3 | 3 | 21.07 | 21.09 | 21.17 | | |
| 1.4 | QPSK | 6 | 0 | 21.06 | 21.17 | 21.15 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.96 | 21.14 | 20.96 | 22.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.08 | 21.15 | 21.08 | | |
| 1.4 | 16QAM | 1 | 5 | 21.18 | 21.12 | 21.11 | | |
| 1.4 | 16QAM | 3 | 0 | 20.96 | 21.01 | 21.03 | | |
| 1.4 | 16QAM | 3 | 1 | 21.07 | 20.95 | 21.12 | | |
| 1.4 | 16QAM | 3 | 3 | 21.02 | 21.14 | 21.20 | | |
| 1.4 | 16QAM | 6 | 0 | 21.04 | 21.07 | 21.08 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.95 | 21.05 | 21.10 | 22.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.13 | 21.04 | 21.24 | | |
| 1.4 | 64QAM | 1 | 5 | 21.04 | 21.10 | 21.21 | | |
| 1.4 | 64QAM | 3 | 0 | 20.94 | 20.91 | 20.94 | | |
| 1.4 | 64QAM | 3 | 1 | 20.85 | 20.95 | 20.90 | | |
| 1.4 | 64QAM | 3 | 3 | 20.70 | 20.76 | 20.72 | | |
| 1.4 | 64QAM | 6 | 0 | 20.88 | 20.85 | 20.84 | 22.1 | 0.5 |

## Band 38 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.99 | 21.10 | 21.03 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 20.89 | 20.87 | 20.92 | | |
| 20 | QPSK | 1 | 99 | 20.95 | 20.96 | 21.00 | | |
| 20 | QPSK | 50 | 0 | 20.96 | 21.08 | 21.01 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 20.93 | 20.87 | 20.95 | | |
| 20 | QPSK | 50 | 50 | 20.96 | 20.93 | 21.01 | | |
| 20 | QPSK | 100 | 0 | 21.02 | 21.05 | 21.03 | | |
| 20 | 16QAM | 1 | 0 | 20.92 | 20.96 | 20.83 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 20.98 | 21.02 | 20.99 | | |
| 20 | 16QAM | 1 | 99 | 21.08 | 21.05 | 21.09 | | |
| 20 | 16QAM | 50 | 0 | 20.91 | 20.99 | 20.96 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.88 | 20.96 | 20.94 | | |
| 20 | 16QAM | 50 | 50 | 20.90 | 21.00 | 20.98 | | |
| 20 | 16QAM | 100 | 0 | 20.92 | 21.00 | 21.05 | | |
| 20 | 64QAM | 1 | 0 | 20.89 | 21.01 | 20.97 | 21.7 | 0.2 |
| 20 | 64QAM | 1 | 49 | 21.01 | 21.01 | 21.00 | | |
| 20 | 64QAM | 1 | 99 | 20.94 | 20.93 | 21.08 | | |
| 20 | 64QAM | 50 | 0 | 20.89 | 20.88 | 20.93 | 21.7 | 0.2 |
| 20 | 64QAM | 50 | 24 | 20.93 | 21.05 | 21.03 | | |
| 20 | 64QAM | 50 | 50 | 20.86 | 21.02 | 21.00 | | |
| 20 | 64QAM | 100 | 0 | 20.96 | 20.97 | 20.91 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.86 | 20.98 | 21.07 | 21.9 | 0 |
| 15 | QPSK | 1 | 37 | 20.79 | 20.73 | 20.89 | | |
| 15 | QPSK | 1 | 74 | 20.82 | 20.84 | 20.85 | | |
| 15 | QPSK | 36 | 0 | 20.93 | 20.99 | 20.87 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.87 | 20.75 | 20.89 | | |
| 15 | QPSK | 36 | 39 | 20.83 | 20.87 | 20.92 | | |
| 15 | QPSK | 75 | 0 | 20.96 | 20.91 | 20.97 | | |
| 15 | 16QAM | 1 | 0 | 20.81 | 20.87 | 20.70 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.89 | 20.91 | 20.91 | | |
| 15 | 16QAM | 1 | 74 | 21.02 | 20.92 | 20.96 | | |
| 15 | 16QAM | 36 | 0 | 20.87 | 20.87 | 20.93 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.82 | 20.85 | 20.84 | | |
| 15 | 16QAM | 36 | 39 | 20.86 | 20.90 | 20.83 | | |
| 15 | 16QAM | 75 | 0 | 20.86 | 20.86 | 20.97 | | |
| 15 | 64QAM | 1 | 0 | 20.81 | 20.96 | 20.83 | 21.7 | 0.2 |
| 15 | 64QAM | 1 | 37 | 20.95 | 20.91 | 20.91 | | |
| 15 | 64QAM | 1 | 74 | 20.87 | 20.81 | 20.94 | | |
| 15 | 64QAM | 36 | 0 | 20.78 | 20.81 | 20.90 | 21.7 | 0.2 |
| 15 | 64QAM | 36 | 20 | 20.83 | 21.01 | 20.98 | | |
| 15 | 64QAM | 36 | 39 | 20.72 | 20.96 | 20.89 | | |
| 15 | 64QAM | 75 | 0 | 20.88 | 20.88 | 20.91 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.86 | 20.92 | 20.99 | 21.9 | 0 |
| 10 | QPSK | 1 | 25 | 20.84 | 20.79 | 20.86 | | |
| 10 | QPSK | 1 | 49 | 20.87 | 20.91 | 20.95 | | |
| 10 | QPSK | 25 | 0 | 20.84 | 20.97 | 20.86 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.90 | 20.78 | 20.80 | | |
| 10 | QPSK | 25 | 25 | 20.83 | 20.82 | 20.90 | | |
| 10 | QPSK | 50 | 0 | 20.92 | 20.91 | 20.91 | | |
| 10 | 16QAM | 1 | 0 | 20.88 | 20.91 | 20.68 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 20.86 | 20.93 | 20.94 | | |
| 10 | 16QAM | 1 | 49 | 21.02 | 20.94 | 21.01 | | |
| 10 | 16QAM | 25 | 0 | 20.87 | 20.94 | 20.81 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.83 | 20.88 | 20.90 | | |
| 10 | 16QAM | 25 | 25 | 20.77 | 20.93 | 20.89 | | |
| 10 | 16QAM | 50 | 0 | 20.84 | 20.88 | 20.96 | | |
| 10 | 64QAM | 1 | 0 | 20.75 | 20.89 | 20.88 | 21.7 | 0.2 |
| 10 | 64QAM | 1 | 25 | 20.86 | 20.95 | 20.93 | | |
| 10 | 64QAM | 1 | 49 | 20.87 | 20.78 | 20.96 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.74 | 20.81 | 21.7 | 0.2 |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.94 | 21.09 | | |
| 10 | 64QAM | 25 | 25 | 20.72 | 20.94 | 20.92 | | |
| 10 | 64QAM | 50 | 0 | 20.86 | 20.82 | 20.88 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.88 | 21.03 | 21.06 | 21.9 | 0 |
| 5 | QPSK | 1 | 12 | 20.75 | 20.80 | 20.87 | | |
| 5 | QPSK | 1 | 24 | 20.82 | 20.92 | 20.85 | | |
| 5 | QPSK | 12 | 0 | 20.93 | 21.01 | 20.86 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.85 | 20.77 | 20.87 | | |
| 5 | QPSK | 12 | 13 | 20.90 | 20.90 | 20.96 | | |
| 5 | QPSK | 25 | 0 | 20.95 | 20.90 | 20.95 | | |
| 5 | 16QAM | 1 | 0 | 20.78 | 20.93 | 20.77 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.91 | 20.88 | 20.85 | | |
| 5 | 16QAM | 1 | 24 | 20.96 | 20.96 | 20.99 | | |
| 5 | 16QAM | 12 | 0 | 20.86 | 20.92 | 20.84 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.85 | 20.83 | 20.82 | | |
| 5 | 16QAM | 12 | 13 | 20.79 | 20.87 | 20.83 | | |
| 5 | 16QAM | 25 | 0 | 20.80 | 20.97 | 20.92 | | |
| 5 | 64QAM | 1 | 0 | 20.81 | 20.87 | 20.89 | 21.7 | 0.2 |
| 5 | 64QAM | 1 | 12 | 20.93 | 20.91 | 20.90 | | |
| 5 | 64QAM | 1 | 24 | 20.90 | 20.79 | 20.93 | | |
| 5 | 64QAM | 12 | 0 | 20.76 | 20.75 | 20.88 | 21.7 | 0.2 |
| 5 | 64QAM | 12 | 7 | 20.89 | 20.96 | 21.01 | | |
| 5 | 64QAM | 12 | 13 | 20.73 | 20.95 | 20.98 | | |

## Band 41 Ant 1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.91 | 20.69 | 20.94 | 20.66 | 20.76 | 21.9 | 0 |
| 20 | QPSK | 1 | 49 | 20.68 | 20.75 | 20.69 | 20.65 | 20.61 | | |
| 20 | QPSK | 1 | 99 | 20.84 | 20.83 | 20.81 | 20.75 | 20.88 | | |
| 20 | QPSK | 50 | 0 | 20.82 | 20.73 | 20.89 | 20.71 | 20.70 | 21.9 | 0 |
| 20 | QPSK | 50 | 24 | 20.68 | 20.73 | 20.74 | 20.61 | 20.68 | | |
| 20 | QPSK | 50 | 50 | 20.70 | 20.73 | 20.78 | 20.77 | 20.66 | | |
| 20 | QPSK | 100 | 0 | 20.75 | 20.80 | 20.81 | 20.78 | 20.79 | | |
| 20 | 16QAM | 1 | 0 | 20.69 | 20.64 | 20.71 | 20.71 | 20.75 | 21.9 | 0 |
| 20 | 16QAM | 1 | 49 | 20.80 | 20.73 | 20.87 | 20.68 | 20.70 | | |
| 20 | 16QAM | 1 | 99 | 20.77 | 20.87 | 20.85 | 20.85 | 20.79 | | |
| 20 | 16QAM | 50 | 0 | 20.78 | 20.73 | 20.78 | 20.65 | 20.71 | 21.9 | 0 |
| 20 | 16QAM | 50 | 24 | 20.73 | 20.73 | 20.71 | 20.63 | 20.65 | | |
| 20 | 16QAM | 50 | 50 | 20.78 | 20.75 | 20.84 | 20.82 | 20.79 | | |
| 20 | 16QAM | 100 | 0 | 20.77 | 20.70 | 20.75 | 20.62 | 20.60 | | |
| 20 | 64QAM | 1 | 0 | 20.78 | 20.71 | 20.78 | 20.64 | 20.64 | 21.9 | 0 |
| 20 | 64QAM | 1 | 49 | 20.87 | 20.82 | 20.86 | 20.73 | 20.75 | | |
| 20 | 64QAM | 1 | 99 | 20.72 | 20.75 | 20.71 | 20.72 | 20.62 | | |
| 20 | 64QAM | 50 | 0 | 20.79 | 20.59 | 20.68 | 20.67 | 20.62 | 21.9 | 0 |
| 20 | 64QAM | 50 | 24 | 20.90 | 20.73 | 20.87 | 20.75 | 20.75 | | |
| 20 | 64QAM | 50 | 50 | 20.84 | 20.68 | 20.79 | 20.53 | 20.59 | | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.75 | 20.77 | 20.53 | 20.65 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.77 | 20.55 | 20.90 | 20.54 | 20.62 | 21.90 | 0 |
| 15 | QPSK | 1 | 37 | 20.64 | 20.69 | 20.58 | 20.60 | 20.57 | | |
| 15 | QPSK | 1 | 74 | 20.77 | 20.77 | 20.69 | 20.52 | 20.50 | | |
| 15 | QPSK | 36 | 0 | 20.71 | 20.58 | 20.86 | 20.67 | 20.57 | 21.9 | 0 |
| 15 | QPSK | 36 | 20 | 20.58 | 20.64 | 20.64 | 20.50 | 20.59 | | |
| 15 | QPSK | 36 | 39 | 20.56 | 20.63 | 20.73 | 20.62 | 20.63 | | |
| 15 | QPSK | 75 | 0 | 20.72 | 20.68 | 20.70 | 20.69 | 20.69 | | |
| 15 | 16QAM | 1 | 0 | 20.56 | 20.56 | 20.66 | 20.67 | 20.71 | 21.9 | 0 |
| 15 | 16QAM | 1 | 37 | 20.76 | 20.63 | 20.75 | 20.57 | 20.64 | | |
| 15 | 16QAM | 1 | 74 | 20.66 | 20.78 | 20.75 | 20.81 | 20.72 | | |
| 15 | 16QAM | 36 | 0 | 20.65 | 20.60 | 20.68 | 20.51 | 20.59 | 21.9 | 0 |
| 15 | 16QAM | 36 | 20 | 20.58 | 20.64 | 20.66 | 20.57 | 20.61 | | |
| 15 | 16QAM | 36 | 39 | 20.73 | 20.66 | 20.75 | 20.68 | 20.69 | | |
| 15 | 16QAM | 75 | 0 | 20.68 | 20.57 | 20.62 | 20.48 | 20.46 | | |
| 15 | 64QAM | 1 | 0 | 20.73 | 20.61 | 20.71 | 20.53 | 20.52 | 21.9 | 0 |
| 15 | 64QAM | 1 | 37 | 20.80 | 20.76 | 20.83 | 20.62 | 20.71 | | |
| 15 | 64QAM | 1 | 74 | 20.69 | 20.68 | 20.68 | 20.65 | 20.49 | | |
| 15 | 64QAM | 36 | 0 | 20.74 | 20.52 | 20.53 | 20.59 | 20.50 | 21.9 | 0 |
| 15 | 64QAM | 36 | 20 | 20.77 | 20.63 | 20.79 | 20.70 | 20.68 | | |
| 15 | 64QAM | 36 | 39 | 20.72 | 20.65 | 20.75 | 20.45 | 20.55 | | |
| 15 | 64QAM | 75 | 0 | 20.68 | 20.71 | 20.63 | 20.40 | 20.53 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.84 | 20.63 | 20.87 | 20.58 | 20.63 | 21.90 | 0 |
| 10 | QPSK | 1 | 25 | 20.56 | 20.62 | 20.55 | 20.60 | 20.55 | | |
| 10 | QPSK | 1 | 49 | 20.74 | 20.69 | 20.69 | 20.49 | 20.47 | | |
| 10 | QPSK | 25 | 0 | 20.78 | 20.68 | 20.77 | 20.65 | 20.59 | 21.9 | 0 |
| 10 | QPSK | 25 | 12 | 20.62 | 20.58 | 20.67 | 20.55 | 20.60 | | |
| 10 | QPSK | 25 | 25 | 20.61 | 20.59 | 20.70 | 20.66 | 20.59 | | |
| 10 | QPSK | 50 | 0 | 20.68 | 20.71 | 20.72 | 20.68 | 20.74 | | |
| 10 | 16QAM | 1 | 0 | 20.62 | 20.58 | 20.59 | 20.64 | 20.68 | 21.9 | 0 |
| 10 | 16QAM | 1 | 25 | 20.76 | 20.58 | 20.74 | 20.56 | 20.57 | | |
| 10 | 16QAM | 1 | 49 | 20.66 | 20.79 | 20.72 | 20.77 | 20.64 | | |
| 10 | 16QAM | 25 | 0 | 20.68 | 20.58 | 20.67 | 20.52 | 20.58 | 21.9 | 0 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.67 | 20.58 | 20.50 | 20.62 | | |
| 10 | 16QAM | 25 | 25 | 20.72 | 20.62 | 20.77 | 20.72 | 20.67 | | |
| 10 | 16QAM | 50 | 0 | 20.63 | 20.65 | 20.70 | 20.55 | 20.57 | | |
| 10 | 64QAM | 1 | 0 | 20.69 | 20.63 | 20.73 | 20.61 | 20.52 | 21.9 | 0 |
| 10 | 64QAM | 1 | 25 | 20.77 | 20.76 | 20.75 | 20.58 | 20.62 | | |
| 10 | 64QAM | 1 | 49 | 20.64 | 20.63 | 20.65 | 20.64 | 20.53 | | |
| 10 | 64QAM | 25 | 0 | 20.69 | 20.49 | 20.59 | 20.59 | 20.58 | 21.9 | 0 |
| 10 | 64QAM | 25 | 12 | 20.85 | 20.69 | 20.80 | 20.62 | 20.68 | | |
| 10 | 64QAM | 25 | 25 | 20.79 | 20.61 | 20.66 | 20.47 | 20.49 | | |
| 10 | 64QAM | 50 | 0 | 20.72 | 20.61 | 20.73 | 20.47 | 20.59 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.84 | 20.64 | 20.79 | 20.60 | 20.68 | 21.90 | 0 |
| 5 | QPSK | 1 | 12 | 20.62 | 20.71 | 20.57 | 20.58 | 20.54 | | |
| 5 | QPSK | 1 | 24 | 20.76 | 20.75 | 20.67 | 20.49 | 20.51 | | |
| 5 | QPSK | 12 | 0 | 20.75 | 20.61 | 20.81 | 20.66 | 20.63 | 21.9 | 0 |
| 5 | QPSK | 12 | 7 | 20.62 | 20.58 | 20.66 | 20.57 | 20.59 | | |
| 5 | QPSK | 12 | 13 | 20.65 | 20.60 | 20.72 | 20.64 | 20.56 | | |
| 5 | QPSK | 25 | 0 | 20.68 | 20.76 | 20.70 | 20.64 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.61 | 20.56 | 20.64 | 20.66 | 20.71 | 21.9 | 0 |
| 5 | 16QAM | 1 | 12 | 20.66 | 20.60 | 20.77 | 20.53 | 20.58 | | |
| 5 | 16QAM | 1 | 24 | 20.70 | 20.82 | 20.75 | 20.77 | 20.65 | | |
| 5 | 16QAM | 12 | 0 | 20.69 | 20.64 | 20.66 | 20.57 | 20.63 | 21.9 | 0 |
| 5 | 16QAM | 12 | 7 | 20.69 | 20.59 | 20.63 | 20.48 | 20.54 | | |
| 5 | 16QAM | 12 | 13 | 20.65 | 20.66 | 20.81 | 20.70 | 20.72 | | |
| 5 | 16QAM | 25 | 0 | 20.69 | 20.58 | 20.69 | 20.50 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.71 | 20.62 | 20.68 | 20.49 | 20.60 | 21.9 | 0 |
| 5 | 64QAM | 1 | 12 | 20.84 | 20.72 | 20.79 | 20.65 | 20.60 | | |
| 5 | 64QAM | 1 | 24 | 20.62 | 20.68 | 20.61 | 20.64 | 20.55 | | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.51 | 20.55 | 20.57 | 20.48 | 21.9 | 0 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.63 | 20.75 | 20.63 | 20.72 | | |
| 5 | 64QAM | 12 | 13 | 20.77 | 20.59 | 20.74 | 20.44 | 20.55 | | |

GSM850 Ant 2 DSI7

| 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 | 28.10 | 28.00 | 28.32 | 29.20 | 19.10 | 19.00 | 19.32 | 20.20 |
| GPRS 1 Tx slot | 28.06 | 27.94 | 28.23 | 29.20 | 19.06 | 18.94 | 19.23 | 20.20 |
| GPRS 2 Tx slots | 24.86 | 24.87 | 25.05 | 26.20 | 18.86 | 18.87 | 19.05 | 20.20 |
| GPRS 3 Tx slots | 23.18 | 23.17 | 23.39 | 24.40 | 18.92 | 18.91 | 19.13 | 20.14 |
| GPRS 4 Tx slots | 22.25 | 22.54 | 22.24 | 23.20 | 19.25 | 19.54 | 19.24 | 20.20 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI7

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.22 | 20.44 | 20.17 | 21.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.13 | 20.45 | 20.18 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.26 | 17.23 | 17.07 | 18.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 17.27 | 17.34 | 17.16 | 18.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.66 | 18.88 | 18.54 | 19.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.72 | 18.76 | 18.76 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 17.23 | 17.33 | 17.20 | 18.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 17.31 | 17.54 | 17.45 | 18.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 18.75 | 18.85 | 18.52 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 18.79 | 18.78 | 18.72 | 19.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 17.22 | 17.43 | 17.20 | 18.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.25 | 15.42 | 15.09 | 16.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 16.30 | 16.52 | 16.15 | 17.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.24 | 15.34 | 15.23 | 16.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 17.30 | 17.48 | 17.38 | 18.20 |

## Band 5 Ant 2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 20.81 | 20.89 | 20.66 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.64 | 20.59 | 20.68 | | |
| 10 | QPSK | 1 | 49 | 20.78 | 20.87 | 20.62 | | |
| 10 | QPSK | 25 | 0 | 20.75 | 20.77 | 20.63 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.66 | 20.65 | 20.58 | | |
| 10 | QPSK | 25 | 25 | 20.62 | 20.75 | 20.58 | | |
| 10 | QPSK | 50 | 0 | 20.66 | 20.75 | 20.74 | | |
| 10 | 16QAM | 1 | 0 | 20.82 | 20.57 | 20.52 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.77 | 20.81 | 20.78 | | |
| 10 | 16QAM | 1 | 49 | 20.84 | 20.62 | 20.81 | | |
| 10 | 16QAM | 25 | 0 | 20.86 | 20.75 | 20.62 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.88 | 20.79 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.83 | 20.70 | 20.67 | | |
| 10 | 16QAM | 50 | 0 | 20.74 | 20.80 | 20.66 | | |
| 10 | 64QAM | 1 | 0 | 20.64 | 20.84 | 20.56 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.88 | 20.69 | 20.74 | | |
| 10 | 64QAM | 1 | 49 | 20.71 | 20.72 | 20.61 | | |
| 10 | 64QAM | 25 | 0 | 20.72 | 20.78 | 20.62 | 21.7 | 0 |
| 10 | 64QAM | 25 | 12 | 20.73 | 20.86 | 20.70 | | |
| 10 | 64QAM | 25 | 25 | 20.68 | 20.88 | 20.80 | | |
| 10 | 64QAM | 50 | 0 | 20.77 | 20.85 | 20.84 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.62 | 20.64 | 20.81 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.75 | 20.66 | 20.72 | | |
| 5 | QPSK | 1 | 24 | 20.77 | 20.88 | 20.76 | | |
| 5 | QPSK | 12 | 0 | 20.81 | 20.60 | 20.64 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.61 | 20.70 | 20.72 | | |
| 5 | QPSK | 12 | 13 | 20.66 | 20.82 | 20.59 | | |
| 5 | QPSK | 25 | 0 | 20.68 | 20.88 | 20.85 | | |
| 5 | 16QAM | 1 | 0 | 20.84 | 20.57 | 20.69 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.60 | 20.73 | 20.73 | | |
| 5 | 16QAM | 1 | 24 | 20.65 | 20.81 | 20.79 | | |
| 5 | 16QAM | 12 | 0 | 20.71 | 20.82 | 20.67 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.87 | 20.84 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.79 | 20.84 | 20.66 | | |
| 5 | 16QAM | 25 | 0 | 20.77 | 20.81 | 20.58 | | |
| 5 | 64QAM | 1 | 0 | 20.78 | 20.79 | 20.53 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.72 | 20.67 | 20.86 | | |
| 5 | 64QAM | 1 | 24 | 20.77 | 20.76 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.80 | 20.57 | 21.7 | 0 |
| 5 | 64QAM | 12 | 7 | 20.74 | 20.70 | 20.72 | | |
| 5 | 64QAM | 12 | 13 | 20.63 | 20.81 | 20.74 | | |
| 5 | 64QAM | 25 | 0 | 20.71 | 20.80 | 20.80 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 20.78 | 20.88 | 20.84 | 21.7 | 0 |
| 3 | QPSK | 1 | 8 | 20.69 | 20.63 | 20.67 | | |
| 3 | QPSK | 1 | 14 | 20.69 | 20.79 | 20.60 | | |
| 3 | QPSK | 8 | 0 | 20.77 | 20.68 | 20.80 | 21.7 | 0 |
| 3 | QPSK | 8 | 4 | 20.76 | 20.67 | 20.58 | | |
| 3 | QPSK | 8 | 7 | 20.78 | 20.75 | 20.78 | | |
| 3 | QPSK | 15 | 0 | 20.85 | 20.73 | 20.73 | | |
| 3 | 16QAM | 1 | 0 | 20.69 | 20.68 | 20.60 | 21.7 | 0 |
| 3 | 16QAM | 1 | 8 | 20.62 | 20.70 | 20.75 | | |
| 3 | 16QAM | 1 | 14 | 20.79 | 20.80 | 20.79 | | |
| 3 | 16QAM | 8 | 0 | 20.66 | 20.72 | 20.57 | 21.7 | 0 |
| 3 | 16QAM | 8 | 4 | 20.76 | 20.78 | 20.56 | | |
| 3 | 16QAM | 8 | 7 | 20.84 | 20.76 | 20.76 | | |
| 3 | 16QAM | 15 | 0 | 20.68 | 20.71 | 20.52 | | |
| 3 | 64QAM | 1 | 0 | 20.67 | 20.68 | 20.61 | 21.7 | 0 |
| 3 | 64QAM | 1 | 8 | 20.79 | 20.84 | 20.81 | | |
| 3 | 64QAM | 1 | 14 | 20.74 | 20.74 | 20.71 | | |
| 3 | 64QAM | 8 | 0 | 20.79 | 20.76 | 20.67 | 21.7 | 0 |
| 3 | 64QAM | 8 | 4 | 20.72 | 20.80 | 20.72 | | |
| 3 | 64QAM | 8 | 7 | 20.71 | 20.78 | 20.82 | | |
| 3 | 64QAM | 15 | 0 | 20.69 | 20.87 | 20.73 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.88 | 20.72 | 20.60 | 21.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.77 | 20.57 | 20.66 | | |
| 1.4 | QPSK | 1 | 5 | 20.84 | 20.75 | 20.68 | | |
| 1.4 | QPSK | 3 | 0 | 20.73 | 20.72 | 20.63 | | |
| 1.4 | QPSK | 3 | 1 | 20.64 | 20.68 | 20.71 | | |
| 1.4 | QPSK | 3 | 3 | 20.74 | 20.74 | 20.79 | | |
| 1.4 | QPSK | 6 | 0 | 20.65 | 20.67 | 20.79 | 21.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.81 | 20.68 | 20.66 | 21.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.84 | 20.74 | 20.73 | | |
| 1.4 | 16QAM | 1 | 5 | 20.83 | 20.76 | 20.79 | | |
| 1.4 | 16QAM | 3 | 0 | 20.66 | 20.74 | 20.69 | | |
| 1.4 | 16QAM | 3 | 1 | 20.84 | 20.80 | 20.69 | | |
| 1.4 | 16QAM | 3 | 3 | 20.81 | 20.79 | 20.66 | | |
| 1.4 | 16QAM | 6 | 0 | 20.72 | 20.67 | 20.63 | 21.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.61 | 20.71 | 20.68 | 21.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.81 | 20.80 | 20.80 | | |
| 1.4 | 64QAM | 1 | 5 | 20.87 | 20.72 | 20.67 | | |
| 1.4 | 64QAM | 3 | 0 | 20.64 | 20.71 | 20.58 | | |
| 1.4 | 64QAM | 3 | 1 | 20.85 | 20.88 | 20.84 | | |
| 1.4 | 64QAM | 3 | 3 | 20.78 | 20.79 | 20.78 | | |
| 1.4 | 64QAM | 6 | 0 | 20.69 | 20.85 | 20.83 | 21.7 | 0 |

## Band 12 Ant 2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.91 | 21.95 | 21.82 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.65 | 21.66 | 21.70 | | |
| 10 | QPSK | 1 | 49 | 21.73 | 21.81 | 21.64 | | |
| 10 | QPSK | 25 | 0 | 21.86 | 21.90 | 21.76 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.65 | 21.69 | 21.65 | | |
| 10 | QPSK | 25 | 25 | 21.72 | 21.85 | 21.73 | | |
| 10 | QPSK | 50 | 0 | 21.78 | 21.86 | 21.69 | | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.72 | 21.66 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.89 | 21.84 | 21.81 | | |
| 10 | 16QAM | 1 | 49 | 21.91 | 21.87 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 21.75 | 21.71 | 21.65 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.74 | 21.87 | 21.61 | | |
| 10 | 16QAM | 25 | 25 | 21.86 | 21.80 | 21.72 | | |
| 10 | 16QAM | 50 | 0 | 21.73 | 21.73 | 21.54 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.80 | 21.69 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.80 | 21.73 | 21.82 | | |
| 10 | 64QAM | 1 | 49 | 21.77 | 21.77 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.41 | 21.48 | 21.43 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.26 | 21.19 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.36 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.28 | 21.33 | 21.29 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.78 | 21.88 | 21.70 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.57 | 21.57 | 21.60 | | |
| 5 | QPSK | 1 | 24 | 21.61 | 21.76 | 21.57 | | |
| 5 | QPSK | 12 | 0 | 21.74 | 21.79 | 21.71 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.61 | 21.58 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.64 | 21.71 | 21.61 | | |
| 5 | QPSK | 25 | 0 | 21.65 | 21.72 | 21.55 | | |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.66 | 21.52 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.74 | 21.72 | 21.67 | | |
| 5 | 16QAM | 1 | 24 | 21.87 | 21.77 | 21.82 | | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.62 | 21.57 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.67 | 21.84 | 21.53 | | |
| 5 | 16QAM | 12 | 13 | 21.80 | 21.68 | 21.64 | | |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.69 | 21.49 | | |
| 5 | 64QAM | 1 | 0 | 21.66 | 21.72 | 21.59 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.66 | 21.74 | | |
| 5 | 64QAM | 1 | 24 | 21.63 | 21.63 | 21.56 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.43 | 21.33 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.15 | 21.07 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.28 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.86 | 21.91 | 21.67 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.57 | 21.64 | | |
| 3 | QPSK | 1 | 14 | 21.64 | 21.67 | 21.59 | | |
| 3 | QPSK | 8 | 0 | 21.73 | 21.80 | 21.63 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.54 | 21.65 | 21.57 | | |
| 3 | QPSK | 8 | 7 | 21.59 | 21.78 | 21.68 | | |
| 3 | QPSK | 15 | 0 | 21.71 | 21.77 | 21.60 | | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.61 | 21.55 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.76 | 21.75 | 21.68 | | |
| 3 | 16QAM | 1 | 14 | 21.84 | 21.79 | 21.78 | | |
| 3 | 16QAM | 8 | 0 | 21.70 | 21.67 | 21.55 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.68 | 21.81 | 21.56 | | |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.70 | 21.68 | | |
| 3 | 16QAM | 15 | 0 | 21.67 | 21.68 | 21.42 | | |
| 3 | 64QAM | 1 | 0 | 21.60 | 21.70 | 21.55 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.71 | 21.59 | 21.71 | | |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.67 | 21.52 | | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.40 | 21.38 | 22.2 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.03 | 21.16 | 21.06 | | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.22 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.21 | 21.21 | 21.17 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.87 | 21.84 | 21.68 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.55 | 21.61 | 21.66 | | |
| 1.4 | QPSK | 1 | 5 | 21.69 | 21.72 | 21.50 | | |
| 1.4 | QPSK | 3 | 0 | 21.75 | 21.86 | 21.65 | | |
| 1.4 | QPSK | 3 | 1 | 21.54 | 21.55 | 21.54 | | |
| 1.4 | QPSK | 3 | 3 | 21.63 | 21.80 | 21.70 | | |
| 1.4 | QPSK | 6 | 0 | 21.69 | 21.75 | 21.63 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.66 | 21.60 | 21.57 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.70 | 21.71 | | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 21.79 | 21.83 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.57 | 21.55 | | |
| 1.4 | 16QAM | 3 | 1 | 21.70 | 21.72 | 21.56 | | |
| 1.4 | 16QAM | 3 | 3 | 21.75 | 21.73 | 21.69 | | |
| 1.4 | 16QAM | 6 | 0 | 21.61 | 21.63 | 21.43 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.64 | 21.66 | 21.65 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.59 | 21.77 | | |
| 1.4 | 64QAM | 1 | 5 | 21.70 | 21.72 | 21.51 | | |
| 1.4 | 64QAM | 3 | 0 | 21.72 | 21.78 | 21.64 | | |
| 1.4 | 64QAM | 3 | 1 | 21.64 | 21.65 | 21.62 | | |
| 1.4 | 64QAM | 3 | 3 | 21.79 | 21.74 | 21.72 | | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.26 | 21.19 | 22.2 | 0.5 |

## Band 13 Ant 2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 20.68 | | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | | 20.42 | | | |
| 10 | QPSK | 1 | 49 | | 20.54 | | | |
| 10 | QPSK | 25 | 0 | | 20.65 | | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | | 20.40 | | | |
| 10 | QPSK | 25 | 25 | | 20.60 | | | |
| 10 | QPSK | 50 | 0 | | 20.61 | | | |
| 10 | 16QAM | 1 | 0 | | 20.37 | | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.54 | | | |
| 10 | 16QAM | 1 | 49 | | 20.61 | | | |
| 10 | 16QAM | 25 | 0 | | 20.43 | | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.61 | | | |
| 10 | 16QAM | 25 | 25 | | 20.55 | | | |
| 10 | 16QAM | 50 | 0 | | 20.44 | | | |
| 10 | 64QAM | 1 | 0 | | 20.52 | | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.47 | | | |
| 10 | 64QAM | 1 | 49 | | 20.42 | | | |
| 10 | 64QAM | 25 | 0 | | 20.23 | | 21.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | | 20.06 | | | |
| 10 | 64QAM | 25 | 25 | | 20.13 | | | |
| 10 | 64QAM | 50 | 0 | | 20.31 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.59 | 20.55 | 20.52 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.23 | 20.23 | 20.33 | | |
| 5 | QPSK | 1 | 24 | 20.32 | 20.40 | 20.24 | | |
| 5 | QPSK | 12 | 0 | 20.54 | 20.60 | 20.42 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.31 | 20.26 | 20.37 | | |
| 5 | QPSK | 12 | 13 | 20.41 | 20.39 | 20.39 | | |
| 5 | QPSK | 25 | 0 | 20.34 | 20.50 | 20.41 | | |
| 5 | 16QAM | 1 | 0 | 20.34 | 20.35 | 20.30 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.52 | 20.46 | 20.43 | | |
| 5 | 16QAM | 1 | 24 | 20.46 | 20.53 | 20.54 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.30 | 20.28 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.55 | 20.16 | | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.45 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.37 | 20.41 | 20.13 | | |
| 5 | 64QAM | 1 | 0 | 20.30 | 20.52 | 20.33 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.30 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.30 | 20.44 | 20.32 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.15 | 20.07 | 21.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.82 | 20.02 | 19.87 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.04 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.20 | 20.12 | | |

## Band 17 Ant 2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.81 | 21.96 | 21.92 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.77 | 21.75 | 21.66 | | |
| 10 | QPSK | 1 | 49 | 21.74 | 21.84 | 21.68 | | |
| 10 | QPSK | 25 | 0 | 21.76 | 21.91 | 21.75 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.66 | 21.67 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.77 | 21.73 | | |
| 10 | QPSK | 50 | 0 | 21.80 | 21.84 | 21.79 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.71 | 21.60 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.90 | 21.84 | 21.74 | | |
| 10 | 16QAM | 1 | 49 | 21.87 | 21.79 | 21.72 | | |
| 10 | 16QAM | 25 | 0 | 21.81 | 21.68 | 21.72 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.76 | 21.74 | 21.59 | | |
| 10 | 16QAM | 25 | 25 | 21.79 | 21.82 | 21.74 | | |
| 10 | 16QAM | 50 | 0 | 21.74 | 21.71 | 21.65 | | |
| 10 | 64QAM | 1 | 0 | 21.77 | 21.70 | 21.70 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.80 | 21.85 | 21.71 | | |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.79 | 21.68 | | |
| 10 | 64QAM | 25 | 0 | 21.40 | 21.45 | 21.38 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.38 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.39 | 21.29 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.86 | 21.86 | 21.85 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.73 | 21.67 | 21.52 | | |
| 5 | QPSK | 1 | 24 | 21.66 | 21.76 | 21.63 | | |
| 5 | QPSK | 12 | 0 | 21.68 | 21.83 | 21.69 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.59 | 21.55 | 21.46 | | |
| 5 | QPSK | 12 | 13 | 21.57 | 21.62 | 21.63 | | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.81 | 21.71 | | |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.52 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.70 | 21.61 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.76 | 21.67 | | |
| 5 | 16QAM | 12 | 0 | 21.72 | 21.55 | 21.58 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.69 | 21.49 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.76 | 21.64 | | |
| 5 | 16QAM | 25 | 0 | 21.63 | 21.58 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.69 | 21.61 | 21.62 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.79 | 21.68 | | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.76 | 21.54 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.37 | 21.24 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.33 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.25 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.13 | 21.29 | 21.25 | | |

## Band 26 Ant 2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 20.82 | 20.93 | 20.73 | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 20.75 | 20.61 | 20.58 | | |
| 15 | QPSK | 1 | 74 | 20.66 | 20.83 | 20.56 | | |
| 15 | QPSK | 36 | 0 | 20.82 | 20.87 | 20.70 | 21.7 | 0 |
| 15 | QPSK | 36 | 20 | 20.68 | 20.63 | 20.64 | | |
| 15 | QPSK | 36 | 39 | 20.76 | 20.72 | 20.47 | | |
| 15 | QPSK | 75 | 0 | 20.81 | 20.83 | 20.68 | | |
| 15 | 16QAM | 1 | 0 | 20.72 | 20.60 | 20.62 | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.66 | 20.82 | 20.57 | | |
| 15 | 16QAM | 1 | 74 | 20.73 | 20.65 | 20.73 | | |
| 15 | 16QAM | 36 | 0 | 20.63 | 20.67 | 20.66 | 21.7 | 0 |
| 15 | 16QAM | 36 | 20 | 20.71 | 20.61 | 20.47 | | |
| 15 | 16QAM | 36 | 39 | 20.73 | 20.86 | 20.79 | | |
| 15 | 16QAM | 75 | 0 | 20.65 | 20.65 | 20.65 | | |
| 15 | 64QAM | 1 | 0 | 20.80 | 20.54 | 20.62 | 21.7 | 0 |
| 15 | 64QAM | 1 | 37 | 20.77 | 20.90 | 20.57 | | |
| 15 | 64QAM | 1 | 74 | 20.70 | 20.83 | 20.61 | | |
| 15 | 64QAM | 36 | 0 | 20.74 | 20.84 | 20.68 | 21.2 | 0.5 |
| 15 | 64QAM | 36 | 20 | 20.80 | 20.58 | 20.46 | | |
| 15 | 64QAM | 36 | 39 | 20.86 | 20.68 | 20.73 | | |
| 15 | 64QAM | 75 | 0 | 20.73 | 20.72 | 20.63 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 20.91 | 20.87 | 20.65 | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 20.85 | 20.59 | 20.64 | | |
| 10 | QPSK | 1 | 49 | 20.70 | 20.80 | 20.53 | | |
| 10 | QPSK | 25 | 0 | 20.73 | 20.87 | 20.54 | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.58 | 20.55 | 20.42 | | |
| 10 | QPSK | 25 | 25 | 20.63 | 20.86 | 20.58 | | |
| 10 | QPSK | 50 | 0 | 20.88 | 20.71 | 20.59 | | |
| 10 | 16QAM | 1 | 0 | 20.87 | 20.72 | 20.78 | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.68 | 20.62 | 20.66 | | |
| 10 | 16QAM | 1 | 49 | 20.73 | 20.84 | 20.56 | | |
| 10 | 16QAM | 25 | 0 | 20.74 | 20.64 | 20.76 | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | 20.80 | 20.51 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.71 | 20.82 | 20.73 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.64 | 20.56 | | |
| 10 | 64QAM | 1 | 0 | 20.83 | 20.47 | 20.60 | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | 20.71 | 20.86 | 20.66 | | |
| 10 | 64QAM | 1 | 49 | 20.61 | 20.77 | 20.62 | | |
| 10 | 64QAM | 25 | 0 | 20.83 | 20.82 | 20.58 | 21.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.84 | 20.65 | 20.43 | | |
| 10 | 64QAM | 25 | 25 | 20.86 | 20.78 | 20.62 | | |
| 10 | 64QAM | 50 | 0 | 20.64 | 20.67 | 20.54 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.72 | 20.74 | 20.66 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.75 | 20.63 | 20.55 | | |
| 5 | QPSK | 1 | 24 | 20.69 | 20.84 | 20.49 | | |
| 5 | QPSK | 12 | 0 | 20.78 | 20.82 | 20.54 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.46 | 20.60 | 20.45 | | |
| 5 | QPSK | 12 | 13 | 20.50 | 20.91 | 20.65 | | |
| 5 | QPSK | 25 | 0 | 20.68 | 20.84 | 20.70 | | |
| 5 | 16QAM | 1 | 0 | 20.80 | 20.57 | 20.43 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.84 | 20.78 | 20.79 | | |
| 5 | 16QAM | 1 | 24 | 20.77 | 20.63 | 20.74 | | |
| 5 | 16QAM | 12 | 0 | 20.54 | 20.71 | 20.71 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.68 | 20.54 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.78 | 20.87 | 20.73 | | |
| 5 | 16QAM | 25 | 0 | 20.68 | 20.75 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.73 | 20.65 | 20.69 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.66 | 20.84 | 20.61 | | |
| 5 | 64QAM | 1 | 24 | 20.80 | 20.73 | 20.67 | | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.85 | 20.66 | 21.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.68 | 20.39 | | |
| 5 | 64QAM | 12 | 13 | 20.82 | 20.75 | 20.71 | | |
| 5 | 64QAM | 25 | 0 | 20.82 | 20.64 | 20.74 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 20.78 | 20.92 | 20.70 | 21.7 | 0 |
| 3 | QPSK | 1 | 8 | 20.82 | 20.71 | 20.51 | | |
| 3 | QPSK | 1 | 14 | 20.73 | 20.75 | 20.54 | | |
| 3 | QPSK | 8 | 0 | 20.75 | 20.89 | 20.58 | 21.7 | 0 |
| 3 | QPSK | 8 | 4 | 20.51 | 20.49 | 20.40 | | |
| 3 | QPSK | 8 | 7 | 20.50 | 20.80 | 20.68 | | |
| 3 | QPSK | 15 | 0 | 20.80 | 20.74 | 20.65 | | |
| 3 | 16QAM | 1 | 0 | 20.70 | 20.52 | 20.39 | 21.7 | 0 |
| 3 | 16QAM | 1 | 8 | 20.75 | 20.72 | 20.65 | | |
| 3 | 16QAM | 1 | 14 | 20.63 | 20.64 | 20.64 | | |
| 3 | 16QAM | 8 | 0 | 20.53 | 20.72 | 20.60 | 21.7 | 0 |
| 3 | 16QAM | 8 | 4 | 20.62 | 20.57 | 20.44 | | |
| 3 | 16QAM | 8 | 7 | 20.77 | 20.88 | 20.69 | | |
| 3 | 16QAM | 15 | 0 | 20.72 | 20.62 | 20.66 | | |
| 3 | 64QAM | 1 | 0 | 20.76 | 20.56 | 20.71 | 21.7 | 0 |
| 3 | 64QAM | 1 | 8 | 20.80 | 20.85 | 20.51 | | |
| 3 | 64QAM | 1 | 14 | 20.78 | 20.91 | 20.68 | | |
| 3 | 64QAM | 8 | 0 | 20.84 | 20.91 | 20.71 | 21.2 | 0.5 |
| 3 | 64QAM | 8 | 4 | 20.75 | 20.55 | 20.45 | | |
| 3 | 64QAM | 8 | 7 | 20.92 | 20.71 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.81 | 20.56 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.77 | 20.87 | 20.75 | 21.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.70 | 20.54 | 20.56 | | |
| 1.4 | QPSK | 1 | 5 | 20.59 | 20.78 | 20.51 | | |
| 1.4 | QPSK | 3 | 0 | 20.64 | 20.86 | 20.49 | | |
| 1.4 | QPSK | 3 | 1 | 20.53 | 20.47 | 20.38 | | |
| 1.4 | QPSK | 3 | 3 | 20.65 | 20.79 | 20.63 | | |
| 1.4 | QPSK | 6 | 0 | 20.85 | 20.73 | 20.71 | 21.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.75 | 20.54 | 20.50 | 21.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.69 | 20.62 | 20.68 | | |
| 1.4 | 16QAM | 1 | 5 | 20.76 | 20.71 | 20.76 | | |
| 1.4 | 16QAM | 3 | 0 | 20.69 | 20.58 | 20.57 | | |
| 1.4 | 16QAM | 3 | 1 | 20.78 | 20.89 | 20.63 | | |
| 1.4 | 16QAM | 3 | 3 | 20.68 | 20.65 | 20.63 | | |
| 1.4 | 16QAM | 6 | 0 | 20.68 | 20.77 | 20.55 | 21.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.81 | 20.74 | 20.70 | 21.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.67 | 20.70 | 20.68 | | |
| 1.4 | 64QAM | 1 | 5 | 20.67 | 20.77 | 20.54 | | |
| 1.4 | 64QAM | 3 | 0 | 20.64 | 20.85 | 20.59 | | |
| 1.4 | 64QAM | 3 | 1 | 20.86 | 20.69 | 20.54 | | |
| 1.4 | 64QAM | 3 | 3 | 20.74 | 20.75 | 20.80 | | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.74 | 20.60 | 21.2 | 0.5 |

# Band 7 ENDC Ant 5 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 14.07 | 14.36 | 13.93 | 15.6 | 0 |
| 20 | QPSK | 1 | 49 | 14.31 | 14.05 | 14.16 | | |
| 20 | QPSK | 1 | 99 | 13.91 | 14.02 | 13.94 | | |
| 20 | QPSK | 50 | 0 | 14.09 | 14.29 | 14.15 | 15.6 | 0 |
| 20 | QPSK | 50 | 24 | 14.04 | 14.14 | 14.21 | | |
| 20 | QPSK | 50 | 50 | 14.26 | 14.23 | 13.86 | | |
| 20 | QPSK | 100 | 0 | 14.16 | 14.27 | 13.97 | | |
| 20 | 16QAM | 1 | 0 | 14.13 | 14.21 | 14.15 | 15.6 | 0 |
| 20 | 16QAM | 1 | 49 | 14.02 | 14.09 | 14.08 | | |
| 20 | 16QAM | 1 | 99 | 14.22 | 13.98 | 14.12 | | |
| 20 | 16QAM | 50 | 0 | 14.02 | 14.13 | 13.95 | 15.6 | 0 |
| 20 | 16QAM | 50 | 24 | 13.90 | 14.08 | 13.97 | | |
| 20 | 16QAM | 50 | 50 | 14.16 | 14.11 | 13.89 | | |
| 20 | 16QAM | 100 | 0 | 14.24 | 14.12 | 14.10 | | |
| 20 | 64QAM | 1 | 0 | 13.92 | 14.19 | 14.05 | 15.6 | 0 |
| 20 | 64QAM | 1 | 49 | 14.27 | 14.23 | 14.11 | | |
| 20 | 64QAM | 1 | 99 | 14.23 | 14.07 | 14.05 | | |
| 20 | 64QAM | 50 | 0 | 14.00 | 14.24 | 14.11 | 15.6 | 0 |
| 20 | 64QAM | 50 | 24 | 14.10 | 13.99 | 14.13 | | |
| 20 | 64QAM | 50 | 50 | 13.98 | 13.95 | 14.19 | | |
| 20 | 64QAM | 100 | 0 | 13.87 | 14.29 | 13.94 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 13.99 | 14.24 | 13.81 | 15.6 | 0 |
| 15 | QPSK | 1 | 37 | 14.17 | 13.94 | 14.04 | | |
| 15 | QPSK | 1 | 74 | 13.81 | 13.95 | 13.83 | | |
| 15 | QPSK | 36 | 0 | 14.02 | 14.24 | 14.09 | 15.6 | 0 |
| 15 | QPSK | 36 | 20 | 13.94 | 14.05 | 14.14 | | |
| 15 | QPSK | 36 | 39 | 14.19 | 14.16 | 14.05 | | |
| 15 | QPSK | 75 | 0 | 14.10 | 14.15 | 13.88 | | |
| 15 | 16QAM | 1 | 0 | 14.00 | 14.14 | 14.00 | 15.6 | 0 |
| 15 | 16QAM | 1 | 37 | 13.97 | 14.04 | 13.94 | | |
| 15 | 16QAM | 1 | 74 | 14.13 | 13.90 | 14.04 | | |
| 15 | 16QAM | 36 | 0 | 13.95 | 13.99 | 13.81 | 15.6 | 0 |
| 15 | 16QAM | 36 | 20 | 13.75 | 13.97 | 13.86 | | |
| 15 | 16QAM | 36 | 39 | 14.07 | 14.01 | 13.78 | | |
| 15 | 16QAM | 75 | 0 | 14.12 | 14.03 | 13.97 | | |
| 15 | 64QAM | 1 | 0 | 13.82 | 14.07 | 13.97 | 15.6 | 0 |
| 15 | 64QAM | 1 | 37 | 14.14 | 14.17 | 13.96 | | |
| 15 | 64QAM | 1 | 74 | 14.14 | 13.96 | 13.93 | | |
| 15 | 64QAM | 36 | 0 | 13.93 | 14.18 | 14.03 | 15.6 | 0 |
| 15 | 64QAM | 36 | 20 | 14.03 | 13.90 | 14.01 | | |
| 15 | 64QAM | 36 | 39 | 13.84 | 13.85 | 14.13 | | |
| 15 | 64QAM | 75 | 0 | 13.74 | 14.22 | 13.88 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 13.93 | 14.22 | 13.79 | 15.6 | 0 |
| 10 | QPSK | 1 | 25 | 14.19 | 13.99 | 14.02 | | |
| 10 | QPSK | 1 | 49 | 13.76 | 13.96 | 13.86 | | |
| 10 | QPSK | 25 | 0 | 13.97 | 14.18 | 14.05 | 15.6 | 0 |
| 10 | QPSK | 25 | 12 | 13.90 | 14.04 | 14.15 | | |
| 10 | QPSK | 25 | 25 | 14.16 | 14.08 | 13.79 | | |
| 10 | QPSK | 50 | 0 | 14.03 | 14.14 | 13.86 | | |
| 10 | 16QAM | 1 | 0 | 14.02 | 14.11 | 14.08 | 15.6 | 0 |
| 10 | 16QAM | 1 | 25 | 13.90 | 14.03 | 13.98 | | |
| 10 | 16QAM | 1 | 49 | 14.11 | 13.88 | 14.00 | | |
| 10 | 16QAM | 25 | 0 | 13.91 | 14.05 | 13.90 | 15.6 | 0 |
| 10 | 16QAM | 25 | 12 | 13.81 | 14.01 | 13.87 | | |
| 10 | 16QAM | 25 | 25 | 14.06 | 14.01 | 13.82 | | |
| 10 | 16QAM | 50 | 0 | 14.11 | 14.00 | 14.00 | | |
| 10 | 64QAM | 1 | 0 | 13.85 | 14.13 | 13.97 | 15.6 | 0 |
| 10 | 64QAM | 1 | 25 | 14.17 | 14.11 | 13.98 | | |
| 10 | 64QAM | 1 | 49 | 14.09 | 14.02 | 13.95 | | |
| 10 | 64QAM | 25 | 0 | 13.88 | 14.14 | 13.97 | 15.6 | 0 |
| 10 | 64QAM | 25 | 12 | 14.04 | 13.85 | 14.08 | | |
| 10 | 64QAM | 25 | 25 | 13.91 | 13.82 | 14.04 | | |
| 10 | 64QAM | 50 | 0 | 13.74 | 14.22 | 13.85 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 13.99 | 14.22 | 13.84 | 15.6 | 0 |
| 5 | QPSK | 1 | 12 | 14.19 | 13.97 | 14.07 | | |
| 5 | QPSK | 1 | 24 | 13.77 | 13.94 | 13.80 | | |
| 5 | QPSK | 12 | 0 | 14.02 | 14.19 | 14.08 | 15.6 | 0 |
| 5 | QPSK | 12 | 7 | 13.95 | 14.03 | 14.14 | | |
| 5 | QPSK | 12 | 13 | 14.18 | 14.11 | 13.74 | | |
| 5 | QPSK | 25 | 0 | 14.03 | 14.19 | 13.87 | | |
| 5 | 16QAM | 1 | 0 | 14.04 | 14.14 | 14.06 | 15.6 | 0 |
| 5 | 16QAM | 1 | 12 | 13.96 | 14.03 | 13.98 | | |
| 5 | 16QAM | 1 | 24 | 14.10 | 13.85 | 14.03 | | |
| 5 | 16QAM | 12 | 0 | 13.89 | 14.04 | 13.88 | 15.6 | 0 |
| 5 | 16QAM | 12 | 7 | 13.83 | 14.00 | 13.83 | | |
| 5 | 16QAM | 12 | 13 | 14.04 | 13.98 | 13.83 | | |
| 5 | 16QAM | 25 | 0 | 14.19 | 14.00 | 14.03 | | |
| 5 | 64QAM | 1 | 0 | 13.80 | 14.11 | 13.94 | 15.6 | 0 |
| 5 | 64QAM | 1 | 12 | 14.16 | 14.11 | 14.03 | | |
| 5 | 64QAM | 1 | 24 | 14.15 | 13.93 | 14.00 | | |
| 5 | 64QAM | 12 | 0 | 13.90 | 14.15 | 14.03 | 15.6 | 0 |
| 5 | 64QAM | 12 | 7 | 13.98 | 13.90 | 14.06 | | |
| 5 | 64QAM | 12 | 13 | 13.87 | 13.87 | 14.09 | | |
| 5 | 64QAM | 25 | 0 | 13.80 | 14.15 | 13.88 | | |

GSM1900 Ant 6 DSI7

| 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 | 23.36 | 23.14 | 23.27 | 24.80 | 14.36 | 14.14 | 14.27 | 15.80 |
| GPRS 1 Tx slot | 23.31 | 23.05 | 23.33 | 24.80 | 14.31 | 14.05 | 14.33 | 15.80 |
| GPRS 2 Tx slots | 20.38 | 20.21 | 20.22 | 21.80 | 14.38 | 14.21 | 14.22 | 15.80 |
| GPRS 3 Tx slots | 18.53 | 18.37 | 18.55 | 20.00 | 14.27 | 14.11 | 14.29 | 15.74 |
| GPRS 4 Tx slots | 17.19 | 17.33 | 17.31 | 18.80 | 14.19 | 14.33 | 14.31 | 15.80 |
| EDGE 1 Tx slot | 23.24 | 22.98 | 23.03 | 24.80 | 14.24 | 13.98 | 14.03 | 15.80 |
| EDGE 2 Tx slots | 20.27 | 20.23 | 20.16 | 21.80 | 14.27 | 14.23 | 14.16 | 15.80 |
| EDGE 3 Tx slots | 18.47 | 18.35 | 18.53 | 20.00 | 14.21 | 14.09 | 14.27 | 15.74 |
| EDGE 4 Tx slots | 17.34 | 17.02 | 16.95 | 18.80 | 14.34 | 14.02 | 13.95 | 15.80 |

WCDMA II Ant 6 DSI7 | WCDMA IV Ant 6 DSI7

| 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 | 13.45 | 13.51 | 13.39 | 14.70 | 17.04 | 17.12 | 17.14 | 18.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 13.58 | 13.59 | 13.52 | 14.70 | 17.19 | 17.31 | 17.19 | 18.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 12.73 | 12.86 | 12.57 | 13.90 | 16.06 | 16.18 | 15.85 | 17.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 12.65 | 12.82 | 12.58 | 13.90 | 16.05 | 16.04 | 16.14 | 17.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 12.07 | 12.11 | 11.88 | 13.20 | 15.57 | 15.76 | 15.53 | 16.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 11.81 | 12.02 | 12.11 | 13.20 | 15.67 | 15.88 | 15.92 | 16.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 12.75 | 12.92 | 12.75 | 13.90 | 15.84 | 16.16 | 16.03 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 12.54 | 12.50 | 12.49 | 13.90 | 16.20 | 16.20 | 15.98 | 17.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 11.85 | 12.06 | 11.71 | 13.20 | 15.64 | 15.73 | 15.83 | 16.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 11.94 | 11.84 | 11.68 | 13.20 | 15.69 | 15.46 | 15.43 | 16.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 12.61 | 12.81 | 12.70 | 13.90 | 16.15 | 16.25 | 16.23 | 17.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 9.53 | 9.45 | 9.39 | 10.70 | 14.17 | 14.30 | 14.16 | 15.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 10.41 | 10.64 | 10.60 | 11.70 | 15.15 | 15.16 | 15.00 | 16.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 9.57 | 9.54 | 9.55 | 10.70 | 14.08 | 14.03 | 13.98 | 15.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 12.55 | 12.79 | 12.57 | 13.90 | 16.00 | 16.17 | 16.40 | 17.20 |

## Band 2 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 13.63 | 13.83 | 13.71 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.81 | 13.69 | 13.64 | | |
| 20 | QPSK | 1 | 99 | 13.70 | 13.62 | 13.78 | | |
| 20 | QPSK | 50 | 0 | 13.58 | 13.60 | 13.50 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.53 | 13.59 | 13.38 | | |
| 20 | QPSK | 50 | 50 | 13.52 | 13.54 | 13.45 | | |
| 20 | QPSK | 100 | 0 | 13.39 | 13.61 | 13.43 | | |
| 20 | 16QAM | 1 | 0 | 13.50 | 13.60 | 13.67 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.72 | 13.63 | 13.57 | | |
| 20 | 16QAM | 1 | 99 | 13.77 | 13.61 | 13.57 | | |
| 20 | 16QAM | 50 | 0 | 13.62 | 13.60 | 13.55 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.42 | 13.58 | 13.40 | | |
| 20 | 16QAM | 50 | 50 | 13.54 | 13.63 | 13.52 | | |
| 20 | 16QAM | 100 | 0 | 13.56 | 13.65 | 13.36 | | |
| 20 | 64QAM | 1 | 0 | 13.49 | 13.58 | 13.60 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.62 | 13.78 | 13.68 | | |
| 20 | 64QAM | 1 | 99 | 13.81 | 13.76 | 13.54 | | |
| 20 | 64QAM | 50 | 0 | 13.57 | 13.65 | 13.50 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.64 | 13.55 | 13.58 | | |
| 20 | 64QAM | 50 | 50 | 13.62 | 13.65 | 13.62 | | |
| 20 | 64QAM | 100 | 0 | 13.70 | 13.61 | 13.37 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 13.49 | 13.76 | 13.58 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.77 | 13.63 | 13.59 | | |
| 15 | QPSK | 1 | 74 | 13.67 | 13.49 | 13.67 | | |
| 15 | QPSK | 36 | 0 | 13.52 | 13.51 | 13.45 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.41 | 13.49 | 13.34 | | |
| 15 | QPSK | 36 | 39 | 13.42 | 13.50 | 13.41 | | |
| 15 | QPSK | 75 | 0 | 13.33 | 13.49 | 13.32 | | |
| 15 | 16QAM | 1 | 0 | 13.37 | 13.47 | 13.57 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.63 | 13.58 | 13.51 | | |
| 15 | 16QAM | 1 | 74 | 13.64 | 13.58 | 13.52 | | |
| 15 | 16QAM | 36 | 0 | 13.51 | 13.56 | 13.47 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.29 | 13.50 | 13.30 | | |
| 15 | 16QAM | 36 | 39 | 13.49 | 13.52 | 13.46 | | |
| 15 | 16QAM | 75 | 0 | 13.48 | 13.51 | 13.24 | | |
| 15 | 64QAM | 1 | 0 | 13.40 | 13.45 | 13.47 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.50 | 13.75 | 13.56 | | |
| 15 | 64QAM | 1 | 74 | 13.75 | 13.72 | 13.43 | | |
| 15 | 64QAM | 36 | 0 | 13.42 | 13.55 | 13.38 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.53 | 13.40 | 13.43 | | |
| 15 | 64QAM | 36 | 39 | 13.53 | 13.58 | 13.58 | | |
| 15 | 64QAM | 75 | 0 | 13.63 | 13.46 | 13.34 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 13.55 | 13.71 | 13.59 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.76 | 13.63 | 13.60 | | |
| 10 | QPSK | 1 | 49 | 13.62 | 13.50 | 13.64 | | |
| 10 | QPSK | 25 | 0 | 13.49 | 13.46 | 13.42 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.48 | 13.55 | 13.32 | | |
| 10 | QPSK | 25 | 25 | 13.44 | 13.48 | 13.35 | | |
| 10 | QPSK | 50 | 0 | 13.27 | 13.54 | 13.35 | | |
| 10 | 16QAM | 1 | 0 | 13.38 | 13.55 | 13.54 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.67 | 13.55 | 13.50 | | |
| 10 | 16QAM | 1 | 49 | 13.73 | 13.56 | 13.46 | | |
| 10 | 16QAM | 25 | 0 | 13.50 | 13.53 | 13.47 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.34 | 13.43 | 13.26 | | |
| 10 | 16QAM | 25 | 25 | 13.46 | 13.55 | 13.42 | | |
| 10 | 16QAM | 50 | 0 | 13.46 | 13.55 | 13.21 | | |
| 10 | 64QAM | 1 | 0 | 13.43 | 13.51 | 13.51 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.57 | 13.75 | 13.61 | | |
| 10 | 64QAM | 1 | 49 | 13.74 | 13.65 | 13.46 | | |
| 10 | 64QAM | 25 | 0 | 13.42 | 13.56 | 13.46 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.59 | 13.52 | 13.44 | | |
| 10 | 64QAM | 25 | 25 | 13.53 | 13.51 | 13.48 | | |
| 10 | 64QAM | 50 | 0 | 13.62 | 13.55 | 13.27 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 13.58 | 13.75 | 13.64 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.72 | 13.64 | 13.56 | | |
| 5 | QPSK | 1 | 24 | 13.64 | 13.58 | 13.68 | | |
| 5 | QPSK | 12 | 0 | 13.50 | 13.54 | 13.38 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.45 | 13.48 | 13.27 | | |
| 5 | QPSK | 12 | 13 | 13.46 | 13.41 | 13.36 | | |
| 5 | QPSK | 25 | 0 | 13.32 | 13.54 | 13.39 | | |
| 5 | 16QAM | 1 | 0 | 13.47 | 13.45 | 13.61 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.60 | 13.50 | 13.45 | | |
| 5 | 16QAM | 1 | 24 | 13.70 | 13.54 | 13.53 | | |
| 5 | 16QAM | 12 | 0 | 13.55 | 13.49 | 13.41 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.37 | 13.47 | 13.32 | | |
| 5 | 16QAM | 12 | 13 | 13.47 | 13.50 | 13.37 | | |
| 5 | 16QAM | 25 | 0 | 13.42 | 13.51 | 13.27 | | |
| 5 | 64QAM | 1 | 0 | 13.42 | 13.49 | 13.51 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.50 | 13.79 | 13.56 | | |
| 5 | 64QAM | 1 | 24 | 13.76 | 13.71 | 13.40 | | |
| 5 | 64QAM | 12 | 0 | 13.43 | 13.59 | 13.37 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.51 | 13.46 | 13.46 | | |
| 5 | 64QAM | 12 | 13 | 13.58 | 13.54 | 13.54 | | |
| 5 | 64QAM | 25 | 0 | 13.60 | 13.54 | 13.25 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 13.50 | 13.69 | 13.60 | 14.9 | 0 |
| 3 | QPSK | 1 | 8 | 13.67 | 13.61 | 13.50 | | |
| 3 | QPSK | 1 | 14 | 13.60 | 13.53 | 13.70 | | |
| 3 | QPSK | 8 | 0 | 13.44 | 13.54 | 13.38 | 14.9 | 0 |
| 3 | QPSK | 8 | 4 | 13.39 | 13.53 | 13.34 | | |
| 3 | QPSK | 8 | 7 | 13.47 | 13.47 | 13.38 | | |
| 3 | QPSK | 15 | 0 | 13.35 | 13.57 | 13.34 | | |
| 3 | 16QAM | 1 | 0 | 13.40 | 13.48 | 13.55 | 14.9 | 0 |
| 3 | 16QAM | 1 | 8 | 13.68 | 13.56 | 13.49 | | |
| 3 | 16QAM | 1 | 14 | 13.73 | 13.57 | 13.47 | | |
| 3 | 16QAM | 8 | 0 | 13.56 | 13.53 | 13.42 | 14.9 | 0 |
| 3 | 16QAM | 8 | 4 | 13.31 | 13.50 | 13.34 | | |
| 3 | 16QAM | 8 | 7 | 13.49 | 13.53 | 13.39 | | |
| 3 | 16QAM | 15 | 0 | 13.49 | 13.61 | 13.28 | | |
| 3 | 64QAM | 1 | 0 | 13.42 | 13.53 | 13.51 | 14.9 | 0 |
| 3 | 64QAM | 1 | 8 | 13.49 | 13.79 | 13.57 | | |
| 3 | 64QAM | 1 | 14 | 13.76 | 13.69 | 13.48 | | |
| 3 | 64QAM | 8 | 0 | 13.51 | 13.59 | 13.36 | 14.9 | 0 |
| 3 | 64QAM | 8 | 4 | 13.50 | 13.47 | 13.52 | | |
| 3 | 64QAM | 8 | 7 | 13.59 | 13.58 | 13.58 | | |
| 3 | 64QAM | 15 | 0 | 13.61 | 13.46 | 13.25 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 13.55 | 13.77 | 13.58 | 14.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 13.74 | 13.63 | 13.50 | | |
| 1.4 | QPSK | 1 | 5 | 13.63 | 13.49 | 13.74 | | |
| 1.4 | QPSK | 3 | 0 | 13.53 | 13.55 | 13.40 | | |
| 1.4 | QPSK | 3 | 1 | 13.49 | 13.52 | 13.24 | | |
| 1.4 | QPSK | 3 | 3 | 13.44 | 13.42 | 13.41 | | |
| 1.4 | QPSK | 6 | 0 | 13.29 | 13.54 | 13.35 | 14.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 13.43 | 13.46 | 13.53 | 14.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 13.59 | 13.53 | 13.47 | | |
| 1.4 | 16QAM | 1 | 5 | 13.65 | 13.52 | 13.43 | | |
| 1.4 | 16QAM | 3 | 0 | 13.58 | 13.53 | 13.44 | | |
| 1.4 | 16QAM | 3 | 1 | 13.27 | 13.45 | 13.27 | | |
| 1.4 | 16QAM | 3 | 3 | 13.48 | 13.55 | 13.43 | | |
| 1.4 | 16QAM | 6 | 0 | 13.48 | 13.55 | 13.30 | 14.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 13.42 | 13.46 | 13.51 | 14.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 13.49 | 13.75 | 13.57 | | |
| 1.4 | 64QAM | 1 | 5 | 13.66 | 13.69 | 13.40 | | |
| 1.4 | 64QAM | 3 | 0 | 13.53 | 13.54 | 13.42 | | |
| 1.4 | 64QAM | 3 | 1 | 13.55 | 13.47 | 13.45 | | |
| 1.4 | 64QAM | 3 | 3 | 13.48 | 13.62 | 13.53 | | |
| 1.4 | 64QAM | 6 | 0 | 13.62 | 13.54 | 13.29 | 14.9 | 0 |

## Band 4 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 16.43 | 16.62 | 16.51 | 17.9 | 0 |
| 20 | QPSK | 1 | 49 | 16.58 | 16.48 | 16.41 | | |
| 20 | QPSK | 1 | 99 | 16.53 | 16.46 | 16.54 | | |
| 20 | QPSK | 50 | 0 | 16.35 | 16.45 | 16.27 | 17.9 | 0 |
| 20 | QPSK | 50 | 24 | 16.30 | 16.42 | 16.19 | | |
| 20 | QPSK | 50 | 50 | 16.36 | 16.34 | 16.21 | | |
| 20 | QPSK | 100 | 0 | 16.17 | 16.39 | 16.23 | | |
| 20 | 16QAM | 1 | 0 | 16.34 | 16.35 | 16.46 | 17.9 | 0 |
| 20 | 16QAM | 1 | 49 | 16.52 | 16.44 | 16.36 | | |
| 20 | 16QAM | 1 | 99 | 16.58 | 16.44 | 16.40 | | |
| 20 | 16QAM | 50 | 0 | 16.38 | 16.39 | 16.36 | 17.9 | 0 |
| 20 | 16QAM | 50 | 24 | 16.26 | 16.36 | 16.23 | | |
| 20 | 16QAM | 50 | 50 | 16.29 | 16.39 | 16.30 | | |
| 20 | 16QAM | 100 | 0 | 16.29 | 16.44 | 16.16 | | |
| 20 | 64QAM | 1 | 0 | 16.30 | 16.31 | 16.39 | 17.9 | 0 |
| 20 | 64QAM | 1 | 49 | 16.39 | 16.57 | 16.46 | | |
| 20 | 64QAM | 1 | 99 | 16.55 | 16.51 | 16.29 | | |
| 20 | 64QAM | 50 | 0 | 16.41 | 16.44 | 16.28 | 17.9 | 0 |
| 20 | 64QAM | 50 | 24 | 16.37 | 16.31 | 16.39 | | |
| 20 | 64QAM | 50 | 50 | 16.43 | 16.43 | 16.41 | | |
| 20 | 64QAM | 100 | 0 | 16.49 | 16.37 | 16.15 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 16.31 | 16.54 | 16.41 | 17.9 | 0 |
| 15 | QPSK | 1 | 37 | 16.53 | 16.39 | 16.36 | | |
| 15 | QPSK | 1 | 74 | 16.41 | 16.33 | 16.48 | | |
| 15 | QPSK | 36 | 0 | 16.26 | 16.38 | 16.20 | 17.9 | 0 |
| 15 | QPSK | 36 | 20 | 16.19 | 16.37 | 16.10 | | |
| 15 | QPSK | 36 | 39 | 16.30 | 16.30 | 16.07 | | |
| 15 | QPSK | 75 | 0 | 16.09 | 16.31 | 16.20 | | |
| 15 | 16QAM | 1 | 0 | 16.19 | 16.23 | 16.31 | 17.9 | 0 |
| 15 | 16QAM | 1 | 37 | 16.47 | 16.36 | 16.30 | | |
| 15 | 16QAM | 1 | 74 | 16.53 | 16.39 | 16.33 | | |
| 15 | 16QAM | 36 | 0 | 16.27 | 16.35 | 16.22 | 17.9 | 0 |
| 15 | 16QAM | 36 | 20 | 16.11 | 16.23 | 16.16 | | |
| 15 | 16QAM | 36 | 39 | 16.18 | 16.24 | 16.21 | | |
| 15 | 16QAM | 75 | 0 | 16.23 | 16.35 | 16.08 | | |
| 15 | 64QAM | 1 | 0 | 16.24 | 16.23 | 16.30 | 17.9 | 0 |
| 15 | 64QAM | 1 | 37 | 16.25 | 16.48 | 16.34 | | |
| 15 | 64QAM | 1 | 74 | 16.50 | 16.44 | 16.20 | | |
| 15 | 64QAM | 36 | 0 | 16.37 | 16.34 | 16.22 | 17.9 | 0 |
| 15 | 64QAM | 36 | 20 | 16.24 | 16.20 | 16.25 | | |
| 15 | 64QAM | 36 | 39 | 16.34 | 16.32 | 16.35 | | |
| 15 | 64QAM | 75 | 0 | 16.39 | 16.28 | 16.07 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 16.36 | 16.58 | 16.45 | 17.9 | 0 |
| 10 | QPSK | 1 | 25 | 16.55 | 16.43 | 16.34 | | |
| 10 | QPSK | 1 | 49 | 16.42 | 16.40 | 16.50 | | |
| 10 | QPSK | 25 | 0 | 16.24 | 16.38 | 16.24 | 17.9 | 0 |
| 10 | QPSK | 25 | 12 | 16.17 | 16.38 | 16.05 | | |
| 10 | QPSK | 25 | 25 | 16.21 | 16.21 | 16.15 | | |
| 10 | QPSK | 50 | 0 | 16.06 | 16.35 | 16.16 | | |
| 10 | 16QAM | 1 | 0 | 16.29 | 16.26 | 16.36 | 17.9 | 0 |
| 10 | 16QAM | 1 | 25 | 16.45 | 16.40 | 16.32 | | |
| 10 | 16QAM | 1 | 49 | 16.49 | 16.30 | 16.27 | | |
| 10 | 16QAM | 25 | 0 | 16.30 | 16.33 | 16.28 | 17.9 | 0 |
| 10 | 16QAM | 25 | 12 | 16.19 | 16.22 | 16.11 | | |
| 10 | 16QAM | 25 | 25 | 16.26 | 16.27 | 16.22 | | |
| 10 | 16QAM | 50 | 0 | 16.14 | 16.40 | 16.01 | | |
| 10 | 64QAM | 1 | 0 | 16.26 | 16.19 | 16.36 | 17.9 | 0 |
| 10 | 64QAM | 1 | 25 | 16.30 | 16.45 | 16.35 | | |
| 10 | 64QAM | 1 | 49 | 16.42 | 16.40 | 16.22 | | |
| 10 | 64QAM | 25 | 0 | 16.33 | 16.37 | 16.16 | 17.9 | 0 |
| 10 | 64QAM | 25 | 12 | 16.24 | 16.19 | 16.32 | | |
| 10 | 64QAM | 25 | 25 | 16.29 | 16.34 | 16.32 | | |
| 10 | 64QAM | 50 | 0 | 16.39 | 16.33 | 16.07 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 16.36 | 16.51 | 16.39 | 17.9 | 0 |
| 5 | QPSK | 1 | 12 | 16.51 | 16.39 | 16.33 | | |
| 5 | QPSK | 1 | 24 | 16.39 | 16.31 | 16.49 | | |
| 5 | QPSK | 12 | 0 | 16.24 | 16.37 | 16.20 | 17.9 | 0 |
| 5 | QPSK | 12 | 7 | 16.20 | 16.28 | 16.13 | | |
| 5 | QPSK | 12 | 13 | 16.27 | 16.29 | 16.08 | | |
| 5 | QPSK | 25 | 0 | 16.09 | 16.36 | 16.09 | | |
| 5 | 16QAM | 1 | 0 | 16.23 | 16.21 | 16.43 | 17.9 | 0 |
| 5 | 16QAM | 1 | 12 | 16.41 | 16.31 | 16.26 | | |
| 5 | 16QAM | 1 | 24 | 16.43 | 16.37 | 16.32 | | |
| 5 | 16QAM | 12 | 0 | 16.23 | 16.26 | 16.23 | 17.9 | 0 |
| 5 | 16QAM | 12 | 7 | 16.22 | 16.31 | 16.17 | | |
| 5 | 16QAM | 12 | 13 | 16.19 | 16.31 | 16.16 | | |
| 5 | 16QAM | 25 | 0 | 16.25 | 16.29 | 16.05 | | |
| 5 | 64QAM | 1 | 0 | 16.20 | 16.21 | 16.35 | 17.9 | 0 |
| 5 | 64QAM | 1 | 12 | 16.34 | 16.45 | 16.32 | | |
| 5 | 64QAM | 1 | 24 | 16.49 | 16.40 | 16.21 | | |
| 5 | 64QAM | 12 | 0 | 16.26 | 16.34 | 16.25 | 17.9 | 0 |
| 5 | 64QAM | 12 | 7 | 16.33 | 16.18 | 16.25 | | |
| 5 | 64QAM | 12 | 13 | 16.40 | 16.29 | 16.31 | | |
| 5 | 64QAM | 25 | 0 | 16.45 | 16.33 | 16.12 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 16.30 | 16.56 | 16.41 | 17.9 | 0 |
| 3 | QPSK | 1 | 8 | 16.49 | 16.37 | 16.32 | | |
| 3 | QPSK | 1 | 14 | 16.44 | 16.38 | 16.44 | | |
| 3 | QPSK | 8 | 0 | 16.28 | 16.41 | 16.20 | 17.9 | 0 |
| 3 | QPSK | 8 | 4 | 16.19 | 16.39 | 16.09 | | |
| 3 | QPSK | 8 | 7 | 16.27 | 16.20 | 16.10 | | |
| 3 | QPSK | 15 | 0 | 16.06 | 16.25 | 16.14 | | |
| 3 | 16QAM | 1 | 0 | 16.23 | 16.23 | 16.40 | 17.9 | 0 |
| 3 | 16QAM | 1 | 8 | 16.45 | 16.33 | 16.26 | | |
| 3 | 16QAM | 1 | 14 | 16.44 | 16.32 | 16.33 | | |
| 3 | 16QAM | 8 | 0 | 16.33 | 16.35 | 16.29 | 17.9 | 0 |
| 3 | 16QAM | 8 | 4 | 16.15 | 16.29 | 16.13 | | |
| 3 | 16QAM | 8 | 7 | 16.21 | 16.29 | 16.25 | | |
| 3 | 16QAM | 15 | 0 | 16.20 | 16.41 | 16.03 | | |
| 3 | 64QAM | 1 | 0 | 16.22 | 16.16 | 16.26 | 17.9 | 0 |
| 3 | 64QAM | 1 | 8 | 16.25 | 16.47 | 16.36 | | |
| 3 | 64QAM | 1 | 14 | 16.51 | 16.39 | 16.19 | | |
| 3 | 64QAM | 8 | 0 | 16.36 | 16.38 | 16.15 | 17.9 | 0 |
| 3 | 64QAM | 8 | 4 | 16.33 | 16.21 | 16.25 | | |
| 3 | 64QAM | 8 | 7 | 16.32 | 16.35 | 16.37 | | |
| 3 | 64QAM | 15 | 0 | 16.39 | 16.27 | 16.08 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.32 | 16.49 | 16.43 | 17.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.51 | 16.43 | 16.37 | | |
| 1.4 | QPSK | 1 | 5 | 16.42 | 16.36 | 16.47 | | |
| 1.4 | QPSK | 3 | 0 | 16.24 | 16.40 | 16.19 | | |
| 1.4 | QPSK | 3 | 1 | 16.17 | 16.32 | 16.12 | | |
| 1.4 | QPSK | 3 | 3 | 16.24 | 16.21 | 16.13 | | |
| 1.4 | QPSK | 6 | 0 | 16.14 | 16.34 | 16.13 | 17.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.25 | 16.31 | 16.40 | 17.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.45 | 16.37 | 16.25 | | |
| 1.4 | 16QAM | 1 | 5 | 16.50 | 16.33 | 16.25 | | |
| 1.4 | 16QAM | 3 | 0 | 16.34 | 16.34 | 16.25 | | |
| 1.4 | 16QAM | 3 | 1 | 16.19 | 16.32 | 16.15 | | |
| 1.4 | 16QAM | 3 | 3 | 16.22 | 16.25 | 16.21 | | |
| 1.4 | 16QAM | 6 | 0 | 16.24 | 16.34 | 16.10 | 17.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.25 | 16.26 | 16.36 | 17.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.33 | 16.43 | 16.35 | | |
| 1.4 | 64QAM | 1 | 5 | 16.43 | 16.47 | 16.25 | | |
| 1.4 | 64QAM | 3 | 0 | 16.31 | 16.32 | 16.19 | | |
| 1.4 | 64QAM | 3 | 1 | 16.34 | 16.26 | 16.33 | | |
| 1.4 | 64QAM | 3 | 3 | 16.29 | 16.31 | 16.30 | | |
| 1.4 | 64QAM | 6 | 0 | 16.36 | 16.23 | 16.08 | 17.9 | 0 |

## Band 7 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 12.16 | 12.33 | 12.16 | 13.4 | 0 |
| 20 | QPSK | 1 | 49 | 12.05 | 11.96 | 11.93 | | |
| 20 | QPSK | 1 | 99 | 12.19 | 12.17 | 12.02 | | |
| 20 | QPSK | 50 | 0 | 12.04 | 12.17 | 12.00 | 13.4 | 0 |
| 20 | QPSK | 50 | 24 | 12.00 | 12.05 | 11.93 | | |
| 20 | QPSK | 50 | 50 | 12.02 | 12.07 | 11.95 | | |
| 20 | QPSK | 100 | 0 | 11.90 | 12.06 | 11.96 | | |
| 20 | 16QAM | 1 | 0 | 12.06 | 12.04 | 12.14 | 13.4 | 0 |
| 20 | 16QAM | 1 | 49 | 12.26 | 12.17 | 12.04 | | |
| 20 | 16QAM | 1 | 99 | 12.26 | 12.16 | 12.13 | | |
| 20 | 16QAM | 50 | 0 | 12.04 | 12.07 | 12.06 | 13.4 | 0 |
| 20 | 16QAM | 50 | 24 | 11.98 | 12.02 | 11.95 | | |
| 20 | 16QAM | 50 | 50 | 12.03 | 12.11 | 12.05 | | |
| 20 | 16QAM | 100 | 0 | 12.02 | 12.12 | 11.85 | | |
| 20 | 64QAM | 1 | 0 | 12.04 | 12.05 | 12.08 | 13.4 | 0 |
| 20 | 64QAM | 1 | 49 | 12.05 | 12.21 | 12.18 | | |
| 20 | 64QAM | 1 | 99 | 12.20 | 12.18 | 11.92 | | |
| 20 | 64QAM | 50 | 0 | 12.12 | 12.16 | 11.99 | 13.4 | 0 |
| 20 | 64QAM | 50 | 24 | 12.09 | 12.01 | 12.06 | | |
| 20 | 64QAM | 50 | 50 | 12.16 | 12.09 | 12.08 | | |
| 20 | 64QAM | 100 | 0 | 12.20 | 12.10 | 11.86 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 12.09 | 12.20 | 12.12 | 13.4 | 0 |
| 15 | QPSK | 1 | 37 | 11.98 | 11.84 | 11.89 | | |
| 15 | QPSK | 1 | 74 | 12.10 | 12.12 | 11.89 | | |
| 15 | QPSK | 36 | 0 | 11.96 | 12.11 | 11.88 | 13.4 | 0 |
| 15 | QPSK | 36 | 20 | 11.87 | 11.98 | 11.89 | | |
| 15 | QPSK | 36 | 39 | 11.97 | 11.99 | 11.88 | | |
| 15 | QPSK | 75 | 0 | 11.83 | 11.93 | 11.83 | | |
| 15 | 16QAM | 1 | 0 | 12.03 | 11.98 | 12.01 | 13.4 | 0 |
| 15 | 16QAM | 1 | 37 | 12.28 | 12.12 | 11.93 | | |
| 15 | 16QAM | 1 | 74 | 12.19 | 12.09 | 12.10 | | |
| 15 | 16QAM | 36 | 0 | 12.00 | 11.97 | 11.97 | 13.4 | 0 |
| 15 | 16QAM | 36 | 20 | 11.84 | 11.90 | 11.82 | | |
| 15 | 16QAM | 36 | 39 | 11.91 | 12.04 | 11.93 | | |
| 15 | 16QAM | 75 | 0 | 11.92 | 12.02 | 11.77 | | |
| 15 | 64QAM | 1 | 0 | 11.96 | 11.99 | 12.00 | 13.4 | 0 |
| 15 | 64QAM | 1 | 37 | 11.91 | 12.14 | 12.08 | | |
| 15 | 64QAM | 1 | 74 | 12.10 | 12.07 | 11.80 | | |
| 15 | 64QAM | 36 | 0 | 12.06 | 12.10 | 11.90 | 13.4 | 0 |
| 15 | 64QAM | 36 | 20 | 11.99 | 11.86 | 11.99 | | |
| 15 | 64QAM | 36 | 39 | 12.03 | 11.97 | 12.02 | | |
| 15 | 64QAM | 75 | 0 | 12.12 | 11.98 | 11.80 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 12.07 | 12.12 | 12.10 | 13.4 | 0 |
| 10 | QPSK | 1 | 25 | 11.91 | 11.81 | 11.83 | | |
| 10 | QPSK | 1 | 49 | 12.12 | 12.13 | 11.87 | | |
| 10 | QPSK | 25 | 0 | 11.97 | 12.07 | 11.95 | 13.4 | 0 |
| 10 | QPSK | 25 | 12 | 11.88 | 11.96 | 11.86 | | |
| 10 | QPSK | 25 | 25 | 11.95 | 12.03 | 11.80 | | |
| 10 | QPSK | 50 | 0 | 11.77 | 12.00 | 11.89 | | |
| 10 | 16QAM | 1 | 0 | 11.98 | 12.00 | 11.99 | 13.4 | 0 |
| 10 | 16QAM | 1 | 25 | 12.27 | 12.08 | 11.96 | | |
| 10 | 16QAM | 1 | 49 | 12.15 | 12.05 | 12.08 | | |
| 10 | 16QAM | 25 | 0 | 11.94 | 11.96 | 11.95 | 13.4 | 0 |
| 10 | 16QAM | 25 | 12 | 11.86 | 11.94 | 11.82 | | |
| 10 | 16QAM | 25 | 25 | 11.95 | 11.97 | 12.01 | | |
| 10 | 16QAM | 50 | 0 | 11.91 | 11.99 | 11.74 | | |
| 10 | 64QAM | 1 | 0 | 12.00 | 11.90 | 11.98 | 13.4 | 0 |
| 10 | 64QAM | 1 | 25 | 11.94 | 12.10 | 12.12 | | |
| 10 | 64QAM | 1 | 49 | 12.12 | 12.10 | 11.84 | | |
| 10 | 64QAM | 25 | 0 | 11.99 | 12.05 | 11.90 | 13.4 | 0 |
| 10 | 64QAM | 25 | 12 | 11.95 | 11.90 | 12.01 | | |
| 10 | 64QAM | 25 | 25 | 12.04 | 11.97 | 12.00 | | |
| 10 | 64QAM | 50 | 0 | 12.13 | 12.00 | 11.82 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 12.10 | 12.16 | 12.09 | 13.4 | 0 |
| 5 | QPSK | 1 | 12 | 11.92 | 11.87 | 11.80 | | |
| 5 | QPSK | 1 | 24 | 12.09 | 12.03 | 11.88 | | |
| 5 | QPSK | 12 | 0 | 11.92 | 12.02 | 11.88 | 13.4 | 0 |
| 5 | QPSK | 12 | 7 | 11.92 | 11.91 | 11.84 | | |
| 5 | QPSK | 12 | 13 | 11.92 | 12.01 | 11.92 | | |
| 5 | QPSK | 25 | 0 | 11.80 | 11.99 | 11.84 | | |
| 5 | 16QAM | 1 | 0 | 11.99 | 11.98 | 12.03 | 13.4 | 0 |
| 5 | 16QAM | 1 | 12 | 12.28 | 12.05 | 12.00 | | |
| 5 | 16QAM | 1 | 24 | 12.13 | 12.04 | 12.01 | | |
| 5 | 16QAM | 12 | 0 | 12.00 | 11.94 | 11.97 | 13.4 | 0 |
| 5 | 16QAM | 12 | 7 | 11.92 | 11.94 | 11.89 | | |
| 5 | 16QAM | 12 | 13 | 11.89 | 12.01 | 11.96 | | |
| 5 | 16QAM | 25 | 0 | 11.96 | 12.02 | 11.73 | | |
| 5 | 64QAM | 1 | 0 | 11.94 | 11.96 | 11.99 | 13.4 | 0 |
| 5 | 64QAM | 1 | 12 | 12.00 | 12.07 | 12.08 | | |
| 5 | 64QAM | 1 | 24 | 12.15 | 12.04 | 11.87 | | |
| 5 | 64QAM | 12 | 0 | 11.99 | 12.04 | 11.85 | 13.4 | 0 |
| 5 | 64QAM | 12 | 7 | 11.96 | 11.93 | 12.01 | | |
| 5 | 64QAM | 12 | 13 | 12.06 | 12.02 | 12.00 | | |
| 5 | 64QAM | 25 | 0 | 12.15 | 12.04 | 11.73 | | |

## Band 25 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 13.78 | 13.89 | 13.76 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.70 | 13.57 | 13.54 | | |
| 20 | QPSK | 1 | 99 | 13.74 | 13.72 | 13.66 | | |
| 20 | QPSK | 50 | 0 | 13.69 | 13.76 | 13.64 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.59 | 13.64 | 13.54 | | |
| 20 | QPSK | 50 | 50 | 13.58 | 13.67 | 13.59 | | |
| 20 | QPSK | 100 | 0 | 13.51 | 13.63 | 13.59 | | |
| 20 | 16QAM | 1 | 0 | 13.65 | 13.67 | 13.69 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.69 | 13.72 | 13.65 | | |
| 20 | 16QAM | 1 | 99 | 13.83 | 13.76 | 13.73 | | |
| 20 | 16QAM | 50 | 0 | 13.57 | 13.62 | 13.64 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.58 | 13.67 | 13.53 | | |
| 20 | 16QAM | 50 | 50 | 13.67 | 13.72 | 13.67 | | |
| 20 | 16QAM | 100 | 0 | 13.55 | 13.67 | 13.50 | | |
| 20 | 64QAM | 1 | 0 | 13.66 | 13.65 | 13.65 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.68 | 13.83 | 13.71 | | |
| 20 | 64QAM | 1 | 99 | 13.78 | 13.74 | 13.54 | | |
| 20 | 64QAM | 50 | 0 | 13.72 | 13.73 | 13.58 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.72 | 13.62 | 13.60 | | |
| 20 | 64QAM | 50 | 50 | 13.71 | 13.65 | 13.66 | | |
| 20 | 64QAM | 100 | 0 | 13.83 | 13.74 | 13.50 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 13.69 | 13.74 | 13.70 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.65 | 13.42 | 13.44 | | |
| 15 | QPSK | 1 | 74 | 13.66 | 13.57 | 13.60 | | |
| 15 | QPSK | 36 | 0 | 13.61 | 13.62 | 13.56 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.46 | 13.61 | 13.43 | | |
| 15 | QPSK | 36 | 39 | 13.55 | 13.56 | 13.45 | | |
| 15 | QPSK | 75 | 0 | 13.47 | 13.59 | 13.55 | | |
| 15 | 16QAM | 1 | 0 | 13.56 | 13.53 | 13.55 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.77 | 13.58 | 13.51 | | |
| 15 | 16QAM | 1 | 74 | 13.72 | 13.69 | 13.59 | | |
| 15 | 16QAM | 36 | 0 | 13.53 | 13.51 | 13.57 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.50 | 13.54 | 13.46 | | |
| 15 | 16QAM | 36 | 39 | 13.58 | 13.65 | 13.60 | | |
| 15 | 16QAM | 75 | 0 | 13.42 | 13.61 | 13.40 | | |
| 15 | 64QAM | 1 | 0 | 13.57 | 13.58 | 13.61 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.60 | 13.73 | 13.65 | | |
| 15 | 64QAM | 1 | 74 | 13.68 | 13.61 | 13.50 | | |
| 15 | 64QAM | 36 | 0 | 13.60 | 13.68 | 13.46 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.68 | 13.53 | 13.55 | | |
| 15 | 64QAM | 36 | 39 | 13.64 | 13.55 | 13.54 | | |
| 15 | 64QAM | 75 | 0 | 13.76 | 13.63 | 13.37 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 13.69 | 13.78 | 13.69 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.57 | 13.54 | 13.45 | | |
| 10 | QPSK | 1 | 49 | 13.68 | 13.58 | 13.61 | | |
| 10 | QPSK | 25 | 0 | 13.64 | 13.66 | 13.50 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.54 | 13.55 | 13.40 | | |
| 10 | QPSK | 25 | 25 | 13.45 | 13.63 | 13.48 | | |
| 10 | QPSK | 50 | 0 | 13.39 | 13.55 | 13.46 | | |
| 10 | 16QAM | 1 | 0 | 13.58 | 13.56 | 13.65 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.82 | 13.58 | 13.57 | | |
| 10 | 16QAM | 1 | 49 | 13.68 | 13.64 | 13.62 | | |
| 10 | 16QAM | 25 | 0 | 13.49 | 13.57 | 13.51 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.53 | 13.58 | 13.48 | | |
| 10 | 16QAM | 25 | 25 | 13.63 | 13.63 | 13.62 | | |
| 10 | 16QAM | 50 | 0 | 13.45 | 13.56 | 13.38 | | |
| 10 | 64QAM | 1 | 0 | 13.53 | 13.56 | 13.56 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.62 | 13.74 | 13.64 | | |
| 10 | 64QAM | 1 | 49 | 13.67 | 13.64 | 13.42 | | |
| 10 | 64QAM | 25 | 0 | 13.66 | 13.61 | 13.55 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.63 | 13.49 | 13.56 | | |
| 10 | 64QAM | 25 | 25 | 13.66 | 13.51 | 13.51 | | |
| 10 | 64QAM | 50 | 0 | 13.77 | 13.68 | 13.43 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 13.66 | 13.68 | 13.63 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.55 | 13.46 | 13.45 | | |
| 5 | QPSK | 1 | 24 | 13.60 | 13.58 | 13.53 | | |
| 5 | QPSK | 12 | 0 | 13.59 | 13.61 | 13.61 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.44 | 13.54 | 13.48 | | |
| 5 | QPSK | 12 | 13 | 13.54 | 13.60 | 13.49 | | |
| 5 | QPSK | 25 | 0 | 13.46 | 13.57 | 13.47 | | |
| 5 | 16QAM | 1 | 0 | 13.55 | 13.56 | 13.65 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.82 | 13.67 | 13.55 | | |
| 5 | 16QAM | 1 | 24 | 13.72 | 13.69 | 13.67 | | |
| 5 | 16QAM | 12 | 0 | 13.47 | 13.53 | 13.52 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.48 | 13.56 | 13.49 | | |
| 5 | 16QAM | 12 | 13 | 13.63 | 13.62 | 13.64 | | |
| 5 | 16QAM | 25 | 0 | 13.48 | 13.56 | 13.47 | | |
| 5 | 64QAM | 1 | 0 | 13.60 | 13.61 | 13.62 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.62 | 13.71 | 13.57 | | |
| 5 | 64QAM | 1 | 24 | 13.71 | 13.69 | 13.46 | | |
| 5 | 64QAM | 12 | 0 | 13.59 | 13.63 | 13.50 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.60 | 13.55 | 13.46 | | |
| 5 | 64QAM | 12 | 13 | 13.61 | 13.56 | 13.56 | | |
| 5 | 64QAM | 25 | 0 | 13.74 | 13.64 | 13.42 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 13.67 | 13.73 | 13.65 | 14.9 | 0 |
| 3 | QPSK | 1 | 8 | 13.59 | 13.53 | 13.44 | | |
| 3 | QPSK | 1 | 14 | 13.67 | 13.67 | 13.63 | | |
| 3 | QPSK | 8 | 0 | 13.63 | 13.73 | 13.53 | 14.9 | 0 |
| 3 | QPSK | 8 | 4 | 13.54 | 13.58 | 13.47 | | |
| 3 | QPSK | 8 | 7 | 13.48 | 13.60 | 13.54 | | |
| 3 | QPSK | 15 | 0 | 13.43 | 13.60 | 13.46 | | |
| 3 | 16QAM | 1 | 0 | 13.60 | 13.57 | 13.56 | 14.9 | 0 |
| 3 | 16QAM | 1 | 8 | 13.75 | 13.60 | 13.56 | | |
| 3 | 16QAM | 1 | 14 | 13.73 | 13.66 | 13.64 | | |
| 3 | 16QAM | 8 | 0 | 13.44 | 13.51 | 13.51 | 14.9 | 0 |
| 3 | 16QAM | 8 | 4 | 13.45 | 13.59 | 13.44 | | |
| 3 | 16QAM | 8 | 7 | 13.52 | 13.69 | 13.58 | | |
| 3 | 16QAM | 15 | 0 | 13.41 | 13.55 | 13.38 | | |
| 3 | 64QAM | 1 | 0 | 13.59 | 13.59 | 13.57 | 14.9 | 0 |
| 3 | 64QAM | 1 | 8 | 13.57 | 13.75 | 13.59 | | |
| 3 | 64QAM | 1 | 14 | 13.66 | 13.69 | 13.51 | | |
| 3 | 64QAM | 8 | 0 | 13.69 | 13.59 | 13.49 | 14.9 | 0 |
| 3 | 64QAM | 8 | 4 | 13.64 | 13.49 | 13.46 | | |
| 3 | 64QAM | 8 | 7 | 13.63 | 13.57 | 13.62 | | |
| 3 | 64QAM | 15 | 0 | 13.78 | 13.65 | 13.45 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 13.72 | 13.76 | 13.62 | 14.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 13.57 | 13.51 | 13.50 | | |
| 1.4 | QPSK | 1 | 5 | 13.59 | 13.60 | 13.55 | | |
| 1.4 | QPSK | 3 | 0 | 13.56 | 13.67 | 13.52 | | |
| 1.4 | QPSK | 3 | 1 | 13.48 | 13.51 | 13.51 | | |
| 1.4 | QPSK | 3 | 3 | 13.53 | 13.60 | 13.50 | | |
| 1.4 | QPSK | 6 | 0 | 13.47 | 13.49 | 13.48 | 14.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 13.56 | 13.61 | 13.64 | 14.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 13.84 | 13.60 | 13.53 | | |
| 1.4 | 16QAM | 1 | 5 | 13.72 | 13.69 | 13.66 | | |
| 1.4 | 16QAM | 3 | 0 | 13.53 | 13.57 | 13.49 | | |
| 1.4 | 16QAM | 3 | 1 | 13.50 | 13.62 | 13.41 | | |
| 1.4 | 16QAM | 3 | 3 | 13.58 | 13.62 | 13.53 | | |
| 1.4 | 16QAM | 6 | 0 | 13.46 | 13.60 | 13.44 | 14.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 13.61 | 13.51 | 13.59 | 14.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 13.62 | 13.72 | 13.65 | | |
| 1.4 | 64QAM | 1 | 5 | 13.66 | 13.66 | 13.43 | | |
| 1.4 | 64QAM | 3 | 0 | 13.62 | 13.62 | 13.47 | | |
| 1.4 | 64QAM | 3 | 1 | 13.61 | 13.55 | 13.56 | | |
| 1.4 | 64QAM | 3 | 3 | 13.64 | 13.55 | 13.57 | | |
| 1.4 | 64QAM | 6 | 0 | 13.70 | 13.61 | 13.38 | 14.9 | 0 |

## Band 66 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 16.84 | 16.85 | 16.74 | 17.9 | 0 |
| 20 | QPSK | 1 | 49 | 16.67 | 16.61 | 16.55 | | |
| 20 | QPSK | 1 | 99 | 16.69 | 16.65 | 16.62 | | |
| 20 | QPSK | 50 | 0 | 16.73 | 16.76 | 16.66 | 17.9 | 0 |
| 20 | QPSK | 50 | 24 | 16.60 | 16.63 | 16.47 | | |
| 20 | QPSK | 50 | 50 | 16.62 | 16.74 | 16.60 | | |
| 20 | QPSK | 100 | 0 | 16.62 | 16.70 | 16.59 | | |
| 20 | 16QAM | 1 | 0 | 16.60 | 16.58 | 16.44 | 17.9 | 0 |
| 20 | 16QAM | 1 | 49 | 16.73 | 16.75 | 16.69 | | |
| 20 | 16QAM | 1 | 99 | 16.78 | 16.75 | 16.71 | | |
| 20 | 16QAM | 50 | 0 | 16.59 | 16.59 | 16.58 | 17.9 | 0 |
| 20 | 16QAM | 50 | 24 | 16.61 | 16.68 | 16.57 | | |
| 20 | 16QAM | 50 | 50 | 16.67 | 16.70 | 16.66 | | |
| 20 | 16QAM | 100 | 0 | 16.58 | 16.70 | 16.54 | | |
| 20 | 64QAM | 1 | 0 | 16.64 | 16.60 | 16.60 | 17.9 | 0 |
| 20 | 64QAM | 1 | 49 | 16.70 | 16.82 | 16.68 | | |
| 20 | 64QAM | 1 | 99 | 16.76 | 16.70 | 16.56 | | |
| 20 | 64QAM | 50 | 0 | 16.69 | 16.69 | 16.54 | 17.9 | 0 |
| 20 | 64QAM | 50 | 24 | 16.76 | 16.65 | 16.64 | | |
| 20 | 64QAM | 50 | 50 | 16.64 | 16.61 | 16.67 | | |
| 20 | 64QAM | 100 | 0 | 16.81 | 16.71 | 16.51 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 16.73 | 16.78 | 16.69 | 17.9 | 0 |
| 15 | QPSK | 1 | 37 | 16.56 | 16.55 | 16.44 | | |
| 15 | QPSK | 1 | 74 | 16.61 | 16.54 | 16.58 | | |
| 15 | QPSK | 36 | 0 | 16.70 | 16.67 | 16.55 | 17.9 | 0 |
| 15 | QPSK | 36 | 20 | 16.53 | 16.48 | 16.34 | | |
| 15 | QPSK | 36 | 39 | 16.54 | 16.68 | 16.46 | | |
| 15 | QPSK | 75 | 0 | 16.48 | 16.56 | 16.52 | | |
| 15 | 16QAM | 1 | 0 | 16.55 | 16.48 | 16.30 | 17.9 | 0 |
| 15 | 16QAM | 1 | 37 | 16.75 | 16.71 | 16.60 | | |
| 15 | 16QAM | 1 | 74 | 16.67 | 16.62 | 16.67 | | |
| 15 | 16QAM | 36 | 0 | 16.50 | 16.45 | 16.44 | 17.9 | 0 |
| 15 | 16QAM | 36 | 20 | 16.56 | 16.56 | 16.49 | | |
| 15 | 16QAM | 36 | 39 | 16.56 | 16.62 | 16.55 | | |
| 15 | 16QAM | 75 | 0 | 16.47 | 16.65 | 16.47 | | |
| 15 | 64QAM | 1 | 0 | 16.57 | 16.57 | 16.54 | 17.9 | 0 |
| 15 | 64QAM | 1 | 37 | 16.55 | 16.77 | 16.53 | | |
| 15 | 64QAM | 1 | 74 | 16.67 | 16.63 | 16.48 | | |
| 15 | 64QAM | 36 | 0 | 16.62 | 16.64 | 16.42 | 17.9 | 0 |
| 15 | 64QAM | 36 | 20 | 16.72 | 16.59 | 16.57 | | |
| 15 | 64QAM | 36 | 39 | 16.58 | 16.52 | 16.53 | | |
| 15 | 64QAM | 75 | 0 | 16.74 | 16.65 | 16.39 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 16.79 | 16.74 | 16.69 | 17.9 | 0 |
| 10 | QPSK | 1 | 25 | 16.63 | 16.53 | 16.52 | | |
| 10 | QPSK | 1 | 49 | 16.65 | 16.52 | 16.57 | | |
| 10 | QPSK | 25 | 0 | 16.62 | 16.63 | 16.56 | 17.9 | 0 |
| 10 | QPSK | 25 | 12 | 16.47 | 16.55 | 16.41 | | |
| 10 | QPSK | 25 | 25 | 16.53 | 16.61 | 16.48 | | |
| 10 | QPSK | 50 | 0 | 16.59 | 16.67 | 16.55 | | |
| 10 | 16QAM | 1 | 0 | 16.47 | 16.46 | 16.33 | 17.9 | 0 |
| 10 | 16QAM | 1 | 25 | 16.71 | 16.72 | 16.56 | | |
| 10 | 16QAM | 1 | 49 | 16.66 | 16.68 | 16.65 | | |
| 10 | 16QAM | 25 | 0 | 16.54 | 16.53 | 16.46 | 17.9 | 0 |
| 10 | 16QAM | 25 | 12 | 16.57 | 16.65 | 16.54 | | |
| 10 | 16QAM | 25 | 25 | 16.61 | 16.64 | 16.55 | | |
| 10 | 16QAM | 50 | 0 | 16.54 | 16.57 | 16.43 | | |
| 10 | 64QAM | 1 | 0 | 16.54 | 16.50 | 16.55 | 17.9 | 0 |
| 10 | 64QAM | 1 | 25 | 16.58 | 16.69 | 16.58 | | |
| 10 | 64QAM | 1 | 49 | 16.68 | 16.64 | 16.45 | | |
| 10 | 64QAM | 25 | 0 | 16.65 | 16.57 | 16.41 | 17.9 | 0 |
| 10 | 64QAM | 25 | 12 | 16.68 | 16.56 | 16.54 | | |
| 10 | 64QAM | 25 | 25 | 16.56 | 16.47 | 16.52 | | |
| 10 | 64QAM | 50 | 0 | 16.68 | 16.61 | 16.38 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 16.74 | 16.79 | 16.67 | 17.9 | 0 |
| 5 | QPSK | 1 | 12 | 16.55 | 16.58 | 16.42 | | |
| 5 | QPSK | 1 | 24 | 16.57 | 16.52 | 16.49 | | |
| 5 | QPSK | 12 | 0 | 16.62 | 16.68 | 16.56 | 17.9 | 0 |
| 5 | QPSK | 12 | 7 | 16.55 | 16.59 | 16.44 | | |
| 5 | QPSK | 12 | 13 | 16.51 | 16.65 | 16.55 | | |
| 5 | QPSK | 25 | 0 | 16.57 | 16.63 | 16.46 | | |
| 5 | 16QAM | 1 | 0 | 16.56 | 16.54 | 16.39 | 17.9 | 0 |
| 5 | 16QAM | 1 | 12 | 16.77 | 16.68 | 16.63 | | |
| 5 | 16QAM | 1 | 24 | 16.70 | 16.61 | 16.65 | | |
| 5 | 16QAM | 12 | 0 | 16.55 | 16.44 | 16.47 | 17.9 | 0 |
| 5 | 16QAM | 12 | 7 | 16.47 | 16.64 | 16.53 | | |
| 5 | 16QAM | 12 | 13 | 16.63 | 16.65 | 16.52 | | |
| 5 | 16QAM | 25 | 0 | 16.51 | 16.67 | 16.44 | | |
| 5 | 64QAM | 1 | 0 | 16.56 | 16.56 | 16.48 | 17.9 | 0 |
| 5 | 64QAM | 1 | 12 | 16.59 | 16.74 | 16.63 | | |
| 5 | 64QAM | 1 | 24 | 16.70 | 16.64 | 16.52 | | |
| 5 | 64QAM | 12 | 0 | 16.66 | 16.54 | 16.50 | 17.9 | 0 |
| 5 | 64QAM | 12 | 7 | 16.66 | 16.56 | 16.51 | | |
| 5 | 64QAM | 12 | 13 | 16.50 | 16.46 | 16.60 | | |
| 5 | 64QAM | 25 | 0 | 16.68 | 16.60 | 16.40 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 16.79 | 16.72 | 16.69 | 17.9 | 0 |
| 3 | QPSK | 1 | 8 | 16.53 | 16.51 | 16.52 | | |
| 3 | QPSK | 1 | 14 | 16.63 | 16.53 | 16.53 | | |
| 3 | QPSK | 8 | 0 | 16.62 | 16.64 | 16.55 | 17.9 | 0 |
| 3 | QPSK | 8 | 4 | 16.52 | 16.59 | 16.42 | | |
| 3 | QPSK | 8 | 7 | 16.50 | 16.61 | 16.49 | | |
| 3 | QPSK | 15 | 0 | 16.48 | 16.56 | 16.44 | | |
| 3 | 16QAM | 1 | 0 | 16.57 | 16.52 | 16.30 | 17.9 | 0 |
| 3 | 16QAM | 1 | 8 | 16.74 | 16.60 | 16.63 | | |
| 3 | 16QAM | 1 | 14 | 16.66 | 16.69 | 16.64 | | |
| 3 | 16QAM | 8 | 0 | 16.56 | 16.54 | 16.53 | 17.9 | 0 |
| 3 | 16QAM | 8 | 4 | 16.56 | 16.60 | 16.44 | | |
| 3 | 16QAM | 8 | 7 | 16.56 | 16.62 | 16.62 | | |
| 3 | 16QAM | 15 | 0 | 16.47 | 16.60 | 16.41 | | |
| 3 | 64QAM | 1 | 0 | 16.60 | 16.51 | 16.51 | 17.9 | 0 |
| 3 | 64QAM | 1 | 8 | 16.57 | 16.69 | 16.62 | | |
| 3 | 64QAM | 1 | 14 | 16.65 | 16.55 | 16.46 | | |
| 3 | 64QAM | 8 | 0 | 16.58 | 16.65 | 16.40 | 17.9 | 0 |
| 3 | 64QAM | 8 | 4 | 16.63 | 16.59 | 16.52 | | |
| 3 | 64QAM | 8 | 7 | 16.52 | 16.48 | 16.59 | | |
| 3 | 64QAM | 15 | 0 | 16.69 | 16.65 | 16.41 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.75 | 16.80 | 16.65 | 17.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.60 | 16.48 | 16.48 | | |
| 1.4 | QPSK | 1 | 5 | 16.63 | 16.58 | 16.48 | | |
| 1.4 | QPSK | 3 | 0 | 16.67 | 16.66 | 16.51 | | |
| 1.4 | QPSK | 3 | 1 | 16.53 | 16.48 | 16.41 | | |
| 1.4 | QPSK | 3 | 3 | 16.59 | 16.61 | 16.51 | | |
| 1.4 | QPSK | 6 | 0 | 16.59 | 16.67 | 16.52 | 17.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.47 | 16.53 | 16.31 | 17.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.77 | 16.61 | 16.65 | | |
| 1.4 | 16QAM | 1 | 5 | 16.68 | 16.62 | 16.66 | | |
| 1.4 | 16QAM | 3 | 0 | 16.56 | 16.50 | 16.50 | | |
| 1.4 | 16QAM | 3 | 1 | 16.53 | 16.59 | 16.45 | | |
| 1.4 | 16QAM | 3 | 3 | 16.52 | 16.58 | 16.57 | | |
| 1.4 | 16QAM | 6 | 0 | 16.46 | 16.55 | 16.50 | 17.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.55 | 16.51 | 16.51 | 17.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.61 | 16.74 | 16.65 | | |
| 1.4 | 64QAM | 1 | 5 | 16.63 | 16.60 | 16.51 | | |
| 1.4 | 64QAM | 3 | 0 | 16.65 | 16.59 | 16.46 | | |
| 1.4 | 64QAM | 3 | 1 | 16.63 | 16.52 | 16.50 | | |
| 1.4 | 64QAM | 3 | 3 | 16.52 | 16.53 | 16.55 | | |
| 1.4 | 64QAM | 6 | 0 | 16.69 | 16.58 | 16.39 | 17.9 | 0 |

## Band 38 Ant 6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 14.38 | 14.58 | 14.53 | 15.6 | 0 |
| 20 | QPSK | 1 | 49 | 14.43 | 14.27 | 14.42 | | |
| 20 | QPSK | 1 | 99 | 14.47 | 14.40 | 14.34 | | |
| 20 | QPSK | 50 | 0 | 14.43 | 14.53 | 14.44 | 15.6 | 0 |
| 20 | QPSK | 50 | 24 | 14.37 | 14.24 | 14.36 | | |
| 20 | QPSK | 50 | 50 | 14.23 | 14.38 | 14.27 | | |
| 20 | QPSK | 100 | 0 | 14.35 | 14.47 | 14.41 | | |
| 20 | 16QAM | 1 | 0 | 14.48 | 14.28 | 14.34 | 15.6 | 0 |
| 20 | 16QAM | 1 | 49 | 14.46 | 14.34 | 14.52 | | |
| 20 | 16QAM | 1 | 99 | 14.42 | 14.23 | 14.29 | | |
| 20 | 16QAM | 50 | 0 | 14.35 | 14.24 | 14.23 | 15.6 | 0 |
| 20 | 16QAM | 50 | 24 | 14.14 | 14.20 | 14.24 | | |
| 20 | 16QAM | 50 | 50 | 14.24 | 14.34 | 14.23 | | |
| 20 | 16QAM | 100 | 0 | 14.18 | 14.26 | 14.11 | | |
| 20 | 64QAM | 1 | 0 | 14.22 | 14.44 | 14.45 | 15.6 | 0 |
| 20 | 64QAM | 1 | 49 | 14.30 | 14.44 | 14.39 | | |
| 20 | 64QAM | 1 | 99 | 14.46 | 14.54 | 14.46 | | |
| 20 | 64QAM | 50 | 0 | 14.41 | 14.28 | 14.35 | 15.6 | 0 |
| 20 | 64QAM | 50 | 24 | 14.49 | 14.44 | 14.44 | | |
| 20 | 64QAM | 50 | 50 | 14.18 | 14.49 | 14.14 | | |
| 20 | 64QAM | 100 | 0 | 14.42 | 14.28 | 14.35 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 14.25 | 14.50 | 14.47 | 15.6 | 0 |
| 15 | QPSK | 1 | 37 | 14.32 | 14.23 | 14.29 | | |
| 15 | QPSK | 1 | 74 | 14.39 | 14.32 | 14.20 | | |
| 15 | QPSK | 36 | 0 | 14.29 | 14.41 | 14.36 | 15.6 | 0 |
| 15 | QPSK | 36 | 20 | 14.24 | 14.14 | 14.22 | | |
| 15 | QPSK | 36 | 39 | 14.14 | 14.25 | 14.16 | | |
| 15 | QPSK | 75 | 0 | 14.21 | 14.35 | 14.32 | | |
| 15 | 16QAM | 1 | 0 | 14.36 | 14.20 | 14.29 | 15.6 | 0 |
| 15 | 16QAM | 1 | 37 | 14.35 | 14.20 | 14.48 | | |
| 15 | 16QAM | 1 | 74 | 14.37 | 14.16 | 14.14 | | |
| 15 | 16QAM | 36 | 0 | 14.29 | 14.21 | 14.11 | 15.6 | 0 |
| 15 | 16QAM | 36 | 20 | 14.09 | 14.16 | 14.16 | | |
| 15 | 16QAM | 36 | 39 | 14.17 | 14.21 | 14.11 | | |
| 15 | 16QAM | 75 | 0 | 14.14 | 14.13 | 14.02 | | |
| 15 | 64QAM | 1 | 0 | 14.18 | 14.30 | 14.40 | 15.6 | 0 |
| 15 | 64QAM | 1 | 37 | 14.16 | 14.35 | 14.33 | | |
| 15 | 64QAM | 1 | 74 | 14.41 | 14.47 | 14.42 | | |
| 15 | 64QAM | 36 | 0 | 14.32 | 14.21 | 14.22 | 15.6 | 0 |
| 15 | 64QAM | 36 | 20 | 14.37 | 14.33 | 14.40 | | |
| 15 | 64QAM | 36 | 39 | 14.13 | 14.37 | 14.02 | | |
| 15 | 64QAM | 75 | 0 | 14.29 | 14.13 | 14.27 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 14.27 | 14.45 | 14.41 | 15.6 | 0 |
| 10 | QPSK | 1 | 25 | 14.30 | 14.14 | 14.32 | | |
| 10 | QPSK | 1 | 49 | 14.37 | 14.28 | 14.25 | | |
| 10 | QPSK | 25 | 0 | 14.31 | 14.41 | 14.32 | 15.6 | 0 |
| 10 | QPSK | 25 | 12 | 14.34 | 14.20 | 14.27 | | |
| 10 | QPSK | 25 | 25 | 14.12 | 14.34 | 14.23 | | |
| 10 | QPSK | 50 | 0 | 14.20 | 14.40 | 14.37 | | |
| 10 | 16QAM | 1 | 0 | 14.39 | 14.16 | 14.20 | 15.6 | 0 |
| 10 | 16QAM | 1 | 25 | 14.38 | 14.31 | 14.44 | | |
| 10 | 16QAM | 1 | 49 | 14.39 | 14.10 | 14.20 | | |
| 10 | 16QAM | 25 | 0 | 14.23 | 14.13 | 14.17 | 15.6 | 0 |
| 10 | 16QAM | 25 | 12 | 14.03 | 14.11 | 14.21 | | |
| 10 | 16QAM | 25 | 25 | 14.14 | 14.31 | 14.09 | | |
| 10 | 16QAM | 50 | 0 | 14.13 | 14.20 | 14.04 | | |
| 10 | 64QAM | 1 | 0 | 14.17 | 14.34 | 14.33 | 15.6 | 0 |
| 10 | 64QAM | 1 | 25 | 14.15 | 14.36 | 14.30 | | |
| 10 | 64QAM | 1 | 49 | 14.39 | 14.48 | 14.35 | | |
| 10 | 64QAM | 25 | 0 | 14.26 | 14.15 | 14.31 | 15.6 | 0 |
| 10 | 64QAM | 25 | 12 | 14.40 | 14.37 | 14.34 | | |
| 10 | 64QAM | 25 | 25 | 14.07 | 14.37 | 14.09 | | |
| 10 | 64QAM | 50 | 0 | 14.37 | 14.19 | 14.25 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 14.34 | 14.49 | 14.44 | 15.6 | 0 |
| 5 | QPSK | 1 | 12 | 14.38 | 14.14 | 14.32 | | |
| 5 | QPSK | 1 | 24 | 14.38 | 14.25 | 14.20 | | |
| 5 | QPSK | 12 | 0 | 14.31 | 14.45 | 14.31 | 15.6 | 0 |
| 5 | QPSK | 12 | 7 | 14.27 | 14.15 | 14.29 | | |
| 5 | QPSK | 12 | 13 | 14.10 | 14.24 | 14.15 | | |
| 5 | QPSK | 25 | 0 | 14.26 | 14.35 | 14.34 | | |
| 5 | 16QAM | 1 | 0 | 14.39 | 14.21 | 14.23 | 15.6 | 0 |
| 5 | 16QAM | 1 | 12 | 14.39 | 14.30 | 14.48 | | |
| 5 | 16QAM | 1 | 24 | 14.38 | 14.17 | 14.16 | | |
| 5 | 16QAM | 12 | 0 | 14.28 | 14.09 | 14.19 | 15.6 | 0 |
| 5 | 16QAM | 12 | 7 | 14.07 | 14.06 | 14.14 | | |
| 5 | 16QAM | 12 | 13 | 14.17 | 14.28 | 14.17 | | |
| 5 | 16QAM | 25 | 0 | 14.08 | 14.14 | 14.04 | | |
| 5 | 64QAM | 1 | 0 | 14.10 | 14.34 | 14.31 | 15.6 | 0 |
| 5 | 64QAM | 1 | 12 | 14.15 | 14.34 | 14.32 | | |
| 5 | 64QAM | 1 | 24 | 14.35 | 14.42 | 14.37 | | |
| 5 | 64QAM | 12 | 0 | 14.33 | 14.16 | 14.22 | 15.6 | 0 |
| 5 | 64QAM | 12 | 7 | 14.35 | 14.32 | 14.34 | | |
| 5 | 64QAM | 12 | 13 | 14.14 | 14.38 | 14.06 | | |
| 5 | 64QAM | 25 | 0 | 14.32 | 14.24 | 14.31 | | |

## Band 41 Ant 6 DSI7

| 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 | 14.56 | 14.44 | 14.66 | 14.59 | 14.47 | 15.6 | 0 |
| 20 | QPSK | 1 | 49 | 14.37 | 14.50 | 14.37 | 14.52 | 14.38 | | |
| 20 | QPSK | 1 | 99 | 14.51 | 14.52 | 14.46 | 14.41 | 14.53 | | |
| 20 | QPSK | 50 | 0 | 14.53 | 14.54 | 14.60 | 14.56 | 14.58 | 15.6 | 0 |
| 20 | QPSK | 50 | 24 | 14.35 | 14.45 | 14.32 | 14.41 | 14.41 | | |
| 20 | QPSK | 50 | 50 | 14.28 | 14.31 | 14.44 | 14.37 | 14.45 | | |
| 20 | QPSK | 100 | 0 | 14.46 | 14.40 | 14.54 | 14.53 | 14.43 | | |
| 20 | 16QAM | 1 | 0 | 14.42 | 14.51 | 14.42 | 14.40 | 14.39 | 15.6 | 0 |
| 20 | 16QAM | 1 | 49 | 14.53 | 14.50 | 14.40 | 14.61 | 14.56 | | |
| 20 | 16QAM | 1 | 99 | 14.39 | 14.46 | 14.32 | 14.36 | 14.53 | | |
| 20 | 16QAM | 50 | 0 | 14.48 | 14.39 | 14.35 | 14.33 | 14.42 | 15.6 | 0 |
| 20 | 16QAM | 50 | 24 | 14.39 | 14.26 | 14.31 | 14.36 | 14.29 | | |
| 20 | 16QAM | 50 | 50 | 14.37 | 14.30 | 14.40 | 14.27 | 14.34 | | |
| 20 | 16QAM | 100 | 0 | 14.38 | 14.27 | 14.38 | 14.24 | 14.29 | | |
| 20 | 64QAM | 1 | 0 | 14.34 | 14.32 | 14.54 | 14.49 | 14.36 | 15.6 | 0 |
| 20 | 64QAM | 1 | 49 | 14.54 | 14.43 | 14.48 | 14.53 | 14.57 | | |
| 20 | 64QAM | 1 | 99 | 14.63 | 14.58 | 14.59 | 14.60 | 14.56 | | |
| 20 | 64QAM | 50 | 0 | 14.58 | 14.54 | 14.35 | 14.48 | 14.50 | 15.6 | 0 |
| 20 | 64QAM | 50 | 24 | 14.54 | 14.62 | 14.53 | 14.55 | 14.53 | | |
| 20 | 64QAM | 50 | 50 | 14.31 | 14.32 | 14.54 | 14.26 | 14.29 | | |
| 20 | 64QAM | 100 | 0 | 14.47 | 14.53 | 14.32 | 14.48 | 14.31 | | |
| 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 | 14.46 | 14.37 | 14.60 | 14.56 | 14.43 | 15.60 | 0 |
| 15 | QPSK | 1 | 37 | 14.25 | 14.40 | 14.25 | 14.39 | 14.24 | | |
| 15 | QPSK | 1 | 74 | 14.46 | 14.38 | 14.31 | 14.26 | 14.40 | | |
| 15 | QPSK | 36 | 0 | 14.39 | 14.44 | 14.50 | 14.52 | 14.49 | 15.6 | 0 |
| 15 | QPSK | 36 | 20 | 14.23 | 14.30 | 14.25 | 14.32 | 14.36 | | |
| 15 | QPSK | 36 | 39 | 14.25 | 14.21 | 14.41 | 14.24 | 14.30 | | |
| 15 | QPSK | 75 | 0 | 14.42 | 14.27 | 14.40 | 14.44 | 14.36 | | |
| 15 | 16QAM | 1 | 0 | 14.30 | 14.36 | 14.36 | 14.29 | 14.28 | 15.6 | 0 |
| 15 | 16QAM | 1 | 37 | 14.50 | 14.41 | 14.31 | 14.57 | 14.41 | | |
| 15 | 16QAM | 1 | 74 | 14.25 | 14.33 | 14.20 | 14.28 | 14.43 | | |
| 15 | 16QAM | 36 | 0 | 14.38 | 14.34 | 14.30 | 14.24 | 14.34 | 15.6 | 0 |
| 15 | 16QAM | 36 | 20 | 14.29 | 14.13 | 14.20 | 14.28 | 14.17 | | |
| 15 | 16QAM | 36 | 39 | 14.25 | 14.25 | 14.31 | 14.16 | 14.21 | | |
| 15 | 16QAM | 75 | 0 | 14.34 | 14.21 | 14.29 | 14.18 | 14.19 | | |
| 15 | 64QAM | 1 | 0 | 14.29 | 14.23 | 14.46 | 14.37 | 14.23 | 15.6 | 0 |
| 15 | 64QAM | 1 | 37 | 14.49 | 14.33 | 14.33 | 14.40 | 14.52 | | |
| 15 | 64QAM | 1 | 74 | 14.51 | 14.46 | 14.46 | 14.53 | 14.45 | | |
| 15 | 64QAM | 36 | 0 | 14.52 | 14.49 | 14.27 | 14.41 | 14.35 | 15.6 | 0 |
| 15 | 64QAM | 36 | 20 | 14.42 | 14.47 | 14.39 | 14.49 | 14.40 | | |
| 15 | 64QAM | 36 | 39 | 14.18 | 14.21 | 14.42 | 14.11 | 14.14 | | |
| 15 | 64QAM | 75 | 0 | 14.35 | 14.45 | 14.29 | 14.34 | 14.24 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 14.47 | 14.40 | 14.54 | 14.47 | 14.33 | 15.60 | 0 |
| 10 | QPSK | 1 | 25 | 14.33 | 14.40 | 14.27 | 14.44 | 14.29 | | |
| 10 | QPSK | 1 | 49 | 14.43 | 14.49 | 14.37 | 14.35 | 14.44 | | |
| 10 | QPSK | 25 | 0 | 14.42 | 14.42 | 14.47 | 14.49 | 14.52 | 15.6 | 0 |
| 10 | QPSK | 25 | 12 | 14.29 | 14.31 | 14.26 | 14.28 | 14.36 | | |
| 10 | QPSK | 25 | 25 | 14.23 | 14.23 | 14.37 | 14.29 | 14.38 | | |
| 10 | QPSK | 50 | 0 | 14.42 | 14.27 | 14.39 | 14.48 | 14.30 | | |
| 10 | 16QAM | 1 | 0 | 14.31 | 14.47 | 14.29 | 14.26 | 14.31 | 15.6 | 0 |
| 10 | 16QAM | 1 | 25 | 14.47 | 14.45 | 14.32 | 14.54 | 14.41 | | |
| 10 | 16QAM | 1 | 49 | 14.27 | 14.36 | 14.19 | 14.21 | 14.41 | | |
| 10 | 16QAM | 25 | 0 | 14.44 | 14.25 | 14.23 | 14.21 | 14.30 | 15.6 | 0 |
| 10 | 16QAM | 25 | 12 | 14.35 | 14.14 | 14.17 | 14.26 | 14.15 | | |
| 10 | 16QAM | 25 | 25 | 14.33 | 14.15 | 14.29 | 14.20 | 14.21 | | |
| 10 | 16QAM | 50 | 0 | 14.34 | 14.17 | 14.32 | 14.09 | 14.23 | | |
| 10 | 64QAM | 1 | 0 | 14.21 | 14.28 | 14.51 | 14.34 | 14.28 | 15.6 | 0 |
| 10 | 64QAM | 1 | 25 | 14.48 | 14.36 | 14.40 | 14.45 | 14.51 | | |
| 10 | 64QAM | 1 | 49 | 14.54 | 14.46 | 14.55 | 14.47 | 14.44 | | |
| 10 | 64QAM | 25 | 0 | 14.50 | 14.47 | 14.30 | 14.42 | 14.46 | 15.6 | 0 |
| 10 | 64QAM | 25 | 12 | 14.47 | 14.57 | 14.41 | 14.46 | 14.42 | | |
| 10 | 64QAM | 25 | 25 | 14.28 | 14.23 | 14.47 | 14.15 | 14.17 | | |
| 10 | 64QAM | 50 | 0 | 14.36 | 14.49 | 14.23 | 14.35 | 14.24 | | |
| 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 | 14.46 | 14.30 | 14.62 | 14.47 | 14.41 | 15.60 | 0 |
| 5 | QPSK | 1 | 12 | 14.30 | 14.43 | 14.25 | 14.48 | 14.33 | | |
| 5 | QPSK | 1 | 24 | 14.47 | 14.49 | 14.41 | 14.35 | 14.43 | | |
| 5 | QPSK | 12 | 0 | 14.48 | 14.48 | 14.46 | 14.43 | 14.47 | 15.6 | 0 |
| 5 | QPSK | 12 | 7 | 14.27 | 14.40 | 14.24 | 14.33 | 14.27 | | |
| 5 | QPSK | 12 | 13 | 14.22 | 14.25 | 14.39 | 14.28 | 14.39 | | |
| 5 | QPSK | 25 | 0 | 14.40 | 14.30 | 14.43 | 14.44 | 14.33 | | |
| 5 | 16QAM | 1 | 0 | 14.28 | 14.43 | 14.36 | 14.28 | 14.30 | 15.6 | 0 |
| 5 | 16QAM | 1 | 12 | 14.45 | 14.46 | 14.34 | 14.52 | 14.49 | | |
| 5 | 16QAM | 1 | 24 | 14.34 | 14.42 | 14.23 | 14.29 | 14.39 | | |
| 5 | 16QAM | 12 | 0 | 14.44 | 14.33 | 14.30 | 14.28 | 14.36 | 15.6 | 0 |
| 5 | 16QAM | 12 | 7 | 14.30 | 14.16 | 14.28 | 14.28 | 14.22 | | |
| 5 | 16QAM | 12 | 13 | 14.33 | 14.18 | 14.30 | 14.19 | 14.22 | | |
| 5 | 16QAM | 25 | 0 | 14.30 | 14.21 | 14.33 | 14.13 | 14.22 | | |
| 5 | 64QAM | 1 | 0 | 14.30 | 14.18 | 14.47 | 14.34 | 14.32 | 15.6 | 0 |
| 5 | 64QAM | 1 | 12 | 14.48 | 14.36 | 14.37 | 14.44 | 14.43 | | |
| 5 | 64QAM | 1 | 24 | 14.59 | 14.44 | 14.53 | 14.50 | 14.49 | | |
| 5 | 64QAM | 12 | 0 | 14.50 | 14.41 | 14.22 | 14.38 | 14.39 | 15.6 | 0 |
| 5 | 64QAM | 12 | 7 | 14.47 | 14.54 | 14.47 | 14.41 | 14.43 | | |
| 5 | 64QAM | 12 | 13 | 14.19 | 14.27 | 14.39 | 14.20 | 14.23 | | |
| 5 | 64QAM | 25 | 0 | 14.33 | 14.47 | 14.23 | 14.41 | 14.27 | | |

# Reduced Power Level for DSI 9

GSM850 Ant 0 DSI9

| 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 | 29.99 | 30.23 | 30.21 | 31.30 | 20.99 | 21.23 | 21.21 | 22.30 |
| GPRS 1 Tx slot | 29.95 | 30.00 | 30.25 | 31.30 | 20.95 | 21.00 | 21.25 | 22.30 |
| GPRS 2 Tx slots | 26.38 | 26.50 | 26.52 | 28.30 | 20.38 | 20.50 | 20.52 | 22.30 |
| GPRS 3 Tx slots | 24.60 | 24.67 | 24.67 | 26.50 | 20.34 | 20.41 | 20.41 | 22.24 |
| GPRS 4 Tx slots | 23.31 | 23.43 | 23.37 | 25.30 | 20.31 | 20.43 | 20.37 | 22.30 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI9

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.49 | 21.62 | 21.47 | 22.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.58 | 21.68 | 21.53 | 22.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.14 | 18.29 | 18.28 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.21 | 18.32 | 18.33 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.74 | 19.79 | 19.78 | 20.80 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.69 | 19.89 | 19.78 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.12 | 18.46 | 18.27 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.20 | 18.33 | 18.36 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.77 | 19.88 | 19.84 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.79 | 19.88 | 19.88 | 20.80 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.25 | 18.28 | 18.24 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.15 | 16.37 | 16.29 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.19 | 17.35 | 17.39 | 18.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.21 | 16.34 | 16.25 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.24 | 18.38 | 18.33 | 19.30 |

## Band 5 Ant 0 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.24 | 21.38 | 21.20 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.22 | 21.18 | 21.16 | | |
| 10 | QPSK | 1 | 49 | 21.27 | 21.28 | 21.10 | | |
| 10 | QPSK | 25 | 0 | 21.27 | 21.33 | 21.23 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.20 | 21.20 | 21.12 | | |
| 10 | QPSK | 25 | 25 | 21.27 | 21.23 | 21.21 | | |
| 10 | QPSK | 50 | 0 | 21.28 | 21.29 | 21.26 | | |
| 10 | 16QAM | 1 | 0 | 21.15 | 21.20 | 21.23 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.27 | 21.33 | 21.14 | | |
| 10 | 16QAM | 1 | 49 | 21.32 | 21.31 | 21.30 | | |
| 10 | 16QAM | 25 | 0 | 21.19 | 21.25 | 21.19 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.22 | 21.18 | | |
| 10 | 16QAM | 25 | 25 | 21.20 | 21.29 | 21.32 | | |
| 10 | 16QAM | 50 | 0 | 21.18 | 21.23 | 21.14 | | |
| 10 | 64QAM | 1 | 0 | 21.21 | 21.26 | 21.08 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.32 | 21.32 | 21.28 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.25 | 21.16 | | |
| 10 | 64QAM | 25 | 0 | 21.13 | 21.22 | 21.13 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.34 | 21.25 | | |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.29 | 21.08 | | |
| 10 | 64QAM | 50 | 0 | 21.20 | 21.23 | 21.08 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.12 | 21.30 | 21.14 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.11 | 21.12 | 21.06 | | |
| 5 | QPSK | 1 | 24 | 21.17 | 21.13 | 20.97 | | |
| 5 | QPSK | 12 | 0 | 21.13 | 21.24 | 21.20 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.11 | 21.05 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.09 | 21.13 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.21 | 21.16 | | |
| 5 | 16QAM | 1 | 0 | 21.01 | 21.07 | 21.09 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.22 | 21.28 | 21.08 | | |
| 5 | 16QAM | 1 | 24 | 21.20 | 21.16 | 21.18 | | |
| 5 | 16QAM | 12 | 0 | 21.07 | 21.16 | 21.08 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.11 | 21.13 | 21.09 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.24 | 21.17 | | |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.18 | 21.04 | | |
| 5 | 64QAM | 1 | 0 | 21.15 | 21.21 | 20.96 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.27 | 21.18 | 21.15 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.17 | 21.07 | | |
| 5 | 64QAM | 12 | 0 | 21.08 | 21.11 | 21.02 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.11 | 21.19 | 21.12 | | |
| 5 | 64QAM | 12 | 13 | 21.03 | 21.19 | 20.96 | | |
| 5 | 64QAM | 25 | 0 | 21.08 | 21.13 | 21.04 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.19 | 21.28 | 21.05 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.18 | 21.12 | 21.01 | | |
| 3 | QPSK | 1 | 14 | 21.15 | 21.22 | 21.07 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.20 | 21.14 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.13 | 21.12 | 21.05 | | |
| 3 | QPSK | 8 | 7 | 21.17 | 21.09 | 21.17 | | |
| 3 | QPSK | 15 | 0 | 21.20 | 21.25 | 21.22 | | |
| 3 | 16QAM | 1 | 0 | 21.11 | 21.14 | 21.17 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.16 | 21.24 | 21.06 | | |
| 3 | 16QAM | 1 | 14 | 21.26 | 21.22 | 21.23 | | |
| 3 | 16QAM | 8 | 0 | 21.15 | 21.17 | 21.12 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.14 | 21.18 | 21.10 | | |
| 3 | 16QAM | 8 | 7 | 21.15 | 21.16 | 21.23 | | |
| 3 | 16QAM | 15 | 0 | 21.10 | 21.10 | 21.03 | | |
| 3 | 64QAM | 1 | 0 | 21.11 | 21.12 | 20.96 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.26 | 21.19 | 21.22 | | |
| 3 | 64QAM | 1 | 14 | 21.16 | 21.19 | 21.10 | | |
| 3 | 64QAM | 8 | 0 | 21.02 | 21.15 | 21.09 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.17 | 21.23 | 21.11 | | |
| 3 | 64QAM | 8 | 7 | 21.01 | 21.22 | 21.03 | | |
| 3 | 64QAM | 15 | 0 | 21.09 | 21.10 | 20.96 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.10 | 21.24 | 21.05 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.08 | 21.06 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.21 | 21.18 | 21.03 | | |
| 1.4 | QPSK | 3 | 0 | 21.23 | 21.18 | 21.13 | | |
| 1.4 | QPSK | 3 | 1 | 21.08 | 21.16 | 20.97 | | |
| 1.4 | QPSK | 3 | 3 | 21.16 | 21.19 | 21.12 | | |
| 1.4 | QPSK | 6 | 0 | 21.22 | 21.19 | 21.19 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.06 | 21.13 | 21.15 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.15 | 21.20 | 21.07 | | |
| 1.4 | 16QAM | 1 | 5 | 21.22 | 21.28 | 21.17 | | |
| 1.4 | 16QAM | 3 | 0 | 21.14 | 21.16 | 21.08 | | |
| 1.4 | 16QAM | 3 | 1 | 21.16 | 21.08 | 21.12 | | |
| 1.4 | 16QAM | 3 | 3 | 21.06 | 21.25 | 21.19 | | |
| 1.4 | 16QAM | 6 | 0 | 21.15 | 21.15 | 21.02 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.12 | 21.17 | 20.98 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.28 | 21.21 | 21.23 | | |
| 1.4 | 64QAM | 1 | 5 | 21.18 | 21.13 | 21.08 | | |
| 1.4 | 64QAM | 3 | 0 | 21.04 | 21.17 | 21.00 | | |
| 1.4 | 64QAM | 3 | 1 | 21.14 | 21.24 | 21.20 | | |
| 1.4 | 64QAM | 3 | 3 | 21.12 | 21.24 | 21.04 | | |
| 1.4 | 64QAM | 6 | 0 | 21.06 | 21.17 | 20.97 | 22.3 | 0 |

## Band 12 Ant 0 DSI9

| BW [MHz] | 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 | 21.37 | 21.53 | 21.30 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.31 | 21.32 | 21.28 | | |
| 10 | QPSK | 1 | 49 | 21.36 | 21.45 | 21.17 | | |
| 10 | QPSK | 25 | 0 | 21.35 | 21.46 | 21.31 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.36 | 21.29 | 21.18 | | |
| 10 | QPSK | 25 | 25 | 21.43 | 21.35 | 21.30 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.45 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.22 | 21.28 | 21.37 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.40 | 21.48 | 21.31 | | |
| 10 | 16QAM | 1 | 49 | 21.48 | 21.47 | 21.36 | | |
| 10 | 16QAM | 25 | 0 | 21.31 | 21.41 | 21.28 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.28 | 21.30 | 21.31 | | |
| 10 | 16QAM | 25 | 25 | 21.33 | 21.43 | 21.47 | | |
| 10 | 16QAM | 50 | 0 | 21.26 | 21.32 | 21.23 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.37 | 21.16 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.43 | 21.45 | 21.42 | | |
| 10 | 64QAM | 1 | 49 | 21.37 | 21.35 | 21.26 | | |
| 10 | 64QAM | 25 | 0 | 21.23 | 21.36 | 21.26 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.41 | 21.35 | | |
| 10 | 64QAM | 25 | 25 | 21.29 | 21.43 | 21.14 | | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.29 | 21.15 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.30 | 21.46 | 21.22 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.18 | 21.17 | 21.08 | | |
| 5 | QPSK | 1 | 24 | 21.30 | 21.29 | 21.07 | | |
| 5 | QPSK | 12 | 0 | 21.36 | 21.31 | 21.22 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.23 | 21.12 | 21.09 | | |
| 5 | QPSK | 12 | 13 | 21.34 | 21.27 | 21.23 | | |
| 5 | QPSK | 25 | 0 | 21.29 | 21.23 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.18 | 21.24 | 21.23 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.27 | 21.32 | 21.17 | | |
| 5 | 16QAM | 1 | 24 | 21.32 | 21.29 | 21.30 | | |
| 5 | 16QAM | 12 | 0 | 21.21 | 21.29 | 21.16 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.18 | 21.13 | 21.18 | | |
| 5 | 16QAM | 12 | 13 | 21.15 | 21.32 | 21.41 | | |
| 5 | 16QAM | 25 | 0 | 21.24 | 21.21 | 21.21 | | |
| 5 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.10 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.25 | 21.27 | 21.23 | | |
| 5 | 64QAM | 1 | 24 | 21.25 | 21.27 | 21.19 | | |
| 5 | 64QAM | 12 | 0 | 21.17 | 21.32 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.34 | 21.40 | 21.29 | | |
| 5 | 64QAM | 12 | 13 | 21.23 | 21.31 | 21.13 | | |
| 5 | 64QAM | 25 | 0 | 21.30 | 21.23 | 21.12 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.32 | 21.42 | 21.21 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.22 | 21.18 | 21.15 | | |
| 3 | QPSK | 1 | 14 | 21.26 | 21.30 | 21.09 | | |
| 3 | QPSK | 8 | 0 | 21.37 | 21.36 | 21.24 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.17 | 21.14 | 21.21 | | |
| 3 | QPSK | 8 | 7 | 21.37 | 21.30 | 21.22 | | |
| 3 | QPSK | 15 | 0 | 21.33 | 21.28 | 21.28 | | |
| 3 | 16QAM | 1 | 0 | 21.20 | 21.18 | 21.27 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.30 | 21.28 | 21.17 | | |
| 3 | 16QAM | 1 | 14 | 21.25 | 21.27 | 21.35 | | |
| 3 | 16QAM | 8 | 0 | 21.22 | 21.28 | 21.16 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.23 | 21.19 | | |
| 3 | 16QAM | 8 | 7 | 21.19 | 21.38 | 21.34 | | |
| 3 | 16QAM | 15 | 0 | 21.24 | 21.30 | 21.20 | | |
| 3 | 64QAM | 1 | 0 | 21.20 | 21.24 | 21.10 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.32 | 21.24 | 21.28 | | |
| 3 | 64QAM | 1 | 14 | 21.18 | 21.20 | 21.18 | | |
| 3 | 64QAM | 8 | 0 | 21.13 | 21.33 | 21.05 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.30 | 21.39 | 21.24 | | |
| 3 | 64QAM | 8 | 7 | 21.20 | 21.31 | 21.12 | | |
| 3 | 64QAM | 15 | 0 | 21.25 | 21.20 | 21.21 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.21 | 21.38 | 21.28 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.26 | 21.18 | 21.12 | | |
| 1.4 | QPSK | 1 | 5 | 21.24 | 21.27 | 21.03 | | |
| 1.4 | QPSK | 3 | 0 | 21.28 | 21.33 | 21.27 | | |
| 1.4 | QPSK | 3 | 1 | 21.13 | 21.14 | 21.17 | | |
| 1.4 | QPSK | 3 | 3 | 21.30 | 21.30 | 21.21 | | |
| 1.4 | QPSK | 6 | 0 | 21.34 | 21.30 | 21.27 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.17 | 21.27 | 21.23 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.29 | 21.29 | 21.16 | | |
| 1.4 | 16QAM | 1 | 5 | 21.24 | 21.26 | 21.39 | | |
| 1.4 | 16QAM | 3 | 0 | 21.17 | 21.29 | 21.23 | | |
| 1.4 | 16QAM | 3 | 1 | 21.21 | 21.19 | 21.25 | | |
| 1.4 | 16QAM | 3 | 3 | 21.18 | 21.40 | 21.30 | | |
| 1.4 | 16QAM | 6 | 0 | 21.14 | 21.29 | 21.10 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.22 | 21.26 | 21.04 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.25 | 21.34 | 21.27 | | |
| 1.4 | 64QAM | 1 | 5 | 21.19 | 21.22 | 21.16 | | |
| 1.4 | 64QAM | 3 | 0 | 21.09 | 21.33 | 21.10 | | |
| 1.4 | 64QAM | 3 | 1 | 21.30 | 21.32 | 21.24 | | |
| 1.4 | 64QAM | 3 | 3 | 21.20 | 21.32 | 21.11 | | |
| 1.4 | 64QAM | 6 | 0 | 21.22 | 21.17 | 21.16 | 22.3 | 0 |

## Band 13 Ant 0 DSI9

| BW [MHz] | 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 | | 20.17 | | 21.3 | 0 |
| 10 | QPSK | 1 | 25 | | 19.99 | | | |
| 10 | QPSK | 1 | 49 | | 20.13 | | | |
| 10 | QPSK | 25 | 0 | | 20.12 | | 21.3 | 0 |
| 10 | QPSK | 25 | 12 | | 19.95 | | | |
| 10 | QPSK | 25 | 25 | | 19.99 | | | |
| 10 | QPSK | 50 | 0 | | 20.08 | | | |
| 10 | 16QAM | 1 | 0 | | 20.02 | | 21.3 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.07 | | | |
| 10 | 16QAM | 1 | 49 | | 20.11 | | | |
| 10 | 16QAM | 25 | 0 | | 20.05 | | 21.3 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.06 | | | |
| 10 | 16QAM | 25 | 25 | | 20.07 | | | |
| 10 | 16QAM | 50 | 0 | | 20.01 | | | |
| 10 | 64QAM | 1 | 0 | | 20.13 | | 21.3 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.11 | | | |
| 10 | 64QAM | 1 | 49 | | 20.04 | | | |
| 10 | 64QAM | 25 | 0 | | 20.00 | | 21.3 | 0 |
| 10 | 64QAM | 25 | 12 | | 20.16 | | | |
| 10 | 64QAM | 25 | 25 | | 20.10 | | | |
| 10 | 64QAM | 50 | 0 | | 19.99 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 19.96 | 20.05 | 19.91 | 21.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.89 | 19.86 | 19.89 | | |
| 5 | QPSK | 1 | 24 | 20.03 | 20.00 | 19.90 | | |
| 5 | QPSK | 12 | 0 | 19.94 | 20.05 | 19.92 | 21.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.88 | 19.91 | 19.78 | | |
| 5 | QPSK | 12 | 13 | 19.98 | 19.97 | 19.83 | | |
| 5 | QPSK | 25 | 0 | 20.01 | 19.99 | 20.02 | | |
| 5 | 16QAM | 1 | 0 | 19.87 | 19.96 | 19.94 | 21.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.99 | 20.10 | 19.78 | | |
| 5 | 16QAM | 1 | 24 | 20.00 | 19.99 | 20.05 | | |
| 5 | 16QAM | 12 | 0 | 19.88 | 19.96 | 19.85 | 21.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.90 | 19.95 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.97 | 20.10 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.98 | 19.93 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.99 | 19.73 | 21.3 | 0 |
| 5 | 64QAM | 1 | 12 | 20.13 | 20.06 | 19.96 | | |
| 5 | 64QAM | 1 | 24 | 19.90 | 20.02 | 19.85 | | |
| 5 | 64QAM | 12 | 0 | 19.80 | 19.89 | 19.82 | 21.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.91 | 20.05 | 19.92 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.92 | 19.77 | | |
| 5 | 64QAM | 25 | 0 | 20.00 | 19.86 | 19.77 | | |

## Band 17 Ant 0 DSI9

| BW [MHz] | 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 | 21.39 | 21.49 | 21.25 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.22 | 21.34 | 21.23 | | |
| 10 | QPSK | 1 | 49 | 21.38 | 21.46 | 21.24 | | |
| 10 | QPSK | 25 | 0 | 21.36 | 21.38 | 21.24 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.23 | 21.30 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.29 | 21.28 | 21.25 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.34 | 21.25 | | |
| 10 | 16QAM | 1 | 0 | 21.12 | 21.29 | 21.29 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.34 | 21.39 | 21.21 | | |
| 10 | 16QAM | 1 | 49 | 21.41 | 21.45 | 21.37 | | |
| 10 | 16QAM | 25 | 0 | 21.27 | 21.38 | 21.28 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.19 | 21.30 | 21.25 | | |
| 10 | 16QAM | 25 | 25 | 21.27 | 21.41 | 21.42 | | |
| 10 | 16QAM | 50 | 0 | 21.22 | 21.33 | 21.16 | | |
| 10 | 64QAM | 1 | 0 | 21.34 | 21.34 | 21.26 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.45 | 21.42 | 21.43 | | |
| 10 | 64QAM | 1 | 49 | 21.31 | 21.26 | 21.26 | | |
| 10 | 64QAM | 25 | 0 | 21.22 | 21.32 | 21.24 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.35 | 21.40 | 21.31 | | |
| 10 | 64QAM | 25 | 25 | 21.30 | 21.44 | 21.28 | | |
| 10 | 64QAM | 50 | 0 | 21.35 | 21.28 | 21.15 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.26 | 21.39 | 21.13 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.11 | 21.26 | 21.09 | | |
| 5 | QPSK | 1 | 24 | 21.25 | 21.37 | 21.12 | | |
| 5 | QPSK | 12 | 0 | 21.24 | 21.24 | 21.17 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.21 | 21.12 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.14 | 21.13 | | |
| 5 | QPSK | 25 | 0 | 21.18 | 21.31 | 21.11 | | |
| 5 | 16QAM | 1 | 0 | 21.04 | 21.18 | 21.15 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.25 | 21.37 | 21.15 | | |
| 5 | 16QAM | 1 | 24 | 21.40 | 21.34 | 21.24 | | |
| 5 | 16QAM | 12 | 0 | 21.19 | 21.31 | 21.24 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.24 | 21.11 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.30 | 21.39 | | |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.28 | 21.02 | | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.22 | 21.22 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.35 | 21.31 | 21.33 | | |
| 5 | 64QAM | 1 | 24 | 21.18 | 21.22 | 21.21 | | |
| 5 | 64QAM | 12 | 0 | 21.08 | 21.19 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.29 | 21.31 | 21.16 | | |
| 5 | 64QAM | 12 | 13 | 21.21 | 21.35 | 21.16 | | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.19 | 21.01 | | |

## Band 26 Ant 0 DSI9

| BW [MHz] | 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 | 21.27 | 21.44 | 21.33 | 22.3 | 0 |
| 15 | QPSK | 1 | 37 | 21.25 | 21.29 | 21.30 | | |
| 15 | QPSK | 1 | 74 | 21.25 | 21.31 | 21.36 | | |
| 15 | QPSK | 36 | 0 | 21.28 | 21.29 | 21.18 | 22.3 | 0 |
| 15 | QPSK | 36 | 20 | 21.14 | 21.16 | 21.10 | | |
| 15 | QPSK | 36 | 39 | 21.18 | 21.17 | 21.12 | | |
| 15 | QPSK | 75 | 0 | 21.20 | 21.28 | 21.18 | | |
| 15 | 16QAM | 1 | 0 | 20.97 | 21.20 | 21.17 | 22.3 | 0 |
| 15 | 16QAM | 1 | 37 | 21.22 | 21.32 | 21.10 | | |
| 15 | 16QAM | 1 | 74 | 21.26 | 21.34 | 21.30 | | |
| 15 | 16QAM | 36 | 0 | 21.13 | 21.24 | 21.24 | 22.3 | 0 |
| 15 | 16QAM | 36 | 20 | 21.13 | 21.19 | 21.16 | | |
| 15 | 16QAM | 36 | 39 | 21.20 | 21.29 | 21.28 | | |
| 15 | 16QAM | 75 | 0 | 21.16 | 21.23 | 21.10 | | |
| 15 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.16 | 22.3 | 0 |
| 15 | 64QAM | 1 | 37 | 21.38 | 21.30 | 21.28 | | |
| 15 | 64QAM | 1 | 74 | 21.18 | 21.20 | 21.16 | | |
| 15 | 64QAM | 36 | 0 | 21.13 | 21.21 | 21.20 | 22.3 | 0 |
| 15 | 64QAM | 36 | 20 | 21.22 | 21.32 | 21.25 | | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.33 | 21.13 | | |
| 15 | 64QAM | 75 | 0 | 21.22 | 21.13 | 21.03 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.18 | 21.39 | 21.09 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.14 | 21.14 | 21.01 | | |
| 10 | QPSK | 1 | 49 | 21.17 | 21.27 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.24 | 21.20 | 21.13 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.04 | 21.10 | 21.00 | | |
| 10 | QPSK | 25 | 25 | 21.12 | 21.10 | 21.01 | | |
| 10 | QPSK | 50 | 0 | 21.17 | 21.09 | 21.12 | | |
| 10 | 16QAM | 1 | 0 | 20.88 | 21.08 | 21.07 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.18 | 21.27 | 21.04 | | |
| 10 | 16QAM | 1 | 49 | 21.18 | 21.25 | 21.23 | | |
| 10 | 16QAM | 25 | 0 | 20.98 | 21.20 | 21.20 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.01 | 21.08 | 21.13 | | |
| 10 | 16QAM | 25 | 25 | 21.11 | 21.25 | 21.20 | | |
| 10 | 16QAM | 50 | 0 | 21.02 | 21.20 | 21.01 | | |
| 10 | 64QAM | 1 | 0 | 21.09 | 21.20 | 21.10 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.31 | 21.18 | 21.17 | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.16 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 21.10 | 21.16 | 21.11 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.22 | 21.14 | | |
| 10 | 64QAM | 25 | 25 | 21.16 | 21.18 | 21.09 | | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.00 | 20.97 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.13 | 21.32 | 21.01 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.14 | 21.16 | 21.01 | | |
| 5 | QPSK | 1 | 24 | 21.16 | 21.21 | 21.10 | | |
| 5 | QPSK | 12 | 0 | 21.15 | 21.25 | 21.04 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.00 | 21.03 | 21.07 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.10 | 21.01 | | |
| 5 | QPSK | 25 | 0 | 21.16 | 21.15 | 21.03 | | |
| 5 | 16QAM | 1 | 0 | 20.85 | 21.07 | 21.13 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.22 | 21.02 | | |
| 5 | 16QAM | 1 | 24 | 21.22 | 21.21 | 21.23 | | |
| 5 | 16QAM | 12 | 0 | 20.98 | 21.16 | 21.12 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.01 | 21.07 | 21.12 | | |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.24 | 21.24 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 21.18 | 21.03 | | |
| 5 | 64QAM | 1 | 0 | 21.08 | 21.10 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.29 | 21.27 | 21.13 | | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.17 | 21.09 | | |
| 5 | 64QAM | 12 | 0 | 21.07 | 21.16 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.28 | 21.15 | | |
| 5 | 64QAM | 12 | 13 | 21.16 | 21.28 | 20.99 | | |
| 5 | 64QAM | 25 | 0 | 21.15 | 21.04 | 20.99 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.13 | 21.34 | 20.99 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.03 | 21.25 | 21.02 | | |
| 3 | QPSK | 1 | 14 | 21.20 | 21.24 | 21.04 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.22 | 21.10 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.04 | 21.00 | | |
| 3 | QPSK | 8 | 7 | 21.05 | 21.07 | 21.08 | | |
| 3 | QPSK | 15 | 0 | 21.23 | 21.14 | 21.03 | | |
| 3 | 16QAM | 1 | 0 | 20.90 | 21.15 | 21.13 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.12 | 21.29 | 21.02 | | |
| 3 | 16QAM | 1 | 14 | 21.16 | 21.22 | 21.20 | | |
| 3 | 16QAM | 8 | 0 | 21.02 | 21.14 | 21.14 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.05 | 21.09 | 21.08 | | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.26 | 21.18 | | |
| 3 | 16QAM | 15 | 0 | 21.11 | 21.16 | 21.06 | | |
| 3 | 64QAM | 1 | 0 | 21.11 | 21.17 | 21.04 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.30 | 21.16 | 21.20 | | |
| 3 | 64QAM | 1 | 14 | 21.08 | 21.09 | 21.06 | | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.16 | 21.16 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.18 | 21.24 | 21.13 | | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.28 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.14 | 21.10 | 20.89 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.16 | 21.40 | 21.03 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.11 | 21.26 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.21 | 21.17 | 21.05 | | |
| 1.4 | QPSK | 3 | 0 | 21.14 | 21.19 | 21.04 | | |
| 1.4 | QPSK | 3 | 1 | 21.06 | 21.03 | 21.05 | | |
| 1.4 | QPSK | 3 | 3 | 21.07 | 21.03 | 21.07 | | |
| 1.4 | QPSK | 6 | 0 | 21.17 | 21.13 | 21.04 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.93 | 21.08 | 21.03 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.11 | 21.21 | 20.99 | | |
| 1.4 | 16QAM | 1 | 5 | 21.13 | 21.27 | 21.18 | | |
| 1.4 | 16QAM | 3 | 0 | 21.05 | 21.15 | 21.20 | | |
| 1.4 | 16QAM | 3 | 1 | 21.08 | 21.07 | 21.09 | | |
| 1.4 | 16QAM | 3 | 3 | 21.09 | 21.24 | 21.18 | | |
| 1.4 | 16QAM | 6 | 0 | 21.06 | 21.16 | 21.03 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.09 | 21.11 | 21.07 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.24 | 21.19 | 21.21 | | |
| 1.4 | 64QAM | 1 | 5 | 21.03 | 21.06 | 21.02 | | |
| 1.4 | 64QAM | 3 | 0 | 21.02 | 21.11 | 21.06 | | |
| 1.4 | 64QAM | 3 | 1 | 21.19 | 21.18 | 21.20 | | |
| 1.4 | 64QAM | 3 | 3 | 21.17 | 21.28 | 21.06 | | |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.06 | 20.89 | 22.3 | 0 |

GSM1900 Ant 1 DSI9

| 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 | 26.64 | 26.51 | 26.57 | 27.80 | 17.64 | 17.51 | 17.57 | 18.80 |
| GPRS 1 Tx slot | 26.64 | 26.43 | 26.58 | 27.80 | 17.64 | 17.43 | 17.58 | 18.80 |
| GPRS 2 Tx slots | 22.94 | 22.87 | 23.00 | 24.80 | 16.94 | 16.87 | 17.00 | 18.80 |
| GPRS 3 Tx slots | 21.22 | 21.14 | 21.04 | 23.00 | 16.96 | 16.88 | 16.78 | 18.74 |
| GPRS 4 Tx slots | 20.03 | 20.06 | 19.98 | 21.80 | 17.03 | 17.06 | 16.98 | 18.80 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant 1 DSI9 / WCDMA IV Ant 1 DSI9

| 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 | 20.00 | 20.06 | 20.19 | 20.90 | 19.93 | 19.92 | 19.96 | 20.80 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.19 | 20.21 | 20.18 | 20.90 | 20.09 | 20.14 | 20.13 | 20.80 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.31 | 19.49 | 19.52 | 20.10 | 19.43 | 19.27 | 19.16 | 19.80 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.37 | 19.38 | 19.35 | 20.10 | 19.10 | 19.31 | 19.21 | 19.80 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.84 | 18.80 | 18.78 | 19.40 | 18.94 | 18.87 | 18.77 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.76 | 18.86 | 18.89 | 19.40 | 18.75 | 18.87 | 18.52 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 19.24 | 19.56 | 19.47 | 20.10 | 19.15 | 19.37 | 19.24 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.43 | 19.54 | 19.51 | 20.10 | 19.27 | 19.24 | 19.38 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 18.73 | 18.89 | 18.84 | 19.40 | 18.55 | 18.79 | 18.76 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 18.97 | 18.98 | 18.70 | 19.40 | 18.59 | 18.83 | 18.40 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.63 | 19.56 | 19.37 | 20.10 | 19.41 | 19.36 | 19.27 | 19.80 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.28 | 16.37 | 16.22 | 16.90 | 17.28 | 17.32 | 17.23 | 17.80 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.35 | 17.31 | 17.20 | 17.90 | 18.23 | 18.40 | 18.19 | 18.80 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.26 | 16.35 | 16.12 | 16.90 | 17.45 | 17.44 | 17.42 | 17.80 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 19.42 | 19.73 | 19.62 | 20.10 | 18.96 | 19.37 | 19.28 | 19.80 |

## Band 2 Ant 1 DSI9

| BW [MHz] | 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 | 19.63 | 19.78 | 19.72 | 20.9 | 0 |
| 20 | QPSK | 1 | 49 | 19.62 | 19.57 | 19.57 | | |
| 20 | QPSK | 1 | 99 | 19.67 | 19.66 | 19.63 | | |
| 20 | QPSK | 50 | 0 | 19.67 | 19.73 | 19.67 | 20.9 | 0 |
| 20 | QPSK | 50 | 24 | 19.59 | 19.63 | 19.71 | | |
| 20 | QPSK | 50 | 50 | 19.67 | 19.68 | 19.68 | | |
| 20 | QPSK | 100 | 0 | 19.65 | 19.70 | 19.69 | | |
| 20 | 16QAM | 1 | 0 | 19.53 | 19.57 | 19.52 | 20.9 | 0 |
| 20 | 16QAM | 1 | 49 | 19.66 | 19.74 | 19.60 | | |
| 20 | 16QAM | 1 | 99 | 19.70 | 19.76 | 19.77 | | |
| 20 | 16QAM | 50 | 0 | 19.57 | 19.65 | 19.62 | 20.9 | 0 |
| 20 | 16QAM | 50 | 24 | 19.60 | 19.60 | 19.66 | | |
| 20 | 16QAM | 50 | 50 | 19.63 | 19.65 | 19.70 | | |
| 20 | 16QAM | 100 | 0 | 19.57 | 19.61 | 19.74 | | |
| 20 | 64QAM | 1 | 0 | 19.64 | 19.72 | 19.70 | 20.9 | 0 |
| 20 | 64QAM | 1 | 49 | 19.71 | 19.70 | 19.70 | | |
| 20 | 64QAM | 1 | 99 | 19.61 | 19.70 | 19.69 | | |
| 20 | 64QAM | 50 | 0 | 19.54 | 19.66 | 19.58 | 20.9 | 0 |
| 20 | 64QAM | 50 | 24 | 19.58 | 19.76 | 19.62 | | |
| 20 | 64QAM | 50 | 50 | 19.52 | 19.69 | 19.75 | | |
| 20 | 64QAM | 100 | 0 | 19.67 | 19.68 | 19.72 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 19.59 | 19.72 | 19.65 | 20.9 | 0 |
| 15 | QPSK | 1 | 37 | 19.57 | 19.44 | 19.47 | | |
| 15 | QPSK | 1 | 74 | 19.63 | 19.58 | 19.50 | | |
| 15 | QPSK | 36 | 0 | 19.55 | 19.67 | 19.57 | 20.9 | 0 |
| 15 | QPSK | 36 | 20 | 19.52 | 19.57 | 19.62 | | |
| 15 | QPSK | 36 | 39 | 19.59 | 19.62 | 19.57 | | |
| 15 | QPSK | 75 | 0 | 19.60 | 19.64 | 19.59 | | |
| 15 | 16QAM | 1 | 0 | 19.46 | 19.46 | 19.39 | 20.9 | 0 |
| 15 | 16QAM | 1 | 37 | 19.58 | 19.64 | 19.75 | | |
| 15 | 16QAM | 1 | 74 | 19.58 | 19.65 | 19.68 | | |
| 15 | 16QAM | 36 | 0 | 19.42 | 19.53 | 19.54 | 20.9 | 0 |
| 15 | 16QAM | 36 | 20 | 19.53 | 19.55 | 19.57 | | |
| 15 | 16QAM | 36 | 39 | 19.53 | 19.52 | 19.60 | | |
| 15 | 16QAM | 75 | 0 | 19.42 | 19.58 | 19.62 | | |
| 15 | 64QAM | 1 | 0 | 19.54 | 19.67 | 19.59 | 20.9 | 0 |
| 15 | 64QAM | 1 | 37 | 19.62 | 19.60 | 19.60 | | |
| 15 | 64QAM | 1 | 74 | 19.58 | 19.60 | 19.64 | | |
| 15 | 64QAM | 36 | 0 | 19.47 | 19.52 | 19.50 | 20.9 | 0 |
| 15 | 64QAM | 36 | 20 | 19.47 | 19.73 | 19.76 | | |
| 15 | 64QAM | 36 | 39 | 19.46 | 19.62 | 19.65 | | |
| 15 | 64QAM | 75 | 0 | 19.52 | 19.59 | 19.59 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 19.58 | 19.70 | 19.61 | 20.9 | 0 |
| 10 | QPSK | 1 | 25 | 19.52 | 19.46 | 19.50 | | |
| 10 | QPSK | 1 | 49 | 19.52 | 19.57 | 19.60 | | |
| 10 | QPSK | 25 | 0 | 19.63 | 19.66 | 19.60 | 20.9 | 0 |
| 10 | QPSK | 25 | 12 | 19.53 | 19.54 | 19.65 | | |
| 10 | QPSK | 25 | 25 | 19.53 | 19.59 | 19.56 | | |
| 10 | QPSK | 50 | 0 | 19.54 | 19.62 | 19.63 | | |
| 10 | 16QAM | 1 | 0 | 19.42 | 19.49 | 19.40 | 20.9 | 0 |
| 10 | 16QAM | 1 | 25 | 19.57 | 19.65 | 19.69 | | |
| 10 | 16QAM | 1 | 49 | 19.62 | 19.69 | 19.73 | | |
| 10 | 16QAM | 25 | 0 | 19.50 | 19.51 | 19.51 | 20.9 | 0 |
| 10 | 16QAM | 25 | 12 | 19.54 | 19.53 | 19.55 | | |
| 10 | 16QAM | 25 | 25 | 19.49 | 19.53 | 19.61 | | |
| 10 | 16QAM | 50 | 0 | 19.46 | 19.51 | 19.61 | | |
| 10 | 64QAM | 1 | 0 | 19.51 | 19.65 | 19.64 | 20.9 | 0 |
| 10 | 64QAM | 1 | 25 | 19.63 | 19.66 | 19.55 | | |
| 10 | 64QAM | 1 | 49 | 19.57 | 19.66 | 19.56 | | |
| 10 | 64QAM | 25 | 0 | 19.49 | 19.52 | 19.50 | 20.9 | 0 |
| 10 | 64QAM | 25 | 12 | 19.45 | 19.69 | 19.73 | | |
| 10 | 64QAM | 25 | 25 | 19.43 | 19.65 | 19.71 | | |
| 10 | 64QAM | 50 | 0 | 19.60 | 19.63 | 19.68 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 19.56 | 19.65 | 19.58 | 20.9 | 0 |
| 5 | QPSK | 1 | 12 | 19.50 | 19.46 | 19.50 | | |
| 5 | QPSK | 1 | 24 | 19.64 | 19.58 | 19.58 | | |
| 5 | QPSK | 12 | 0 | 19.57 | 19.60 | 19.59 | 20.9 | 0 |
| 5 | QPSK | 12 | 7 | 19.45 | 19.60 | 19.62 | | |
| 5 | QPSK | 12 | 13 | 19.61 | 19.56 | 19.57 | | |
| 5 | QPSK | 25 | 0 | 19.58 | 19.62 | 19.62 | | |
| 5 | 16QAM | 1 | 0 | 19.41 | 19.52 | 19.39 | 20.9 | 0 |
| 5 | 16QAM | 1 | 12 | 19.51 | 19.62 | 19.66 | | |
| 5 | 16QAM | 1 | 24 | 19.56 | 19.62 | 19.64 | | |
| 5 | 16QAM | 12 | 0 | 19.47 | 19.60 | 19.57 | 20.9 | 0 |
| 5 | 16QAM | 12 | 7 | 19.52 | 19.55 | 19.59 | | |
| 5 | 16QAM | 12 | 13 | 19.48 | 19.59 | 19.57 | | |
| 5 | 16QAM | 25 | 0 | 19.46 | 19.55 | 19.60 | | |
| 5 | 64QAM | 1 | 0 | 19.59 | 19.60 | 19.58 | 20.9 | 0 |
| 5 | 64QAM | 1 | 12 | 19.64 | 19.64 | 19.66 | | |
| 5 | 64QAM | 1 | 24 | 19.52 | 19.57 | 19.60 | | |
| 5 | 64QAM | 12 | 0 | 19.40 | 19.54 | 19.49 | 20.9 | 0 |
| 5 | 64QAM | 12 | 7 | 19.48 | 19.67 | 19.74 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.59 | 19.62 | | |
| 5 | 64QAM | 25 | 0 | 19.64 | 19.61 | 19.69 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 19.59 | 19.69 | 19.62 | 20.9 | 0 |
| 3 | QPSK | 1 | 8 | 19.55 | 19.45 | 19.46 | | |
| 3 | QPSK | 1 | 14 | 19.55 | 19.57 | 19.49 | | |
| 3 | QPSK | 8 | 0 | 19.58 | 19.59 | 19.58 | 20.9 | 0 |
| 3 | QPSK | 8 | 4 | 19.48 | 19.53 | 19.57 | | |
| 3 | QPSK | 8 | 7 | 19.62 | 19.57 | 19.65 | | |
| 3 | QPSK | 15 | 0 | 19.55 | 19.64 | 19.58 | | |
| 3 | 16QAM | 1 | 0 | 19.40 | 19.44 | 19.43 | 20.9 | 0 |
| 3 | 16QAM | 1 | 8 | 19.52 | 19.70 | 19.66 | | |
| 3 | 16QAM | 1 | 14 | 19.57 | 19.68 | 19.69 | | |
| 3 | 16QAM | 8 | 0 | 19.43 | 19.56 | 19.53 | 20.9 | 0 |
| 3 | 16QAM | 8 | 4 | 19.53 | 19.51 | 19.51 | | |
| 3 | 16QAM | 8 | 7 | 19.58 | 19.52 | 19.58 | | |
| 3 | 16QAM | 15 | 0 | 19.53 | 19.48 | 19.61 | | |
| 3 | 64QAM | 1 | 0 | 19.58 | 19.66 | 19.60 | 20.9 | 0 |
| 3 | 64QAM | 1 | 8 | 19.62 | 19.58 | 19.58 | | |
| 3 | 64QAM | 1 | 14 | 19.54 | 19.60 | 19.62 | | |
| 3 | 64QAM | 8 | 0 | 19.41 | 19.63 | 19.47 | 20.9 | 0 |
| 3 | 64QAM | 8 | 4 | 19.53 | 19.69 | 19.76 | | |
| 3 | 64QAM | 8 | 7 | 19.42 | 19.64 | 19.64 | | |
| 3 | 64QAM | 15 | 0 | 19.57 | 19.61 | 19.60 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.57 | 19.66 | 19.59 | 20.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.58 | 19.49 | 19.44 | | |
| 1.4 | QPSK | 1 | 5 | 19.62 | 19.54 | 19.51 | | |
| 1.4 | QPSK | 3 | 0 | 19.55 | 19.66 | 19.52 | | |
| 1.4 | QPSK | 3 | 1 | 19.45 | 19.56 | 19.67 | | |
| 1.4 | QPSK | 3 | 3 | 19.55 | 19.65 | 19.54 | | |
| 1.4 | QPSK | 6 | 0 | 19.59 | 19.58 | 19.56 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.50 | 19.44 | 19.46 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.52 | 19.64 | 19.69 | | |
| 1.4 | 16QAM | 1 | 5 | 19.56 | 19.65 | 19.67 | | |
| 1.4 | 16QAM | 3 | 0 | 19.53 | 19.50 | 19.51 | | |
| 1.4 | 16QAM | 3 | 1 | 19.51 | 19.52 | 19.53 | | |
| 1.4 | 16QAM | 3 | 3 | 19.56 | 19.56 | 19.66 | | |
| 1.4 | 16QAM | 6 | 0 | 19.49 | 19.50 | 19.63 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.54 | 19.66 | 19.59 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.65 | 19.59 | 19.60 | | |
| 1.4 | 64QAM | 1 | 5 | 19.49 | 19.65 | 19.54 | | |
| 1.4 | 64QAM | 3 | 0 | 19.41 | 19.52 | 19.54 | | |
| 1.4 | 64QAM | 3 | 1 | 19.49 | 19.67 | 19.78 | | |
| 1.4 | 64QAM | 3 | 3 | 19.43 | 19.59 | 19.62 | | |
| 1.4 | 64QAM | 6 | 0 | 19.54 | 19.58 | 19.60 | 20.9 | 0 |

## Band 4 Ant 1 DSI9

| BW [MHz] | 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 | 19.55 | 19.64 | 19.64 | 20.8 | 0 |
| 20 | QPSK | 1 | 49 | 19.58 | 19.43 | 19.42 | | |
| 20 | QPSK | 1 | 99 | 19.62 | 19.55 | 19.56 | | |
| 20 | QPSK | 50 | 0 | 19.53 | 19.62 | 19.55 | 20.8 | 0 |
| 20 | QPSK | 50 | 24 | 19.52 | 19.48 | 19.57 | | |
| 20 | QPSK | 50 | 50 | 19.59 | 19.55 | 19.55 | | |
| 20 | QPSK | 100 | 0 | 19.43 | 19.56 | 19.50 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.46 | 19.39 | 20.8 | 0 |
| 20 | 16QAM | 1 | 49 | 19.62 | 19.61 | 19.48 | | |
| 20 | 16QAM | 1 | 99 | 19.56 | 19.72 | 19.71 | | |
| 20 | 16QAM | 50 | 0 | 19.48 | 19.59 | 19.52 | 20.8 | 0 |
| 20 | 16QAM | 50 | 24 | 19.55 | 19.47 | 19.54 | | |
| 20 | 16QAM | 50 | 50 | 19.51 | 19.51 | 19.63 | | |
| 20 | 16QAM | 100 | 0 | 19.48 | 19.58 | 19.60 | | |
| 20 | 64QAM | 1 | 0 | 19.57 | 19.61 | 19.56 | 20.8 | 0 |
| 20 | 64QAM | 1 | 49 | 19.66 | 19.59 | 19.67 | | |
| 20 | 64QAM | 1 | 99 | 19.56 | 19.66 | 19.66 | | |
| 20 | 64QAM | 50 | 0 | 19.50 | 19.57 | 19.47 | 20.8 | 0 |
| 20 | 64QAM | 50 | 24 | 19.51 | 19.70 | 19.49 | | |
| 20 | 64QAM | 50 | 50 | 19.45 | 19.64 | 19.67 | | |
| 20 | 64QAM | 100 | 0 | 19.62 | 19.59 | 19.64 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.46 | 19.59 | 19.59 | 20.8 | 0 |
| 15 | QPSK | 1 | 37 | 19.51 | 19.36 | 19.30 | | |
| 15 | QPSK | 1 | 74 | 19.55 | 19.43 | 19.48 | | |
| 15 | QPSK | 36 | 0 | 19.44 | 19.51 | 19.44 | 20.8 | 0 |
| 15 | QPSK | 36 | 20 | 19.46 | 19.36 | 19.47 | | |
| 15 | QPSK | 36 | 39 | 19.52 | 19.52 | 19.43 | | |
| 15 | QPSK | 75 | 0 | 19.33 | 19.42 | 19.46 | | |
| 15 | 16QAM | 1 | 0 | 19.29 | 19.43 | 19.34 | 20.8 | 0 |
| 15 | 16QAM | 1 | 37 | 19.52 | 19.50 | 19.36 | | |
| 15 | 16QAM | 1 | 74 | 19.43 | 19.61 | 19.59 | | |
| 15 | 16QAM | 36 | 0 | 19.36 | 19.52 | 19.48 | 20.8 | 0 |
| 15 | 16QAM | 36 | 20 | 19.52 | 19.40 | 19.43 | | |
| 15 | 16QAM | 36 | 39 | 19.38 | 19.47 | 19.52 | | |
| 15 | 16QAM | 75 | 0 | 19.37 | 19.48 | 19.47 | | |
| 15 | 64QAM | 1 | 0 | 19.48 | 19.56 | 19.51 | 20.8 | 0 |
| 15 | 64QAM | 1 | 37 | 19.52 | 19.44 | 19.56 | | |
| 15 | 64QAM | 1 | 74 | 19.50 | 19.62 | 19.60 | | |
| 15 | 64QAM | 36 | 0 | 19.39 | 19.42 | 19.39 | 20.8 | 0 |
| 15 | 64QAM | 36 | 20 | 19.46 | 19.57 | 19.43 | | |
| 15 | 64QAM | 36 | 39 | 19.40 | 19.59 | 19.59 | | |
| 15 | 64QAM | 75 | 0 | 19.54 | 19.54 | 19.61 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.52 | 19.56 | 19.53 | 20.8 | 0 |
| 10 | QPSK | 1 | 25 | 19.53 | 19.37 | 19.31 | | |
| 10 | QPSK | 1 | 49 | 19.52 | 19.48 | 19.43 | | |
| 10 | QPSK | 25 | 0 | 19.46 | 19.53 | 19.42 | 20.8 | 0 |
| 10 | QPSK | 25 | 12 | 19.39 | 19.44 | 19.47 | | |
| 10 | QPSK | 25 | 25 | 19.52 | 19.44 | 19.48 | | |
| 10 | QPSK | 50 | 0 | 19.29 | 19.44 | 19.40 | | |
| 10 | 16QAM | 1 | 0 | 19.30 | 19.39 | 19.29 | 20.8 | 0 |
| 10 | 16QAM | 1 | 25 | 19.56 | 19.46 | 19.38 | | |
| 10 | 16QAM | 1 | 49 | 19.47 | 19.68 | 19.67 | | |
| 10 | 16QAM | 25 | 0 | 19.38 | 19.52 | 19.48 | 20.8 | 0 |
| 10 | 16QAM | 25 | 12 | 19.52 | 19.43 | 19.50 | | |
| 10 | 16QAM | 25 | 25 | 19.43 | 19.36 | 19.49 | | |
| 10 | 16QAM | 50 | 0 | 19.42 | 19.51 | 19.55 | | |
| 10 | 64QAM | 1 | 0 | 19.46 | 19.53 | 19.51 | 20.8 | 0 |
| 10 | 64QAM | 1 | 25 | 19.57 | 19.54 | 19.57 | | |
| 10 | 64QAM | 1 | 49 | 19.44 | 19.58 | 19.61 | | |
| 10 | 64QAM | 25 | 0 | 19.44 | 19.46 | 19.44 | 20.8 | 0 |
| 10 | 64QAM | 25 | 12 | 19.44 | 19.64 | 19.41 | | |
| 10 | 64QAM | 25 | 25 | 19.37 | 19.54 | 19.55 | | |
| 10 | 64QAM | 50 | 0 | 19.58 | 19.52 | 19.60 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.40 | 19.52 | 19.59 | 20.8 | 0 |
| 5 | QPSK | 1 | 12 | 19.49 | 19.35 | 19.38 | | |
| 5 | QPSK | 1 | 24 | 19.59 | 19.46 | 19.51 | | |
| 5 | QPSK | 12 | 0 | 19.40 | 19.58 | 19.50 | 20.8 | 0 |
| 5 | QPSK | 12 | 7 | 19.46 | 19.41 | 19.47 | | |
| 5 | QPSK | 12 | 13 | 19.55 | 19.40 | 19.45 | | |
| 5 | QPSK | 25 | 0 | 19.39 | 19.44 | 19.47 | | |
| 5 | 16QAM | 1 | 0 | 19.36 | 19.36 | 19.27 | 20.8 | 0 |
| 5 | 16QAM | 1 | 12 | 19.55 | 19.57 | 19.43 | | |
| 5 | 16QAM | 1 | 24 | 19.52 | 19.60 | 19.65 | | |
| 5 | 16QAM | 12 | 0 | 19.43 | 19.53 | 19.42 | 20.8 | 0 |
| 5 | 16QAM | 12 | 7 | 19.42 | 19.34 | 19.49 | | |
| 5 | 16QAM | 12 | 13 | 19.43 | 19.41 | 19.58 | | |
| 5 | 16QAM | 25 | 0 | 19.35 | 19.46 | 19.51 | | |
| 5 | 64QAM | 1 | 0 | 19.44 | 19.49 | 19.44 | 20.8 | 0 |
| 5 | 64QAM | 1 | 12 | 19.61 | 19.55 | 19.52 | | |
| 5 | 64QAM | 1 | 24 | 19.42 | 19.52 | 19.63 | | |
| 5 | 64QAM | 12 | 0 | 19.43 | 19.46 | 19.37 | 20.8 | 0 |
| 5 | 64QAM | 12 | 7 | 19.41 | 19.58 | 19.39 | | |
| 5 | 64QAM | 12 | 13 | 19.38 | 19.52 | 19.60 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.51 | 19.54 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.46 | 19.61 | 19.52 | 20.8 | 0 |
| 3 | QPSK | 1 | 8 | 19.53 | 19.35 | 19.34 | | |
| 3 | QPSK | 1 | 14 | 19.49 | 19.48 | 19.48 | | |
| 3 | QPSK | 8 | 0 | 19.42 | 19.58 | 19.44 | 20.8 | 0 |
| 3 | QPSK | 8 | 4 | 19.38 | 19.34 | 19.46 | | |
| 3 | QPSK | 8 | 7 | 19.50 | 19.48 | 19.50 | | |
| 3 | QPSK | 15 | 0 | 19.31 | 19.42 | 19.40 | | |
| 3 | 16QAM | 1 | 0 | 19.25 | 19.32 | 19.32 | 20.8 | 0 |
| 3 | 16QAM | 1 | 8 | 19.48 | 19.54 | 19.37 | | |
| 3 | 16QAM | 1 | 14 | 19.45 | 19.65 | 19.57 | | |
| 3 | 16QAM | 8 | 0 | 19.43 | 19.56 | 19.39 | 20.8 | 0 |
| 3 | 16QAM | 8 | 4 | 19.47 | 19.42 | 19.40 | | |
| 3 | 16QAM | 8 | 7 | 19.39 | 19.43 | 19.56 | | |
| 3 | 16QAM | 15 | 0 | 19.45 | 19.52 | 19.47 | | |
| 3 | 64QAM | 1 | 0 | 19.51 | 19.50 | 19.42 | 20.8 | 0 |
| 3 | 64QAM | 1 | 8 | 19.52 | 19.52 | 19.52 | | |
| 3 | 64QAM | 1 | 14 | 19.46 | 19.58 | 19.54 | | |
| 3 | 64QAM | 8 | 0 | 19.46 | 19.45 | 19.41 | 20.8 | 0 |
| 3 | 64QAM | 8 | 4 | 19.47 | 19.66 | 19.41 | | |
| 3 | 64QAM | 8 | 7 | 19.33 | 19.55 | 19.52 | | |
| 3 | 64QAM | 15 | 0 | 19.47 | 19.46 | 19.54 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.47 | 19.54 | 19.50 | 20.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.44 | 19.31 | 19.32 | | |
| 1.4 | QPSK | 1 | 5 | 19.47 | 19.49 | 19.45 | | |
| 1.4 | QPSK | 3 | 0 | 19.44 | 19.53 | 19.50 | | |
| 1.4 | QPSK | 3 | 1 | 19.49 | 19.41 | 19.53 | | |
| 1.4 | QPSK | 3 | 3 | 19.52 | 19.46 | 19.44 | | |
| 1.4 | QPSK | 6 | 0 | 19.34 | 19.49 | 19.36 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.25 | 19.40 | 19.28 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.51 | 19.47 | 19.35 | | |
| 1.4 | 16QAM | 1 | 5 | 19.41 | 19.65 | 19.61 | | |
| 1.4 | 16QAM | 3 | 0 | 19.37 | 19.53 | 19.49 | | |
| 1.4 | 16QAM | 3 | 1 | 19.51 | 19.38 | 19.48 | | |
| 1.4 | 16QAM | 3 | 3 | 19.41 | 19.40 | 19.60 | | |
| 1.4 | 16QAM | 6 | 0 | 19.37 | 19.48 | 19.54 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.47 | 19.50 | 19.45 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.54 | 19.55 | 19.59 | | |
| 1.4 | 64QAM | 1 | 5 | 19.46 | 19.53 | 19.58 | | |
| 1.4 | 64QAM | 3 | 0 | 19.35 | 19.51 | 19.35 | | |
| 1.4 | 64QAM | 3 | 1 | 19.43 | 19.59 | 19.38 | | |
| 1.4 | 64QAM | 3 | 3 | 19.31 | 19.50 | 19.60 | | |
| 1.4 | 64QAM | 6 | 0 | 19.58 | 19.52 | 19.59 | 20.8 | 0 |

## Band 7 Ant 1 DSI9

| BW [MHz] | 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 | 18.48 | 18.59 | 18.52 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.52 | 18.30 | 18.34 | | |
| 20 | QPSK | 1 | 99 | 18.56 | 18.49 | 18.46 | | |
| 20 | QPSK | 50 | 0 | 18.46 | 18.57 | 18.40 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.43 | 18.40 | 18.45 | | |
| 20 | QPSK | 50 | 50 | 18.44 | 18.51 | 18.41 | | |
| 20 | QPSK | 100 | 0 | 18.39 | 18.48 | 18.37 | | |
| 20 | 16QAM | 1 | 0 | 18.24 | 18.35 | 18.29 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.56 | 18.51 | 18.34 | | |
| 20 | 16QAM | 1 | 99 | 18.47 | 18.51 | 18.47 | | |
| 20 | 16QAM | 50 | 0 | 18.35 | 18.49 | 18.41 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.43 | 18.42 | 18.49 | | |
| 20 | 16QAM | 50 | 50 | 18.40 | 18.41 | 18.50 | | |
| 20 | 16QAM | 100 | 0 | 18.38 | 18.55 | 18.53 | | |
| 20 | 64QAM | 1 | 0 | 18.49 | 18.57 | 18.47 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.50 | 18.55 | 18.52 | | |
| 20 | 64QAM | 1 | 99 | 18.45 | 18.58 | 18.40 | | |
| 20 | 64QAM | 50 | 0 | 18.44 | 18.50 | 18.39 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.45 | 18.46 | 18.43 | | |
| 20 | 64QAM | 50 | 50 | 18.31 | 18.53 | 18.55 | | |
| 20 | 64QAM | 100 | 0 | 18.54 | 18.49 | 18.46 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.38 | 18.50 | 18.46 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.43 | 18.26 | 18.22 | | |
| 15 | QPSK | 1 | 74 | 18.50 | 18.43 | 18.42 | | |
| 15 | QPSK | 36 | 0 | 18.35 | 18.43 | 18.31 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.32 | 18.31 | 18.36 | | |
| 15 | QPSK | 36 | 39 | 18.32 | 18.46 | 18.32 | | |
| 15 | QPSK | 75 | 0 | 18.26 | 18.36 | 18.23 | | |
| 15 | 16QAM | 1 | 0 | 18.17 | 18.31 | 18.21 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.47 | 18.46 | 18.20 | | |
| 15 | 16QAM | 1 | 74 | 18.34 | 18.30 | 18.52 | | |
| 15 | 16QAM | 36 | 0 | 18.25 | 18.46 | 18.27 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.33 | 18.34 | 18.35 | | |
| 15 | 16QAM | 36 | 39 | 18.30 | 18.35 | 18.37 | | |
| 15 | 16QAM | 75 | 0 | 18.25 | 18.50 | 18.48 | | |
| 15 | 64QAM | 1 | 0 | 18.37 | 18.52 | 18.43 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.50 | 18.43 | 18.53 | | |
| 15 | 64QAM | 1 | 74 | 18.37 | 18.50 | 18.47 | | |
| 15 | 64QAM | 36 | 0 | 18.35 | 18.43 | 18.36 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.39 | 18.58 | 18.39 | | |
| 15 | 64QAM | 36 | 39 | 18.19 | 18.41 | 18.51 | | |
| 15 | 64QAM | 75 | 0 | 18.46 | 18.41 | 18.55 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.43 | 18.52 | 18.41 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.45 | 18.21 | 18.22 | | |
| 10 | QPSK | 1 | 49 | 18.47 | 18.40 | 18.42 | | |
| 10 | QPSK | 25 | 0 | 18.34 | 18.51 | 18.35 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.40 | 18.29 | 18.41 | | |
| 10 | QPSK | 25 | 25 | 18.36 | 18.37 | 18.33 | | |
| 10 | QPSK | 50 | 0 | 18.27 | 18.36 | 18.32 | | |
| 10 | 16QAM | 1 | 0 | 18.19 | 18.31 | 18.15 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.48 | 18.47 | 18.27 | | |
| 10 | 16QAM | 1 | 49 | 18.37 | 18.55 | 18.45 | | |
| 10 | 16QAM | 25 | 0 | 18.23 | 18.44 | 18.30 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.32 | 18.33 | 18.37 | | |
| 10 | 16QAM | 25 | 25 | 18.35 | 18.29 | 18.36 | | |
| 10 | 16QAM | 50 | 0 | 18.31 | 18.43 | 18.41 | | |
| 10 | 64QAM | 1 | 0 | 18.40 | 18.53 | 18.43 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.56 | 18.40 | 18.50 | | |
| 10 | 64QAM | 1 | 49 | 18.31 | 18.45 | 18.55 | | |
| 10 | 64QAM | 25 | 0 | 18.36 | 18.44 | 18.31 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.35 | 18.50 | 18.38 | | |
| 10 | 64QAM | 25 | 25 | 18.21 | 18.47 | 18.49 | | |
| 10 | 64QAM | 50 | 0 | 18.41 | 18.36 | 18.56 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.34 | 18.46 | 18.46 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.45 | 18.23 | 18.29 | | |
| 5 | QPSK | 1 | 24 | 18.50 | 18.45 | 18.35 | | |
| 5 | QPSK | 12 | 0 | 18.31 | 18.54 | 18.27 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.34 | 18.34 | 18.35 | | |
| 5 | QPSK | 12 | 13 | 18.37 | 18.38 | 18.26 | | |
| 5 | QPSK | 25 | 0 | 18.25 | 18.34 | 18.30 | | |
| 5 | 16QAM | 1 | 0 | 18.11 | 18.28 | 18.15 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.42 | 18.48 | 18.22 | | |
| 5 | 16QAM | 1 | 24 | 18.41 | 18.41 | 18.43 | | |
| 5 | 16QAM | 12 | 0 | 18.30 | 18.45 | 18.29 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.33 | 18.30 | 18.41 | | |
| 5 | 16QAM | 12 | 13 | 18.32 | 18.28 | 18.45 | | |
| 5 | 16QAM | 25 | 0 | 18.23 | 18.51 | 18.42 | | |
| 5 | 64QAM | 1 | 0 | 18.45 | 18.51 | 18.35 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.49 | 18.48 | 18.39 | | |
| 5 | 64QAM | 1 | 24 | 18.32 | 18.52 | 18.46 | | |
| 5 | 64QAM | 12 | 0 | 18.38 | 18.40 | 18.26 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.39 | 18.51 | 18.30 | | |
| 5 | 64QAM | 12 | 13 | 18.24 | 18.44 | 18.50 | | |
| 5 | 64QAM | 25 | 0 | 18.46 | 18.38 | 18.48 | | |

## Band 25 Ant 1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 19.40 | 19.63 | 19.58 | 20.9 | 0 |
| 20 | QPSK | 1 | 49 | 19.38 | 19.35 | 19.39 | | |
| 20 | QPSK | 1 | 99 | 19.51 | 19.45 | 19.50 | | |
| 20 | QPSK | 50 | 0 | 19.52 | 19.57 | 19.50 | 20.9 | 0 |
| 20 | QPSK | 50 | 24 | 19.37 | 19.44 | 19.52 | | |
| 20 | QPSK | 50 | 50 | 19.43 | 19.44 | 19.55 | | |
| 20 | QPSK | 100 | 0 | 19.46 | 19.51 | 19.49 | | |
| 20 | 16QAM | 1 | 0 | 19.41 | 19.44 | 19.38 | 20.9 | 0 |
| 20 | 16QAM | 1 | 49 | 19.54 | 19.58 | 19.49 | | |
| 20 | 16QAM | 1 | 99 | 19.53 | 19.56 | 19.43 | | |
| 20 | 16QAM | 50 | 0 | 19.36 | 19.50 | 19.40 | 20.9 | 0 |
| 20 | 16QAM | 50 | 24 | 19.44 | 19.39 | 19.45 | | |
| 20 | 16QAM | 50 | 50 | 19.36 | 19.52 | 19.52 | | |
| 20 | 16QAM | 100 | 0 | 19.37 | 19.41 | 19.50 | | |
| 20 | 64QAM | 1 | 0 | 19.40 | 19.50 | 19.48 | 20.9 | 0 |
| 20 | 64QAM | 1 | 49 | 19.49 | 19.51 | 19.61 | | |
| 20 | 64QAM | 1 | 99 | 19.43 | 19.45 | 19.51 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.39 | 19.40 | 20.9 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.60 | 19.55 | | |
| 20 | 64QAM | 50 | 50 | 19.43 | 19.50 | 19.57 | | |
| 20 | 64QAM | 100 | 0 | 19.37 | 19.48 | 19.42 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 19.33 | 19.49 | 19.48 | 20.9 | 0 |
| 15 | QPSK | 1 | 37 | 19.26 | 19.24 | 19.30 | | |
| 15 | QPSK | 1 | 74 | 19.41 | 19.34 | 19.39 | | |
| 15 | QPSK | 36 | 0 | 19.46 | 19.51 | 19.44 | 20.9 | 0 |
| 15 | QPSK | 36 | 20 | 19.28 | 19.37 | 19.41 | | |
| 15 | QPSK | 36 | 39 | 19.29 | 19.37 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.36 | 19.45 | 19.40 | | |
| 15 | 16QAM | 1 | 0 | 19.38 | 19.33 | 19.23 | 20.9 | 0 |
| 15 | 16QAM | 1 | 37 | 19.41 | 19.48 | 19.36 | | |
| 15 | 16QAM | 1 | 74 | 19.46 | 19.42 | 19.52 | | |
| 15 | 16QAM | 36 | 0 | 19.24 | 19.38 | 19.37 | 20.9 | 0 |
| 15 | 16QAM | 36 | 20 | 19.36 | 19.26 | 19.34 | | |
| 15 | 16QAM | 36 | 39 | 19.23 | 19.38 | 19.47 | | |
| 15 | 16QAM | 75 | 0 | 19.26 | 19.32 | 19.41 | | |
| 15 | 64QAM | 1 | 0 | 19.28 | 19.46 | 19.39 | 20.9 | 0 |
| 15 | 64QAM | 1 | 37 | 19.39 | 19.44 | 19.53 | | |
| 15 | 64QAM | 1 | 74 | 19.37 | 19.39 | 19.39 | | |
| 15 | 64QAM | 36 | 0 | 19.36 | 19.25 | 19.28 | 20.9 | 0 |
| 15 | 64QAM | 36 | 20 | 19.32 | 19.47 | 19.60 | | |
| 15 | 64QAM | 36 | 39 | 19.40 | 19.39 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.33 | 19.45 | 19.38 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 19.32 | 19.53 | 19.53 | 20.9 | 0 |
| 10 | QPSK | 1 | 25 | 19.34 | 19.21 | 19.35 | | |
| 10 | QPSK | 1 | 49 | 19.38 | 19.36 | 19.35 | | |
| 10 | QPSK | 25 | 0 | 19.43 | 19.50 | 19.35 | 20.9 | 0 |
| 10 | QPSK | 25 | 12 | 19.31 | 19.38 | 19.42 | | |
| 10 | QPSK | 25 | 25 | 19.36 | 19.36 | 19.49 | | |
| 10 | QPSK | 50 | 0 | 19.40 | 19.41 | 19.36 | | |
| 10 | 16QAM | 1 | 0 | 19.38 | 19.39 | 19.27 | 20.9 | 0 |
| 10 | 16QAM | 1 | 25 | 19.42 | 19.45 | 19.39 | | |
| 10 | 16QAM | 1 | 49 | 19.39 | 19.44 | 19.59 | | |
| 10 | 16QAM | 25 | 0 | 19.23 | 19.46 | 19.33 | 20.9 | 0 |
| 10 | 16QAM | 25 | 12 | 19.32 | 19.25 | 19.35 | | |
| 10 | 16QAM | 25 | 25 | 19.31 | 19.45 | 19.44 | | |
| 10 | 16QAM | 50 | 0 | 19.25 | 19.36 | 19.42 | | |
| 10 | 64QAM | 1 | 0 | 19.29 | 19.44 | 19.41 | 20.9 | 0 |
| 10 | 64QAM | 1 | 25 | 19.44 | 19.38 | 19.55 | | |
| 10 | 64QAM | 1 | 49 | 19.35 | 19.37 | 19.37 | | |
| 10 | 64QAM | 25 | 0 | 19.33 | 19.35 | 19.32 | 20.9 | 0 |
| 10 | 64QAM | 25 | 12 | 19.35 | 19.45 | 19.52 | | |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.42 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.28 | 19.39 | 19.37 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 19.31 | 19.59 | 19.53 | 20.9 | 0 |
| 5 | QPSK | 1 | 12 | 19.33 | 19.26 | 19.27 | | |
| 5 | QPSK | 1 | 24 | 19.42 | 19.32 | 19.45 | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.49 | 19.46 | 20.9 | 0 |
| 5 | QPSK | 12 | 7 | 19.26 | 19.40 | 19.48 | | |
| 5 | QPSK | 12 | 13 | 19.30 | 19.29 | 19.41 | | |
| 5 | QPSK | 25 | 0 | 19.36 | 19.38 | 19.43 | | |
| 5 | 16QAM | 1 | 0 | 19.32 | 19.33 | 19.24 | 20.9 | 0 |
| 5 | 16QAM | 1 | 12 | 19.47 | 19.48 | 19.37 | | |
| 5 | 16QAM | 1 | 24 | 19.43 | 19.43 | 19.56 | | |
| 5 | 16QAM | 12 | 0 | 19.27 | 19.38 | 19.29 | 20.9 | 0 |
| 5 | 16QAM | 12 | 7 | 19.34 | 19.27 | 19.33 | | |
| 5 | 16QAM | 12 | 13 | 19.29 | 19.38 | 19.42 | | |
| 5 | 16QAM | 25 | 0 | 19.32 | 19.27 | 19.44 | | |
| 5 | 64QAM | 1 | 0 | 19.31 | 19.45 | 19.37 | 20.9 | 0 |
| 5 | 64QAM | 1 | 12 | 19.34 | 19.42 | 19.48 | | |
| 5 | 64QAM | 1 | 24 | 19.39 | 19.34 | 19.45 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.29 | 19.25 | 20.9 | 0 |
| 5 | 64QAM | 12 | 7 | 19.33 | 19.46 | 19.59 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.41 | 19.42 | | |
| 5 | 64QAM | 25 | 0 | 19.25 | 19.42 | 19.39 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 19.26 | 19.54 | 19.53 | 20.9 | 0 |
| 3 | QPSK | 1 | 8 | 19.28 | 19.23 | 19.35 | | |
| 3 | QPSK | 1 | 14 | 19.38 | 19.31 | 19.37 | | |
| 3 | QPSK | 8 | 0 | 19.38 | 19.49 | 19.46 | 20.9 | 0 |
| 3 | QPSK | 8 | 4 | 19.33 | 19.34 | 19.48 | | |
| 3 | QPSK | 8 | 7 | 19.37 | 19.37 | 19.47 | | |
| 3 | QPSK | 15 | 0 | 19.41 | 19.43 | 19.41 | | |
| 3 | 16QAM | 1 | 0 | 19.37 | 19.37 | 19.25 | 20.9 | 0 |
| 3 | 16QAM | 1 | 8 | 19.41 | 19.52 | 19.42 | | |
| 3 | 16QAM | 1 | 14 | 19.47 | 19.48 | 19.54 | | |
| 3 | 16QAM | 8 | 0 | 19.31 | 19.43 | 19.25 | 20.9 | 0 |
| 3 | 16QAM | 8 | 4 | 19.31 | 19.34 | 19.39 | | |
| 3 | 16QAM | 8 | 7 | 19.21 | 19.46 | 19.42 | | |
| 3 | 16QAM | 15 | 0 | 19.24 | 19.35 | 19.37 | | |
| 3 | 64QAM | 1 | 0 | 19.26 | 19.36 | 19.40 | 20.9 | 0 |
| 3 | 64QAM | 1 | 8 | 19.39 | 19.44 | 19.47 | | |
| 3 | 64QAM | 1 | 14 | 19.35 | 19.30 | 19.42 | | |
| 3 | 64QAM | 8 | 0 | 19.26 | 19.27 | 19.33 | 20.9 | 0 |
| 3 | 64QAM | 8 | 4 | 19.31 | 19.56 | 19.51 | | |
| 3 | 64QAM | 8 | 7 | 19.36 | 19.45 | 19.50 | | |
| 3 | 64QAM | 15 | 0 | 19.29 | 19.41 | 19.36 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.30 | 19.50 | 19.44 | 20.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.25 | 19.20 | 19.26 | | |
| 1.4 | QPSK | 1 | 5 | 19.45 | 19.40 | 19.44 | | |
| 1.4 | QPSK | 3 | 0 | 19.48 | 19.48 | 19.44 | | |
| 1.4 | QPSK | 3 | 1 | 19.30 | 19.30 | 19.47 | | |
| 1.4 | QPSK | 3 | 3 | 19.34 | 19.40 | 19.45 | | |
| 1.4 | QPSK | 6 | 0 | 19.40 | 19.37 | 19.37 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.36 | 19.31 | 19.24 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.46 | 19.45 | 19.46 | | |
| 1.4 | 16QAM | 1 | 5 | 19.41 | 19.48 | 19.51 | | |
| 1.4 | 16QAM | 3 | 0 | 19.23 | 19.44 | 19.27 | | |
| 1.4 | 16QAM | 3 | 1 | 19.38 | 19.28 | 19.41 | | |
| 1.4 | 16QAM | 3 | 3 | 19.28 | 19.46 | 19.38 | | |
| 1.4 | 16QAM | 6 | 0 | 19.28 | 19.36 | 19.45 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.30 | 19.43 | 19.44 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.37 | 19.38 | 19.52 | | |
| 1.4 | 64QAM | 1 | 5 | 19.31 | 19.32 | 19.41 | | |
| 1.4 | 64QAM | 3 | 0 | 19.32 | 19.33 | 19.34 | | |
| 1.4 | 64QAM | 3 | 1 | 19.31 | 19.47 | 19.54 | | |
| 1.4 | 64QAM | 3 | 3 | 19.40 | 19.42 | 19.46 | | |
| 1.4 | 64QAM | 6 | 0 | 19.31 | 19.44 | 19.34 | 20.9 | 0 |

## Band 66 Ant 1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.28 | 19.56 | 19.45 | 20.8 | 0 |
| 20 | QPSK | 1 | 49 | 19.24 | 19.30 | 19.33 | | |
| 20 | QPSK | 1 | 99 | 19.43 | 19.36 | 19.40 | | |
| 20 | QPSK | 50 | 0 | 19.48 | 19.51 | 19.35 | 20.8 | 0 |
| 20 | QPSK | 50 | 24 | 19.32 | 19.29 | 19.39 | | |
| 20 | QPSK | 50 | 50 | 19.32 | 19.34 | 19.48 | | |
| 20 | QPSK | 100 | 0 | 19.32 | 19.47 | 19.39 | | |
| 20 | 16QAM | 1 | 0 | 19.36 | 19.34 | 19.24 | 20.8 | 0 |
| 20 | 16QAM | 1 | 49 | 19.40 | 19.48 | 19.40 | | |
| 20 | 16QAM | 1 | 99 | 19.48 | 19.46 | 19.36 | | |
| 20 | 16QAM | 50 | 0 | 19.29 | 19.41 | 19.32 | 20.8 | 0 |
| 20 | 16QAM | 50 | 24 | 19.39 | 19.26 | 19.41 | | |
| 20 | 16QAM | 50 | 50 | 19.25 | 19.45 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.32 | 19.30 | 19.38 | | |
| 20 | 64QAM | 1 | 0 | 19.33 | 19.42 | 19.36 | 20.8 | 0 |
| 20 | 64QAM | 1 | 49 | 19.36 | 19.45 | 19.49 | | |
| 20 | 64QAM | 1 | 99 | 19.37 | 19.41 | 19.37 | | |
| 20 | 64QAM | 50 | 0 | 19.30 | 19.29 | 19.36 | 20.8 | 0 |
| 20 | 64QAM | 50 | 24 | 19.36 | 19.51 | 19.50 | | |
| 20 | 64QAM | 50 | 50 | 19.36 | 19.36 | 19.53 | | |
| 20 | 64QAM | 100 | 0 | 19.25 | 19.33 | 19.27 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.17 | 19.48 | 19.32 | 20.8 | 0 |
| 15 | QPSK | 1 | 37 | 19.14 | 19.22 | 19.29 | | |
| 15 | QPSK | 1 | 74 | 19.35 | 19.30 | 19.32 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.38 | 19.31 | 20.8 | 0 |
| 15 | QPSK | 36 | 20 | 19.27 | 19.15 | 19.33 | | |
| 15 | QPSK | 36 | 39 | 19.22 | 19.31 | 19.34 | | |
| 15 | QPSK | 75 | 0 | 19.25 | 19.39 | 19.34 | | |
| 15 | 16QAM | 1 | 0 | 19.25 | 19.29 | 19.12 | 20.8 | 0 |
| 15 | 16QAM | 1 | 37 | 19.34 | 19.38 | 19.31 | | |
| 15 | 16QAM | 1 | 74 | 19.35 | 19.41 | 19.28 | | |
| 15 | 16QAM | 36 | 0 | 19.24 | 19.37 | 19.20 | 20.8 | 0 |
| 15 | 16QAM | 36 | 20 | 19.24 | 19.17 | 19.27 | | |
| 15 | 16QAM | 36 | 39 | 19.21 | 19.38 | 19.43 | | |
| 15 | 16QAM | 75 | 0 | 19.28 | 19.26 | 19.25 | | |
| 15 | 64QAM | 1 | 0 | 19.24 | 19.30 | 19.28 | 20.8 | 0 |
| 15 | 64QAM | 1 | 37 | 19.22 | 19.35 | 19.42 | | |
| 15 | 64QAM | 1 | 74 | 19.23 | 19.31 | 19.23 | | |
| 15 | 64QAM | 36 | 0 | 19.20 | 19.23 | 19.29 | 20.8 | 0 |
| 15 | 64QAM | 36 | 20 | 19.24 | 19.38 | 19.36 | | |
| 15 | 64QAM | 36 | 39 | 19.23 | 19.22 | 19.46 | | |
| 15 | 64QAM | 75 | 0 | 19.22 | 19.27 | 19.20 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.18 | 19.43 | 19.38 | 20.8 | 0 |
| 10 | QPSK | 1 | 25 | 19.13 | 19.27 | 19.25 | | |
| 10 | QPSK | 1 | 49 | 19.36 | 19.22 | 19.33 | | |
| 10 | QPSK | 25 | 0 | 19.37 | 19.39 | 19.30 | 20.8 | 0 |
| 10 | QPSK | 25 | 12 | 19.26 | 19.18 | 19.28 | | |
| 10 | QPSK | 25 | 25 | 19.22 | 19.29 | 19.36 | | |
| 10 | QPSK | 50 | 0 | 19.26 | 19.36 | 19.32 | | |
| 10 | 16QAM | 1 | 0 | 19.27 | 19.25 | 19.13 | 20.8 | 0 |
| 10 | 16QAM | 1 | 25 | 19.27 | 19.43 | 19.26 | | |
| 10 | 16QAM | 1 | 49 | 19.36 | 19.36 | 19.33 | | |
| 10 | 16QAM | 25 | 0 | 19.25 | 19.31 | 19.21 | 20.8 | 0 |
| 10 | 16QAM | 25 | 12 | 19.28 | 19.15 | 19.29 | | |
| 10 | 16QAM | 25 | 25 | 19.11 | 19.36 | 19.45 | | |
| 10 | 16QAM | 50 | 0 | 19.25 | 19.26 | 19.27 | | |
| 10 | 64QAM | 1 | 0 | 19.21 | 19.31 | 19.21 | 20.8 | 0 |
| 10 | 64QAM | 1 | 25 | 19.27 | 19.38 | 19.44 | | |
| 10 | 64QAM | 1 | 49 | 19.33 | 19.34 | 19.31 | | |
| 10 | 64QAM | 25 | 0 | 19.18 | 19.24 | 19.22 | 20.8 | 0 |
| 10 | 64QAM | 25 | 12 | 19.25 | 19.40 | 19.45 | | |
| 10 | 64QAM | 25 | 25 | 19.22 | 19.23 | 19.43 | | |
| 10 | 64QAM | 50 | 0 | 19.12 | 19.24 | 19.15 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.19 | 19.51 | 19.32 | 20.8 | 0 |
| 5 | QPSK | 1 | 12 | 19.09 | 19.16 | 19.24 | | |
| 5 | QPSK | 1 | 24 | 19.40 | 19.29 | 19.25 | | |
| 5 | QPSK | 12 | 0 | 19.44 | 19.37 | 19.28 | 20.8 | 0 |
| 5 | QPSK | 12 | 7 | 19.23 | 19.23 | 19.26 | | |
| 5 | QPSK | 12 | 13 | 19.17 | 19.22 | 19.36 | | |
| 5 | QPSK | 25 | 0 | 19.23 | 19.35 | 19.34 | | |
| 5 | 16QAM | 1 | 0 | 19.29 | 19.28 | 19.15 | 20.8 | 0 |
| 5 | 16QAM | 1 | 12 | 19.27 | 19.38 | 19.29 | | |
| 5 | 16QAM | 1 | 24 | 19.36 | 19.41 | 19.30 | | |
| 5 | 16QAM | 12 | 0 | 19.23 | 19.33 | 19.26 | 20.8 | 0 |
| 5 | 16QAM | 12 | 7 | 19.26 | 19.17 | 19.35 | | |
| 5 | 16QAM | 12 | 13 | 19.13 | 19.35 | 19.35 | | |
| 5 | 16QAM | 25 | 0 | 19.26 | 19.18 | 19.27 | | |
| 5 | 64QAM | 1 | 0 | 19.29 | 19.28 | 19.28 | 20.8 | 0 |
| 5 | 64QAM | 1 | 12 | 19.28 | 19.32 | 19.41 | | |
| 5 | 64QAM | 1 | 24 | 19.28 | 19.37 | 19.27 | | |
| 5 | 64QAM | 12 | 0 | 19.19 | 19.17 | 19.28 | 20.8 | 0 |
| 5 | 64QAM | 12 | 7 | 19.28 | 19.38 | 19.47 | | |
| 5 | 64QAM | 12 | 13 | 19.27 | 19.27 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.12 | 19.27 | 19.17 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.21 | 19.44 | 19.38 | 20.8 | 0 |
| 3 | QPSK | 1 | 8 | 19.10 | 19.18 | 19.29 | | |
| 3 | QPSK | 1 | 14 | 19.39 | 19.30 | 19.34 | | |
| 3 | QPSK | 8 | 0 | 19.34 | 19.37 | 19.22 | 20.8 | 0 |
| 3 | QPSK | 8 | 4 | 19.22 | 19.15 | 19.27 | | |
| 3 | QPSK | 8 | 7 | 19.24 | 19.24 | 19.33 | | |
| 3 | QPSK | 15 | 0 | 19.21 | 19.33 | 19.25 | | |
| 3 | 16QAM | 1 | 0 | 19.21 | 19.26 | 19.18 | 20.8 | 0 |
| 3 | 16QAM | 1 | 8 | 19.30 | 19.41 | 19.32 | | |
| 3 | 16QAM | 1 | 14 | 19.43 | 19.34 | 19.30 | | |
| 3 | 16QAM | 8 | 0 | 19.15 | 19.31 | 19.26 | 20.8 | 0 |
| 3 | 16QAM | 8 | 4 | 19.33 | 19.23 | 19.30 | | |
| 3 | 16QAM | 8 | 7 | 19.12 | 19.38 | 19.40 | | |
| 3 | 16QAM | 15 | 0 | 19.23 | 19.15 | 19.35 | | |
| 3 | 64QAM | 1 | 0 | 19.20 | 19.33 | 19.30 | 20.8 | 0 |
| 3 | 64QAM | 1 | 8 | 19.31 | 19.31 | 19.44 | | |
| 3 | 64QAM | 1 | 14 | 19.31 | 19.37 | 19.25 | | |
| 3 | 64QAM | 8 | 0 | 19.16 | 19.15 | 19.31 | 20.8 | 0 |
| 3 | 64QAM | 8 | 4 | 19.21 | 19.47 | 19.47 | | |
| 3 | 64QAM | 8 | 7 | 19.27 | 19.31 | 19.47 | | |
| 3 | 64QAM | 15 | 0 | 19.19 | 19.25 | 19.22 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.13 | 19.46 | 19.40 | 20.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.16 | 19.19 | 19.24 | | |
| 1.4 | QPSK | 1 | 5 | 19.37 | 19.26 | 19.31 | | |
| 1.4 | QPSK | 3 | 0 | 19.37 | 19.45 | 19.27 | | |
| 1.4 | QPSK | 3 | 1 | 19.18 | 19.19 | 19.33 | | |
| 1.4 | QPSK | 3 | 3 | 19.24 | 19.19 | 19.36 | | |
| 1.4 | QPSK | 6 | 0 | 19.29 | 19.36 | 19.33 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.21 | 19.26 | 19.13 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.29 | 19.34 | 19.29 | | |
| 1.4 | 16QAM | 1 | 5 | 19.43 | 19.32 | 19.33 | | |
| 1.4 | 16QAM | 3 | 0 | 19.25 | 19.29 | 19.27 | | |
| 1.4 | 16QAM | 3 | 1 | 19.32 | 19.20 | 19.33 | | |
| 1.4 | 16QAM | 3 | 3 | 19.21 | 19.35 | 19.43 | | |
| 1.4 | 16QAM | 6 | 0 | 19.20 | 19.26 | 19.30 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.19 | 19.28 | 19.28 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.26 | 19.41 | 19.40 | | |
| 1.4 | 64QAM | 1 | 5 | 19.27 | 19.27 | 19.24 | | |
| 1.4 | 64QAM | 3 | 0 | 19.26 | 19.22 | 19.26 | | |
| 1.4 | 64QAM | 3 | 1 | 19.23 | 19.43 | 19.37 | | |
| 1.4 | 64QAM | 3 | 3 | 19.28 | 19.32 | 19.41 | | |
| 1.4 | 64QAM | 6 | 0 | 19.20 | 19.27 | 19.19 | 20.8 | 0 |

## Band 38 Ant 1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.17 | 19.51 | 19.33 | 20.4 | 0 |
| 20 | QPSK | 1 | 49 | 19.10 | 19.22 | 19.23 | | |
| 20 | QPSK | 1 | 99 | 19.39 | 19.31 | 19.25 | | |
| 20 | QPSK | 50 | 0 | 19.34 | 19.44 | 19.31 | 20.4 | 0 |
| 20 | QPSK | 50 | 24 | 19.22 | 19.24 | 19.31 | | |
| 20 | QPSK | 50 | 50 | 19.29 | 19.25 | 19.35 | | |
| 20 | QPSK | 100 | 0 | 19.18 | 19.35 | 19.29 | | |
| 20 | 16QAM | 1 | 0 | 19.24 | 19.22 | 19.17 | 20.4 | 0 |
| 20 | 16QAM | 1 | 49 | 19.27 | 19.45 | 19.29 | | |
| 20 | 16QAM | 1 | 99 | 19.41 | 19.35 | 19.32 | | |
| 20 | 16QAM | 50 | 0 | 19.19 | 19.34 | 19.26 | 20.4 | 0 |
| 20 | 16QAM | 50 | 24 | 19.29 | 19.22 | 19.30 | | |
| 20 | 16QAM | 50 | 50 | 19.18 | 19.32 | 19.45 | | |
| 20 | 16QAM | 100 | 0 | 19.17 | 19.25 | 19.29 | | |
| 20 | 64QAM | 1 | 0 | 19.23 | 19.34 | 19.26 | 20.4 | 0 |
| 20 | 64QAM | 1 | 49 | 19.32 | 19.42 | 19.43 | | |
| 20 | 64QAM | 1 | 99 | 19.29 | 19.38 | 19.23 | | |
| 20 | 64QAM | 50 | 0 | 19.27 | 19.15 | 19.25 | 20.4 | 0 |
| 20 | 64QAM | 50 | 24 | 19.23 | 19.40 | 19.41 | | |
| 20 | 64QAM | 50 | 50 | 19.23 | 19.23 | 19.42 | | |
| 20 | 64QAM | 100 | 0 | 19.17 | 19.28 | 19.19 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.09 | 19.36 | 19.22 | 20.4 | 0 |
| 15 | QPSK | 1 | 37 | 19.01 | 19.09 | 19.12 | | |
| 15 | QPSK | 1 | 74 | 19.27 | 19.19 | 19.22 | | |
| 15 | QPSK | 36 | 0 | 19.25 | 19.38 | 19.19 | 20.4 | 0 |
| 15 | QPSK | 36 | 20 | 19.14 | 19.14 | 19.18 | | |
| 15 | QPSK | 36 | 39 | 19.21 | 19.14 | 19.25 | | |
| 15 | QPSK | 75 | 0 | 19.13 | 19.27 | 19.20 | | |
| 15 | 16QAM | 1 | 0 | 19.09 | 19.16 | 19.09 | 20.4 | 0 |
| 15 | 16QAM | 1 | 37 | 19.22 | 19.31 | 19.24 | | |
| 15 | 16QAM | 1 | 74 | 19.28 | 19.25 | 19.28 | | |
| 15 | 16QAM | 36 | 0 | 19.11 | 19.25 | 19.12 | 20.4 | 0 |
| 15 | 16QAM | 36 | 20 | 19.18 | 19.09 | 19.19 | | |
| 15 | 16QAM | 36 | 39 | 19.03 | 19.27 | 19.42 | | |
| 15 | 16QAM | 75 | 0 | 19.12 | 19.10 | 19.20 | | |
| 15 | 64QAM | 1 | 0 | 19.11 | 19.21 | 19.21 | 20.4 | 0 |
| 15 | 64QAM | 1 | 37 | 19.19 | 19.32 | 19.35 | | |
| 15 | 64QAM | 1 | 74 | 19.19 | 19.29 | 19.16 | | |
| 15 | 64QAM | 36 | 0 | 19.15 | 19.09 | 19.21 | 20.4 | 0 |
| 15 | 64QAM | 36 | 20 | 19.15 | 19.31 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.14 | 19.16 | 19.33 | | |
| 15 | 64QAM | 75 | 0 | 19.09 | 19.14 | 19.15 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.09 | 19.42 | 19.26 | 20.4 | 0 |
| 10 | QPSK | 1 | 25 | 19.06 | 19.15 | 19.18 | | |
| 10 | QPSK | 1 | 49 | 19.28 | 19.25 | 19.20 | | |
| 10 | QPSK | 25 | 0 | 19.25 | 19.35 | 19.25 | 20.4 | 0 |
| 10 | QPSK | 25 | 12 | 19.16 | 19.14 | 19.24 | | |
| 10 | QPSK | 25 | 25 | 19.15 | 19.10 | 19.29 | | |
| 10 | QPSK | 50 | 0 | 19.06 | 19.20 | 19.14 | | |
| 10 | 16QAM | 1 | 0 | 19.15 | 19.17 | 19.10 | 20.4 | 0 |
| 10 | 16QAM | 1 | 25 | 19.22 | 19.36 | 19.20 | | |
| 10 | 16QAM | 1 | 49 | 19.33 | 19.28 | 19.27 | | |
| 10 | 16QAM | 25 | 0 | 19.11 | 19.29 | 19.20 | 20.4 | 0 |
| 10 | 16QAM | 25 | 12 | 19.15 | 19.16 | 19.17 | | |
| 10 | 16QAM | 25 | 25 | 19.14 | 19.21 | 19.32 | | |
| 10 | 16QAM | 50 | 0 | 19.07 | 19.19 | 19.18 | | |
| 10 | 64QAM | 1 | 0 | 19.18 | 19.19 | 19.11 | 20.4 | 0 |
| 10 | 64QAM | 1 | 25 | 19.27 | 19.32 | 19.39 | | |
| 10 | 64QAM | 1 | 49 | 19.22 | 19.27 | 19.19 | | |
| 10 | 64QAM | 25 | 0 | 19.17 | 19.07 | 19.20 | 20.4 | 0 |
| 10 | 64QAM | 25 | 12 | 19.09 | 19.26 | 19.29 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.14 | 19.30 | | |
| 10 | 64QAM | 50 | 0 | 19.13 | 19.19 | 19.07 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.12 | 19.40 | 19.24 | 20.4 | 0 |
| 5 | QPSK | 1 | 12 | 19.01 | 19.12 | 19.14 | | |
| 5 | QPSK | 1 | 24 | 19.33 | 19.17 | 19.21 | | |
| 5 | QPSK | 12 | 0 | 19.27 | 19.30 | 19.20 | 20.4 | 0 |
| 5 | QPSK | 12 | 7 | 19.11 | 19.13 | 19.26 | | |
| 5 | QPSK | 12 | 13 | 19.26 | 19.22 | 19.27 | | |
| 5 | QPSK | 25 | 0 | 19.07 | 19.31 | 19.22 | | |
| 5 | 16QAM | 1 | 0 | 19.16 | 19.09 | 19.13 | 20.4 | 0 |
| 5 | 16QAM | 1 | 12 | 19.12 | 19.31 | 19.25 | | |
| 5 | 16QAM | 1 | 24 | 19.28 | 19.26 | 19.26 | | |
| 5 | 16QAM | 12 | 0 | 19.06 | 19.20 | 19.22 | 20.4 | 0 |
| 5 | 16QAM | 12 | 7 | 19.18 | 19.08 | 19.21 | | |
| 5 | 16QAM | 12 | 13 | 19.03 | 19.27 | 19.34 | | |
| 5 | 16QAM | 25 | 0 | 19.09 | 19.20 | 19.17 | | |
| 5 | 64QAM | 1 | 0 | 19.12 | 19.25 | 19.14 | 20.4 | 0 |
| 5 | 64QAM | 1 | 12 | 19.26 | 19.31 | 19.34 | | |
| 5 | 64QAM | 1 | 24 | 19.21 | 19.26 | 19.10 | | |
| 5 | 64QAM | 12 | 0 | 19.20 | 19.08 | 19.22 | 20.4 | 0 |
| 5 | 64QAM | 12 | 7 | 19.14 | 19.25 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.15 | 19.12 | 19.34 | | |

## Band 41 Ant 1 DSI9

| 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 | 19.37 | 19.27 | 19.40 | 19.30 | 19.24 | 20.4 | 0 |
| 20 | QPSK | 1 | 49 | 19.10 | 19.20 | 19.14 | 19.15 | 19.15 | | |
| 20 | QPSK | 1 | 99 | 19.27 | 19.21 | 19.22 | 19.21 | 19.15 | | |
| 20 | QPSK | 50 | 0 | 19.29 | 19.24 | 19.34 | 19.22 | 19.23 | 20.4 | 0 |
| 20 | QPSK | 50 | 24 | 19.19 | 19.24 | 19.21 | 19.18 | 19.27 | | |
| 20 | QPSK | 50 | 50 | 19.18 | 19.25 | 19.19 | 19.25 | 19.26 | | |
| 20 | QPSK | 100 | 0 | 19.22 | 19.20 | 19.26 | 19.16 | 19.23 | | |
| 20 | 16QAM | 1 | 0 | 19.14 | 19.03 | 19.16 | 19.10 | 19.12 | 20.4 | 0 |
| 20 | 16QAM | 1 | 49 | 19.21 | 19.23 | 19.39 | 19.21 | 19.17 | | |
| 20 | 16QAM | 1 | 99 | 19.27 | 19.18 | 19.27 | 19.26 | 19.23 | | |
| 20 | 16QAM | 50 | 0 | 19.25 | 19.17 | 19.22 | 19.15 | 19.18 | 20.4 | 0 |
| 20 | 16QAM | 50 | 24 | 19.13 | 19.18 | 19.14 | 19.17 | 19.20 | | |
| 20 | 16QAM | 50 | 50 | 19.21 | 19.34 | 19.28 | 19.32 | 19.32 | | |
| 20 | 16QAM | 100 | 0 | 19.20 | 19.25 | 19.16 | 19.19 | 19.21 | | |
| 20 | 64QAM | 1 | 0 | 19.25 | 19.17 | 19.20 | 19.20 | 19.22 | 20.4 | 0 |
| 20 | 64QAM | 1 | 49 | 19.34 | 19.36 | 19.36 | 19.29 | 19.33 | | |
| 20 | 64QAM | 1 | 99 | 19.27 | 19.09 | 19.33 | 19.19 | 19.15 | | |
| 20 | 64QAM | 50 | 0 | 19.03 | 19.20 | 19.06 | 19.15 | 19.19 | 20.4 | 0 |
| 20 | 64QAM | 50 | 24 | 19.28 | 19.29 | 19.27 | 19.33 | 19.28 | | |
| 20 | 64QAM | 50 | 50 | 19.17 | 19.33 | 19.14 | 19.29 | 19.27 | | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.05 | 19.18 | 19.13 | 19.06 | | |
| 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 | 19.30 | 19.14 | 19.35 | 19.16 | 19.12 | 20.40 | 0 |
| 15 | QPSK | 1 | 37 | 18.97 | 19.15 | 19.07 | 19.10 | 19.07 | | |
| 15 | QPSK | 1 | 74 | 19.12 | 19.08 | 19.09 | 19.12 | 19.10 | | |
| 15 | QPSK | 36 | 0 | 19.24 | 19.17 | 19.29 | 19.12 | 19.13 | 20.4 | 0 |
| 15 | QPSK | 36 | 20 | 19.10 | 19.11 | 19.17 | 19.09 | 19.20 | | |
| 15 | QPSK | 36 | 39 | 19.07 | 19.22 | 19.06 | 19.20 | 19.14 | | |
| 15 | QPSK | 75 | 0 | 19.08 | 19.11 | 19.18 | 19.11 | 19.20 | | |
| 15 | 16QAM | 1 | 0 | 19.04 | 18.88 | 19.02 | 19.04 | 19.03 | 20.4 | 0 |
| 15 | 16QAM | 1 | 37 | 19.30 | 19.17 | 19.25 | 19.16 | 19.02 | | |
| 15 | 16QAM | 1 | 74 | 19.21 | 19.14 | 19.22 | 19.21 | 19.17 | | |
| 15 | 16QAM | 36 | 0 | 19.14 | 19.05 | 19.12 | 19.12 | 19.14 | 20.4 | 0 |
| 15 | 16QAM | 36 | 20 | 19.01 | 19.11 | 19.04 | 19.11 | 19.06 | | |
| 15 | 16QAM | 36 | 39 | 19.10 | 19.24 | 19.20 | 19.25 | 19.21 | | |
| 15 | 16QAM | 75 | 0 | 19.06 | 19.17 | 19.02 | 19.08 | 19.17 | | |
| 15 | 64QAM | 1 | 0 | 19.19 | 19.10 | 19.16 | 19.16 | 19.18 | 20.4 | 0 |
| 15 | 64QAM | 1 | 37 | 19.29 | 19.21 | 19.31 | 19.19 | 19.19 | | |
| 15 | 64QAM | 1 | 74 | 19.22 | 18.94 | 19.19 | 19.10 | 19.04 | | |
| 15 | 64QAM | 36 | 0 | 18.91 | 19.08 | 19.03 | 19.02 | 19.11 | 20.4 | 0 |
| 15 | 64QAM | 36 | 20 | 19.19 | 19.16 | 19.23 | 19.30 | 19.18 | | |
| 15 | 64QAM | 36 | 39 | 19.08 | 19.27 | 19.03 | 19.25 | 19.23 | | |
| 15 | 64QAM | 75 | 0 | 19.03 | 18.97 | 19.04 | 19.05 | 18.99 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.24 | 19.16 | 19.27 | 19.16 | 19.12 | 20.40 | 0 |
| 10 | QPSK | 1 | 25 | 19.00 | 19.13 | 19.01 | 19.04 | 19.05 | | |
| 10 | QPSK | 1 | 49 | 19.15 | 19.16 | 19.09 | 19.08 | 19.09 | | |
| 10 | QPSK | 25 | 0 | 19.25 | 19.13 | 19.23 | 19.11 | 19.19 | 20.4 | 0 |
| 10 | QPSK | 25 | 12 | 19.05 | 19.11 | 19.13 | 19.05 | 19.14 | | |
| 10 | QPSK | 25 | 25 | 19.12 | 19.16 | 19.11 | 19.16 | 19.17 | | |
| 10 | QPSK | 50 | 0 | 19.08 | 19.06 | 19.13 | 19.07 | 19.11 | | |
| 10 | 16QAM | 1 | 0 | 19.01 | 18.93 | 19.12 | 19.01 | 19.08 | 20.4 | 0 |
| 10 | 16QAM | 1 | 25 | 19.30 | 19.18 | 19.26 | 19.11 | 19.05 | | |
| 10 | 16QAM | 1 | 49 | 19.13 | 19.07 | 19.13 | 19.21 | 19.13 | | |
| 10 | 16QAM | 25 | 0 | 19.19 | 19.13 | 19.18 | 19.09 | 19.14 | 20.4 | 0 |
| 10 | 16QAM | 25 | 12 | 19.04 | 19.14 | 19.03 | 19.09 | 19.10 | | |
| 10 | 16QAM | 25 | 25 | 19.12 | 19.23 | 19.22 | 19.17 | 19.21 | | |
| 10 | 16QAM | 50 | 0 | 19.16 | 19.13 | 19.07 | 19.05 | 19.11 | | |
| 10 | 64QAM | 1 | 0 | 19.17 | 19.04 | 19.14 | 19.07 | 19.07 | 20.4 | 0 |
| 10 | 64QAM | 1 | 25 | 19.27 | 19.30 | 19.32 | 19.24 | 19.23 | | |
| 10 | 64QAM | 1 | 49 | 19.14 | 19.04 | 19.26 | 19.10 | 19.07 | | |
| 10 | 64QAM | 25 | 0 | 18.90 | 19.08 | 18.94 | 19.04 | 19.06 | 20.4 | 0 |
| 10 | 64QAM | 25 | 12 | 19.22 | 19.24 | 19.18 | 19.19 | 19.20 | | |
| 10 | 64QAM | 25 | 25 | 19.08 | 19.25 | 19.01 | 19.16 | 19.15 | | |
| 10 | 64QAM | 50 | 0 | 18.98 | 18.90 | 19.06 | 19.06 | 18.99 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 19.25 | 19.23 | 19.29 | 19.27 | 19.13 | 20.40 | 0 |
| 5 | QPSK | 1 | 12 | 19.06 | 19.15 | 19.10 | 19.07 | 19.02 | | |
| 5 | QPSK | 1 | 24 | 19.13 | 19.17 | 19.15 | 19.08 | 19.12 | | |
| 5 | QPSK | 12 | 0 | 19.26 | 19.19 | 19.20 | 19.10 | 19.08 | 20.4 | 0 |
| 5 | QPSK | 12 | 7 | 19.04 | 19.12 | 19.12 | 19.11 | 19.21 | | |
| 5 | QPSK | 12 | 13 | 19.15 | 19.20 | 19.07 | 19.15 | 19.23 | | |
| 5 | QPSK | 25 | 0 | 19.18 | 19.17 | 19.22 | 19.01 | 19.15 | | |
| 5 | 16QAM | 1 | 0 | 19.06 | 18.89 | 19.09 | 19.01 | 19.00 | 20.4 | 0 |
| 5 | 16QAM | 1 | 12 | 19.27 | 19.08 | 19.28 | 19.12 | 19.12 | | |
| 5 | 16QAM | 1 | 24 | 19.20 | 19.07 | 19.22 | 19.14 | 19.20 | | |
| 5 | 16QAM | 12 | 0 | 19.10 | 19.09 | 19.17 | 19.02 | 19.08 | 20.4 | 0 |
| 5 | 16QAM | 12 | 7 | 19.02 | 19.08 | 19.00 | 19.12 | 19.16 | | |
| 5 | 16QAM | 12 | 13 | 19.07 | 19.27 | 19.19 | 19.21 | 19.28 | | |
| 5 | 16QAM | 25 | 0 | 19.05 | 19.17 | 19.07 | 19.06 | 19.15 | | |
| 5 | 64QAM | 1 | 0 | 19.14 | 19.04 | 19.09 | 19.10 | 19.17 | 20.4 | 0 |
| 5 | 64QAM | 1 | 12 | 19.22 | 19.32 | 19.22 | 19.17 | 19.23 | | |
| 5 | 64QAM | 1 | 24 | 19.24 | 18.94 | 19.22 | 19.08 | 19.10 | | |
| 5 | 64QAM | 12 | 0 | 18.91 | 19.17 | 18.99 | 19.06 | 19.08 | 20.4 | 0 |
| 5 | 64QAM | 12 | 7 | 19.17 | 19.21 | 19.19 | 19.23 | 19.21 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.27 | 19.05 | 19.21 | 19.22 | | |

GSM850 Ant 2 DSI9

| 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 | 27.40 | 27.27 | 27.55 | 28.50 | 18.40 | 18.27 | 18.55 | 19.50 |
| GPRS 1 Tx slot | 27.38 | 27.18 | 27.50 | 28.50 | 18.38 | 18.18 | 18.50 | 19.50 |
| GPRS 2 Tx slots | 24.21 | 24.09 | 24.40 | 25.50 | 18.21 | 18.09 | 18.40 | 19.50 |
| GPRS 3 Tx slots | 22.49 | 22.40 | 22.72 | 23.70 | 18.23 | 18.14 | 18.46 | 19.44 |
| GPRS 4 Tx slots | 21.60 | 21.79 | 21.44 | 22.50 | 18.60 | 18.79 | 18.44 | 19.50 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI9

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 20.95 | 21.02 | 20.99 | 22.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.99 | 21.21 | 21.11 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.00 | 18.05 | 18.03 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.00 | 18.06 | 17.80 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.50 | 19.64 | 19.48 | 20.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.50 | 19.51 | 19.46 | 20.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.00 | 18.01 | 17.95 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.00 | 18.39 | 18.38 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.50 | 19.71 | 19.37 | 20.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.50 | 19.59 | 19.62 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.00 | 18.20 | 17.95 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.00 | 16.09 | 15.84 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.00 | 17.31 | 16.98 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.00 | 16.17 | 15.97 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.00 | 18.25 | 18.11 | 19.00 |

## Band 5 Ant 2 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.17 | 21.21 | 21.12 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.02 | 20.94 | 20.91 | | |
| 10 | QPSK | 1 | 49 | 21.08 | 21.07 | 20.94 | | |
| 10 | QPSK | 25 | 0 | 21.01 | 21.13 | 20.95 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.03 | 20.87 | | |
| 10 | QPSK | 25 | 25 | 20.91 | 21.01 | 20.93 | | |
| 10 | QPSK | 50 | 0 | 21.05 | 21.06 | 21.02 | | |
| 10 | 16QAM | 1 | 0 | 20.97 | 20.92 | 20.88 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.20 | 21.13 | 20.94 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.06 | 21.04 | | |
| 10 | 16QAM | 25 | 0 | 21.02 | 20.95 | 20.93 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.98 | 21.05 | 20.81 | | |
| 10 | 16QAM | 25 | 25 | 21.02 | 21.08 | 21.00 | | |
| 10 | 16QAM | 50 | 0 | 20.98 | 21.01 | 20.89 | | |
| 10 | 64QAM | 1 | 0 | 20.96 | 20.93 | 20.96 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.01 | 21.10 | 21.06 | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.05 | 20.91 | | |
| 10 | 64QAM | 25 | 0 | 21.02 | 20.96 | 20.94 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.13 | 21.05 | 20.90 | | |
| 10 | 64QAM | 25 | 25 | 21.03 | 21.03 | 20.95 | | |
| 10 | 64QAM | 50 | 0 | 21.15 | 21.05 | 20.87 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.08 | 21.14 | 21.02 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.99 | 20.90 | 20.77 | | |
| 5 | QPSK | 1 | 24 | 21.01 | 20.94 | 20.89 | | |
| 5 | QPSK | 12 | 0 | 20.87 | 21.09 | 20.88 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.93 | 20.92 | 20.80 | | |
| 5 | QPSK | 12 | 13 | 20.87 | 20.94 | 20.82 | | |
| 5 | QPSK | 25 | 0 | 20.97 | 20.94 | 20.93 | | |
| 5 | 16QAM | 1 | 0 | 20.94 | 20.79 | 20.81 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.07 | 20.80 | | |
| 5 | 16QAM | 1 | 24 | 21.02 | 20.98 | 20.96 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.82 | 20.81 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.89 | 21.00 | 20.77 | | |
| 5 | 16QAM | 12 | 13 | 20.98 | 21.02 | 20.96 | | |
| 5 | 16QAM | 25 | 0 | 20.91 | 20.90 | 20.75 | | |
| 5 | 64QAM | 1 | 0 | 20.83 | 20.86 | 20.92 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.95 | 20.95 | 21.01 | | |
| 5 | 64QAM | 1 | 24 | 21.05 | 20.95 | 20.77 | | |
| 5 | 64QAM | 12 | 0 | 20.90 | 20.84 | 20.87 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.01 | 20.85 | | |
| 5 | 64QAM | 12 | 13 | 20.94 | 20.96 | 20.86 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 20.94 | 20.76 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.08 | 21.06 | 21.04 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.97 | 20.90 | 20.84 | | |
| 3 | QPSK | 1 | 14 | 21.02 | 21.00 | 20.86 | | |
| 3 | QPSK | 8 | 0 | 20.91 | 21.00 | 20.91 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.86 | 20.99 | 20.83 | | |
| 3 | QPSK | 8 | 7 | 20.88 | 20.88 | 20.84 | | |
| 3 | QPSK | 15 | 0 | 20.92 | 20.99 | 20.88 | | |
| 3 | 16QAM | 1 | 0 | 20.90 | 20.80 | 20.77 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 21.17 | 21.09 | 20.89 | | |
| 3 | 16QAM | 1 | 14 | 21.11 | 21.00 | 21.01 | | |
| 3 | 16QAM | 8 | 0 | 20.93 | 20.85 | 20.81 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 20.92 | 21.00 | 20.68 | | |
| 3 | 16QAM | 8 | 7 | 20.89 | 21.01 | 20.90 | | |
| 3 | 16QAM | 15 | 0 | 20.94 | 20.96 | 20.79 | | |
| 3 | 64QAM | 1 | 0 | 20.91 | 20.86 | 20.89 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.97 | 20.99 | 20.94 | | |
| 3 | 64QAM | 1 | 14 | 21.02 | 20.91 | 20.80 | | |
| 3 | 64QAM | 8 | 0 | 20.97 | 20.87 | 20.91 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 21.02 | 20.95 | 20.80 | | |
| 3 | 64QAM | 8 | 7 | 20.93 | 20.94 | 20.80 | | |
| 3 | 64QAM | 15 | 0 | 21.11 | 20.92 | 20.84 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.11 | 21.13 | 21.02 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.90 | 20.91 | 20.83 | | |
| 1.4 | QPSK | 1 | 5 | 21.02 | 20.94 | 20.90 | | |
| 1.4 | QPSK | 3 | 0 | 20.95 | 21.05 | 20.83 | | |
| 1.4 | QPSK | 3 | 1 | 20.91 | 20.97 | 20.83 | | |
| 1.4 | QPSK | 3 | 3 | 20.83 | 20.89 | 20.88 | | |
| 1.4 | QPSK | 6 | 0 | 21.01 | 21.00 | 20.87 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.88 | 20.82 | 20.77 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.13 | 21.08 | 20.88 | | |
| 1.4 | 16QAM | 1 | 5 | 21.08 | 20.98 | 20.98 | | |
| 1.4 | 16QAM | 3 | 0 | 20.97 | 20.91 | 20.82 | | |
| 1.4 | 16QAM | 3 | 1 | 20.90 | 20.93 | 20.69 | | |
| 1.4 | 16QAM | 3 | 3 | 20.98 | 20.95 | 20.90 | | |
| 1.4 | 16QAM | 6 | 0 | 20.90 | 20.96 | 20.83 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.90 | 20.82 | 20.83 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.92 | 21.07 | 20.94 | | |
| 1.4 | 64QAM | 1 | 5 | 21.01 | 20.95 | 20.87 | | |
| 1.4 | 64QAM | 3 | 0 | 20.90 | 20.89 | 20.89 | | |
| 1.4 | 64QAM | 3 | 1 | 21.05 | 20.97 | 20.77 | | |
| 1.4 | 64QAM | 3 | 3 | 20.95 | 20.95 | 20.89 | | |
| 1.4 | 64QAM | 6 | 0 | 21.02 | 20.93 | 20.81 | 22 | 0 |

## Band 12 Ant 2 DSI9

| BW [MHz] | 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 | 21.27 | 21.34 | 21.26 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.08 | 21.16 | 21.19 | | |
| 10 | QPSK | 1 | 49 | 21.23 | 21.16 | 21.20 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.32 | 21.17 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 21.12 | 21.14 | 21.07 | | |
| 10 | QPSK | 25 | 25 | 21.14 | 21.19 | 21.12 | | |
| 10 | QPSK | 50 | 0 | 21.12 | 21.28 | 21.22 | | |
| 10 | 16QAM | 1 | 0 | 21.08 | 21.10 | 20.99 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.30 | 21.26 | 21.32 | | |
| 10 | 16QAM | 1 | 49 | 21.29 | 21.23 | 21.10 | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.16 | 21.14 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.21 | 21.27 | | |
| 10 | 16QAM | 25 | 25 | 21.20 | 21.20 | 21.28 | | |
| 10 | 16QAM | 50 | 0 | 21.11 | 21.20 | 21.19 | | |
| 10 | 64QAM | 1 | 0 | 21.07 | 21.12 | 21.21 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.18 | 21.27 | 21.31 | | |
| 10 | 64QAM | 1 | 49 | 21.24 | 21.10 | 21.15 | | |
| 10 | 64QAM | 25 | 0 | 21.17 | 21.11 | 21.27 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.24 | 21.17 | 21.33 | | |
| 10 | 64QAM | 25 | 25 | 21.20 | 21.18 | 21.25 | | |
| 10 | 64QAM | 50 | 0 | 21.27 | 21.22 | 21.03 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.15 | 21.29 | 21.15 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.98 | 21.13 | 21.09 | | |
| 5 | QPSK | 1 | 24 | 21.08 | 21.07 | 21.08 | | |
| 5 | QPSK | 12 | 0 | 21.14 | 21.27 | 21.03 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 21.01 | 21.05 | 20.94 | | |
| 5 | QPSK | 12 | 13 | 21.01 | 21.12 | 21.00 | | |
| 5 | QPSK | 25 | 0 | 21.04 | 21.23 | 21.19 | | |
| 5 | 16QAM | 1 | 0 | 21.04 | 20.95 | 20.86 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.18 | 21.12 | 21.25 | | |
| 5 | 16QAM | 1 | 24 | 21.17 | 21.16 | 21.05 | | |
| 5 | 16QAM | 12 | 0 | 21.10 | 21.09 | 21.03 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 21.12 | 21.17 | 21.14 | | |
| 5 | 16QAM | 12 | 13 | 21.05 | 21.09 | 21.16 | | |
| 5 | 16QAM | 25 | 0 | 21.01 | 21.06 | 21.12 | | |
| 5 | 64QAM | 1 | 0 | 20.93 | 21.03 | 21.14 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.17 | 21.21 | | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.06 | 21.04 | | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.05 | 21.16 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 21.15 | 21.14 | 21.27 | | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.12 | 21.21 | | |
| 5 | 64QAM | 25 | 0 | 21.16 | 21.08 | 20.90 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.20 | 21.31 | 21.21 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 21.01 | 21.08 | 21.08 | | |
| 3 | QPSK | 1 | 14 | 21.14 | 21.04 | 21.17 | | |
| 3 | QPSK | 8 | 0 | 21.16 | 21.23 | 21.06 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 21.05 | 21.10 | 21.02 | | |
| 3 | QPSK | 8 | 7 | 21.07 | 21.13 | 21.07 | | |
| 3 | QPSK | 15 | 0 | 21.00 | 21.20 | 21.09 | | |
| 3 | 16QAM | 1 | 0 | 21.00 | 20.99 | 20.85 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 21.25 | 21.20 | 21.19 | | |
| 3 | 16QAM | 1 | 14 | 21.18 | 21.19 | 20.95 | | |
| 3 | 16QAM | 8 | 0 | 21.08 | 21.03 | 21.07 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 21.01 | 21.11 | 21.13 | | |
| 3 | 16QAM | 8 | 7 | 21.10 | 21.16 | 21.16 | | |
| 3 | 16QAM | 15 | 0 | 21.04 | 21.07 | 21.11 | | |
| 3 | 64QAM | 1 | 0 | 21.03 | 20.98 | 21.11 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 21.11 | 21.12 | 21.23 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.05 | 21.06 | | |
| 3 | 64QAM | 8 | 0 | 21.07 | 21.07 | 21.13 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 21.18 | 21.06 | 21.19 | | |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.11 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.15 | 21.09 | 20.94 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.22 | 21.25 | 21.17 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.94 | 21.09 | 21.05 | | |
| 1.4 | QPSK | 1 | 5 | 21.13 | 21.08 | 21.13 | | |
| 1.4 | QPSK | 3 | 0 | 21.09 | 21.24 | 21.12 | | |
| 1.4 | QPSK | 3 | 1 | 20.99 | 21.02 | 20.96 | | |
| 1.4 | QPSK | 3 | 3 | 21.04 | 21.14 | 20.99 | | |
| 1.4 | QPSK | 6 | 0 | 20.98 | 21.21 | 21.14 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.94 | 20.99 | 20.86 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.16 | 21.21 | 21.23 | | |
| 1.4 | 16QAM | 1 | 5 | 21.15 | 21.15 | 21.02 | | |
| 1.4 | 16QAM | 3 | 0 | 21.10 | 21.03 | 21.09 | | |
| 1.4 | 16QAM | 3 | 1 | 21.08 | 21.07 | 21.22 | | |
| 1.4 | 16QAM | 3 | 3 | 21.10 | 21.13 | 21.20 | | |
| 1.4 | 16QAM | 6 | 0 | 21.05 | 21.12 | 21.11 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.02 | 20.98 | 21.08 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.08 | 21.13 | 21.23 | | |
| 1.4 | 64QAM | 1 | 5 | 21.12 | 21.02 | 21.11 | | |
| 1.4 | 64QAM | 3 | 0 | 21.02 | 21.00 | 21.22 | | |
| 1.4 | 64QAM | 3 | 1 | 21.15 | 21.04 | 21.23 | | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 21.10 | 21.12 | | |
| 1.4 | 64QAM | 6 | 0 | 21.19 | 21.14 | 20.92 | 22 | 0 |

## Band 13 Ant 2 DSI9

| BW [MHz] | 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 | | 20.15 | | 21 | 0 |
| 10 | QPSK | 1 | 25 | | 20.13 | | | |
| 10 | QPSK | 1 | 49 | | 20.09 | | | |
| 10 | QPSK | 25 | 0 | | 20.08 | | 21 | 0 |
| 10 | QPSK | 25 | 12 | | 19.92 | | | |
| 10 | QPSK | 25 | 25 | | 20.01 | | | |
| 10 | QPSK | 50 | 0 | | 20.04 | | | |
| 10 | 16QAM | 1 | 0 | | 19.87 | | 21 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.07 | | | |
| 10 | 16QAM | 1 | 49 | | 20.10 | | | |
| 10 | 16QAM | 25 | 0 | | 20.01 | | 21 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.07 | | | |
| 10 | 16QAM | 25 | 25 | | 20.01 | | | |
| 10 | 16QAM | 50 | 0 | | 19.97 | | | |
| 10 | 64QAM | 1 | 0 | | 19.90 | | 21 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.14 | | | |
| 10 | 64QAM | 1 | 49 | | 19.89 | | | |
| 10 | 64QAM | 25 | 0 | | 19.97 | | 21 | 0 |
| 10 | 64QAM | 25 | 12 | | 19.99 | | | |
| 10 | 64QAM | 25 | 25 | | 20.00 | | | |
| 10 | 64QAM | 50 | 0 | | 20.06 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.01 | 20.07 | 20.02 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.84 | 19.97 | 19.96 | | |
| 5 | QPSK | 1 | 24 | 20.05 | 19.90 | 19.93 | | |
| 5 | QPSK | 12 | 0 | 19.89 | 20.00 | 19.88 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.79 | 19.86 | 19.83 | | |
| 5 | QPSK | 12 | 13 | 19.79 | 20.00 | 19.81 | | |
| 5 | QPSK | 25 | 0 | 19.77 | 20.06 | 20.00 | | |
| 5 | 16QAM | 1 | 0 | 19.77 | 19.74 | 19.64 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 20.06 | 20.05 | 20.14 | | |
| 5 | 16QAM | 1 | 24 | 20.11 | 19.90 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.86 | 19.90 | 19.79 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.89 | 19.89 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 19.90 | 19.89 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.89 | 19.82 | | |
| 5 | 64QAM | 1 | 0 | 19.83 | 19.88 | 19.94 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.06 | 20.04 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 19.83 | 19.84 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.88 | 20.08 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.99 | 19.89 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.86 | 19.87 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.07 | 20.01 | 19.81 | | |

## Band 17 Ant 2 DSI9

| BW [MHz] | 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 | 21.12 | 21.19 | 21.08 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.00 | 21.04 | 21.06 | | |
| 10 | QPSK | 1 | 49 | 21.09 | 21.12 | 21.09 | | |
| 10 | QPSK | 25 | 0 | 21.07 | 21.16 | 21.12 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.99 | 21.06 | 21.03 | | |
| 10 | QPSK | 25 | 25 | 20.96 | 21.15 | 20.99 | | |
| 10 | QPSK | 50 | 0 | 21.06 | 21.10 | 21.07 | | |
| 10 | 16QAM | 1 | 0 | 21.06 | 20.98 | 20.89 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.15 | 21.10 | 21.16 | | |
| 10 | 16QAM | 1 | 49 | 21.14 | 21.11 | 21.07 | | |
| 10 | 16QAM | 25 | 0 | 21.03 | 21.06 | 20.98 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 21.00 | 21.09 | 21.08 | | |
| 10 | 16QAM | 25 | 25 | 21.06 | 21.13 | 21.07 | | |
| 10 | 16QAM | 50 | 0 | 20.98 | 21.08 | 21.10 | | |
| 10 | 64QAM | 1 | 0 | 20.98 | 21.00 | 21.10 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.13 | 21.02 | 21.04 | | |
| 10 | 64QAM | 1 | 49 | 21.08 | 21.03 | 21.10 | | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.01 | 21.10 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.12 | 21.10 | | |
| 10 | 64QAM | 25 | 25 | 21.05 | 21.06 | 21.10 | | |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.05 | 20.97 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.01 | 21.06 | 21.00 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.94 | 20.94 | 20.93 | | |
| 5 | QPSK | 1 | 24 | 21.04 | 21.01 | 20.98 | | |
| 5 | QPSK | 12 | 0 | 20.93 | 21.11 | 21.04 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.96 | 21.01 | 20.91 | | |
| 5 | QPSK | 12 | 13 | 20.93 | 21.08 | 20.89 | | |
| 5 | QPSK | 25 | 0 | 20.98 | 21.02 | 20.97 | | |
| 5 | 16QAM | 1 | 0 | 21.02 | 20.88 | 20.81 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.00 | 21.04 | 21.06 | | |
| 5 | 16QAM | 1 | 24 | 20.99 | 21.02 | 20.97 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.98 | 20.88 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.91 | 21.00 | 21.03 | | |
| 5 | 16QAM | 12 | 13 | 20.98 | 21.09 | 21.08 | | |
| 5 | 16QAM | 25 | 0 | 20.84 | 21.00 | 21.06 | | |
| 5 | 64QAM | 1 | 0 | 20.88 | 20.92 | 20.95 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 21.07 | 21.10 | 21.11 | | |
| 5 | 64QAM | 1 | 24 | 20.96 | 20.95 | 21.03 | | |
| 5 | 64QAM | 12 | 0 | 21.09 | 20.96 | 21.01 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.98 | 21.04 | 21.00 | | |
| 5 | 64QAM | 12 | 13 | 20.93 | 20.95 | 20.95 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 20.97 | 20.91 | | |

## Band 26 Ant 2 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 20.98 | 21.13 | 20.94 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.87 | 20.94 | 20.98 | | |
| 15 | QPSK | 1 | 74 | 21.00 | 21.08 | 21.03 | | |
| 15 | QPSK | 36 | 0 | 20.93 | 21.07 | 21.01 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.88 | 20.93 | 20.96 | | |
| 15 | QPSK | 36 | 39 | 20.84 | 21.01 | 20.90 | | |
| 15 | QPSK | 75 | 0 | 20.99 | 21.04 | 21.00 | | |
| 15 | 16QAM | 1 | 0 | 20.97 | 20.86 | 20.82 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 21.06 | 21.04 | 21.04 | | |
| 15 | 16QAM | 1 | 74 | 20.99 | 21.03 | 20.96 | | |
| 15 | 16QAM | 36 | 0 | 20.91 | 20.97 | 20.92 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.93 | 20.98 | 20.93 | | |
| 15 | 16QAM | 36 | 39 | 20.96 | 21.03 | 21.01 | | |
| 15 | 16QAM | 75 | 0 | 20.87 | 21.03 | 20.97 | | |
| 15 | 64QAM | 1 | 0 | 20.93 | 20.91 | 20.99 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 21.08 | 20.93 | 20.90 | | |
| 15 | 64QAM | 1 | 74 | 21.03 | 20.97 | 21.01 | | |
| 15 | 64QAM | 36 | 0 | 21.01 | 20.92 | 21.03 | 22 | 0 |
| 15 | 64QAM | 36 | 20 | 20.95 | 21.05 | 21.06 | | |
| 15 | 64QAM | 36 | 39 | 20.98 | 20.98 | 20.96 | | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.01 | 20.83 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 20.93 | 21.02 | 20.81 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.84 | 20.81 | 20.93 | | |
| 10 | QPSK | 1 | 49 | 20.90 | 20.98 | 20.95 | | |
| 10 | QPSK | 25 | 0 | 20.83 | 21.01 | 20.93 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.85 | 20.79 | 20.82 | | |
| 10 | QPSK | 25 | 25 | 20.72 | 20.91 | 20.80 | | |
| 10 | QPSK | 50 | 0 | 20.92 | 20.91 | 20.92 | | |
| 10 | 16QAM | 1 | 0 | 20.87 | 20.79 | 20.77 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.02 | 20.99 | 20.96 | | |
| 10 | 16QAM | 1 | 49 | 20.93 | 20.91 | 20.90 | | |
| 10 | 16QAM | 25 | 0 | 20.78 | 20.87 | 20.88 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.88 | 20.90 | 20.84 | | |
| 10 | 16QAM | 25 | 25 | 20.84 | 20.96 | 20.90 | | |
| 10 | 16QAM | 50 | 0 | 20.83 | 20.91 | 20.91 | | |
| 10 | 64QAM | 1 | 0 | 20.85 | 20.76 | 20.86 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.98 | 20.87 | 20.85 | | |
| 10 | 64QAM | 1 | 49 | 20.95 | 20.88 | 20.92 | | |
| 10 | 64QAM | 25 | 0 | 20.93 | 20.82 | 20.94 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 20.82 | 20.98 | 21.01 | | |
| 10 | 64QAM | 25 | 25 | 20.91 | 20.94 | 20.89 | | |
| 10 | 64QAM | 50 | 0 | 21.02 | 20.88 | 20.73 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.84 | 21.08 | 20.88 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.77 | 20.80 | 20.87 | | |
| 5 | QPSK | 1 | 24 | 20.96 | 20.93 | 20.96 | | |
| 5 | QPSK | 12 | 0 | 20.90 | 21.01 | 20.91 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.75 | 20.88 | 20.90 | | |
| 5 | QPSK | 12 | 13 | 20.77 | 20.87 | 20.80 | | |
| 5 | QPSK | 25 | 0 | 20.91 | 20.98 | 20.87 | | |
| 5 | 16QAM | 1 | 0 | 20.86 | 20.78 | 20.72 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.97 | 20.99 | 20.94 | | |
| 5 | 16QAM | 1 | 24 | 20.86 | 20.96 | 20.83 | | |
| 5 | 16QAM | 12 | 0 | 20.84 | 20.86 | 20.86 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.88 | 20.86 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.85 | 20.98 | 20.95 | | |
| 5 | 16QAM | 25 | 0 | 20.74 | 20.92 | 20.86 | | |
| 5 | 64QAM | 1 | 0 | 20.82 | 20.83 | 20.96 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.98 | 20.80 | 20.87 | | |
| 5 | 64QAM | 1 | 24 | 20.97 | 20.94 | 20.87 | | |
| 5 | 64QAM | 12 | 0 | 20.92 | 20.78 | 20.90 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 20.90 | 20.99 | 21.01 | | |
| 5 | 64QAM | 12 | 13 | 20.86 | 20.87 | 20.89 | | |
| 5 | 64QAM | 25 | 0 | 20.93 | 20.90 | 20.72 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 20.86 | 20.99 | 20.83 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.82 | 20.83 | 20.87 | | |
| 3 | QPSK | 1 | 14 | 20.88 | 21.04 | 20.99 | | |
| 3 | QPSK | 8 | 0 | 20.86 | 20.96 | 20.88 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.77 | 20.85 | 20.87 | | |
| 3 | QPSK | 8 | 7 | 20.76 | 20.91 | 20.76 | | |
| 3 | QPSK | 15 | 0 | 20.95 | 20.92 | 20.85 | | |
| 3 | 16QAM | 1 | 0 | 20.91 | 20.75 | 20.76 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 21.02 | 20.90 | 20.90 | | |
| 3 | 16QAM | 1 | 14 | 20.90 | 20.89 | 20.92 | | |
| 3 | 16QAM | 8 | 0 | 20.77 | 20.82 | 20.89 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 20.82 | 20.91 | 20.80 | | |
| 3 | 16QAM | 8 | 7 | 20.85 | 20.97 | 20.86 | | |
| 3 | 16QAM | 15 | 0 | 20.81 | 20.92 | 20.93 | | |
| 3 | 64QAM | 1 | 0 | 20.79 | 20.79 | 20.95 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.93 | 20.88 | 20.82 | | |
| 3 | 64QAM | 1 | 14 | 20.99 | 20.86 | 20.88 | | |
| 3 | 64QAM | 8 | 0 | 20.98 | 20.79 | 20.99 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 20.81 | 20.94 | 20.95 | | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.86 | 20.91 | | |
| 3 | 64QAM | 15 | 0 | 20.95 | 20.93 | 20.76 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.91 | 21.06 | 20.83 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.78 | 20.86 | 20.83 | | |
| 1.4 | QPSK | 1 | 5 | 20.94 | 21.04 | 20.97 | | |
| 1.4 | QPSK | 3 | 0 | 20.79 | 20.92 | 20.95 | | |
| 1.4 | QPSK | 3 | 1 | 20.81 | 20.80 | 20.87 | | |
| 1.4 | QPSK | 3 | 3 | 20.79 | 20.98 | 20.87 | | |
| 1.4 | QPSK | 6 | 0 | 20.85 | 20.98 | 20.92 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.93 | 20.76 | 20.72 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.03 | 20.96 | 20.95 | | |
| 1.4 | 16QAM | 1 | 5 | 20.86 | 20.94 | 20.85 | | |
| 1.4 | 16QAM | 3 | 0 | 20.86 | 20.87 | 20.79 | | |
| 1.4 | 16QAM | 3 | 1 | 20.83 | 20.93 | 20.85 | | |
| 1.4 | 16QAM | 3 | 3 | 20.82 | 20.92 | 20.93 | | |
| 1.4 | 16QAM | 6 | 0 | 20.74 | 20.91 | 20.85 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.87 | 20.84 | 20.84 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.95 | 20.82 | 20.83 | | |
| 1.4 | 64QAM | 1 | 5 | 20.95 | 20.88 | 20.87 | | |
| 1.4 | 64QAM | 3 | 0 | 20.93 | 20.80 | 20.96 | | |
| 1.4 | 64QAM | 3 | 1 | 20.83 | 20.91 | 20.93 | | |
| 1.4 | 64QAM | 3 | 3 | 20.91 | 20.88 | 20.85 | | |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 20.96 | 20.75 | 22 | 0 |

## Band 7 ENDC Ant 5 DSI9

| BW [MHz] | 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 | 16.63 | 16.92 | 16.65 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.80 | 16.67 | 16.76 | | |
| 20 | QPSK | 1 | 99 | 16.61 | 16.57 | 16.63 | | |
| 20 | QPSK | 50 | 0 | 16.66 | 16.86 | 16.81 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.55 | 16.68 | 16.73 | | |
| 20 | QPSK | 50 | 50 | 16.75 | 16.85 | 16.59 | | |
| 20 | QPSK | 100 | 0 | 16.71 | 16.72 | 16.55 | | |
| 20 | 16QAM | 1 | 0 | 16.59 | 16.91 | 16.72 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.75 | 16.68 | 16.72 | | |
| 20 | 16QAM | 1 | 99 | 16.81 | 16.72 | 16.77 | | |
| 20 | 16QAM | 50 | 0 | 16.58 | 16.87 | 16.67 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.48 | 16.65 | 16.47 | | |
| 20 | 16QAM | 50 | 50 | 16.72 | 16.75 | 16.47 | | |
| 20 | 16QAM | 100 | 0 | 16.73 | 16.72 | 16.76 | | |
| 20 | 64QAM | 1 | 0 | 16.48 | 16.86 | 16.68 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.86 | 16.89 | 16.79 | | |
| 20 | 64QAM | 1 | 99 | 16.84 | 16.70 | 16.71 | | |
| 20 | 64QAM | 50 | 0 | 16.68 | 16.88 | 16.83 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.66 | 16.44 | 16.69 | | |
| 20 | 64QAM | 50 | 50 | 16.61 | 16.57 | 16.82 | | |
| 20 | 64QAM | 100 | 0 | 16.55 | 16.72 | 16.53 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.54 | 16.96 | 16.56 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.74 | 16.58 | 16.67 | | |
| 15 | QPSK | 1 | 74 | 16.51 | 16.52 | 16.52 | | |
| 15 | QPSK | 36 | 0 | 16.54 | 16.76 | 16.74 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.49 | 16.55 | 16.65 | | |
| 15 | QPSK | 36 | 39 | 16.61 | 16.72 | 16.44 | | |
| 15 | QPSK | 75 | 0 | 16.59 | 16.67 | 16.47 | | |
| 15 | 16QAM | 1 | 0 | 16.52 | 16.80 | 16.66 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.67 | 16.59 | 16.65 | | |
| 15 | 16QAM | 1 | 74 | 16.74 | 16.66 | 16.63 | | |
| 15 | 16QAM | 36 | 0 | 16.43 | 16.77 | 16.53 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.35 | 16.56 | 16.40 | | |
| 15 | 16QAM | 36 | 39 | 16.62 | 16.68 | 16.33 | | |
| 15 | 16QAM | 75 | 0 | 16.66 | 16.59 | 16.69 | | |
| 15 | 64QAM | 1 | 0 | 16.43 | 16.77 | 16.56 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.88 | 16.74 | 16.70 | | |
| 15 | 64QAM | 1 | 74 | 16.71 | 16.63 | 16.62 | | |
| 15 | 64QAM | 36 | 0 | 16.55 | 16.75 | 16.73 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.57 | 16.31 | 16.60 | | |
| 15 | 64QAM | 36 | 39 | 16.51 | 16.44 | 16.73 | | |
| 15 | 64QAM | 75 | 0 | 16.48 | 16.82 | 16.41 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.50 | 16.93 | 16.58 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.73 | 16.61 | 16.65 | | |
| 10 | QPSK | 1 | 49 | 16.48 | 16.50 | 16.58 | | |
| 10 | QPSK | 25 | 0 | 16.60 | 16.78 | 16.71 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.41 | 16.59 | 16.62 | | |
| 10 | QPSK | 25 | 25 | 16.62 | 16.71 | 16.54 | | |
| 10 | QPSK | 50 | 0 | 16.57 | 16.59 | 16.48 | | |
| 10 | 16QAM | 1 | 0 | 16.50 | 16.78 | 16.63 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.64 | 16.57 | 16.62 | | |
| 10 | 16QAM | 1 | 49 | 16.72 | 16.58 | 16.67 | | |
| 10 | 16QAM | 25 | 0 | 16.52 | 16.74 | 16.58 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.42 | 16.51 | 16.33 | | |
| 10 | 16QAM | 25 | 25 | 16.61 | 16.64 | 16.38 | | |
| 10 | 16QAM | 50 | 0 | 16.67 | 16.66 | 16.65 | | |
| 10 | 64QAM | 1 | 0 | 16.39 | 16.79 | 16.53 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.89 | 16.78 | 16.67 | | |
| 10 | 64QAM | 1 | 49 | 16.74 | 16.55 | 16.60 | | |
| 10 | 64QAM | 25 | 0 | 16.56 | 16.77 | 16.70 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.58 | 16.32 | 16.63 | | |
| 10 | 64QAM | 25 | 25 | 16.51 | 16.45 | 16.69 | | |
| 10 | 64QAM | 50 | 0 | 16.47 | 16.89 | 16.45 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.50 | 16.90 | 16.57 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.66 | 16.56 | 16.67 | | |
| 5 | QPSK | 1 | 24 | 16.52 | 16.46 | 16.54 | | |
| 5 | QPSK | 12 | 0 | 16.53 | 16.78 | 16.76 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.45 | 16.56 | 16.66 | | |
| 5 | QPSK | 12 | 13 | 16.64 | 16.74 | 16.46 | | |
| 5 | QPSK | 25 | 0 | 16.62 | 16.58 | 16.46 | | |
| 5 | 16QAM | 1 | 0 | 16.45 | 16.85 | 16.58 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.68 | 16.55 | 16.59 | | |
| 5 | 16QAM | 1 | 24 | 16.69 | 16.65 | 16.69 | | |
| 5 | 16QAM | 12 | 0 | 16.45 | 16.76 | 16.60 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.43 | 16.55 | 16.33 | | |
| 5 | 16QAM | 12 | 13 | 16.62 | 16.61 | 16.42 | | |
| 5 | 16QAM | 25 | 0 | 16.66 | 16.61 | 16.67 | | |
| 5 | 64QAM | 1 | 0 | 16.41 | 16.85 | 16.53 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.85 | 16.75 | 16.71 | | |
| 5 | 64QAM | 1 | 24 | 16.69 | 16.57 | 16.63 | | |
| 5 | 64QAM | 12 | 0 | 16.60 | 16.77 | 16.76 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.53 | 16.36 | 16.61 | | |
| 5 | 64QAM | 12 | 13 | 16.50 | 16.48 | 16.70 | | |
| 5 | 64QAM | 25 | 0 | 16.43 | 16.85 | 16.47 | | |

GSM1900 Ant 6 DSI9

| 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 | 23.05 | 22.97 | 23.03 | 24.60 | 14.05 | 13.97 | 14.03 | 15.60 |
| GPRS 1 Tx slot | 22.98 | 22.93 | 22.98 | 24.60 | 13.98 | 13.93 | 13.98 | 15.60 |
| GPRS 2 Tx slots | 20.03 | 19.88 | 19.97 | 21.60 | 14.03 | 13.88 | 13.97 | 15.60 |
| GPRS 3 Tx slots | 18.03 | 17.86 | 17.92 | 19.80 | 13.77 | 13.60 | 13.66 | 15.54 |
| GPRS 4 Tx slots | 16.77 | 16.84 | 16.70 | 18.60 | 13.77 | 13.84 | 13.70 | 15.60 |
| EDGE 1 Tx slot | 23.10 | 22.88 | 22.87 | 24.60 | 14.10 | 13.88 | 13.87 | 15.60 |
| EDGE 2 Tx slots | 19.84 | 19.69 | 19.76 | 21.60 | 13.84 | 13.69 | 13.76 | 15.60 |
| EDGE 3 Tx slots | 17.94 | 17.80 | 17.96 | 19.80 | 13.68 | 13.54 | 13.70 | 15.54 |
| EDGE 4 Tx slots | 16.86 | 16.65 | 16.68 | 18.60 | 13.86 | 13.65 | 13.68 | 15.60 |

WCDMA II Ant 6 DSI9 / WCDMA IV Ant 6 DSI9

| 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 | 17.55 | 17.73 | 17.56 | 18.90 | 19.43 | 19.35 | 19.26 | 20.60 |
| 3GPP Rel 99 | RMC 12.2Kbps | 17.72 | 17.80 | 17.67 | 18.90 | 19.44 | 19.49 | 19.45 | 20.60 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.88 | 16.92 | 16.71 | 18.10 | 18.44 | 18.50 | 18.27 | 19.60 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.76 | 16.93 | 16.65 | 18.10 | 18.35 | 18.39 | 18.45 | 19.60 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 16.23 | 16.21 | 15.94 | 17.40 | 17.88 | 18.05 | 17.83 | 19.10 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 15.93 | 16.14 | 16.21 | 17.40 | 18.02 | 18.24 | 18.16 | 19.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.85 | 17.11 | 16.88 | 18.10 | 18.32 | 18.46 | 18.46 | 19.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.71 | 16.68 | 16.67 | 18.10 | 18.45 | 18.52 | 18.32 | 19.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 15.98 | 16.25 | 15.85 | 17.40 | 18.02 | 18.00 | 18.21 | 19.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 16.04 | 16.00 | 15.84 | 17.40 | 18.08 | 17.85 | 17.73 | 19.10 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.74 | 16.96 | 16.76 | 18.10 | 18.50 | 18.47 | 18.59 | 19.60 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 13.58 | 13.62 | 13.54 | 14.90 | 16.57 | 16.52 | 16.46 | 17.60 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 14.54 | 14.84 | 14.77 | 15.90 | 17.47 | 17.49 | 17.37 | 18.60 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 13.64 | 13.71 | 13.72 | 14.90 | 16.45 | 16.42 | 16.31 | 17.60 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.74 | 16.98 | 16.79 | 18.10 | 18.43 | 18.52 | 18.66 | 19.60 |

## Band 2 Ant 6 DSI9

| BW [MHz] | 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 | 17.88 | 17.96 | 17.83 | 19.2 | 0 |
| 20 | QPSK | 1 | 49 | 17.68 | 17.76 | 17.73 | | |
| 20 | QPSK | 1 | 99 | 17.83 | 17.78 | 17.65 | | |
| 20 | QPSK | 50 | 0 | 17.72 | 17.84 | 17.68 | 19.2 | 0 |
| 20 | QPSK | 50 | 24 | 17.76 | 17.72 | 17.60 | | |
| 20 | QPSK | 50 | 50 | 17.67 | 17.76 | 17.75 | | |
| 20 | QPSK | 100 | 0 | 17.75 | 17.80 | 17.78 | | |
| 20 | 16QAM | 1 | 0 | 17.72 | 17.72 | 17.57 | 19.2 | 0 |
| 20 | 16QAM | 1 | 49 | 17.89 | 17.81 | 17.78 | | |
| 20 | 16QAM | 1 | 99 | 17.93 | 17.85 | 17.84 | | |
| 20 | 16QAM | 50 | 0 | 17.71 | 17.74 | 17.71 | 19.2 | 0 |
| 20 | 16QAM | 50 | 24 | 17.73 | 17.79 | 17.67 | | |
| 20 | 16QAM | 50 | 50 | 17.79 | 17.80 | 17.69 | | |
| 20 | 16QAM | 100 | 0 | 17.76 | 17.75 | 17.65 | | |
| 20 | 64QAM | 1 | 0 | 17.70 | 17.72 | 17.70 | 19.2 | 0 |
| 20 | 64QAM | 1 | 49 | 17.78 | 17.88 | 17.81 | | |
| 20 | 64QAM | 1 | 99 | 17.83 | 17.80 | 17.65 | | |
| 20 | 64QAM | 50 | 0 | 17.82 | 17.78 | 17.75 | 19.2 | 0 |
| 20 | 64QAM | 50 | 24 | 17.81 | 17.76 | 17.74 | | |
| 20 | 64QAM | 50 | 50 | 17.80 | 17.82 | 17.76 | | |
| 20 | 64QAM | 100 | 0 | 17.83 | 17.76 | 17.62 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 17.78 | 17.90 | 17.73 | 19.2 | 0 |
| 15 | QPSK | 1 | 37 | 17.64 | 17.63 | 17.69 | | |
| 15 | QPSK | 1 | 74 | 17.79 | 17.75 | 17.60 | | |
| 15 | QPSK | 36 | 0 | 17.59 | 17.76 | 17.57 | 19.2 | 0 |
| 15 | QPSK | 36 | 20 | 17.65 | 17.62 | 17.54 | | |
| 15 | QPSK | 36 | 39 | 17.58 | 17.70 | 17.71 | | |
| 15 | QPSK | 75 | 0 | 17.65 | 17.75 | 17.70 | | |
| 15 | 16QAM | 1 | 0 | 17.63 | 17.59 | 17.46 | 19.2 | 0 |
| 15 | 16QAM | 1 | 37 | 17.85 | 17.72 | 17.74 | | |
| 15 | 16QAM | 1 | 74 | 17.81 | 17.72 | 17.79 | | |
| 15 | 16QAM | 36 | 0 | 17.59 | 17.70 | 17.58 | 19.2 | 0 |
| 15 | 16QAM | 36 | 20 | 17.63 | 17.76 | 17.62 | | |
| 15 | 16QAM | 36 | 39 | 17.67 | 17.70 | 17.61 | | |
| 15 | 16QAM | 75 | 0 | 17.68 | 17.72 | 17.62 | | |
| 15 | 64QAM | 1 | 0 | 17.66 | 17.64 | 17.63 | 19.2 | 0 |
| 15 | 64QAM | 1 | 37 | 17.68 | 17.84 | 17.76 | | |
| 15 | 64QAM | 1 | 74 | 17.71 | 17.67 | 17.58 | | |
| 15 | 64QAM | 36 | 0 | 17.70 | 17.65 | 17.66 | 19.2 | 0 |
| 15 | 64QAM | 36 | 20 | 17.67 | 17.63 | 17.60 | | |
| 15 | 64QAM | 36 | 39 | 17.74 | 17.74 | 17.69 | | |
| 15 | 64QAM | 75 | 0 | 17.71 | 17.66 | 17.55 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 17.80 | 17.85 | 17.68 | 19.2 | 0 |
| 10 | QPSK | 1 | 25 | 17.56 | 17.64 | 17.65 | | |
| 10 | QPSK | 1 | 49 | 17.70 | 17.72 | 17.58 | | |
| 10 | QPSK | 25 | 0 | 17.68 | 17.76 | 17.53 | 19.2 | 0 |
| 10 | QPSK | 25 | 12 | 17.69 | 17.67 | 17.51 | | |
| 10 | QPSK | 25 | 25 | 17.52 | 17.67 | 17.69 | | |
| 10 | QPSK | 50 | 0 | 17.61 | 17.70 | 17.69 | | |
| 10 | 16QAM | 1 | 0 | 17.58 | 17.60 | 17.49 | 19.2 | 0 |
| 10 | 16QAM | 1 | 25 | 17.81 | 17.70 | 17.71 | | |
| 10 | 16QAM | 1 | 49 | 17.82 | 17.75 | 17.71 | | |
| 10 | 16QAM | 25 | 0 | 17.59 | 17.61 | 17.61 | 19.2 | 0 |
| 10 | 16QAM | 25 | 12 | 17.64 | 17.74 | 17.61 | | |
| 10 | 16QAM | 25 | 25 | 17.75 | 17.70 | 17.64 | | |
| 10 | 16QAM | 50 | 0 | 17.73 | 17.65 | 17.52 | | |
| 10 | 64QAM | 1 | 0 | 17.60 | 17.60 | 17.58 | 19.2 | 0 |
| 10 | 64QAM | 1 | 25 | 17.71 | 17.84 | 17.77 | | |
| 10 | 64QAM | 1 | 49 | 17.69 | 17.69 | 17.55 | | |
| 10 | 64QAM | 25 | 0 | 17.70 | 17.70 | 17.67 | 19.2 | 0 |
| 10 | 64QAM | 25 | 12 | 17.75 | 17.72 | 17.61 | | |
| 10 | 64QAM | 25 | 25 | 17.72 | 17.73 | 17.71 | | |
| 10 | 64QAM | 50 | 0 | 17.80 | 17.69 | 17.56 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 17.76 | 17.92 | 17.78 | 19.2 | 0 |
| 5 | QPSK | 1 | 12 | 17.65 | 17.68 | 17.61 | | |
| 5 | QPSK | 1 | 24 | 17.77 | 17.73 | 17.62 | | |
| 5 | QPSK | 12 | 0 | 17.58 | 17.80 | 17.63 | 19.2 | 0 |
| 5 | QPSK | 12 | 7 | 17.62 | 17.60 | 17.52 | | |
| 5 | QPSK | 12 | 13 | 17.58 | 17.61 | 17.63 | | |
| 5 | QPSK | 25 | 0 | 17.65 | 17.74 | 17.71 | | |
| 5 | 16QAM | 1 | 0 | 17.60 | 17.63 | 17.49 | 19.2 | 0 |
| 5 | 16QAM | 1 | 12 | 17.84 | 17.71 | 17.64 | | |
| 5 | 16QAM | 1 | 24 | 17.89 | 17.76 | 17.72 | | |
| 5 | 16QAM | 12 | 0 | 17.64 | 17.64 | 17.61 | 19.2 | 0 |
| 5 | 16QAM | 12 | 7 | 17.63 | 17.70 | 17.55 | | |
| 5 | 16QAM | 12 | 13 | 17.75 | 17.70 | 17.57 | | |
| 5 | 16QAM | 25 | 0 | 17.63 | 17.70 | 17.59 | | |
| 5 | 64QAM | 1 | 0 | 17.56 | 17.65 | 17.59 | 19.2 | 0 |
| 5 | 64QAM | 1 | 12 | 17.71 | 17.78 | 17.71 | | |
| 5 | 64QAM | 1 | 24 | 17.79 | 17.68 | 17.52 | | |
| 5 | 64QAM | 12 | 0 | 17.70 | 17.73 | 17.64 | 19.2 | 0 |
| 5 | 64QAM | 12 | 7 | 17.68 | 17.73 | 17.61 | | |
| 5 | 64QAM | 12 | 13 | 17.76 | 17.70 | 17.71 | | |
| 5 | 64QAM | 25 | 0 | 17.69 | 17.65 | 17.48 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 17.84 | 17.88 | 17.79 | 19.2 | 0 |
| 3 | QPSK | 1 | 8 | 17.56 | 17.62 | 17.63 | | |
| 3 | QPSK | 1 | 14 | 17.78 | 17.74 | 17.53 | | |
| 3 | QPSK | 8 | 0 | 17.57 | 17.77 | 17.64 | 19.2 | 0 |
| 3 | QPSK | 8 | 4 | 17.64 | 17.58 | 17.46 | | |
| 3 | QPSK | 8 | 7 | 17.57 | 17.73 | 17.61 | | |
| 3 | QPSK | 15 | 0 | 17.70 | 17.72 | 17.66 | | |
| 3 | 16QAM | 1 | 0 | 17.67 | 17.65 | 17.48 | 19.2 | 0 |
| 3 | 16QAM | 1 | 8 | 17.79 | 17.75 | 17.66 | | |
| 3 | 16QAM | 1 | 14 | 17.86 | 17.74 | 17.80 | | |
| 3 | 16QAM | 8 | 0 | 17.61 | 17.65 | 17.59 | 19.2 | 0 |
| 3 | 16QAM | 8 | 4 | 17.66 | 17.76 | 17.60 | | |
| 3 | 16QAM | 8 | 7 | 17.67 | 17.67 | 17.59 | | |
| 3 | 16QAM | 15 | 0 | 17.67 | 17.67 | 17.59 | | |
| 3 | 64QAM | 1 | 0 | 17.64 | 17.58 | 17.59 | 19.2 | 0 |
| 3 | 64QAM | 1 | 8 | 17.69 | 17.84 | 17.76 | | |
| 3 | 64QAM | 1 | 14 | 17.72 | 17.74 | 17.55 | | |
| 3 | 64QAM | 8 | 0 | 17.73 | 17.64 | 17.67 | 19.2 | 0 |
| 3 | 64QAM | 8 | 4 | 17.73 | 17.69 | 17.60 | | |
| 3 | 64QAM | 8 | 7 | 17.72 | 17.79 | 17.62 | | |
| 3 | 64QAM | 15 | 0 | 17.73 | 17.68 | 17.48 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.78 | 17.81 | 17.77 | 19.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.62 | 17.62 | 17.70 | | |
| 1.4 | QPSK | 1 | 5 | 17.74 | 17.65 | 17.60 | | |
| 1.4 | QPSK | 3 | 0 | 17.68 | 17.78 | 17.54 | | |
| 1.4 | QPSK | 3 | 1 | 17.64 | 17.68 | 17.48 | | |
| 1.4 | QPSK | 3 | 3 | 17.54 | 17.70 | 17.69 | | |
| 1.4 | QPSK | 6 | 0 | 17.68 | 17.68 | 17.66 | 19.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.62 | 17.61 | 17.51 | 19.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.81 | 17.76 | 17.69 | | |
| 1.4 | 16QAM | 1 | 5 | 17.87 | 17.72 | 17.79 | | |
| 1.4 | 16QAM | 3 | 0 | 17.59 | 17.65 | 17.58 | | |
| 1.4 | 16QAM | 3 | 1 | 17.65 | 17.75 | 17.56 | | |
| 1.4 | 16QAM | 3 | 3 | 17.66 | 17.65 | 17.59 | | |
| 1.4 | 16QAM | 6 | 0 | 17.65 | 17.66 | 17.55 | 19.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.57 | 17.60 | 17.58 | 19.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.69 | 17.76 | 17.77 | | |
| 1.4 | 64QAM | 1 | 5 | 17.73 | 17.65 | 17.56 | | |
| 1.4 | 64QAM | 3 | 0 | 17.72 | 17.67 | 17.62 | | |
| 1.4 | 64QAM | 3 | 1 | 17.74 | 17.65 | 17.65 | | |
| 1.4 | 64QAM | 3 | 3 | 17.74 | 17.72 | 17.63 | | |
| 1.4 | 64QAM | 6 | 0 | 17.73 | 17.68 | 17.50 | 19.2 | 0 |

## Band 4 Ant 6 DSI9

| BW [MHz] | 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 | 19.30 | 19.36 | 19.25 | 20.6 | 0 |
| 20 | QPSK | 1 | 49 | 19.18 | 19.12 | 19.04 | | |
| 20 | QPSK | 1 | 99 | 19.12 | 19.16 | 19.03 | | |
| 20 | QPSK | 50 | 0 | 19.21 | 19.31 | 19.12 | 20.6 | 0 |
| 20 | QPSK | 50 | 24 | 19.13 | 19.10 | 19.04 | | |
| 20 | QPSK | 50 | 50 | 19.05 | 19.15 | 19.10 | | |
| 20 | QPSK | 100 | 0 | 19.17 | 19.23 | 19.18 | | |
| 20 | 16QAM | 1 | 0 | 19.10 | 19.04 | 18.93 | 20.6 | 0 |
| 20 | 16QAM | 1 | 49 | 19.32 | 19.25 | 19.15 | | |
| 20 | 16QAM | 1 | 99 | 19.22 | 19.21 | 19.20 | | |
| 20 | 16QAM | 50 | 0 | 19.17 | 19.12 | 19.04 | 20.6 | 0 |
| 20 | 16QAM | 50 | 24 | 19.18 | 19.11 | 18.97 | | |
| 20 | 16QAM | 50 | 50 | 19.20 | 19.25 | 19.08 | | |
| 20 | 16QAM | 100 | 0 | 19.06 | 19.18 | 19.05 | | |
| 20 | 64QAM | 1 | 0 | 19.12 | 19.14 | 19.04 | 20.6 | 0 |
| 20 | 64QAM | 1 | 49 | 19.16 | 19.23 | 19.18 | | |
| 20 | 64QAM | 1 | 99 | 19.28 | 19.17 | 19.05 | | |
| 20 | 64QAM | 50 | 0 | 19.21 | 19.20 | 19.14 | 20.6 | 0 |
| 20 | 64QAM | 50 | 24 | 19.25 | 19.23 | 19.15 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.14 | 19.09 | | |
| 20 | 64QAM | 100 | 0 | 19.23 | 19.20 | 18.99 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.20 | 19.22 | 19.17 | 20.6 | 0 |
| 15 | QPSK | 1 | 37 | 19.06 | 19.05 | 18.97 | | |
| 15 | QPSK | 1 | 74 | 19.03 | 19.09 | 18.91 | | |
| 15 | QPSK | 36 | 0 | 19.12 | 19.18 | 18.98 | 20.6 | 0 |
| 15 | QPSK | 36 | 20 | 19.06 | 19.05 | 18.98 | | |
| 15 | QPSK | 36 | 39 | 18.98 | 19.09 | 18.97 | | |
| 15 | QPSK | 75 | 0 | 19.06 | 19.20 | 19.13 | | |
| 15 | 16QAM | 1 | 0 | 19.07 | 19.01 | 18.88 | 20.6 | 0 |
| 15 | 16QAM | 1 | 37 | 19.27 | 19.16 | 19.06 | | |
| 15 | 16QAM | 1 | 74 | 19.10 | 19.06 | 19.15 | | |
| 15 | 16QAM | 36 | 0 | 19.06 | 19.01 | 19.00 | 20.6 | 0 |
| 15 | 16QAM | 36 | 20 | 19.09 | 19.08 | 18.90 | | |
| 15 | 16QAM | 36 | 39 | 19.15 | 19.11 | 19.02 | | |
| 15 | 16QAM | 75 | 0 | 18.94 | 19.10 | 18.97 | | |
| 15 | 64QAM | 1 | 0 | 19.07 | 19.00 | 18.97 | 20.6 | 0 |
| 15 | 64QAM | 1 | 37 | 19.10 | 19.08 | 19.13 | | |
| 15 | 64QAM | 1 | 74 | 19.20 | 19.10 | 18.97 | | |
| 15 | 64QAM | 36 | 0 | 19.13 | 19.17 | 19.07 | 20.6 | 0 |
| 15 | 64QAM | 36 | 20 | 19.17 | 19.09 | 19.00 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.06 | 18.98 | | |
| 15 | 64QAM | 75 | 0 | 19.15 | 19.10 | 18.87 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.21 | 19.29 | 19.14 | 20.6 | 0 |
| 10 | QPSK | 1 | 25 | 19.15 | 19.03 | 18.97 | | |
| 10 | QPSK | 1 | 49 | 19.08 | 19.05 | 18.92 | | |
| 10 | QPSK | 25 | 0 | 19.12 | 19.19 | 18.99 | 20.6 | 0 |
| 10 | QPSK | 25 | 12 | 19.01 | 18.97 | 18.90 | | |
| 10 | QPSK | 25 | 25 | 18.94 | 19.04 | 19.04 | | |
| 10 | QPSK | 50 | 0 | 19.04 | 19.11 | 19.03 | | |
| 10 | 16QAM | 1 | 0 | 19.01 | 18.97 | 18.89 | 20.6 | 0 |
| 10 | 16QAM | 1 | 25 | 19.28 | 19.11 | 19.03 | | |
| 10 | 16QAM | 1 | 49 | 19.12 | 19.16 | 19.13 | | |
| 10 | 16QAM | 25 | 0 | 19.11 | 18.98 | 18.98 | 20.6 | 0 |
| 10 | 16QAM | 25 | 12 | 19.06 | 19.03 | 18.89 | | |
| 10 | 16QAM | 25 | 25 | 19.16 | 19.15 | 19.02 | | |
| 10 | 16QAM | 50 | 0 | 18.94 | 19.07 | 18.93 | | |
| 10 | 64QAM | 1 | 0 | 19.04 | 19.01 | 18.94 | 20.6 | 0 |
| 10 | 64QAM | 1 | 25 | 19.02 | 19.20 | 19.09 | | |
| 10 | 64QAM | 1 | 49 | 19.13 | 19.09 | 19.02 | | |
| 10 | 64QAM | 25 | 0 | 19.17 | 19.14 | 19.04 | 20.6 | 0 |
| 10 | 64QAM | 25 | 12 | 19.16 | 19.16 | 19.09 | | |
| 10 | 64QAM | 25 | 25 | 19.09 | 19.01 | 18.95 | | |
| 10 | 64QAM | 50 | 0 | 19.13 | 19.08 | 18.93 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.23 | 19.33 | 19.22 | 20.6 | 0 |
| 5 | QPSK | 1 | 12 | 19.13 | 19.00 | 18.90 | | |
| 5 | QPSK | 1 | 24 | 19.08 | 19.02 | 18.94 | | |
| 5 | QPSK | 12 | 0 | 19.06 | 19.23 | 19.02 | 20.6 | 0 |
| 5 | QPSK | 12 | 7 | 19.00 | 19.06 | 18.97 | | |
| 5 | QPSK | 12 | 13 | 18.93 | 19.05 | 18.99 | | |
| 5 | QPSK | 25 | 0 | 19.13 | 19.10 | 19.05 | | |
| 5 | 16QAM | 1 | 0 | 18.98 | 18.99 | 18.80 | 20.6 | 0 |
| 5 | 16QAM | 1 | 12 | 19.25 | 19.17 | 19.06 | | |
| 5 | 16QAM | 1 | 24 | 19.08 | 19.06 | 19.16 | | |
| 5 | 16QAM | 12 | 0 | 19.09 | 19.02 | 18.99 | 20.6 | 0 |
| 5 | 16QAM | 12 | 7 | 19.11 | 19.05 | 18.84 | | |
| 5 | 16QAM | 12 | 13 | 19.10 | 19.18 | 18.94 | | |
| 5 | 16QAM | 25 | 0 | 18.92 | 19.09 | 19.02 | | |
| 5 | 64QAM | 1 | 0 | 18.99 | 19.00 | 18.93 | 20.6 | 0 |
| 5 | 64QAM | 1 | 12 | 19.12 | 19.10 | 19.06 | | |
| 5 | 64QAM | 1 | 24 | 19.18 | 19.08 | 18.99 | | |
| 5 | 64QAM | 12 | 0 | 19.10 | 19.06 | 19.04 | 20.6 | 0 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.13 | 19.08 | | |
| 5 | 64QAM | 12 | 13 | 19.04 | 19.05 | 18.96 | | |
| 5 | 64QAM | 25 | 0 | 19.17 | 19.10 | 18.85 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.22 | 19.23 | 19.17 | 20.6 | 0 |
| 3 | QPSK | 1 | 8 | 19.13 | 19.06 | 18.96 | | |
| 3 | QPSK | 1 | 14 | 19.08 | 19.04 | 18.93 | | |
| 3 | QPSK | 8 | 0 | 19.11 | 19.19 | 19.01 | 20.6 | 0 |
| 3 | QPSK | 8 | 4 | 19.06 | 19.04 | 18.97 | | |
| 3 | QPSK | 8 | 7 | 18.97 | 19.07 | 19.00 | | |
| 3 | QPSK | 15 | 0 | 19.13 | 19.18 | 19.05 | | |
| 3 | 16QAM | 1 | 0 | 19.06 | 18.98 | 18.90 | 20.6 | 0 |
| 3 | 16QAM | 1 | 8 | 19.21 | 19.13 | 19.07 | | |
| 3 | 16QAM | 1 | 14 | 19.18 | 19.09 | 19.09 | | |
| 3 | 16QAM | 8 | 0 | 19.11 | 19.02 | 18.97 | 20.6 | 0 |
| 3 | 16QAM | 8 | 4 | 19.04 | 18.99 | 18.82 | | |
| 3 | 16QAM | 8 | 7 | 19.10 | 19.12 | 18.97 | | |
| 3 | 16QAM | 15 | 0 | 19.02 | 19.07 | 18.96 | | |
| 3 | 64QAM | 1 | 0 | 19.01 | 19.01 | 18.99 | 20.6 | 0 |
| 3 | 64QAM | 1 | 8 | 19.06 | 19.20 | 19.04 | | |
| 3 | 64QAM | 1 | 14 | 19.22 | 19.11 | 18.90 | | |
| 3 | 64QAM | 8 | 0 | 19.11 | 19.09 | 19.07 | 20.6 | 0 |
| 3 | 64QAM | 8 | 4 | 19.12 | 19.11 | 19.11 | | |
| 3 | 64QAM | 8 | 7 | 19.11 | 19.06 | 19.02 | | |
| 3 | 64QAM | 15 | 0 | 19.12 | 19.17 | 18.84 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.23 | 19.30 | 19.17 | 20.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.14 | 19.06 | 18.97 | | |
| 1.4 | QPSK | 1 | 5 | 19.01 | 19.03 | 18.93 | | |
| 1.4 | QPSK | 3 | 0 | 19.14 | 19.18 | 19.04 | | |
| 1.4 | QPSK | 3 | 1 | 19.10 | 19.04 | 18.99 | | |
| 1.4 | QPSK | 3 | 3 | 18.94 | 19.05 | 19.06 | | |
| 1.4 | QPSK | 6 | 0 | 19.10 | 19.13 | 19.12 | 20.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.00 | 18.96 | 18.87 | 20.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.23 | 19.17 | 19.08 | | |
| 1.4 | 16QAM | 1 | 5 | 19.14 | 19.17 | 19.09 | | |
| 1.4 | 16QAM | 3 | 0 | 19.13 | 19.04 | 18.93 | | |
| 1.4 | 16QAM | 3 | 1 | 19.04 | 19.01 | 18.83 | | |
| 1.4 | 16QAM | 3 | 3 | 19.16 | 19.19 | 18.93 | | |
| 1.4 | 16QAM | 6 | 0 | 19.02 | 19.11 | 19.00 | 20.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.06 | 19.06 | 18.93 | 20.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.05 | 19.20 | 19.03 | | |
| 1.4 | 64QAM | 1 | 5 | 19.15 | 19.13 | 18.91 | | |
| 1.4 | 64QAM | 3 | 0 | 19.12 | 19.12 | 19.09 | | |
| 1.4 | 64QAM | 3 | 1 | 19.16 | 19.14 | 19.06 | | |
| 1.4 | 64QAM | 3 | 3 | 19.01 | 18.99 | 19.03 | | |
| 1.4 | 64QAM | 6 | 0 | 19.12 | 19.17 | 18.93 | 20.6 | 0 |

## Band 7 Ant 6 DSI9

| BW [MHz] | 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 | 14.91 | 14.94 | 14.86 | 15.9 | 0 |
| 20 | QPSK | 1 | 49 | 14.67 | 14.77 | 14.76 | | |
| 20 | QPSK | 1 | 99 | 14.75 | 14.80 | 14.87 | | |
| 20 | QPSK | 50 | 0 | 14.73 | 14.88 | 14.71 | 15.9 | 0 |
| 20 | QPSK | 50 | 24 | 14.69 | 14.68 | 14.65 | | |
| 20 | QPSK | 50 | 50 | 14.75 | 14.80 | 14.71 | | |
| 20 | QPSK | 100 | 0 | 14.73 | 14.85 | 14.74 | | |
| 20 | 16QAM | 1 | 0 | 14.77 | 14.68 | 14.53 | 15.9 | 0 |
| 20 | 16QAM | 1 | 49 | 14.90 | 14.85 | 14.79 | | |
| 20 | 16QAM | 1 | 99 | 14.89 | 14.82 | 14.75 | | |
| 20 | 16QAM | 50 | 0 | 14.76 | 14.75 | 14.71 | 15.9 | 0 |
| 20 | 16QAM | 50 | 24 | 14.70 | 14.70 | 14.68 | | |
| 20 | 16QAM | 50 | 50 | 14.76 | 14.86 | 14.71 | | |
| 20 | 16QAM | 100 | 0 | 14.73 | 14.75 | 14.63 | | |
| 20 | 64QAM | 1 | 0 | 14.72 | 14.73 | 14.68 | 15.9 | 0 |
| 20 | 64QAM | 1 | 49 | 14.79 | 14.85 | 14.74 | | |
| 20 | 64QAM | 1 | 99 | 14.84 | 14.80 | 14.67 | | |
| 20 | 64QAM | 50 | 0 | 14.75 | 14.71 | 14.65 | 15.9 | 0 |
| 20 | 64QAM | 50 | 24 | 14.82 | 14.82 | 14.65 | | |
| 20 | 64QAM | 50 | 50 | 14.85 | 14.74 | 14.71 | | |
| 20 | 64QAM | 100 | 0 | 14.85 | 14.72 | 14.67 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 14.80 | 14.86 | 14.80 | 15.9 | 0 |
| 15 | QPSK | 1 | 37 | 14.57 | 14.64 | 14.66 | | |
| 15 | QPSK | 1 | 74 | 14.71 | 14.73 | 14.78 | | |
| 15 | QPSK | 36 | 0 | 14.59 | 14.83 | 14.59 | 15.9 | 0 |
| 15 | QPSK | 36 | 20 | 14.55 | 14.64 | 14.56 | | |
| 15 | QPSK | 36 | 39 | 14.63 | 14.72 | 14.60 | | |
| 15 | QPSK | 75 | 0 | 14.68 | 14.74 | 14.69 | | |
| 15 | 16QAM | 1 | 0 | 14.72 | 14.58 | 14.40 | 15.9 | 0 |
| 15 | 16QAM | 1 | 37 | 14.77 | 14.71 | 14.66 | | |
| 15 | 16QAM | 1 | 74 | 14.82 | 14.73 | 14.68 | | |
| 15 | 16QAM | 36 | 0 | 14.68 | 14.62 | 14.63 | 15.9 | 0 |
| 15 | 16QAM | 36 | 20 | 14.64 | 14.65 | 14.53 | | |
| 15 | 16QAM | 36 | 39 | 14.70 | 14.78 | 14.58 | | |
| 15 | 16QAM | 75 | 0 | 14.69 | 14.72 | 14.49 | | |
| 15 | 64QAM | 1 | 0 | 14.60 | 14.68 | 14.64 | 15.9 | 0 |
| 15 | 64QAM | 1 | 37 | 14.70 | 14.81 | 14.62 | | |
| 15 | 64QAM | 1 | 74 | 14.72 | 14.67 | 14.55 | | |
| 15 | 64QAM | 36 | 0 | 14.71 | 14.59 | 14.53 | 15.9 | 0 |
| 15 | 64QAM | 36 | 20 | 14.79 | 14.74 | 14.55 | | |
| 15 | 64QAM | 36 | 39 | 14.79 | 14.69 | 14.59 | | |
| 15 | 64QAM | 75 | 0 | 14.77 | 14.57 | 14.53 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 14.81 | 14.80 | 14.81 | 15.9 | 0 |
| 10 | QPSK | 1 | 25 | 14.57 | 14.70 | 14.68 | | |
| 10 | QPSK | 1 | 49 | 14.65 | 14.67 | 14.80 | | |
| 10 | QPSK | 25 | 0 | 14.63 | 14.82 | 14.68 | 15.9 | 0 |
| 10 | QPSK | 25 | 12 | 14.61 | 14.54 | 14.60 | | |
| 10 | QPSK | 25 | 25 | 14.64 | 14.75 | 14.64 | | |
| 10 | QPSK | 50 | 0 | 14.60 | 14.76 | 14.68 | | |
| 10 | 16QAM | 1 | 0 | 14.71 | 14.60 | 14.41 | 15.9 | 0 |
| 10 | 16QAM | 1 | 25 | 14.82 | 14.72 | 14.64 | | |
| 10 | 16QAM | 1 | 49 | 14.75 | 14.77 | 14.61 | | |
| 10 | 16QAM | 25 | 0 | 14.73 | 14.69 | 14.60 | 15.9 | 0 |
| 10 | 16QAM | 25 | 12 | 14.59 | 14.67 | 14.59 | | |
| 10 | 16QAM | 25 | 25 | 14.66 | 14.75 | 14.59 | | |
| 10 | 16QAM | 50 | 0 | 14.60 | 14.65 | 14.48 | | |
| 10 | 64QAM | 1 | 0 | 14.64 | 14.62 | 14.63 | 15.9 | 0 |
| 10 | 64QAM | 1 | 25 | 14.71 | 14.72 | 14.64 | | |
| 10 | 64QAM | 1 | 49 | 14.80 | 14.67 | 14.52 | | |
| 10 | 64QAM | 25 | 0 | 14.69 | 14.61 | 14.54 | 15.9 | 0 |
| 10 | 64QAM | 25 | 12 | 14.75 | 14.71 | 14.61 | | |
| 10 | 64QAM | 25 | 25 | 14.81 | 14.60 | 14.61 | | |
| 10 | 64QAM | 50 | 0 | 14.71 | 14.59 | 14.55 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 14.84 | 14.85 | 14.76 | 15.9 | 0 |
| 5 | QPSK | 1 | 12 | 14.60 | 14.67 | 14.70 | | |
| 5 | QPSK | 1 | 24 | 14.66 | 14.71 | 14.83 | | |
| 5 | QPSK | 12 | 0 | 14.68 | 14.77 | 14.63 | 15.9 | 0 |
| 5 | QPSK | 12 | 7 | 14.66 | 14.57 | 14.57 | | |
| 5 | QPSK | 12 | 13 | 14.66 | 14.77 | 14.56 | | |
| 5 | QPSK | 25 | 0 | 14.60 | 14.74 | 14.62 | | |
| 5 | 16QAM | 1 | 0 | 14.65 | 14.63 | 14.43 | 15.9 | 0 |
| 5 | 16QAM | 1 | 12 | 14.78 | 14.70 | 14.68 | | |
| 5 | 16QAM | 1 | 24 | 14.75 | 14.72 | 14.71 | | |
| 5 | 16QAM | 12 | 0 | 14.63 | 14.66 | 14.64 | 15.9 | 0 |
| 5 | 16QAM | 12 | 7 | 14.59 | 14.56 | 14.54 | | |
| 5 | 16QAM | 12 | 13 | 14.69 | 14.76 | 14.63 | | |
| 5 | 16QAM | 25 | 0 | 14.64 | 14.63 | 14.56 | | |
| 5 | 64QAM | 1 | 0 | 14.63 | 14.68 | 14.59 | 15.9 | 0 |
| 5 | 64QAM | 1 | 12 | 14.74 | 14.77 | 14.65 | | |
| 5 | 64QAM | 1 | 24 | 14.71 | 14.71 | 14.52 | | |
| 5 | 64QAM | 12 | 0 | 14.63 | 14.66 | 14.55 | 15.9 | 0 |
| 5 | 64QAM | 12 | 7 | 14.77 | 14.75 | 14.61 | | |
| 5 | 64QAM | 12 | 13 | 14.71 | 14.65 | 14.63 | | |
| 5 | 64QAM | 25 | 0 | 14.70 | 14.60 | 14.60 | | |

## Band 25 Ant 6 DSI9

| BW [MHz] | 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 | 18.10 | 18.14 | 18.11 | 19.2 | 0 |
| 20 | QPSK | 1 | 49 | 17.85 | 17.94 | 17.91 | | |
| 20 | QPSK | 1 | 99 | 17.92 | 17.96 | 18.06 | | |
| 20 | QPSK | 50 | 0 | 17.96 | 18.11 | 17.88 | 19.2 | 0 |
| 20 | QPSK | 50 | 24 | 17.93 | 17.87 | 17.90 | | |
| 20 | QPSK | 50 | 50 | 17.92 | 18.06 | 17.88 | | |
| 20 | QPSK | 100 | 0 | 17.89 | 18.08 | 17.92 | | |
| 20 | 16QAM | 1 | 0 | 17.98 | 17.93 | 17.92 | 19.2 | 0 |
| 20 | 16QAM | 1 | 49 | 18.08 | 18.07 | 18.05 | | |
| 20 | 16QAM | 1 | 99 | 18.09 | 18.05 | 17.97 | | |
| 20 | 16QAM | 50 | 0 | 18.03 | 17.95 | 17.94 | 19.2 | 0 |
| 20 | 16QAM | 50 | 24 | 17.89 | 17.86 | 17.88 | | |
| 20 | 16QAM | 50 | 50 | 17.92 | 18.02 | 17.90 | | |
| 20 | 16QAM | 100 | 0 | 17.89 | 18.00 | 17.79 | | |
| 20 | 64QAM | 1 | 0 | 17.89 | 17.91 | 17.95 | 19.2 | 0 |
| 20 | 64QAM | 1 | 49 | 17.98 | 18.01 | 17.99 | | |
| 20 | 64QAM | 1 | 99 | 18.00 | 18.04 | 17.92 | | |
| 20 | 64QAM | 50 | 0 | 17.95 | 17.96 | 17.90 | 18.2 | 1 |
| 20 | 64QAM | 50 | 24 | 18.05 | 18.04 | 17.82 | | |
| 20 | 64QAM | 50 | 50 | 18.12 | 17.94 | 17.95 | | |
| 20 | 64QAM | 100 | 0 | 18.06 | 17.89 | 17.89 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 17.99 | 18.04 | 17.99 | 19.2 | 0 |
| 15 | QPSK | 1 | 37 | 17.70 | 17.89 | 17.82 | | |
| 15 | QPSK | 1 | 74 | 17.78 | 17.89 | 17.91 | | |
| 15 | QPSK | 36 | 0 | 17.87 | 18.05 | 17.74 | 19.2 | 0 |
| 15 | QPSK | 36 | 20 | 17.89 | 17.81 | 17.81 | | |
| 15 | QPSK | 36 | 39 | 17.78 | 18.03 | 17.77 | | |
| 15 | QPSK | 75 | 0 | 17.83 | 18.04 | 17.85 | | |
| 15 | 16QAM | 1 | 0 | 17.88 | 17.88 | 17.77 | 19.2 | 0 |
| 15 | 16QAM | 1 | 37 | 18.03 | 18.03 | 18.00 | | |
| 15 | 16QAM | 1 | 74 | 18.08 | 18.01 | 17.92 | | |
| 15 | 16QAM | 36 | 0 | 17.98 | 17.89 | 17.87 | 19.2 | 0 |
| 15 | 16QAM | 36 | 20 | 17.74 | 17.72 | 17.80 | | |
| 15 | 16QAM | 36 | 39 | 17.81 | 17.89 | 17.80 | | |
| 15 | 16QAM | 75 | 0 | 17.82 | 17.96 | 17.68 | | |
| 15 | 64QAM | 1 | 0 | 17.78 | 17.84 | 17.92 | 19.2 | 0 |
| 15 | 64QAM | 1 | 37 | 17.89 | 17.90 | 17.94 | | |
| 15 | 64QAM | 1 | 74 | 17.86 | 17.93 | 17.81 | | |
| 15 | 64QAM | 36 | 0 | 17.85 | 17.83 | 17.80 | 18.2 | 1 |
| 15 | 64QAM | 36 | 20 | 17.95 | 17.92 | 17.67 | | |
| 15 | 64QAM | 36 | 39 | 17.98 | 17.86 | 17.90 | | |
| 15 | 64QAM | 75 | 0 | 17.99 | 17.75 | 17.75 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 18.01 | 18.08 | 18.06 | 19.2 | 0 |
| 10 | QPSK | 1 | 25 | 17.82 | 17.83 | 17.85 | | |
| 10 | QPSK | 1 | 49 | 17.85 | 17.86 | 18.00 | | |
| 10 | QPSK | 25 | 0 | 17.88 | 18.03 | 17.81 | 19.2 | 0 |
| 10 | QPSK | 25 | 12 | 17.81 | 17.77 | 17.80 | | |
| 10 | QPSK | 25 | 25 | 17.85 | 17.95 | 17.75 | | |
| 10 | QPSK | 50 | 0 | 17.81 | 17.96 | 17.82 | | |
| 10 | 16QAM | 1 | 0 | 17.90 | 17.80 | 17.84 | 19.2 | 0 |
| 10 | 16QAM | 1 | 25 | 18.00 | 17.99 | 18.02 | | |
| 10 | 16QAM | 1 | 49 | 18.00 | 17.97 | 17.88 | | |
| 10 | 16QAM | 25 | 0 | 17.89 | 17.80 | 17.90 | 19.2 | 0 |
| 10 | 16QAM | 25 | 12 | 17.79 | 17.72 | 17.80 | | |
| 10 | 16QAM | 25 | 25 | 17.79 | 17.90 | 17.80 | | |
| 10 | 16QAM | 50 | 0 | 17.79 | 17.91 | 17.68 | | |
| 10 | 64QAM | 1 | 0 | 17.77 | 17.85 | 17.89 | 19.2 | 0 |
| 10 | 64QAM | 1 | 25 | 17.94 | 17.87 | 17.90 | | |
| 10 | 64QAM | 1 | 49 | 17.86 | 17.92 | 17.85 | | |
| 10 | 64QAM | 25 | 0 | 17.88 | 17.83 | 17.81 | 18.2 | 1 |
| 10 | 64QAM | 25 | 12 | 17.97 | 17.89 | 17.72 | | |
| 10 | 64QAM | 25 | 25 | 18.01 | 17.88 | 17.86 | | |
| 10 | 64QAM | 50 | 0 | 17.94 | 17.74 | 17.84 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 18.00 | 18.01 | 18.03 | 19.2 | 0 |
| 5 | QPSK | 1 | 12 | 17.77 | 17.85 | 17.88 | | |
| 5 | QPSK | 1 | 24 | 17.88 | 17.87 | 17.96 | | |
| 5 | QPSK | 12 | 0 | 17.89 | 17.98 | 17.75 | 19.2 | 0 |
| 5 | QPSK | 12 | 7 | 17.85 | 17.73 | 17.82 | | |
| 5 | QPSK | 12 | 13 | 17.83 | 17.96 | 17.77 | | |
| 5 | QPSK | 25 | 0 | 17.80 | 18.01 | 17.77 | | |
| 5 | 16QAM | 1 | 0 | 17.94 | 17.85 | 17.86 | 19.2 | 0 |
| 5 | 16QAM | 1 | 12 | 18.00 | 17.96 | 17.92 | | |
| 5 | 16QAM | 1 | 24 | 18.06 | 17.95 | 17.86 | | |
| 5 | 16QAM | 12 | 0 | 17.95 | 17.81 | 17.90 | 19.2 | 0 |
| 5 | 16QAM | 12 | 7 | 17.79 | 17.83 | 17.85 | | |
| 5 | 16QAM | 12 | 13 | 17.85 | 17.98 | 17.86 | | |
| 5 | 16QAM | 25 | 0 | 17.80 | 17.90 | 17.74 | | |
| 5 | 64QAM | 1 | 0 | 17.76 | 17.84 | 17.86 | 19.2 | 0 |
| 5 | 64QAM | 1 | 12 | 17.89 | 17.97 | 17.95 | | |
| 5 | 64QAM | 1 | 24 | 17.93 | 18.00 | 17.85 | | |
| 5 | 64QAM | 12 | 0 | 17.83 | 17.81 | 17.80 | 18.2 | 1 |
| 5 | 64QAM | 12 | 7 | 18.02 | 17.89 | 17.77 | | |
| 5 | 64QAM | 12 | 13 | 18.02 | 17.87 | 17.83 | | |
| 5 | 64QAM | 25 | 0 | 18.02 | 17.80 | 17.77 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 18.04 | 17.99 | 17.99 | 19.2 | 0 |
| 3 | QPSK | 1 | 8 | 17.77 | 17.82 | 17.80 | | |
| 3 | QPSK | 1 | 14 | 17.78 | 17.82 | 17.92 | | |
| 3 | QPSK | 8 | 0 | 17.81 | 18.04 | 17.83 | 19.2 | 0 |
| 3 | QPSK | 8 | 4 | 17.81 | 17.84 | 17.85 | | |
| 3 | QPSK | 8 | 7 | 17.87 | 17.92 | 17.79 | | |
| 3 | QPSK | 15 | 0 | 17.80 | 18.03 | 17.79 | | |
| 3 | 16QAM | 1 | 0 | 17.86 | 17.83 | 17.82 | 19.2 | 0 |
| 3 | 16QAM | 1 | 8 | 17.94 | 18.01 | 18.02 | | |
| 3 | 16QAM | 1 | 14 | 18.03 | 17.99 | 17.84 | | |
| 3 | 16QAM | 8 | 0 | 17.98 | 17.88 | 17.81 | 19.2 | 0 |
| 3 | 16QAM | 8 | 4 | 17.79 | 17.82 | 17.84 | | |
| 3 | 16QAM | 8 | 7 | 17.81 | 17.90 | 17.85 | | |
| 3 | 16QAM | 15 | 0 | 17.85 | 17.94 | 17.74 | | |
| 3 | 64QAM | 1 | 0 | 17.80 | 17.84 | 17.89 | 19.2 | 0 |
| 3 | 64QAM | 1 | 8 | 17.92 | 17.88 | 17.91 | | |
| 3 | 64QAM | 1 | 14 | 17.94 | 17.95 | 17.88 | | |
| 3 | 64QAM | 8 | 0 | 17.83 | 17.91 | 17.79 | 18.2 | 1 |
| 3 | 64QAM | 8 | 4 | 18.00 | 17.98 | 17.71 | | |
| 3 | 64QAM | 8 | 7 | 18.01 | 17.90 | 17.89 | | |
| 3 | 64QAM | 15 | 0 | 18.01 | 17.80 | 17.80 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.06 | 18.10 | 17.98 | 19.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.71 | 17.84 | 17.84 | | |
| 1.4 | QPSK | 1 | 5 | 17.86 | 17.92 | 18.03 | | |
| 1.4 | QPSK | 3 | 0 | 17.90 | 18.07 | 17.80 | | |
| 1.4 | QPSK | 3 | 1 | 17.83 | 17.76 | 17.78 | | |
| 1.4 | QPSK | 3 | 3 | 17.81 | 17.99 | 17.74 | | |
| 1.4 | QPSK | 6 | 0 | 17.82 | 17.94 | 17.84 | 19.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.87 | 17.81 | 17.87 | 19.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.99 | 17.98 | 17.99 | | |
| 1.4 | 16QAM | 1 | 5 | 18.10 | 17.94 | 17.85 | | |
| 1.4 | 16QAM | 3 | 0 | 17.88 | 17.89 | 17.87 | | |
| 1.4 | 16QAM | 3 | 1 | 17.86 | 17.79 | 17.76 | | |
| 1.4 | 16QAM | 3 | 3 | 17.80 | 17.89 | 17.75 | | |
| 1.4 | 16QAM | 6 | 0 | 17.80 | 17.89 | 17.66 | 19.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.76 | 17.87 | 17.89 | 19.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.94 | 17.86 | 17.84 | | |
| 1.4 | 64QAM | 1 | 5 | 17.89 | 17.92 | 17.85 | | |
| 1.4 | 64QAM | 3 | 0 | 17.88 | 17.91 | 17.81 | | |
| 1.4 | 64QAM | 3 | 1 | 17.99 | 17.91 | 17.74 | | |
| 1.4 | 64QAM | 3 | 3 | 17.97 | 17.82 | 17.91 | | |
| 1.4 | 64QAM | 6 | 0 | 17.94 | 17.85 | 17.83 | 19.2 | 0 |

## Band 66 Ant 6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.32 | 19.37 | 19.26 | 20.6 | 0 |
| 20 | QPSK | 1 | 49 | 19.03 | 19.09 | 19.08 | | |
| 20 | QPSK | 1 | 99 | 19.12 | 19.21 | 19.32 | | |
| 20 | QPSK | 50 | 0 | 19.16 | 19.28 | 19.08 | 20.6 | 0 |
| 20 | QPSK | 50 | 24 | 19.12 | 19.09 | 19.06 | | |
| 20 | QPSK | 50 | 50 | 19.18 | 19.27 | 19.04 | | |
| 20 | QPSK | 100 | 0 | 19.10 | 19.24 | 19.12 | | |
| 20 | 16QAM | 1 | 0 | 19.22 | 19.16 | 19.09 | 20.6 | 0 |
| 20 | 16QAM | 1 | 49 | 19.34 | 19.28 | 19.28 | | |
| 20 | 16QAM | 1 | 99 | 19.34 | 19.28 | 19.15 | | |
| 20 | 16QAM | 50 | 0 | 19.22 | 19.15 | 19.20 | 20.6 | 0 |
| 20 | 16QAM | 50 | 24 | 19.10 | 19.02 | 19.11 | | |
| 20 | 16QAM | 50 | 50 | 19.16 | 19.26 | 19.15 | | |
| 20 | 16QAM | 100 | 0 | 19.15 | 19.24 | 19.04 | | |
| 20 | 64QAM | 1 | 0 | 19.10 | 19.09 | 19.18 | 20.6 | 0 |
| 20 | 64QAM | 1 | 49 | 19.17 | 19.17 | 19.15 | | |
| 20 | 64QAM | 1 | 99 | 19.23 | 19.23 | 19.09 | | |
| 20 | 64QAM | 50 | 0 | 19.13 | 19.23 | 19.11 | 20.6 | 0 |
| 20 | 64QAM | 50 | 24 | 19.27 | 19.22 | 19.05 | | |
| 20 | 64QAM | 50 | 50 | 19.33 | 19.10 | 19.15 | | |
| 20 | 64QAM | 100 | 0 | 19.27 | 19.16 | 19.10 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.26 | 19.24 | 19.12 | 20.6 | 0 |
| 15 | QPSK | 1 | 37 | 18.91 | 19.06 | 18.96 | | |
| 15 | QPSK | 1 | 74 | 19.03 | 19.16 | 19.24 | | |
| 15 | QPSK | 36 | 0 | 19.06 | 19.19 | 19.05 | 20.6 | 0 |
| 15 | QPSK | 36 | 20 | 19.01 | 18.94 | 18.99 | | |
| 15 | QPSK | 36 | 39 | 19.08 | 19.14 | 18.91 | | |
| 15 | QPSK | 75 | 0 | 18.97 | 19.18 | 18.98 | | |
| 15 | 16QAM | 1 | 0 | 19.18 | 19.12 | 19.05 | 20.6 | 0 |
| 15 | 16QAM | 1 | 37 | 19.26 | 19.16 | 19.23 | | |
| 15 | 16QAM | 1 | 74 | 19.28 | 19.22 | 19.04 | | |
| 15 | 16QAM | 36 | 0 | 19.16 | 19.10 | 19.09 | 20.6 | 0 |
| 15 | 16QAM | 36 | 20 | 19.06 | 18.89 | 19.04 | | |
| 15 | 16QAM | 36 | 39 | 19.05 | 19.19 | 19.05 | | |
| 15 | 16QAM | 75 | 0 | 19.09 | 19.16 | 18.97 | | |
| 15 | 64QAM | 1 | 0 | 18.99 | 19.02 | 19.08 | 20.6 | 0 |
| 15 | 64QAM | 1 | 37 | 19.04 | 19.11 | 19.10 | | |
| 15 | 64QAM | 1 | 74 | 19.16 | 19.13 | 18.97 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.19 | 19.01 | 20.6 | 0 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.19 | 18.98 | | |
| 15 | 64QAM | 36 | 39 | 19.24 | 19.04 | 19.10 | | |
| 15 | 64QAM | 75 | 0 | 19.22 | 19.12 | 19.07 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.21 | 19.29 | 19.20 | 20.6 | 0 |
| 10 | QPSK | 1 | 25 | 19.00 | 19.02 | 18.96 | | |
| 10 | QPSK | 1 | 49 | 18.99 | 19.08 | 19.18 | | |
| 10 | QPSK | 25 | 0 | 19.07 | 19.18 | 19.04 | 20.6 | 0 |
| 10 | QPSK | 25 | 12 | 19.02 | 19.03 | 18.94 | | |
| 10 | QPSK | 25 | 25 | 19.04 | 19.19 | 18.90 | | |
| 10 | QPSK | 50 | 0 | 19.06 | 19.18 | 19.09 | | |
| 10 | 16QAM | 1 | 0 | 19.07 | 19.08 | 19.05 | 20.6 | 0 |
| 10 | 16QAM | 1 | 25 | 19.23 | 19.16 | 19.16 | | |
| 10 | 16QAM | 1 | 49 | 19.25 | 19.23 | 19.01 | | |
| 10 | 16QAM | 25 | 0 | 19.18 | 19.07 | 19.09 | 20.6 | 0 |
| 10 | 16QAM | 25 | 12 | 19.00 | 18.93 | 19.08 | | |
| 10 | 16QAM | 25 | 25 | 19.07 | 19.18 | 19.11 | | |
| 10 | 16QAM | 50 | 0 | 19.07 | 19.15 | 18.94 | | |
| 10 | 64QAM | 1 | 0 | 18.99 | 19.04 | 19.04 | 20.6 | 0 |
| 10 | 64QAM | 1 | 25 | 19.11 | 19.12 | 19.00 | | |
| 10 | 64QAM | 1 | 49 | 19.13 | 19.19 | 18.95 | | |
| 10 | 64QAM | 25 | 0 | 19.01 | 19.09 | 18.96 | 20.6 | 0 |
| 10 | 64QAM | 25 | 12 | 19.14 | 19.12 | 18.91 | | |
| 10 | 64QAM | 25 | 25 | 19.27 | 19.03 | 19.09 | | |
| 10 | 64QAM | 50 | 0 | 19.21 | 19.11 | 19.06 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.22 | 19.23 | 19.20 | 20.6 | 0 |
| 5 | QPSK | 1 | 12 | 18.94 | 19.00 | 18.97 | | |
| 5 | QPSK | 1 | 24 | 18.99 | 19.10 | 19.29 | | |
| 5 | QPSK | 12 | 0 | 19.09 | 19.20 | 18.96 | 20.6 | 0 |
| 5 | QPSK | 12 | 7 | 19.00 | 18.97 | 19.00 | | |
| 5 | QPSK | 12 | 13 | 19.12 | 19.22 | 18.90 | | |
| 5 | QPSK | 25 | 0 | 18.99 | 19.19 | 19.08 | | |
| 5 | 16QAM | 1 | 0 | 19.11 | 19.09 | 18.97 | 20.6 | 0 |
| 5 | 16QAM | 1 | 12 | 19.24 | 19.20 | 19.20 | | |
| 5 | 16QAM | 1 | 24 | 19.27 | 19.19 | 19.10 | | |
| 5 | 16QAM | 12 | 0 | 19.09 | 19.06 | 19.06 | 20.6 | 0 |
| 5 | 16QAM | 12 | 7 | 18.98 | 18.99 | 18.97 | | |
| 5 | 16QAM | 12 | 13 | 19.12 | 19.21 | 19.05 | | |
| 5 | 16QAM | 25 | 0 | 19.08 | 19.17 | 18.97 | | |
| 5 | 64QAM | 1 | 0 | 19.03 | 18.95 | 19.03 | 20.6 | 0 |
| 5 | 64QAM | 1 | 12 | 19.08 | 19.13 | 19.11 | | |
| 5 | 64QAM | 1 | 24 | 19.12 | 19.19 | 18.99 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.11 | 19.06 | 20.6 | 0 |
| 5 | 64QAM | 12 | 7 | 19.16 | 19.09 | 18.98 | | |
| 5 | 64QAM | 12 | 13 | 19.18 | 19.03 | 19.04 | | |
| 5 | 64QAM | 25 | 0 | 19.23 | 19.12 | 19.01 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.26 | 19.32 | 19.15 | 20.6 | 0 |
| 3 | QPSK | 1 | 8 | 18.99 | 19.06 | 18.97 | | |
| 3 | QPSK | 1 | 14 | 19.07 | 19.17 | 19.28 | | |
| 3 | QPSK | 8 | 0 | 19.13 | 19.17 | 19.05 | 20.6 | 0 |
| 3 | QPSK | 8 | 4 | 18.99 | 18.99 | 19.00 | | |
| 3 | QPSK | 8 | 7 | 19.05 | 19.18 | 18.93 | | |
| 3 | QPSK | 15 | 0 | 19.06 | 19.12 | 19.09 | | |
| 3 | 16QAM | 1 | 0 | 19.09 | 19.02 | 19.00 | 20.6 | 0 |
| 3 | 16QAM | 1 | 8 | 19.27 | 19.17 | 19.24 | | |
| 3 | 16QAM | 1 | 14 | 19.21 | 19.23 | 19.05 | | |
| 3 | 16QAM | 8 | 0 | 19.08 | 19.12 | 19.11 | 20.6 | 0 |
| 3 | 16QAM | 8 | 4 | 18.98 | 18.93 | 19.00 | | |
| 3 | 16QAM | 8 | 7 | 19.09 | 19.18 | 19.05 | | |
| 3 | 16QAM | 15 | 0 | 19.06 | 19.16 | 18.92 | | |
| 3 | 64QAM | 1 | 0 | 19.03 | 18.96 | 19.07 | 20.6 | 0 |
| 3 | 64QAM | 1 | 8 | 19.11 | 19.06 | 19.04 | | |
| 3 | 64QAM | 1 | 14 | 19.08 | 19.08 | 18.94 | | |
| 3 | 64QAM | 8 | 0 | 19.02 | 19.12 | 19.05 | 20.6 | 0 |
| 3 | 64QAM | 8 | 4 | 19.23 | 19.13 | 18.95 | | |
| 3 | 64QAM | 8 | 7 | 19.29 | 19.04 | 19.08 | | |
| 3 | 64QAM | 15 | 0 | 19.19 | 19.01 | 19.06 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.23 | 19.25 | 19.16 | 20.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.99 | 18.95 | 19.04 | | |
| 1.4 | QPSK | 1 | 5 | 19.05 | 19.15 | 19.22 | | |
| 1.4 | QPSK | 3 | 0 | 19.10 | 19.16 | 18.99 | | |
| 1.4 | QPSK | 3 | 1 | 19.08 | 19.02 | 18.92 | | |
| 1.4 | QPSK | 3 | 3 | 19.12 | 19.17 | 19.01 | | |
| 1.4 | QPSK | 6 | 0 | 19.03 | 19.11 | 19.02 | 20.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.08 | 19.10 | 19.01 | 20.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.31 | 19.23 | 19.22 | | |
| 1.4 | 16QAM | 1 | 5 | 19.30 | 19.20 | 19.12 | | |
| 1.4 | 16QAM | 3 | 0 | 19.17 | 19.11 | 19.11 | | |
| 1.4 | 16QAM | 3 | 1 | 18.96 | 18.90 | 18.98 | | |
| 1.4 | 16QAM | 3 | 3 | 19.09 | 19.20 | 19.11 | | |
| 1.4 | 16QAM | 6 | 0 | 19.08 | 19.10 | 18.93 | 20.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.96 | 19.01 | 19.04 | 20.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.04 | 19.11 | 19.08 | | |
| 1.4 | 64QAM | 1 | 5 | 19.10 | 19.18 | 19.05 | | |
| 1.4 | 64QAM | 3 | 0 | 18.99 | 19.15 | 18.96 | | |
| 1.4 | 64QAM | 3 | 1 | 19.14 | 19.17 | 18.94 | | |
| 1.4 | 64QAM | 3 | 3 | 19.18 | 19.06 | 19.11 | | |
| 1.4 | 64QAM | 6 | 0 | 19.19 | 19.12 | 18.97 | 20.6 | 0 |

## Band 38 Ant 6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 16.35 | 16.37 | 16.31 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.04 | 16.07 | 16.14 | | |
| 20 | QPSK | 1 | 99 | 16.18 | 16.22 | 16.34 | | |
| 20 | QPSK | 50 | 0 | 16.15 | 16.34 | 16.09 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.17 | 16.06 | 16.06 | | |
| 20 | QPSK | 50 | 50 | 16.24 | 16.32 | 16.00 | | |
| 20 | QPSK | 100 | 0 | 16.09 | 16.19 | 16.16 | | |
| 20 | 16QAM | 1 | 0 | 16.20 | 16.17 | 16.11 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.35 | 16.26 | 16.35 | | |
| 20 | 16QAM | 1 | 99 | 16.32 | 16.31 | 16.16 | | |
| 20 | 16QAM | 50 | 0 | 16.25 | 16.22 | 16.21 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.13 | 16.01 | 16.17 | | |
| 20 | 16QAM | 50 | 50 | 16.20 | 16.33 | 16.19 | | |
| 20 | 16QAM | 100 | 0 | 16.12 | 16.30 | 16.09 | | |
| 20 | 64QAM | 1 | 0 | 16.10 | 16.10 | 16.17 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.22 | 16.13 | 16.19 | | |
| 20 | 64QAM | 1 | 99 | 16.26 | 16.18 | 16.05 | | |
| 20 | 64QAM | 50 | 0 | 16.11 | 16.21 | 16.07 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.31 | 16.26 | 16.05 | | |
| 20 | 64QAM | 50 | 50 | 16.35 | 16.17 | 16.20 | | |
| 20 | 64QAM | 100 | 0 | 16.29 | 16.15 | 16.17 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.23 | 16.32 | 16.19 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 15.91 | 15.96 | 16.02 | | |
| 15 | QPSK | 1 | 74 | 16.10 | 16.19 | 16.27 | | |
| 15 | QPSK | 36 | 0 | 16.01 | 16.24 | 16.02 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.09 | 15.94 | 15.98 | | |
| 15 | QPSK | 36 | 39 | 16.15 | 16.26 | 15.86 | | |
| 15 | QPSK | 75 | 0 | 16.01 | 16.13 | 16.10 | | |
| 15 | 16QAM | 1 | 0 | 16.15 | 16.03 | 16.07 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.27 | 16.23 | 16.25 | | |
| 15 | 16QAM | 1 | 74 | 16.28 | 16.24 | 16.07 | | |
| 15 | 16QAM | 36 | 0 | 16.19 | 16.17 | 16.13 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.08 | 15.97 | 16.13 | | |
| 15 | 16QAM | 36 | 39 | 16.12 | 16.30 | 16.09 | | |
| 15 | 16QAM | 75 | 0 | 16.06 | 16.23 | 15.95 | | |
| 15 | 64QAM | 1 | 0 | 16.02 | 15.98 | 16.05 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.10 | 16.01 | 16.06 | | |
| 15 | 64QAM | 1 | 74 | 16.22 | 16.08 | 15.90 | | |
| 15 | 64QAM | 36 | 0 | 16.07 | 16.10 | 15.96 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.19 | 16.17 | 15.92 | | |
| 15 | 64QAM | 36 | 39 | 16.25 | 16.08 | 16.17 | | |
| 15 | 64QAM | 75 | 0 | 16.19 | 16.00 | 16.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.29 | 16.28 | 16.25 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 15.90 | 15.94 | 16.04 | | |
| 10 | QPSK | 1 | 49 | 16.12 | 16.18 | 16.30 | | |
| 10 | QPSK | 25 | 0 | 16.02 | 16.23 | 16.04 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.02 | 15.94 | 15.94 | | |
| 10 | QPSK | 25 | 25 | 16.17 | 16.28 | 15.96 | | |
| 10 | QPSK | 50 | 0 | 15.95 | 16.04 | 16.12 | | |
| 10 | 16QAM | 1 | 0 | 16.09 | 16.04 | 16.08 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.32 | 16.21 | 16.26 | | |
| 10 | 16QAM | 1 | 49 | 16.25 | 16.21 | 16.03 | | |
| 10 | 16QAM | 25 | 0 | 16.17 | 16.18 | 16.18 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.03 | 15.96 | 16.11 | | |
| 10 | 16QAM | 25 | 25 | 16.07 | 16.29 | 16.07 | | |
| 10 | 16QAM | 50 | 0 | 16.08 | 16.23 | 15.95 | | |
| 10 | 64QAM | 1 | 0 | 16.02 | 16.02 | 16.05 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.15 | 16.04 | 16.12 | | |
| 10 | 64QAM | 1 | 49 | 16.11 | 16.12 | 15.98 | | |
| 10 | 64QAM | 25 | 0 | 16.03 | 16.07 | 16.00 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.18 | 16.20 | 15.93 | | |
| 10 | 64QAM | 25 | 25 | 16.32 | 16.08 | 16.11 | | |
| 10 | 64QAM | 50 | 0 | 16.24 | 16.05 | 16.03 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.27 | 16.25 | 16.16 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 15.99 | 15.98 | 16.04 | | |
| 5 | QPSK | 1 | 24 | 16.13 | 16.11 | 16.25 | | |
| 5 | QPSK | 12 | 0 | 16.11 | 16.31 | 15.98 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.08 | 15.91 | 15.92 | | |
| 5 | QPSK | 12 | 13 | 16.10 | 16.17 | 15.93 | | |
| 5 | QPSK | 25 | 0 | 16.06 | 16.12 | 16.09 | | |
| 5 | 16QAM | 1 | 0 | 16.13 | 16.08 | 16.01 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.20 | 16.21 | 16.31 | | |
| 5 | 16QAM | 1 | 24 | 16.18 | 16.18 | 16.08 | | |
| 5 | 16QAM | 12 | 0 | 16.20 | 16.10 | 16.08 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 15.98 | 15.87 | 16.05 | | |
| 5 | 16QAM | 12 | 13 | 16.12 | 16.18 | 16.10 | | |
| 5 | 16QAM | 25 | 0 | 15.99 | 16.23 | 15.99 | | |
| 5 | 64QAM | 1 | 0 | 15.98 | 15.95 | 16.02 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.10 | 16.07 | 16.10 | | |
| 5 | 64QAM | 1 | 24 | 16.16 | 16.08 | 15.93 | | |
| 5 | 64QAM | 12 | 0 | 16.04 | 16.18 | 15.99 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.24 | 16.13 | 15.91 | | |
| 5 | 64QAM | 12 | 13 | 16.26 | 16.04 | 16.12 | | |

## Band 41 Ant 6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 16.45 | 16.39 | 16.53 | 16.47 | 16.42 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 16.22 | 16.23 | 16.15 | 16.20 | 16.30 | | |
| 20 | QPSK | 1 | 99 | 16.33 | 16.45 | 16.30 | 16.51 | 16.49 | | |
| 20 | QPSK | 50 | 0 | 16.45 | 16.36 | 16.49 | 16.21 | 16.23 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 16.21 | 16.32 | 16.23 | 16.19 | 16.28 | | |
| 20 | QPSK | 50 | 50 | 16.47 | 16.27 | 16.39 | 16.39 | 16.40 | | |
| 20 | QPSK | 100 | 0 | 16.27 | 16.25 | 16.31 | 16.28 | 16.21 | | |
| 20 | 16QAM | 1 | 0 | 16.25 | 16.22 | 16.32 | 16.27 | 16.19 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 16.36 | 16.48 | 16.40 | 16.49 | 16.44 | | |
| 20 | 16QAM | 1 | 99 | 16.46 | 16.31 | 16.47 | 16.26 | 16.27 | | |
| 20 | 16QAM | 50 | 0 | 16.36 | 16.34 | 16.36 | 16.31 | 16.26 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 16.27 | 16.22 | 16.26 | 16.33 | 16.34 | | |
| 20 | 16QAM | 50 | 50 | 16.49 | 16.28 | 16.42 | 16.26 | 16.31 | | |
| 20 | 16QAM | 100 | 0 | 16.40 | 16.16 | 16.45 | 16.20 | 16.14 | | |
| 20 | 64QAM | 1 | 0 | 16.19 | 16.32 | 16.17 | 16.29 | 16.27 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 16.30 | 16.26 | 16.28 | 16.34 | 16.26 | | |
| 20 | 64QAM | 1 | 99 | 16.32 | 16.18 | 16.24 | 16.16 | 16.22 | | |
| 20 | 64QAM | 50 | 0 | 16.26 | 16.18 | 16.32 | 16.20 | 16.24 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 16.37 | 16.20 | 16.33 | 16.12 | 16.19 | | |
| 20 | 64QAM | 50 | 50 | 16.33 | 16.29 | 16.25 | 16.27 | 16.26 | | |
| 20 | 64QAM | 100 | 0 | 16.31 | 16.22 | 16.30 | 16.27 | 16.28 | | |
| 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 | 16.38 | 16.30 | 16.49 | 16.37 | 16.28 | 17.20 | 0 |
| 15 | QPSK | 1 | 37 | 16.16 | 16.11 | 16.10 | 16.12 | 16.15 | | |
| 15 | QPSK | 1 | 74 | 16.18 | 16.35 | 16.16 | 16.41 | 16.44 | | |
| 15 | QPSK | 36 | 0 | 16.31 | 16.25 | 16.40 | 16.08 | 16.09 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 16.06 | 16.23 | 16.14 | 16.06 | 16.21 | | |
| 15 | QPSK | 36 | 39 | 16.41 | 16.24 | 16.35 | 16.31 | 16.30 | | |
| 15 | QPSK | 75 | 0 | 16.23 | 16.10 | 16.16 | 16.24 | 16.09 | | |
| 15 | 16QAM | 1 | 0 | 16.15 | 16.16 | 16.22 | 16.15 | 16.09 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 16.23 | 16.35 | 16.31 | 16.44 | 16.34 | | |
| 15 | 16QAM | 1 | 74 | 16.34 | 16.18 | 16.43 | 16.15 | 16.13 | | |
| 15 | 16QAM | 36 | 0 | 16.33 | 16.27 | 16.24 | 16.27 | 16.19 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 16.18 | 16.12 | 16.22 | 16.28 | 16.22 | | |
| 15 | 16QAM | 36 | 39 | 16.40 | 16.18 | 16.35 | 16.20 | 16.17 | | |
| 15 | 16QAM | 75 | 0 | 16.36 | 16.04 | 16.41 | 16.16 | 16.08 | | |
| 15 | 64QAM | 1 | 0 | 16.10 | 16.27 | 16.03 | 16.17 | 16.17 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 16.22 | 16.14 | 16.22 | 16.28 | 16.16 | | |
| 15 | 64QAM | 1 | 74 | 16.25 | 16.07 | 16.18 | 16.08 | 16.19 | | |
| 15 | 64QAM | 36 | 0 | 16.21 | 16.06 | 16.26 | 16.15 | 16.14 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 16.30 | 16.12 | 16.20 | 16.00 | 16.16 | | |
| 15 | 64QAM | 36 | 39 | 16.20 | 16.21 | 16.17 | 16.17 | 16.15 | | |
| 15 | 64QAM | 75 | 0 | 16.27 | 16.09 | 16.15 | 16.21 | 16.16 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 16.36 | 16.35 | 16.42 | 16.33 | 16.34 | 17.20 | 0 |
| 10 | QPSK | 1 | 25 | 16.15 | 16.18 | 16.00 | 16.12 | 16.19 | | |
| 10 | QPSK | 1 | 49 | 16.26 | 16.31 | 16.22 | 16.40 | 16.38 | | |
| 10 | QPSK | 25 | 0 | 16.37 | 16.28 | 16.43 | 16.06 | 16.14 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 16.06 | 16.27 | 16.20 | 16.05 | 16.18 | | |
| 10 | QPSK | 25 | 25 | 16.38 | 16.17 | 16.29 | 16.30 | 16.30 | | |
| 10 | QPSK | 50 | 0 | 16.22 | 16.20 | 16.16 | 16.14 | 16.11 | | |
| 10 | 16QAM | 1 | 0 | 16.14 | 16.16 | 16.19 | 16.17 | 16.08 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 16.30 | 16.41 | 16.32 | 16.37 | 16.31 | | |
| 10 | 16QAM | 1 | 49 | 16.36 | 16.19 | 16.34 | 16.11 | 16.14 | | |
| 10 | 16QAM | 25 | 0 | 16.28 | 16.31 | 16.33 | 16.19 | 16.22 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 16.21 | 16.18 | 16.16 | 16.24 | 16.26 | | |
| 10 | 16QAM | 25 | 25 | 16.36 | 16.25 | 16.33 | 16.12 | 16.26 | | |
| 10 | 16QAM | 50 | 0 | 16.35 | 16.12 | 16.41 | 16.10 | 16.09 | | |
| 10 | 64QAM | 1 | 0 | 16.09 | 16.25 | 16.14 | 16.15 | 16.22 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 16.21 | 16.18 | 16.17 | 16.25 | 16.14 | | |
| 10 | 64QAM | 1 | 49 | 16.21 | 16.15 | 16.16 | 16.10 | 16.08 | | |
| 10 | 64QAM | 25 | 0 | 16.19 | 16.10 | 16.17 | 16.14 | 16.12 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 16.28 | 16.05 | 16.29 | 16.01 | 16.14 | | |
| 10 | 64QAM | 25 | 25 | 16.24 | 16.20 | 16.19 | 16.16 | 16.18 | | |
| 10 | 64QAM | 50 | 0 | 16.26 | 16.07 | 16.24 | 16.16 | 16.25 | | |
| 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 | 16.37 | 16.29 | 16.46 | 16.38 | 16.31 | 17.20 | 0 |
| 5 | QPSK | 1 | 12 | 16.08 | 16.10 | 16.04 | 16.12 | 16.19 | | |
| 5 | QPSK | 1 | 24 | 16.18 | 16.39 | 16.21 | 16.40 | 16.34 | | |
| 5 | QPSK | 12 | 0 | 16.33 | 16.27 | 16.38 | 16.14 | 16.14 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 16.08 | 16.19 | 16.19 | 16.08 | 16.22 | | |
| 5 | QPSK | 12 | 13 | 16.38 | 16.15 | 16.31 | 16.26 | 16.28 | | |
| 5 | QPSK | 25 | 0 | 16.19 | 16.21 | 16.28 | 16.14 | 16.18 | | |
| 5 | 16QAM | 1 | 0 | 16.15 | 16.08 | 16.24 | 16.16 | 16.11 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 16.23 | 16.44 | 16.29 | 16.40 | 16.37 | | |
| 5 | 16QAM | 1 | 24 | 16.39 | 16.25 | 16.42 | 16.12 | 16.17 | | |
| 5 | 16QAM | 12 | 0 | 16.26 | 16.28 | 16.28 | 16.20 | 16.18 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 16.14 | 16.15 | 16.16 | 16.19 | 16.31 | | |
| 5 | 16QAM | 12 | 13 | 16.43 | 16.23 | 16.28 | 16.22 | 16.27 | | |
| 5 | 16QAM | 25 | 0 | 16.31 | 16.01 | 16.33 | 16.12 | 16.10 | | |
| 5 | 64QAM | 1 | 0 | 16.10 | 16.19 | 16.13 | 16.17 | 16.19 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 16.17 | 16.21 | 16.21 | 16.22 | 16.21 | | |
| 5 | 64QAM | 1 | 24 | 16.20 | 16.03 | 16.16 | 16.04 | 16.15 | | |
| 5 | 64QAM | 12 | 0 | 16.17 | 16.07 | 16.23 | 16.05 | 16.17 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 16.30 | 16.06 | 16.27 | 15.97 | 16.12 | | |
| 5 | 64QAM | 12 | 13 | 16.29 | 16.25 | 16.10 | 16.19 | 16.13 | | |

# Reduced Power Level for DSI 11

GSM850 Ant 0 DSI11

| 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 | 30.63 | 30.83 | 30.81 | 32.00 | 21.63 | 21.83 | 21.81 | 23.00 |
| GPRS 1 Tx slot | 30.55 | 30.60 | 30.81 | 32.00 | 21.55 | 21.60 | 21.81 | 23.00 |
| GPRS 2 Tx slots | 27.01 | 27.03 | 27.10 | 29.00 | 21.01 | 21.03 | 21.10 | 23.00 |
| GPRS 3 Tx slots | 25.24 | 25.26 | 25.38 | 27.20 | 20.98 | 21.00 | 21.12 | 22.94 |
| GPRS 4 Tx slots | 24.06 | 24.13 | 24.02 | 26.00 | 21.06 | 21.13 | 21.02 | 23.00 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI11

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.14 | 22.19 | 22.10 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.21 | 22.26 | 22.17 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.83 | 18.95 | 18.84 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.88 | 18.96 | 18.87 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.43 | 20.47 | 20.36 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.22 | 20.53 | 20.38 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.79 | 19.04 | 18.83 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.76 | 18.92 | 18.95 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.25 | 20.44 | 20.38 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.30 | 20.50 | 20.44 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.83 | 18.92 | 18.86 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.80 | 16.93 | 16.91 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.75 | 18.05 | 17.93 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.81 | 16.96 | 16.84 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.82 | 18.96 | 18.95 | 20.00 |

## Band 5 Ant 0 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.10 | 22.30 | 22.26 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 22.15 | 22.14 | 22.13 | | |
| 10 | QPSK | 1 | 49 | 22.16 | 22.16 | 22.18 | | |
| 10 | QPSK | 25 | 0 | 22.15 | 22.27 | 22.15 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 22.17 | 22.12 | 22.14 | | |
| 10 | QPSK | 25 | 25 | 22.23 | 22.12 | 22.22 | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.23 | 22.20 | | |
| 10 | 16QAM | 1 | 0 | 22.04 | 22.08 | 22.13 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.19 | 22.23 | 22.21 | | |
| 10 | 16QAM | 1 | 49 | 22.18 | 22.16 | 22.11 | | |
| 10 | 16QAM | 25 | 0 | 22.05 | 22.10 | 22.14 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 22.15 | 22.18 | 22.20 | | |
| 10 | 16QAM | 25 | 25 | 22.11 | 22.14 | 22.27 | | |
| 10 | 16QAM | 50 | 0 | 22.11 | 22.12 | 22.14 | | |
| 10 | 64QAM | 1 | 0 | 22.08 | 22.19 | 22.14 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.23 | 22.25 | 22.29 | | |
| 10 | 64QAM | 1 | 49 | 22.19 | 22.11 | 22.29 | | |
| 10 | 64QAM | 25 | 0 | 21.63 | 21.70 | 21.62 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.51 | 21.60 | 21.52 | | |
| 10 | 64QAM | 25 | 25 | 21.50 | 21.55 | 21.47 | | |
| 10 | 64QAM | 50 | 0 | 21.47 | 21.61 | 21.47 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.99 | 22.18 | 22.18 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 22.12 | 22.01 | 22.04 | | |
| 5 | QPSK | 1 | 24 | 22.03 | 22.06 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 22.12 | 22.23 | 22.03 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 22.07 | 22.09 | 22.10 | | |
| 5 | QPSK | 12 | 13 | 22.15 | 22.04 | 22.13 | | |
| 5 | QPSK | 25 | 0 | 22.14 | 22.10 | 22.10 | | |
| 5 | 16QAM | 1 | 0 | 21.92 | 22.02 | 22.01 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.12 | 22.18 | 22.11 | | |
| 5 | 16QAM | 1 | 24 | 22.12 | 22.13 | 22.23 | | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.99 | 22.01 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 22.09 | 22.06 | 22.12 | | |
| 5 | 16QAM | 12 | 13 | 22.05 | 22.09 | 22.13 | | |
| 5 | 16QAM | 25 | 0 | 22.02 | 21.99 | 22.03 | | |
| 5 | 64QAM | 1 | 0 | 21.96 | 22.14 | 22.06 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 22.20 | 22.11 | 22.17 | | |
| 5 | 64QAM | 1 | 24 | 22.06 | 22.01 | 22.15 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.59 | 21.47 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.43 | 21.56 | 21.48 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.43 | 21.44 | | |
| 5 | 64QAM | 25 | 0 | 21.35 | 21.50 | 21.37 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.03 | 22.26 | 22.14 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 22.02 | 22.04 | 22.00 | | |
| 3 | QPSK | 1 | 14 | 22.10 | 22.05 | 22.09 | | |
| 3 | QPSK | 8 | 0 | 22.10 | 22.17 | 22.07 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 22.09 | 21.98 | 22.03 | | |
| 3 | QPSK | 8 | 7 | 22.16 | 21.99 | 22.10 | | |
| 3 | QPSK | 15 | 0 | 22.18 | 22.11 | 22.12 | | |
| 3 | 16QAM | 1 | 0 | 22.00 | 21.97 | 22.04 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 22.16 | 22.09 | 22.14 | | |
| 3 | 16QAM | 1 | 14 | 22.12 | 22.08 | 22.23 | | |
| 3 | 16QAM | 8 | 0 | 21.95 | 21.98 | 22.09 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 22.06 | 22.05 | 22.17 | | |
| 3 | 16QAM | 8 | 7 | 22.01 | 22.11 | 22.17 | | |
| 3 | 16QAM | 15 | 0 | 22.02 | 21.98 | 22.06 | | |
| 3 | 64QAM | 1 | 0 | 21.99 | 22.15 | 22.02 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 22.14 | 22.18 | 22.25 | | |
| 3 | 64QAM | 1 | 14 | 22.07 | 22.06 | 22.17 | | |
| 3 | 64QAM | 8 | 0 | 21.49 | 21.56 | 21.50 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.37 | 21.51 | 21.46 | | |
| 3 | 64QAM | 8 | 7 | 21.44 | 21.51 | 21.33 | | |
| 3 | 64QAM | 15 | 0 | 21.40 | 21.51 | 21.40 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.01 | 22.15 | 22.11 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.11 | 22.08 | 22.00 | | |
| 1.4 | QPSK | 1 | 5 | 22.09 | 22.08 | 22.08 | | |
| 1.4 | QPSK | 3 | 0 | 22.03 | 22.13 | 22.10 | | |
| 1.4 | QPSK | 3 | 1 | 22.05 | 22.04 | 22.09 | | |
| 1.4 | QPSK | 3 | 3 | 22.18 | 22.08 | 22.15 | | |
| 1.4 | QPSK | 6 | 0 | 22.08 | 22.15 | 22.14 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.98 | 21.94 | 22.05 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.09 | 22.12 | 22.08 | | |
| 1.4 | 16QAM | 1 | 5 | 22.04 | 22.06 | 22.25 | | |
| 1.4 | 16QAM | 3 | 0 | 21.97 | 21.99 | 22.06 | | |
| 1.4 | 16QAM | 3 | 1 | 22.08 | 22.08 | 22.07 | | |
| 1.4 | 16QAM | 3 | 3 | 21.98 | 22.09 | 22.19 | | |
| 1.4 | 16QAM | 6 | 0 | 22.05 | 22.08 | 22.03 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.95 | 22.09 | 22.00 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.13 | 22.22 | 22.15 | | |
| 1.4 | 64QAM | 1 | 5 | 22.11 | 22.02 | 22.16 | | |
| 1.4 | 64QAM | 3 | 0 | 22.08 | 22.19 | 22.07 | | |
| 1.4 | 64QAM | 3 | 1 | 21.89 | 21.98 | 22.00 | | |
| 1.4 | 64QAM | 3 | 3 | 22.14 | 22.12 | 22.15 | | |
| 1.4 | 64QAM | 6 | 0 | 21.40 | 21.57 | 21.33 | 22.5 | 0.5 |

## Band 12 Ant 0 DSI11

| BW [MHz] | 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 | 21.95 | 22.21 | 22.12 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.95 | 22.02 | 21.94 | | |
| 10 | QPSK | 1 | 49 | 21.98 | 22.06 | 22.01 | | |
| 10 | QPSK | 25 | 0 | 21.97 | 22.15 | 22.02 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 22.08 | 21.95 | 22.03 | | |
| 10 | QPSK | 25 | 25 | 22.05 | 22.10 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 22.08 | 22.14 | 22.07 | | |
| 10 | 16QAM | 1 | 0 | 21.85 | 21.95 | 22.04 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.11 | 22.14 | 22.04 | | |
| 10 | 16QAM | 1 | 49 | 22.08 | 21.97 | 22.12 | | |
| 10 | 16QAM | 25 | 0 | 21.95 | 22.00 | 22.05 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.98 | 22.08 | 22.08 | | |
| 10 | 16QAM | 25 | 25 | 21.93 | 22.01 | 22.14 | | |
| 10 | 16QAM | 50 | 0 | 21.92 | 21.93 | 21.99 | | |
| 10 | 64QAM | 1 | 0 | 21.91 | 22.07 | 21.98 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.14 | 22.13 | 22.17 | | |
| 10 | 64QAM | 1 | 49 | 22.01 | 22.00 | 22.18 | | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.77 | 21.64 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.60 | | |
| 10 | 64QAM | 25 | 25 | 21.69 | 21.73 | 21.64 | | |
| 10 | 64QAM | 50 | 0 | 21.50 | 21.63 | 21.55 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.91 | 22.07 | 22.02 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.92 | 21.92 | 21.86 | | |
| 5 | QPSK | 1 | 24 | 21.92 | 21.95 | 21.94 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 22.06 | 21.87 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.85 | 22.00 | | |
| 5 | QPSK | 12 | 13 | 21.97 | 22.00 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.99 | 22.01 | 21.98 | | |
| 5 | 16QAM | 1 | 0 | 21.79 | 21.87 | 21.91 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.03 | 22.09 | 21.92 | | |
| 5 | 16QAM | 1 | 24 | 21.97 | 21.87 | 22.08 | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.97 | 21.92 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.88 | 21.94 | 22.01 | | |
| 5 | 16QAM | 12 | 13 | 21.79 | 21.92 | 22.05 | | |
| 5 | 16QAM | 25 | 0 | 21.86 | 21.88 | 21.87 | | |
| 5 | 64QAM | 1 | 0 | 21.86 | 22.00 | 21.88 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.06 | 22.09 | | |
| 5 | 64QAM | 1 | 24 | 21.92 | 21.97 | 22.13 | | |
| 5 | 64QAM | 12 | 0 | 21.56 | 21.67 | 21.50 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.53 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.62 | 21.55 | | |
| 5 | 64QAM | 25 | 0 | 21.44 | 21.53 | 21.42 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.90 | 22.12 | 22.04 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 21.91 | 21.95 | 21.81 | | |
| 3 | QPSK | 1 | 14 | 21.87 | 22.02 | 21.94 | | |
| 3 | QPSK | 8 | 0 | 21.90 | 22.05 | 21.92 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 21.94 | 21.90 | 21.89 | | |
| 3 | QPSK | 8 | 7 | 22.01 | 22.01 | 21.90 | | |
| 3 | QPSK | 15 | 0 | 21.94 | 21.99 | 22.00 | | |
| 3 | 16QAM | 1 | 0 | 21.72 | 21.90 | 22.01 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 21.99 | 22.04 | 21.98 | | |
| 3 | 16QAM | 1 | 14 | 22.02 | 21.83 | 22.00 | | |
| 3 | 16QAM | 8 | 0 | 21.81 | 21.91 | 21.91 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 21.86 | 21.94 | 22.05 | | |
| 3 | 16QAM | 8 | 7 | 21.84 | 21.95 | 22.02 | | |
| 3 | 16QAM | 15 | 0 | 21.78 | 21.85 | 21.84 | | |
| 3 | 64QAM | 1 | 0 | 21.83 | 21.95 | 21.84 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 22.08 | 22.08 | 22.04 | | |
| 3 | 64QAM | 1 | 14 | 21.95 | 21.92 | 22.11 | | |
| 3 | 64QAM | 8 | 0 | 21.62 | 21.67 | 21.60 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.48 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.65 | 21.63 | 21.53 | | |
| 3 | 64QAM | 15 | 0 | 21.43 | 21.50 | 21.52 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.91 | 22.16 | 22.07 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.89 | 21.89 | 21.85 | | |
| 1.4 | QPSK | 1 | 5 | 21.86 | 21.93 | 21.92 | | |
| 1.4 | QPSK | 3 | 0 | 21.83 | 22.11 | 21.93 | | |
| 1.4 | QPSK | 3 | 1 | 21.94 | 21.92 | 21.95 | | |
| 1.4 | QPSK | 3 | 3 | 22.01 | 21.96 | 22.00 | | |
| 1.4 | QPSK | 6 | 0 | 22.01 | 22.08 | 22.02 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.78 | 21.89 | 21.93 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.08 | 22.03 | 21.99 | | |
| 1.4 | 16QAM | 1 | 5 | 21.94 | 21.86 | 22.04 | | |
| 1.4 | 16QAM | 3 | 0 | 21.80 | 21.93 | 21.96 | | |
| 1.4 | 16QAM | 3 | 1 | 21.89 | 22.03 | 21.96 | | |
| 1.4 | 16QAM | 3 | 3 | 21.88 | 21.97 | 22.03 | | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.87 | 21.91 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.82 | 21.94 | 21.93 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 22.00 | 22.05 | 22.08 | | |
| 1.4 | 64QAM | 1 | 5 | 21.88 | 21.92 | 22.09 | | |
| 1.4 | 64QAM | 3 | 0 | 22.06 | 22.03 | 21.99 | | |
| 1.4 | 64QAM | 3 | 1 | 22.05 | 21.92 | 22.01 | | |
| 1.4 | 64QAM | 3 | 3 | 21.81 | 21.93 | 22.01 | | |
| 1.4 | 64QAM | 6 | 0 | 21.39 | 21.55 | 21.44 | 22.5 | 0.5 |

## Band 13 Ant 0 DSI11

| BW [MHz] | 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 | | 20.85 | | 22 | 0 |
| 10 | QPSK | 1 | 25 | | 20.69 | | | |
| 10 | QPSK | 1 | 49 | | 20.64 | | | |
| 10 | QPSK | 25 | 0 | | 20.79 | | 22 | 0 |
| 10 | QPSK | 25 | 12 | | 20.58 | | | |
| 10 | QPSK | 25 | 25 | | 20.69 | | | |
| 10 | QPSK | 50 | 0 | | 20.74 | | | |
| 10 | 16QAM | 1 | 0 | | 20.57 | | 22 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.76 | | | |
| 10 | 16QAM | 1 | 49 | | 20.60 | | | |
| 10 | 16QAM | 25 | 0 | | 20.55 | | 22 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.69 | | | |
| 10 | 16QAM | 25 | 25 | | 20.60 | | | |
| 10 | 16QAM | 50 | 0 | | 20.49 | | | |
| 10 | 64QAM | 1 | 0 | | 20.74 | | 22 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.78 | | | |
| 10 | 64QAM | 1 | 49 | | 20.65 | | | |
| 10 | 64QAM | 25 | 0 | | 20.41 | | 21.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | | 20.36 | | | |
| 10 | 64QAM | 25 | 25 | | 20.41 | | | |
| 10 | 64QAM | 50 | 0 | | 20.42 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.70 | 20.79 | 20.72 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.60 | 20.62 | 20.60 | | |
| 5 | QPSK | 1 | 24 | 20.55 | 20.53 | 20.57 | | |
| 5 | QPSK | 12 | 0 | 20.70 | 20.72 | 20.76 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.45 | 20.44 | 20.51 | | |
| 5 | QPSK | 12 | 13 | 20.56 | 20.63 | 20.54 | | |
| 5 | QPSK | 25 | 0 | 20.62 | 20.59 | 20.69 | | |
| 5 | 16QAM | 1 | 0 | 20.46 | 20.50 | 20.46 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.65 | 20.73 | 20.65 | | |
| 5 | 16QAM | 1 | 24 | 20.54 | 20.48 | 20.49 | | |
| 5 | 16QAM | 12 | 0 | 20.47 | 20.48 | 20.41 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.61 | 20.58 | | |
| 5 | 16QAM | 12 | 13 | 20.52 | 20.55 | 20.47 | | |
| 5 | 16QAM | 25 | 0 | 20.43 | 20.51 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.61 | 20.68 | 20.61 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.63 | 20.68 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.56 | 20.62 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.31 | 20.20 | 21.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 20.20 | 20.29 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.19 | 20.38 | 20.27 | | |
| 5 | 64QAM | 25 | 0 | 20.21 | 20.28 | 20.23 | | |

## Band 17 Ant 0 DSI11

| BW [MHz] | 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 | 21.90 | 22.16 | 22.10 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.81 | 21.94 | 21.99 | | |
| 10 | QPSK | 1 | 49 | 21.95 | 22.01 | 21.91 | | |
| 10 | QPSK | 25 | 0 | 21.94 | 22.12 | 22.06 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.99 | 21.80 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.91 | 22.03 | 22.10 | | |
| 10 | QPSK | 50 | 0 | 22.02 | 22.07 | 22.00 | | |
| 10 | 16QAM | 1 | 0 | 21.73 | 21.85 | 21.83 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.00 | 22.08 | 22.05 | | |
| 10 | 16QAM | 1 | 49 | 21.94 | 21.91 | 21.93 | | |
| 10 | 16QAM | 25 | 0 | 21.83 | 21.91 | 21.88 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.92 | 22.03 | 22.00 | | |
| 10 | 16QAM | 25 | 25 | 21.81 | 21.89 | 21.94 | | |
| 10 | 16QAM | 50 | 0 | 21.85 | 21.86 | 21.80 | | |
| 10 | 64QAM | 1 | 0 | 21.87 | 22.00 | 22.06 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 22.02 | 21.98 | 22.09 | | |
| 10 | 64QAM | 1 | 49 | 21.92 | 21.92 | 21.83 | | |
| 10 | 64QAM | 25 | 0 | 21.64 | 21.69 | 21.61 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.57 | 21.65 | 21.57 | | |
| 10 | 64QAM | 25 | 25 | 21.54 | 21.65 | 21.57 | | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.63 | 21.51 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.86 | 22.11 | 22.10 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.72 | 21.87 | 21.86 | | |
| 5 | QPSK | 1 | 24 | 21.88 | 21.95 | 21.94 | | |
| 5 | QPSK | 12 | 0 | 21.88 | 22.03 | 22.01 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.85 | 21.70 | 21.70 | | |
| 5 | QPSK | 12 | 13 | 21.87 | 21.91 | 22.04 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.98 | 21.94 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.80 | 21.68 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.92 | 21.93 | 22.01 | | |
| 5 | 16QAM | 1 | 24 | 21.87 | 21.77 | 21.82 | | |
| 5 | 16QAM | 12 | 0 | 21.70 | 21.82 | 21.83 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.84 | 21.94 | 21.88 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.74 | 21.91 | | |
| 5 | 16QAM | 25 | 0 | 21.78 | 21.79 | 21.73 | | |
| 5 | 64QAM | 1 | 0 | 21.78 | 21.92 | 21.99 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.92 | 21.91 | 22.03 | | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.79 | 21.76 | | |
| 5 | 64QAM | 12 | 0 | 21.60 | 21.60 | 21.54 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.50 | 21.50 | | |
| 5 | 64QAM | 12 | 13 | 21.46 | 21.59 | 21.51 | | |
| 5 | 64QAM | 25 | 0 | 21.45 | 21.55 | 21.38 | | |

## Band 26 Ant 0 DSI11

| BW [MHz] | 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 | 21.80 | 22.12 | 22.10 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 21.76 | 21.85 | 21.92 | | |
| 15 | QPSK | 1 | 74 | 21.91 | 21.91 | 21.91 | | |
| 15 | QPSK | 36 | 0 | 21.82 | 22.03 | 22.01 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.87 | 21.66 | 21.76 | | |
| 15 | QPSK | 36 | 39 | 21.80 | 21.96 | 22.02 | | |
| 15 | QPSK | 75 | 0 | 21.96 | 21.99 | 21.95 | | |
| 15 | 16QAM | 1 | 0 | 21.66 | 21.74 | 21.79 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 21.87 | 21.95 | 21.95 | | |
| 15 | 16QAM | 1 | 74 | 21.81 | 21.77 | 21.88 | | |
| 15 | 16QAM | 36 | 0 | 21.78 | 21.77 | 21.76 | 23 | 0 |
| 15 | 16QAM | 36 | 20 | 21.83 | 21.99 | 21.91 | | |
| 15 | 16QAM | 36 | 39 | 21.68 | 21.79 | 21.91 | | |
| 15 | 16QAM | 75 | 0 | 21.74 | 21.71 | 21.76 | | |
| 15 | 64QAM | 1 | 0 | 21.82 | 21.91 | 21.92 | 23 | 0 |
| 15 | 64QAM | 1 | 37 | 21.89 | 21.89 | 22.03 | | |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.88 | 21.74 | | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.69 | 21.56 | 22.5 | 0.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 21.70 | 21.61 | | |
| 15 | 64QAM | 36 | 39 | 21.48 | 21.57 | 21.51 | | |
| 15 | 64QAM | 75 | 0 | 21.56 | 21.63 | 21.55 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.76 | 22.07 | 22.03 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.61 | 21.79 | 21.86 | | |
| 10 | QPSK | 1 | 49 | 21.83 | 21.77 | 21.81 | | |
| 10 | QPSK | 25 | 0 | 21.68 | 21.94 | 21.91 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.81 | 21.56 | 21.72 | | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.82 | 21.96 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 21.84 | 21.89 | | |
| 10 | 16QAM | 1 | 0 | 21.59 | 21.68 | 21.73 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.80 | 21.88 | 21.90 | | |
| 10 | 16QAM | 1 | 49 | 21.71 | 21.69 | 21.74 | | |
| 10 | 16QAM | 25 | 0 | 21.72 | 21.64 | 21.70 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.69 | 21.91 | 21.85 | | |
| 10 | 16QAM | 25 | 25 | 21.63 | 21.74 | 21.85 | | |
| 10 | 16QAM | 50 | 0 | 21.61 | 21.60 | 21.62 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.87 | 21.85 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.82 | 21.99 | | |
| 10 | 64QAM | 1 | 49 | 21.78 | 21.84 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.59 | 21.57 | 21.49 | 22.5 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.50 | 21.60 | 21.50 | | |
| 10 | 64QAM | 25 | 25 | 21.42 | 21.43 | 21.39 | | |
| 10 | 64QAM | 50 | 0 | 21.45 | 21.53 | 21.41 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.74 | 21.95 | 22.08 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.67 | 21.81 | 21.88 | | |
| 5 | QPSK | 1 | 24 | 21.77 | 21.81 | 21.81 | | |
| 5 | QPSK | 12 | 0 | 21.70 | 21.90 | 21.90 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.75 | 21.61 | 21.65 | | |
| 5 | QPSK | 12 | 13 | 21.72 | 21.86 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.93 | 21.89 | 21.89 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.60 | 21.69 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.80 | 21.88 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.73 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 21.65 | 21.65 | 21.71 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.86 | 21.88 | | |
| 5 | 16QAM | 12 | 13 | 21.60 | 21.71 | 21.85 | | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.67 | | |
| 5 | 64QAM | 1 | 0 | 21.74 | 21.76 | 21.83 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 21.86 | 21.75 | 21.97 | | |
| 5 | 64QAM | 1 | 24 | 21.72 | 21.82 | 21.70 | | |
| 5 | 64QAM | 12 | 0 | 21.50 | 21.61 | 21.45 | 22.5 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.50 | 21.62 | 21.54 | | |
| 5 | 64QAM | 12 | 13 | 21.34 | 21.53 | 21.47 | | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.49 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.74 | 22.06 | 22.03 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 21.71 | 21.77 | 21.81 | | |
| 3 | QPSK | 1 | 14 | 21.77 | 21.85 | 21.85 | | |
| 3 | QPSK | 8 | 0 | 21.72 | 21.99 | 21.88 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 21.81 | 21.57 | 21.62 | | |
| 3 | QPSK | 8 | 7 | 21.71 | 21.83 | 21.94 | | |
| 3 | QPSK | 15 | 0 | 21.89 | 21.94 | 21.86 | | |
| 3 | 16QAM | 1 | 0 | 21.58 | 21.70 | 21.73 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.86 | 21.85 | | |
| 3 | 16QAM | 1 | 14 | 21.72 | 21.71 | 21.74 | | |
| 3 | 16QAM | 8 | 0 | 21.69 | 21.71 | 21.64 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 21.71 | 21.86 | 21.84 | | |
| 3 | 16QAM | 8 | 7 | 21.56 | 21.72 | 21.81 | | |
| 3 | 16QAM | 15 | 0 | 21.67 | 21.65 | 21.63 | | |
| 3 | 64QAM | 1 | 0 | 21.74 | 21.79 | 21.84 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.84 | 21.89 | | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.80 | 21.70 | | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.57 | 21.51 | 22.5 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.52 | 21.58 | 21.55 | | |
| 3 | 64QAM | 8 | 7 | 21.37 | 21.44 | 21.45 | | |
| 3 | 64QAM | 15 | 0 | 21.46 | 21.59 | 21.49 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.76 | 21.96 | 22.03 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.64 | 21.80 | 21.89 | | |
| 1.4 | QPSK | 1 | 5 | 21.77 | 21.83 | 21.79 | | |
| 1.4 | QPSK | 3 | 0 | 21.77 | 21.88 | 21.92 | | |
| 1.4 | QPSK | 3 | 1 | 21.77 | 21.57 | 21.72 | | |
| 1.4 | QPSK | 3 | 3 | 21.70 | 21.88 | 21.93 | | |
| 1.4 | QPSK | 6 | 0 | 21.84 | 21.90 | 21.84 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.55 | 21.69 | 21.70 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.76 | 21.92 | 21.83 | | |
| 1.4 | 16QAM | 1 | 5 | 21.69 | 21.66 | 21.74 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.74 | 21.63 | | |
| 1.4 | 16QAM | 3 | 1 | 21.72 | 21.87 | 21.79 | | |
| 1.4 | 16QAM | 3 | 3 | 21.63 | 21.67 | 21.77 | | |
| 1.4 | 16QAM | 6 | 0 | 21.63 | 21.59 | 21.65 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.69 | 21.80 | 21.86 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.75 | 21.95 | | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.74 | 21.67 | | |
| 1.4 | 64QAM | 3 | 0 | 21.70 | 21.74 | 21.75 | | |
| 1.4 | 64QAM | 3 | 1 | 21.73 | 21.69 | 21.66 | | |
| 1.4 | 64QAM | 3 | 3 | 21.70 | 21.95 | 21.80 | | |
| 1.4 | 64QAM | 6 | 0 | 21.48 | 21.54 | 21.50 | 22.5 | 0.5 |

GSM1900 Ant 1 DSI11

| 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 | 27.29 | 27.14 | 27.25 | 28.50 | 18.29 | 18.14 | 18.25 | 19.50 |
| GPRS 1 Tx slot | 27.21 | 27.09 | 27.18 | 28.50 | 18.21 | 18.09 | 18.18 | 19.50 |
| GPRS 2 Tx slots | 23.70 | 23.79 | 23.75 | 25.50 | 17.70 | 17.79 | 17.75 | 19.50 |
| GPRS 3 Tx slots | 21.78 | 21.74 | 21.79 | 23.70 | 17.52 | 17.48 | 17.53 | 19.44 |
| GPRS 4 Tx slots | 20.61 | 20.63 | 20.54 | 22.50 | 17.61 | 17.63 | 17.54 | 19.50 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant 1 DSI11 / WCDMA IV Ant 1 DSI11

| 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 | 20.78 | 20.82 | 20.74 | 21.60 | 20.67 | 20.69 | 20.56 | 21.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.86 | 20.91 | 20.85 | 21.60 | 20.75 | 20.77 | 20.75 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.97 | 20.23 | 20.26 | 20.80 | 20.04 | 20.05 | 19.95 | 20.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.95 | 20.12 | 20.01 | 20.80 | 19.86 | 19.99 | 19.87 | 20.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.37 | 19.58 | 19.40 | 20.10 | 19.55 | 19.57 | 19.37 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.45 | 19.50 | 19.50 | 20.10 | 19.42 | 19.61 | 19.33 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 19.96 | 20.29 | 20.18 | 20.80 | 19.90 | 20.00 | 19.83 | 20.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.09 | 20.33 | 20.24 | 20.80 | 19.94 | 19.91 | 20.08 | 20.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.43 | 19.60 | 19.57 | 20.10 | 19.28 | 19.49 | 19.36 | 20.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.63 | 19.58 | 19.50 | 20.10 | 19.32 | 19.45 | 19.04 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.18 | 20.28 | 20.05 | 20.80 | 20.17 | 20.01 | 19.96 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.00 | 17.00 | 16.86 | 17.60 | 17.91 | 18.04 | 17.86 | 18.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.04 | 18.02 | 17.88 | 18.60 | 18.90 | 19.02 | 18.88 | 19.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.97 | 17.07 | 16.86 | 17.60 | 18.09 | 18.17 | 18.03 | 18.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.10 | 20.45 | 20.24 | 20.80 | 19.70 | 20.06 | 19.98 | 20.50 |

## Band 2 Ant 1 DSI11

| BW [MHz] | 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 | 20.41 | 20.45 | 20.31 | 21.6 | 0 |
| 20 | QPSK | 1 | 49 | 20.28 | 20.22 | 20.21 | | |
| 20 | QPSK | 1 | 99 | 20.27 | 20.31 | 20.25 | | |
| 20 | QPSK | 50 | 0 | 20.30 | 20.36 | 20.31 | 21.6 | 0 |
| 20 | QPSK | 50 | 24 | 20.20 | 20.23 | 20.21 | | |
| 20 | QPSK | 50 | 50 | 20.24 | 20.29 | 20.29 | | |
| 20 | QPSK | 100 | 0 | 20.30 | 20.32 | 20.26 | | |
| 20 | 16QAM | 1 | 0 | 20.26 | 20.23 | 20.18 | 21.6 | 0 |
| 20 | 16QAM | 1 | 49 | 20.35 | 20.31 | 20.36 | | |
| 20 | 16QAM | 1 | 99 | 20.36 | 20.31 | 20.31 | | |
| 20 | 16QAM | 50 | 0 | 20.30 | 20.24 | 20.20 | 21.6 | 0 |
| 20 | 16QAM | 50 | 24 | 20.20 | 20.18 | 20.25 | | |
| 20 | 16QAM | 50 | 50 | 20.33 | 20.25 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.29 | 20.18 | 20.24 | | |
| 20 | 64QAM | 1 | 0 | 20.32 | 20.21 | 20.27 | 21.6 | 0 |
| 20 | 64QAM | 1 | 49 | 20.22 | 20.29 | 20.32 | | |
| 20 | 64QAM | 1 | 99 | 20.29 | 20.29 | 20.32 | | |
| 20 | 64QAM | 50 | 0 | 20.33 | 20.20 | 20.28 | 21.6 | 0 |
| 20 | 64QAM | 50 | 24 | 20.41 | 20.30 | 20.40 | | |
| 20 | 64QAM | 50 | 50 | 20.29 | 20.31 | 20.32 | | |
| 20 | 64QAM | 100 | 0 | 20.29 | 20.30 | 20.19 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.36 | 20.29 | 20.17 | 21.6 | 0 |
| 15 | QPSK | 1 | 37 | 20.15 | 20.09 | 20.15 | | |
| 15 | QPSK | 1 | 74 | 20.18 | 20.28 | 20.21 | | |
| 15 | QPSK | 36 | 0 | 20.25 | 20.26 | 20.26 | 21.6 | 0 |
| 15 | QPSK | 36 | 20 | 20.09 | 20.10 | 20.11 | | |
| 15 | QPSK | 36 | 39 | 20.11 | 20.22 | 20.26 | | |
| 15 | QPSK | 75 | 0 | 20.25 | 20.19 | 20.20 | | |
| 15 | 16QAM | 1 | 0 | 20.15 | 20.19 | 20.10 | 21.6 | 0 |
| 15 | 16QAM | 1 | 37 | 20.31 | 20.25 | 20.28 | | |
| 15 | 16QAM | 1 | 74 | 20.26 | 20.22 | 20.18 | | |
| 15 | 16QAM | 36 | 0 | 20.20 | 20.17 | 20.07 | 21.6 | 0 |
| 15 | 16QAM | 36 | 20 | 20.15 | 20.11 | 20.18 | | |
| 15 | 16QAM | 36 | 39 | 20.24 | 20.18 | 20.30 | | |
| 15 | 16QAM | 75 | 0 | 20.16 | 20.13 | 20.17 | | |
| 15 | 64QAM | 1 | 0 | 20.18 | 20.15 | 20.17 | 21.6 | 0 |
| 15 | 64QAM | 1 | 37 | 20.40 | 20.14 | 20.28 | | |
| 15 | 64QAM | 1 | 74 | 20.20 | 20.16 | 20.28 | | |
| 15 | 64QAM | 36 | 0 | 20.23 | 20.12 | 20.18 | 21.6 | 0 |
| 15 | 64QAM | 36 | 20 | 20.38 | 20.16 | 20.28 | | |
| 15 | 64QAM | 36 | 39 | 20.15 | 20.26 | 20.22 | | |
| 15 | 64QAM | 75 | 0 | 20.22 | 20.24 | 20.05 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.35 | 20.36 | 20.22 | 21.6 | 0 |
| 10 | QPSK | 1 | 25 | 20.16 | 20.18 | 20.09 | | |
| 10 | QPSK | 1 | 49 | 20.17 | 20.27 | 20.15 | | |
| 10 | QPSK | 25 | 0 | 20.22 | 20.22 | 20.16 | 21.6 | 0 |
| 10 | QPSK | 25 | 12 | 20.08 | 20.20 | 20.17 | | |
| 10 | QPSK | 25 | 25 | 20.17 | 20.24 | 20.25 | | |
| 10 | QPSK | 50 | 0 | 20.19 | 20.18 | 20.23 | | |
| 10 | 16QAM | 1 | 0 | 20.23 | 20.18 | 20.07 | 21.6 | 0 |
| 10 | 16QAM | 1 | 25 | 20.27 | 20.17 | 20.22 | | |
| 10 | 16QAM | 1 | 49 | 20.30 | 20.21 | 20.23 | | |
| 10 | 16QAM | 25 | 0 | 20.19 | 20.12 | 20.09 | 21.6 | 0 |
| 10 | 16QAM | 25 | 12 | 20.12 | 20.07 | 20.20 | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.11 | 20.26 | | |
| 10 | 16QAM | 50 | 0 | 20.23 | 20.08 | 20.12 | | |
| 10 | 64QAM | 1 | 0 | 20.26 | 20.13 | 20.17 | 21.6 | 0 |
| 10 | 64QAM | 1 | 25 | 20.40 | 20.20 | 20.23 | | |
| 10 | 64QAM | 1 | 49 | 20.16 | 20.16 | 20.25 | | |
| 10 | 64QAM | 25 | 0 | 20.28 | 20.08 | 20.18 | 21.6 | 0 |
| 10 | 64QAM | 25 | 12 | 20.26 | 20.25 | 20.37 | | |
| 10 | 64QAM | 25 | 25 | 20.25 | 20.26 | 20.18 | | |
| 10 | 64QAM | 50 | 0 | 20.26 | 20.26 | 20.05 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.28 | 20.32 | 20.24 | 21.6 | 0 |
| 5 | QPSK | 1 | 12 | 20.24 | 20.10 | 20.17 | | |
| 5 | QPSK | 1 | 24 | 20.16 | 20.17 | 20.19 | | |
| 5 | QPSK | 12 | 0 | 20.21 | 20.25 | 20.26 | 21.6 | 0 |
| 5 | QPSK | 12 | 7 | 20.06 | 20.17 | 20.16 | | |
| 5 | QPSK | 12 | 13 | 20.14 | 20.14 | 20.25 | | |
| 5 | QPSK | 25 | 0 | 20.26 | 20.28 | 20.20 | | |
| 5 | 16QAM | 1 | 0 | 20.14 | 20.18 | 20.11 | 21.6 | 0 |
| 5 | 16QAM | 1 | 12 | 20.31 | 20.21 | 20.27 | | |
| 5 | 16QAM | 1 | 24 | 20.22 | 20.18 | 20.23 | | |
| 5 | 16QAM | 12 | 0 | 20.18 | 20.12 | 20.15 | 21.6 | 0 |
| 5 | 16QAM | 12 | 7 | 20.13 | 20.10 | 20.16 | | |
| 5 | 16QAM | 12 | 13 | 20.19 | 20.15 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.21 | 20.04 | 20.13 | | |
| 5 | 64QAM | 1 | 0 | 20.23 | 20.17 | 20.19 | 21.6 | 0 |
| 5 | 64QAM | 1 | 12 | 20.35 | 20.16 | 20.25 | | |
| 5 | 64QAM | 1 | 24 | 20.25 | 20.21 | 20.19 | | |
| 5 | 64QAM | 12 | 0 | 20.25 | 20.10 | 20.14 | 21.6 | 0 |
| 5 | 64QAM | 12 | 7 | 20.28 | 20.19 | 20.29 | | |
| 5 | 64QAM | 12 | 13 | 20.24 | 20.17 | 20.21 | | |
| 5 | 64QAM | 25 | 0 | 20.20 | 20.22 | 20.16 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.29 | 20.27 | 20.23 | 21.6 | 0 |
| 3 | QPSK | 1 | 8 | 20.21 | 20.17 | 20.17 | | |
| 3 | QPSK | 1 | 14 | 20.20 | 20.23 | 20.20 | | |
| 3 | QPSK | 8 | 0 | 20.22 | 20.24 | 20.18 | 21.6 | 0 |
| 3 | QPSK | 8 | 4 | 20.06 | 20.15 | 20.18 | | |
| 3 | QPSK | 8 | 7 | 20.12 | 20.17 | 20.25 | | |
| 3 | QPSK | 15 | 0 | 20.21 | 20.29 | 20.15 | | |
| 3 | 16QAM | 1 | 0 | 20.17 | 20.13 | 20.13 | 21.6 | 0 |
| 3 | 16QAM | 1 | 8 | 20.32 | 20.25 | 20.29 | | |
| 3 | 16QAM | 1 | 14 | 20.26 | 20.22 | 20.17 | | |
| 3 | 16QAM | 8 | 0 | 20.17 | 20.16 | 20.11 | 21.6 | 0 |
| 3 | 16QAM | 8 | 4 | 20.09 | 20.03 | 20.11 | | |
| 3 | 16QAM | 8 | 7 | 20.22 | 20.13 | 20.27 | | |
| 3 | 16QAM | 15 | 0 | 20.16 | 20.04 | 20.16 | | |
| 3 | 64QAM | 1 | 0 | 20.20 | 20.17 | 20.18 | 21.6 | 0 |
| 3 | 64QAM | 1 | 8 | 20.37 | 20.17 | 20.24 | | |
| 3 | 64QAM | 1 | 14 | 20.22 | 20.14 | 20.24 | | |
| 3 | 64QAM | 8 | 0 | 20.19 | 20.07 | 20.17 | 21.6 | 0 |
| 3 | 64QAM | 8 | 4 | 20.32 | 20.25 | 20.36 | | |
| 3 | 64QAM | 8 | 7 | 20.23 | 20.18 | 20.24 | | |
| 3 | 64QAM | 15 | 0 | 20.20 | 20.18 | 20.11 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.30 | 20.33 | 20.17 | 21.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.18 | 20.18 | 20.11 | | |
| 1.4 | QPSK | 1 | 5 | 20.22 | 20.21 | 20.17 | | |
| 1.4 | QPSK | 3 | 0 | 20.23 | 20.24 | 20.18 | | |
| 1.4 | QPSK | 3 | 1 | 20.13 | 20.12 | 20.11 | | |
| 1.4 | QPSK | 3 | 3 | 20.13 | 20.14 | 20.16 | | |
| 1.4 | QPSK | 6 | 0 | 20.23 | 20.25 | 20.18 | 21.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.12 | 20.20 | 20.13 | 21.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.21 | 20.19 | 20.23 | | |
| 1.4 | 16QAM | 1 | 5 | 20.23 | 20.18 | 20.24 | | |
| 1.4 | 16QAM | 3 | 0 | 20.25 | 20.17 | 20.07 | | |
| 1.4 | 16QAM | 3 | 1 | 20.15 | 20.15 | 20.14 | | |
| 1.4 | 16QAM | 3 | 3 | 20.23 | 20.21 | 20.35 | | |
| 1.4 | 16QAM | 6 | 0 | 20.17 | 20.09 | 20.19 | 21.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.20 | 20.15 | 20.14 | 21.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.36 | 20.26 | 20.21 | | |
| 1.4 | 64QAM | 1 | 5 | 20.21 | 20.17 | 20.26 | | |
| 1.4 | 64QAM | 3 | 0 | 20.27 | 20.13 | 20.15 | | |
| 1.4 | 64QAM | 3 | 1 | 20.32 | 20.18 | 20.25 | | |
| 1.4 | 64QAM | 3 | 3 | 20.14 | 20.23 | 20.25 | | |
| 1.4 | 64QAM | 6 | 0 | 20.18 | 20.21 | 20.07 | 21.6 | 0 |

## Band 4 Ant 1 DSI11

| BW [MHz] | 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 | 20.22 | 20.32 | 20.11 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.09 | 19.98 | 20.04 | | |
| 20 | QPSK | 1 | 99 | 20.08 | 20.08 | 20.12 | | |
| 20 | QPSK | 50 | 0 | 20.13 | 20.18 | 20.13 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.01 | 20.05 | 19.98 | | |
| 20 | QPSK | 50 | 50 | 20.02 | 20.15 | 20.05 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.13 | 20.10 | | |
| 20 | 16QAM | 1 | 0 | 20.12 | 20.01 | 20.04 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.17 | 20.07 | 20.13 | | |
| 20 | 16QAM | 1 | 99 | 20.13 | 20.06 | 20.07 | | |
| 20 | 16QAM | 50 | 0 | 20.15 | 20.01 | 20.02 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.99 | 20.03 | 20.06 | | |
| 20 | 16QAM | 50 | 50 | 20.08 | 20.03 | 20.13 | | |
| 20 | 16QAM | 100 | 0 | 20.13 | 19.98 | 20.07 | | |
| 20 | 64QAM | 1 | 0 | 20.08 | 19.97 | 20.13 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.06 | 20.15 | 20.07 | | |
| 20 | 64QAM | 1 | 99 | 20.08 | 20.12 | 20.16 | | |
| 20 | 64QAM | 50 | 0 | 20.09 | 20.03 | 20.15 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.16 | 20.17 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.13 | 20.12 | 20.16 | | |
| 20 | 64QAM | 100 | 0 | 20.11 | 20.08 | 19.99 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 20.08 | 20.28 | 19.96 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.05 | 19.90 | 20.01 | | |
| 15 | QPSK | 1 | 74 | 19.97 | 20.00 | 20.04 | | |
| 15 | QPSK | 36 | 0 | 20.03 | 20.06 | 20.00 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.91 | 19.93 | 19.90 | | |
| 15 | QPSK | 36 | 39 | 19.87 | 20.10 | 19.93 | | |
| 15 | QPSK | 75 | 0 | 19.98 | 20.04 | 20.05 | | |
| 15 | 16QAM | 1 | 0 | 19.98 | 19.94 | 19.99 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.09 | 19.99 | 20.09 | | |
| 15 | 16QAM | 1 | 74 | 20.02 | 19.91 | 19.93 | | |
| 15 | 16QAM | 36 | 0 | 20.04 | 19.89 | 19.97 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.85 | 19.97 | 19.92 | | |
| 15 | 16QAM | 36 | 39 | 20.01 | 19.97 | 20.05 | | |
| 15 | 16QAM | 75 | 0 | 20.02 | 19.94 | 20.02 | | |
| 15 | 64QAM | 1 | 0 | 20.04 | 19.91 | 19.99 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.02 | 20.05 | 20.03 | | |
| 15 | 64QAM | 1 | 74 | 19.93 | 20.04 | 20.13 | | |
| 15 | 64QAM | 36 | 0 | 19.96 | 19.99 | 20.03 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.11 | 20.04 | 20.22 | | |
| 15 | 64QAM | 36 | 39 | 20.10 | 19.98 | 20.04 | | |
| 15 | 64QAM | 75 | 0 | 20.05 | 20.04 | 19.95 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 20.12 | 20.24 | 20.02 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.03 | 19.87 | 19.98 | | |
| 10 | QPSK | 1 | 49 | 19.99 | 19.96 | 20.06 | | |
| 10 | QPSK | 25 | 0 | 20.00 | 20.09 | 20.02 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.89 | 19.91 | 19.94 | | |
| 10 | QPSK | 25 | 25 | 19.90 | 20.11 | 19.94 | | |
| 10 | QPSK | 50 | 0 | 19.92 | 20.02 | 19.98 | | |
| 10 | 16QAM | 1 | 0 | 20.07 | 19.89 | 19.98 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.10 | 19.96 | 20.03 | | |
| 10 | 16QAM | 1 | 49 | 20.04 | 19.97 | 20.03 | | |
| 10 | 16QAM | 25 | 0 | 20.04 | 19.90 | 19.95 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.95 | 19.91 | 19.98 | | |
| 10 | 16QAM | 25 | 25 | 20.01 | 19.97 | 20.06 | | |
| 10 | 16QAM | 50 | 0 | 20.10 | 19.87 | 19.98 | | |
| 10 | 64QAM | 1 | 0 | 20.04 | 19.87 | 20.00 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.97 | 20.03 | 19.99 | | |
| 10 | 64QAM | 1 | 49 | 19.93 | 20.03 | 20.09 | | |
| 10 | 64QAM | 25 | 0 | 19.95 | 19.92 | 20.00 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.05 | 20.04 | 20.21 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 19.98 | 20.05 | | |
| 10 | 64QAM | 50 | 0 | 20.07 | 19.95 | 19.85 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 20.13 | 20.19 | 20.02 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.00 | 19.90 | 20.00 | | |
| 5 | QPSK | 1 | 24 | 20.04 | 20.03 | 20.08 | | |
| 5 | QPSK | 12 | 0 | 20.05 | 20.10 | 20.07 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.94 | 19.97 | 19.93 | | |
| 5 | QPSK | 12 | 13 | 19.96 | 20.10 | 19.92 | | |
| 5 | QPSK | 25 | 0 | 20.02 | 20.03 | 19.98 | | |
| 5 | 16QAM | 1 | 0 | 20.05 | 19.93 | 19.97 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.04 | 20.03 | 20.05 | | |
| 5 | 16QAM | 1 | 24 | 20.05 | 19.96 | 19.94 | | |
| 5 | 16QAM | 12 | 0 | 20.06 | 19.92 | 19.93 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.91 | 19.92 | 19.96 | | |
| 5 | 16QAM | 12 | 13 | 20.04 | 19.97 | 20.05 | | |
| 5 | 16QAM | 25 | 0 | 20.01 | 19.87 | 19.98 | | |
| 5 | 64QAM | 1 | 0 | 19.94 | 19.92 | 20.09 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.09 | 20.01 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 20.06 | 20.12 | | |
| 5 | 64QAM | 12 | 0 | 20.01 | 19.93 | 20.12 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 20.11 | 20.08 | 20.15 | | |
| 5 | 64QAM | 12 | 13 | 20.03 | 20.07 | 20.13 | | |
| 5 | 64QAM | 25 | 0 | 20.04 | 19.95 | 19.84 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 20.12 | 20.21 | 20.01 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 20.00 | 19.92 | 19.90 | | |
| 3 | QPSK | 1 | 14 | 19.98 | 19.97 | 20.03 | | |
| 3 | QPSK | 8 | 0 | 20.01 | 20.15 | 20.02 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 19.94 | 19.99 | 19.91 | | |
| 3 | QPSK | 8 | 7 | 19.89 | 20.09 | 19.92 | | |
| 3 | QPSK | 15 | 0 | 19.95 | 20.04 | 19.98 | | |
| 3 | 16QAM | 1 | 0 | 19.99 | 19.92 | 19.97 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 20.06 | 20.03 | 20.03 | | |
| 3 | 16QAM | 1 | 14 | 20.05 | 19.95 | 20.01 | | |
| 3 | 16QAM | 8 | 0 | 20.01 | 19.97 | 19.88 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 19.86 | 20.00 | 20.03 | | |
| 3 | 16QAM | 8 | 7 | 19.95 | 19.92 | 20.10 | | |
| 3 | 16QAM | 15 | 0 | 20.03 | 19.95 | 20.02 | | |
| 3 | 64QAM | 1 | 0 | 19.95 | 19.91 | 20.09 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 19.94 | 20.09 | 20.02 | | |
| 3 | 64QAM | 1 | 14 | 20.04 | 20.04 | 20.02 | | |
| 3 | 64QAM | 8 | 0 | 19.99 | 19.90 | 20.02 | 21.5 | 0 |
| 3 | 64QAM | 8 | 4 | 20.07 | 20.10 | 20.14 | | |
| 3 | 64QAM | 8 | 7 | 20.07 | 20.02 | 20.11 | | |
| 3 | 64QAM | 15 | 0 | 20.05 | 20.03 | 19.89 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.12 | 20.27 | 20.02 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.96 | 19.85 | 19.90 | | |
| 1.4 | QPSK | 1 | 5 | 19.97 | 20.04 | 20.07 | | |
| 1.4 | QPSK | 3 | 0 | 20.00 | 20.12 | 19.99 | | |
| 1.4 | QPSK | 3 | 1 | 19.96 | 19.93 | 19.89 | | |
| 1.4 | QPSK | 3 | 3 | 19.91 | 20.01 | 19.91 | | |
| 1.4 | QPSK | 6 | 0 | 19.96 | 20.06 | 20.02 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.02 | 19.92 | 19.99 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.12 | 19.99 | 20.07 | | |
| 1.4 | 16QAM | 1 | 5 | 20.04 | 19.94 | 19.94 | | |
| 1.4 | 16QAM | 3 | 0 | 20.00 | 19.98 | 19.87 | | |
| 1.4 | 16QAM | 3 | 1 | 19.93 | 19.98 | 19.97 | | |
| 1.4 | 16QAM | 3 | 3 | 19.98 | 19.88 | 19.98 | | |
| 1.4 | 16QAM | 6 | 0 | 20.05 | 19.91 | 19.99 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.04 | 19.85 | 20.07 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.95 | 20.05 | 19.99 | | |
| 1.4 | 64QAM | 1 | 5 | 20.03 | 20.01 | 20.04 | | |
| 1.4 | 64QAM | 3 | 0 | 20.01 | 19.93 | 20.04 | | |
| 1.4 | 64QAM | 3 | 1 | 20.05 | 20.09 | 20.12 | | |
| 1.4 | 64QAM | 3 | 3 | 20.06 | 19.98 | 20.10 | | |
| 1.4 | 64QAM | 6 | 0 | 20.05 | 19.95 | 19.95 | 21.5 | 0 |

## Band 7 Ant 1 DSI11

| BW [MHz] | 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 | 19.04 | 19.18 | 19.10 | 20.4 | 0 |
| 20 | QPSK | 1 | 49 | 18.91 | 19.07 | 19.14 | | |
| 20 | QPSK | 1 | 99 | 18.94 | 18.92 | 19.05 | | |
| 20 | QPSK | 50 | 0 | 18.89 | 19.05 | 18.99 | 20.4 | 0 |
| 20 | QPSK | 50 | 24 | 18.86 | 18.85 | 18.83 | | |
| 20 | QPSK | 50 | 50 | 18.78 | 18.99 | 18.89 | | |
| 20 | QPSK | 100 | 0 | 18.84 | 18.97 | 18.88 | | |
| 20 | 16QAM | 1 | 0 | 18.91 | 18.88 | 18.88 | 20.4 | 0 |
| 20 | 16QAM | 1 | 49 | 19.01 | 18.83 | 18.97 | | |
| 20 | 16QAM | 1 | 99 | 18.92 | 18.93 | 18.89 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 18.80 | 18.83 | 20.4 | 0 |
| 20 | 16QAM | 50 | 24 | 18.77 | 18.88 | 18.86 | | |
| 20 | 16QAM | 50 | 50 | 18.93 | 18.83 | 18.92 | | |
| 20 | 16QAM | 100 | 0 | 18.98 | 18.80 | 18.86 | | |
| 20 | 64QAM | 1 | 0 | 18.88 | 18.76 | 18.93 | 20.4 | 0 |
| 20 | 64QAM | 1 | 49 | 18.91 | 19.01 | 18.86 | | |
| 20 | 64QAM | 1 | 99 | 18.89 | 18.87 | 19.02 | | |
| 20 | 64QAM | 50 | 0 | 18.94 | 18.84 | 18.95 | 20.4 | 0 |
| 20 | 64QAM | 50 | 24 | 18.98 | 18.97 | 19.01 | | |
| 20 | 64QAM | 50 | 50 | 18.92 | 18.95 | 18.99 | | |
| 20 | 64QAM | 100 | 0 | 18.95 | 18.90 | 18.75 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.91 | 19.04 | 19.05 | 20.4 | 0 |
| 15 | QPSK | 1 | 37 | 18.80 | 18.93 | 19.06 | | |
| 15 | QPSK | 1 | 74 | 18.87 | 18.83 | 18.95 | | |
| 15 | QPSK | 36 | 0 | 18.74 | 19.00 | 18.87 | 20.4 | 0 |
| 15 | QPSK | 36 | 20 | 18.72 | 18.78 | 18.69 | | |
| 15 | QPSK | 36 | 39 | 18.73 | 18.92 | 18.76 | | |
| 15 | QPSK | 75 | 0 | 18.78 | 18.93 | 18.83 | | |
| 15 | 16QAM | 1 | 0 | 18.82 | 18.75 | 18.78 | 20.4 | 0 |
| 15 | 16QAM | 1 | 37 | 18.88 | 18.72 | 18.87 | | |
| 15 | 16QAM | 1 | 74 | 18.81 | 18.83 | 18.80 | | |
| 15 | 16QAM | 36 | 0 | 18.96 | 18.69 | 18.69 | 20.4 | 0 |
| 15 | 16QAM | 36 | 20 | 18.66 | 18.80 | 18.76 | | |
| 15 | 16QAM | 36 | 39 | 18.82 | 18.68 | 18.78 | | |
| 15 | 16QAM | 75 | 0 | 18.93 | 18.68 | 18.76 | | |
| 15 | 64QAM | 1 | 0 | 18.84 | 18.66 | 18.86 | 20.4 | 0 |
| 15 | 64QAM | 1 | 37 | 18.84 | 18.89 | 18.81 | | |
| 15 | 64QAM | 1 | 74 | 18.77 | 18.82 | 18.99 | | |
| 15 | 64QAM | 36 | 0 | 18.86 | 18.73 | 18.84 | 20.4 | 0 |
| 15 | 64QAM | 36 | 20 | 18.85 | 18.87 | 18.92 | | |
| 15 | 64QAM | 36 | 39 | 18.86 | 18.80 | 18.85 | | |
| 15 | 64QAM | 75 | 0 | 18.86 | 18.76 | 18.65 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.98 | 19.08 | 19.07 | 20.4 | 0 |
| 10 | QPSK | 1 | 25 | 18.83 | 18.96 | 19.10 | | |
| 10 | QPSK | 1 | 49 | 18.86 | 18.85 | 18.96 | | |
| 10 | QPSK | 25 | 0 | 18.75 | 18.93 | 18.89 | 20.4 | 0 |
| 10 | QPSK | 25 | 12 | 18.72 | 18.73 | 18.72 | | |
| 10 | QPSK | 25 | 25 | 18.64 | 18.93 | 18.82 | | |
| 10 | QPSK | 50 | 0 | 18.72 | 18.87 | 18.85 | | |
| 10 | 16QAM | 1 | 0 | 18.79 | 18.84 | 18.73 | 20.4 | 0 |
| 10 | 16QAM | 1 | 25 | 18.94 | 18.72 | 18.83 | | |
| 10 | 16QAM | 1 | 49 | 18.87 | 18.88 | 18.80 | | |
| 10 | 16QAM | 25 | 0 | 18.94 | 18.75 | 18.76 | 20.4 | 0 |
| 10 | 16QAM | 25 | 12 | 18.66 | 18.81 | 18.72 | | |
| 10 | 16QAM | 25 | 25 | 18.83 | 18.69 | 18.80 | | |
| 10 | 16QAM | 50 | 0 | 18.89 | 18.67 | 18.78 | | |
| 10 | 64QAM | 1 | 0 | 18.75 | 18.62 | 18.83 | 20.4 | 0 |
| 10 | 64QAM | 1 | 25 | 18.84 | 18.97 | 18.80 | | |
| 10 | 64QAM | 1 | 49 | 18.77 | 18.83 | 18.98 | | |
| 10 | 64QAM | 25 | 0 | 18.87 | 18.70 | 18.86 | 20.4 | 0 |
| 10 | 64QAM | 25 | 12 | 18.91 | 18.91 | 18.98 | | |
| 10 | 64QAM | 25 | 25 | 18.84 | 18.85 | 18.90 | | |
| 10 | 64QAM | 50 | 0 | 18.92 | 18.84 | 18.62 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.97 | 19.14 | 19.04 | 20.4 | 0 |
| 5 | QPSK | 1 | 12 | 18.82 | 19.02 | 19.03 | | |
| 5 | QPSK | 1 | 24 | 18.88 | 18.88 | 18.92 | | |
| 5 | QPSK | 12 | 0 | 18.84 | 18.92 | 18.90 | 20.4 | 0 |
| 5 | QPSK | 12 | 7 | 18.80 | 18.78 | 18.68 | | |
| 5 | QPSK | 12 | 13 | 18.66 | 18.85 | 18.76 | | |
| 5 | QPSK | 25 | 0 | 18.73 | 18.91 | 18.80 | | |
| 5 | 16QAM | 1 | 0 | 18.81 | 18.75 | 18.76 | 20.4 | 0 |
| 5 | 16QAM | 1 | 12 | 18.91 | 18.70 | 18.90 | | |
| 5 | 16QAM | 1 | 24 | 18.84 | 18.79 | 18.84 | | |
| 5 | 16QAM | 12 | 0 | 18.96 | 18.73 | 18.74 | 20.4 | 0 |
| 5 | 16QAM | 12 | 7 | 18.64 | 18.78 | 18.76 | | |
| 5 | 16QAM | 12 | 13 | 18.85 | 18.69 | 18.77 | | |
| 5 | 16QAM | 25 | 0 | 18.93 | 18.71 | 18.79 | | |
| 5 | 64QAM | 1 | 0 | 18.73 | 18.61 | 18.81 | 20.4 | 0 |
| 5 | 64QAM | 1 | 12 | 18.88 | 18.98 | 18.83 | | |
| 5 | 64QAM | 1 | 24 | 18.76 | 18.74 | 18.88 | | |
| 5 | 64QAM | 12 | 0 | 18.87 | 18.78 | 18.84 | 20.4 | 0 |
| 5 | 64QAM | 12 | 7 | 18.90 | 18.84 | 18.95 | | |
| 5 | 64QAM | 12 | 13 | 18.89 | 18.83 | 18.94 | | |
| 5 | 64QAM | 25 | 0 | 18.88 | 18.84 | 18.72 | | |

## Band 25 Ant 1 DSI11

| BW [MHz] | 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 | 20.36 | 20.42 | 20.29 | 21.6 | 0 |
| 20 | QPSK | 1 | 49 | 20.26 | 20.16 | 20.26 | | |
| 20 | QPSK | 1 | 99 | 20.21 | 20.28 | 20.31 | | |
| 20 | QPSK | 50 | 0 | 20.29 | 20.35 | 20.30 | 21.6 | 0 |
| 20 | QPSK | 50 | 24 | 20.24 | 20.16 | 20.22 | | |
| 20 | QPSK | 50 | 50 | 20.29 | 20.19 | 20.23 | | |
| 20 | QPSK | 100 | 0 | 20.23 | 20.31 | 20.25 | | |
| 20 | 16QAM | 1 | 0 | 20.28 | 20.25 | 20.17 | 21.6 | 0 |
| 20 | 16QAM | 1 | 49 | 20.31 | 20.33 | 20.36 | | |
| 20 | 16QAM | 1 | 99 | 20.38 | 20.29 | 20.33 | | |
| 20 | 16QAM | 50 | 0 | 20.25 | 20.31 | 20.25 | 21.6 | 0 |
| 20 | 16QAM | 50 | 24 | 20.19 | 20.17 | 20.27 | | |
| 20 | 16QAM | 50 | 50 | 20.34 | 20.26 | 20.33 | | |
| 20 | 16QAM | 100 | 0 | 20.29 | 20.19 | 20.27 | | |
| 20 | 64QAM | 1 | 0 | 20.22 | 20.23 | 20.20 | 21.6 | 0 |
| 20 | 64QAM | 1 | 49 | 20.37 | 20.29 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.26 | 20.38 | | |
| 20 | 64QAM | 50 | 0 | 20.30 | 20.23 | 20.30 | 21.6 | 0 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.35 | 20.36 | | |
| 20 | 64QAM | 50 | 50 | 20.23 | 20.35 | 20.31 | | |
| 20 | 64QAM | 100 | 0 | 20.26 | 20.24 | 20.24 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 20.22 | 20.28 | 20.28 | 21.6 | 0 |
| 15 | QPSK | 1 | 37 | 20.19 | 20.04 | 20.16 | | |
| 15 | QPSK | 1 | 74 | 20.11 | 20.22 | 20.28 | | |
| 15 | QPSK | 36 | 0 | 20.24 | 20.23 | 20.23 | 21.6 | 0 |
| 15 | QPSK | 36 | 20 | 20.11 | 20.01 | 20.13 | | |
| 15 | QPSK | 36 | 39 | 20.26 | 20.05 | 20.14 | | |
| 15 | QPSK | 75 | 0 | 20.17 | 20.25 | 20.14 | | |
| 15 | 16QAM | 1 | 0 | 20.15 | 20.10 | 20.04 | 21.6 | 0 |
| 15 | 16QAM | 1 | 37 | 20.30 | 20.26 | 20.22 | | |
| 15 | 16QAM | 1 | 74 | 20.31 | 20.20 | 20.29 | | |
| 15 | 16QAM | 36 | 0 | 20.20 | 20.27 | 20.19 | 21.6 | 0 |
| 15 | 16QAM | 36 | 20 | 20.15 | 20.09 | 20.22 | | |
| 15 | 16QAM | 36 | 39 | 20.21 | 20.18 | 20.19 | | |
| 15 | 16QAM | 75 | 0 | 20.26 | 20.15 | 20.14 | | |
| 15 | 64QAM | 1 | 0 | 20.12 | 20.17 | 20.16 | 21.6 | 0 |
| 15 | 64QAM | 1 | 37 | 20.29 | 20.18 | 20.25 | | |
| 15 | 64QAM | 1 | 74 | 20.20 | 20.18 | 20.30 | | |
| 15 | 64QAM | 36 | 0 | 20.25 | 20.10 | 20.17 | 21.6 | 0 |
| 15 | 64QAM | 36 | 20 | 20.28 | 20.25 | 20.32 | | |
| 15 | 64QAM | 36 | 39 | 20.13 | 20.30 | 20.16 | | |
| 15 | 64QAM | 75 | 0 | 20.21 | 20.13 | 20.11 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 20.33 | 20.32 | 20.38 | 21.6 | 0 |
| 10 | QPSK | 1 | 25 | 20.13 | 20.05 | 20.15 | | |
| 10 | QPSK | 1 | 49 | 20.12 | 20.18 | 20.19 | | |
| 10 | QPSK | 25 | 0 | 20.22 | 20.21 | 20.17 | 21.6 | 0 |
| 10 | QPSK | 25 | 12 | 20.13 | 20.06 | 20.14 | | |
| 10 | QPSK | 25 | 25 | 20.18 | 20.11 | 20.14 | | |
| 10 | QPSK | 50 | 0 | 20.15 | 20.21 | 20.12 | | |
| 10 | 16QAM | 1 | 0 | 20.18 | 20.22 | 20.07 | 21.6 | 0 |
| 10 | 16QAM | 1 | 25 | 20.36 | 20.28 | 20.22 | | |
| 10 | 16QAM | 1 | 49 | 20.25 | 20.22 | 20.21 | | |
| 10 | 16QAM | 25 | 0 | 20.22 | 20.25 | 20.14 | 21.6 | 0 |
| 10 | 16QAM | 25 | 12 | 20.05 | 20.04 | 20.20 | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.18 | 20.20 | | |
| 10 | 16QAM | 50 | 0 | 20.22 | 20.16 | 20.16 | | |
| 10 | 64QAM | 1 | 0 | 20.10 | 20.20 | 20.08 | 21.6 | 0 |
| 10 | 64QAM | 1 | 25 | 20.29 | 20.23 | 20.33 | | |
| 10 | 64QAM | 1 | 49 | 20.24 | 20.15 | 20.30 | | |
| 10 | 64QAM | 25 | 0 | 20.19 | 20.16 | 20.17 | 21.6 | 0 |
| 10 | 64QAM | 25 | 12 | 20.32 | 20.29 | 20.24 | | |
| 10 | 64QAM | 25 | 25 | 20.15 | 20.23 | 20.25 | | |
| 10 | 64QAM | 50 | 0 | 20.21 | 20.17 | 20.12 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 20.33 | 20.36 | 20.37 | 21.6 | 0 |
| 5 | QPSK | 1 | 12 | 20.20 | 20.12 | 20.14 | | |
| 5 | QPSK | 1 | 24 | 20.15 | 20.21 | 20.27 | | |
| 5 | QPSK | 12 | 0 | 20.14 | 20.22 | 20.16 | 21.6 | 0 |
| 5 | QPSK | 12 | 7 | 20.20 | 20.03 | 20.13 | | |
| 5 | QPSK | 12 | 13 | 20.24 | 20.12 | 20.09 | | |
| 5 | QPSK | 25 | 0 | 20.15 | 20.22 | 20.14 | | |
| 5 | 16QAM | 1 | 0 | 20.17 | 20.18 | 20.10 | 21.6 | 0 |
| 5 | 16QAM | 1 | 12 | 20.30 | 20.20 | 20.27 | | |
| 5 | 16QAM | 1 | 24 | 20.32 | 20.22 | 20.20 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.22 | 20.13 | 21.6 | 0 |
| 5 | 16QAM | 12 | 7 | 20.10 | 20.05 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.20 | 20.22 | 20.18 | | |
| 5 | 16QAM | 25 | 0 | 20.25 | 20.13 | 20.18 | | |
| 5 | 64QAM | 1 | 0 | 20.16 | 20.10 | 20.09 | 21.6 | 0 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.16 | 20.29 | | |
| 5 | 64QAM | 1 | 24 | 20.24 | 20.15 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 20.19 | 20.10 | 20.18 | 21.6 | 0 |
| 5 | 64QAM | 12 | 7 | 20.27 | 20.28 | 20.27 | | |
| 5 | 64QAM | 12 | 13 | 20.13 | 20.31 | 20.21 | | |
| 5 | 64QAM | 25 | 0 | 20.18 | 20.18 | 20.14 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 20.30 | 20.30 | 20.30 | 21.6 | 0 |
| 3 | QPSK | 1 | 8 | 20.13 | 20.06 | 20.20 | | |
| 3 | QPSK | 1 | 14 | 20.09 | 20.21 | 20.21 | | |
| 3 | QPSK | 8 | 0 | 20.19 | 20.30 | 20.17 | 21.6 | 0 |
| 3 | QPSK | 8 | 4 | 20.18 | 20.06 | 20.17 | | |
| 3 | QPSK | 8 | 7 | 20.20 | 20.05 | 20.17 | | |
| 3 | QPSK | 15 | 0 | 20.16 | 20.25 | 20.19 | | |
| 3 | 16QAM | 1 | 0 | 20.16 | 20.12 | 20.02 | 21.6 | 0 |
| 3 | 16QAM | 1 | 8 | 20.33 | 20.28 | 20.23 | | |
| 3 | 16QAM | 1 | 14 | 20.32 | 20.23 | 20.24 | | |
| 3 | 16QAM | 8 | 0 | 20.13 | 20.27 | 20.20 | 21.6 | 0 |
| 3 | 16QAM | 8 | 4 | 20.06 | 20.12 | 20.23 | | |
| 3 | 16QAM | 8 | 7 | 20.21 | 20.14 | 20.21 | | |
| 3 | 16QAM | 15 | 0 | 20.18 | 20.05 | 20.13 | | |
| 3 | 64QAM | 1 | 0 | 20.12 | 20.19 | 20.17 | 21.6 | 0 |
| 3 | 64QAM | 1 | 8 | 20.22 | 20.20 | 20.25 | | |
| 3 | 64QAM | 1 | 14 | 20.15 | 20.13 | 20.32 | | |
| 3 | 64QAM | 8 | 0 | 20.27 | 20.12 | 20.18 | 21.6 | 0 |
| 3 | 64QAM | 8 | 4 | 20.36 | 20.25 | 20.29 | | |
| 3 | 64QAM | 8 | 7 | 20.08 | 20.27 | 20.18 | | |
| 3 | 64QAM | 15 | 0 | 20.20 | 20.12 | 20.15 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.27 | 20.31 | 20.36 | 21.6 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.14 | 20.09 | 20.17 | | |
| 1.4 | QPSK | 1 | 5 | 20.10 | 20.24 | 20.16 | | |
| 1.4 | QPSK | 3 | 0 | 20.15 | 20.25 | 20.27 | | |
| 1.4 | QPSK | 3 | 1 | 20.13 | 20.11 | 20.15 | | |
| 1.4 | QPSK | 3 | 3 | 20.24 | 20.13 | 20.15 | | |
| 1.4 | QPSK | 6 | 0 | 20.19 | 20.26 | 20.17 | 21.6 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.17 | 20.14 | 20.04 | 21.6 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.35 | 20.21 | 20.29 | | |
| 1.4 | 16QAM | 1 | 5 | 20.24 | 20.18 | 20.23 | | |
| 1.4 | 16QAM | 3 | 0 | 20.10 | 20.17 | 20.14 | | |
| 1.4 | 16QAM | 3 | 1 | 20.13 | 20.03 | 20.17 | | |
| 1.4 | 16QAM | 3 | 3 | 20.26 | 20.21 | 20.30 | | |
| 1.4 | 16QAM | 6 | 0 | 20.15 | 20.06 | 20.19 | 21.6 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.11 | 20.15 | 20.16 | 21.6 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.32 | 20.22 | 20.27 | | |
| 1.4 | 64QAM | 1 | 5 | 20.21 | 20.22 | 20.30 | | |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.13 | 20.23 | | |
| 1.4 | 64QAM | 3 | 1 | 20.36 | 20.29 | 20.28 | | |
| 1.4 | 64QAM | 3 | 3 | 20.09 | 20.29 | 20.25 | | |
| 1.4 | 64QAM | 6 | 0 | 20.21 | 20.16 | 20.19 | 21.6 | 0 |

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| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 20.22 | 20.34 | 20.25 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.14 | 20.02 | 20.17 | | |
| 20 | QPSK | 1 | 99 | 20.09 | 20.19 | 20.19 | | |
| 20 | QPSK | 50 | 0 | 20.15 | 20.27 | 20.23 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.20 | 20.05 | 20.11 | | |
| 20 | QPSK | 50 | 50 | 20.25 | 20.15 | 20.18 | | |
| 20 | QPSK | 100 | 0 | 20.13 | 20.17 | 20.15 | | |
| 20 | 16QAM | 1 | 0 | 20.22 | 20.17 | 20.10 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.26 | 20.29 | 20.31 | | |
| 20 | 16QAM | 1 | 99 | 20.33 | 20.21 | 20.18 | | |
| 20 | 16QAM | 50 | 0 | 20.19 | 20.26 | 20.15 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.14 | 20.08 | 20.17 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.22 | 20.26 | | |
| 20 | 16QAM | 100 | 0 | 20.17 | 20.12 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.13 | 20.13 | 20.10 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.29 | 20.17 | 20.33 | | |
| 20 | 64QAM | 1 | 99 | 20.16 | 20.18 | 20.32 | | |
| 20 | 64QAM | 50 | 0 | 20.17 | 20.12 | 20.18 | 21.5 | 0 |
| 20 | 64QAM | 50 | 24 | 20.09 | 20.28 | 20.28 | | |
| 20 | 64QAM | 50 | 50 | 20.11 | 20.27 | 20.20 | | |
| 20 | 64QAM | 100 | 0 | 20.19 | 20.21 | 20.15 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.17 | 20.29 | 20.16 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.01 | 19.98 | 20.07 | | |
| 15 | QPSK | 1 | 74 | 20.04 | 20.04 | 20.14 | | |
| 15 | QPSK | 36 | 0 | 20.01 | 20.21 | 20.19 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.10 | 19.94 | 19.97 | | |
| 15 | QPSK | 36 | 39 | 20.11 | 20.01 | 20.05 | | |
| 15 | QPSK | 75 | 0 | 20.00 | 20.04 | 20.11 | | |
| 15 | 16QAM | 1 | 0 | 20.15 | 20.09 | 19.97 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.18 | 20.18 | 20.18 | | |
| 15 | 16QAM | 1 | 74 | 20.25 | 20.18 | 20.07 | | |
| 15 | 16QAM | 36 | 0 | 20.15 | 20.12 | 20.01 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.07 | 19.97 | 20.03 | | |
| 15 | 16QAM | 36 | 39 | 20.09 | 20.09 | 20.20 | | |
| 15 | 16QAM | 75 | 0 | 20.05 | 20.02 | 20.04 | | |
| 15 | 64QAM | 1 | 0 | 20.00 | 19.98 | 20.04 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.16 | 20.04 | 20.19 | | |
| 15 | 64QAM | 1 | 74 | 20.07 | 20.14 | 20.18 | | |
| 15 | 64QAM | 36 | 0 | 20.07 | 20.01 | 20.08 | 21.5 | 0 |
| 15 | 64QAM | 36 | 20 | 20.01 | 20.24 | 20.25 | | |
| 15 | 64QAM | 36 | 39 | 19.98 | 20.13 | 20.16 | | |
| 15 | 64QAM | 75 | 0 | 20.07 | 20.11 | 20.04 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.12 | 20.26 | 20.20 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.01 | 19.91 | 20.07 | | |
| 10 | QPSK | 1 | 49 | 20.00 | 20.13 | 20.05 | | |
| 10 | QPSK | 25 | 0 | 20.02 | 20.18 | 20.19 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.16 | 19.98 | 20.02 | | |
| 10 | QPSK | 25 | 25 | 20.13 | 20.02 | 20.04 | | |
| 10 | QPSK | 50 | 0 | 20.01 | 20.05 | 20.11 | | |
| 10 | 16QAM | 1 | 0 | 20.12 | 20.13 | 19.97 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.22 | 20.21 | 20.23 | | |
| 10 | 16QAM | 1 | 49 | 20.21 | 20.06 | 20.05 | | |
| 10 | 16QAM | 25 | 0 | 20.04 | 20.18 | 20.02 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.08 | 19.98 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.18 | 20.16 | 20.20 | | |
| 10 | 16QAM | 50 | 0 | 20.12 | 20.04 | 20.09 | | |
| 10 | 64QAM | 1 | 0 | 20.05 | 20.07 | 20.00 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.22 | 20.07 | 20.26 | | |
| 10 | 64QAM | 1 | 49 | 20.01 | 20.06 | 20.20 | | |
| 10 | 64QAM | 25 | 0 | 20.13 | 19.99 | 20.08 | 21.5 | 0 |
| 10 | 64QAM | 25 | 12 | 20.00 | 20.20 | 20.14 | | |
| 10 | 64QAM | 25 | 25 | 19.99 | 20.13 | 20.13 | | |
| 10 | 64QAM | 50 | 0 | 20.13 | 20.13 | 20.04 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.19 | 20.19 | 20.19 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.02 | 19.88 | 20.10 | | |
| 5 | QPSK | 1 | 24 | 20.01 | 20.07 | 20.06 | | |
| 5 | QPSK | 12 | 0 | 20.10 | 20.22 | 20.09 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.10 | 19.96 | 20.07 | | |
| 5 | QPSK | 12 | 13 | 20.15 | 20.06 | 20.09 | | |
| 5 | QPSK | 25 | 0 | 20.09 | 20.04 | 20.04 | | |
| 5 | 16QAM | 1 | 0 | 20.10 | 20.11 | 20.00 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.20 | 20.24 | 20.19 | | |
| 5 | 16QAM | 1 | 24 | 20.23 | 20.09 | 20.07 | | |
| 5 | 16QAM | 12 | 0 | 20.16 | 20.16 | 20.02 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.07 | 20.04 | 20.10 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.12 | 20.17 | | |
| 5 | 16QAM | 25 | 0 | 20.13 | 20.07 | 20.12 | | |
| 5 | 64QAM | 1 | 0 | 20.08 | 20.06 | 20.04 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.17 | 20.07 | 20.20 | | |
| 5 | 64QAM | 1 | 24 | 20.10 | 20.04 | 20.21 | | |
| 5 | 64QAM | 12 | 0 | 20.05 | 20.06 | 20.07 | 21.5 | 0 |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.18 | 20.17 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.23 | 20.14 | | |
| 5 | 64QAM | 25 | 0 | 20.10 | 20.13 | 20.00 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.15 | 20.24 | 20.21 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 20.03 | 19.90 | 20.10 | | |
| 3 | QPSK | 1 | 14 | 19.96 | 20.16 | 20.11 | | |
| 3 | QPSK | 8 | 0 | 20.01 | 20.15 | 20.10 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 20.13 | 19.96 | 19.99 | | |
| 3 | QPSK | 8 | 7 | 20.22 | 20.06 | 20.12 | | |
| 3 | QPSK | 15 | 0 | 19.98 | 20.11 | 20.01 | | |
| 3 | 16QAM | 1 | 0 | 20.16 | 20.12 | 20.02 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 20.16 | 20.20 | 20.28 | | |
| 3 | 16QAM | 1 | 14 | 20.22 | 20.09 | 20.07 | | |
| 3 | 16QAM | 8 | 0 | 20.06 | 20.15 | 20.03 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.11 | 19.96 | 20.10 | | |
| 3 | 16QAM | 8 | 7 | 20.17 | 20.08 | 20.19 | | |
| 3 | 16QAM | 15 | 0 | 20.09 | 19.99 | 20.13 | | |
| 3 | 64QAM | 1 | 0 | 20.04 | 20.00 | 20.03 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.15 | 20.04 | 20.30 | | |
| 3 | 64QAM | 1 | 14 | 20.02 | 20.14 | 20.28 | | |
| 3 | 64QAM | 8 | 0 | 20.05 | 20.03 | 20.10 | 21.5 | 0 |
| 3 | 64QAM | 8 | 4 | 20.05 | 20.16 | 20.13 | | |
| 3 | 64QAM | 8 | 7 | 19.99 | 20.21 | 20.15 | | |
| 3 | 64QAM | 15 | 0 | 20.11 | 20.08 | 20.09 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.15 | 20.20 | 20.22 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.03 | 19.96 | 20.09 | | |
| 1.4 | QPSK | 1 | 5 | 20.02 | 20.13 | 20.15 | | |
| 1.4 | QPSK | 3 | 0 | 20.04 | 20.19 | 20.14 | | |
| 1.4 | QPSK | 3 | 1 | 20.10 | 19.96 | 19.99 | | |
| 1.4 | QPSK | 3 | 3 | 20.11 | 20.01 | 20.04 | | |
| 1.4 | QPSK | 6 | 0 | 19.98 | 20.08 | 20.06 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.11 | 20.13 | 19.98 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.12 | 20.19 | 20.22 | | |
| 1.4 | 16QAM | 1 | 5 | 20.30 | 20.09 | 20.05 | | |
| 1.4 | 16QAM | 3 | 0 | 20.14 | 20.20 | 20.03 | | |
| 1.4 | 16QAM | 3 | 1 | 20.04 | 19.94 | 20.02 | | |
| 1.4 | 16QAM | 3 | 3 | 20.17 | 20.19 | 20.12 | | |
| 1.4 | 16QAM | 6 | 0 | 20.13 | 20.04 | 20.13 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.01 | 20.06 | 20.01 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.26 | 20.10 | 20.25 | | |
| 1.4 | 64QAM | 1 | 5 | 20.07 | 20.14 | 20.19 | | |
| 1.4 | 64QAM | 3 | 0 | 20.11 | 20.06 | 20.06 | | |
| 1.4 | 64QAM | 3 | 1 | 19.99 | 20.19 | 20.16 | | |
| 1.4 | 64QAM | 3 | 3 | 19.99 | 20.22 | 20.15 | | |
| 1.4 | 64QAM | 6 | 0 | 20.08 | 20.09 | 20.01 | 21.5 | 0 |

## Band 38 Ant 1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 20.16 | 20.21 | 20.11 | 21.1 | 0 |
| 20 | QPSK | 1 | 49 | 19.97 | 19.97 | 20.04 | | |
| 20 | QPSK | 1 | 99 | 20.10 | 20.07 | 20.14 | | |
| 20 | QPSK | 50 | 0 | 20.15 | 20.16 | 20.10 | 21.1 | 0 |
| 20 | QPSK | 50 | 24 | 19.98 | 19.98 | 20.02 | | |
| 20 | QPSK | 50 | 50 | 20.05 | 20.03 | 20.02 | | |
| 20 | QPSK | 100 | 0 | 20.10 | 20.13 | 20.11 | | |
| 20 | 16QAM | 1 | 0 | 20.02 | 20.00 | 19.99 | 21.1 | 0 |
| 20 | 16QAM | 1 | 49 | 20.18 | 20.18 | 20.20 | | |
| 20 | 16QAM | 1 | 99 | 20.09 | 20.12 | 20.12 | | |
| 20 | 16QAM | 50 | 0 | 20.02 | 20.03 | 20.06 | 21.1 | 0 |
| 20 | 16QAM | 50 | 24 | 20.03 | 20.06 | 20.06 | | |
| 20 | 16QAM | 50 | 50 | 20.11 | 20.09 | 20.12 | | |
| 20 | 16QAM | 100 | 0 | 20.04 | 20.05 | 20.13 | | |
| 20 | 64QAM | 1 | 0 | 20.02 | 20.07 | 20.08 | 21.1 | 0 |
| 20 | 64QAM | 1 | 49 | 20.13 | 20.16 | 20.03 | | |
| 20 | 64QAM | 1 | 99 | 20.11 | 20.01 | 20.08 | | |
| 20 | 64QAM | 50 | 0 | 20.04 | 20.00 | 20.15 | 21.1 | 0 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.11 | 20.19 | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.06 | 20.18 | | |
| 20 | 64QAM | 100 | 0 | 20.06 | 20.10 | 19.99 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 20.03 | 20.12 | 20.05 | 21.1 | 0 |
| 15 | QPSK | 1 | 37 | 19.88 | 19.87 | 19.98 | | |
| 15 | QPSK | 1 | 74 | 20.00 | 19.98 | 20.10 | | |
| 15 | QPSK | 36 | 0 | 20.07 | 20.08 | 20.07 | 21.1 | 0 |
| 15 | QPSK | 36 | 20 | 19.85 | 19.84 | 19.98 | | |
| 15 | QPSK | 36 | 39 | 19.95 | 19.97 | 19.90 | | |
| 15 | QPSK | 75 | 0 | 20.02 | 20.00 | 19.99 | | |
| 15 | 16QAM | 1 | 0 | 19.99 | 19.94 | 19.86 | 21.1 | 0 |
| 15 | 16QAM | 1 | 37 | 20.05 | 20.06 | 20.10 | | |
| 15 | 16QAM | 1 | 74 | 19.97 | 20.00 | 20.04 | | |
| 15 | 16QAM | 36 | 0 | 19.88 | 19.91 | 20.01 | 21.1 | 0 |
| 15 | 16QAM | 36 | 20 | 19.88 | 20.00 | 19.95 | | |
| 15 | 16QAM | 36 | 39 | 20.00 | 20.02 | 20.02 | | |
| 15 | 16QAM | 75 | 0 | 19.98 | 19.98 | 19.98 | | |
| 15 | 64QAM | 1 | 0 | 19.98 | 19.97 | 19.97 | 21.1 | 0 |
| 15 | 64QAM | 1 | 37 | 20.03 | 20.02 | 20.11 | | |
| 15 | 64QAM | 1 | 74 | 20.02 | 19.94 | 20.01 | | |
| 15 | 64QAM | 36 | 0 | 20.01 | 19.92 | 20.06 | 21.1 | 0 |
| 15 | 64QAM | 36 | 20 | 20.18 | 20.06 | 20.13 | | |
| 15 | 64QAM | 36 | 39 | 20.06 | 20.02 | 20.15 | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 19.98 | 19.93 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 20.12 | 20.07 | 20.01 | 21.1 | 0 |
| 10 | QPSK | 1 | 25 | 19.83 | 19.92 | 19.98 | | |
| 10 | QPSK | 1 | 49 | 20.02 | 20.03 | 19.99 | | |
| 10 | QPSK | 25 | 0 | 20.04 | 20.05 | 19.96 | 21.1 | 0 |
| 10 | QPSK | 25 | 12 | 19.92 | 19.88 | 19.98 | | |
| 10 | QPSK | 25 | 25 | 19.95 | 19.95 | 19.94 | | |
| 10 | QPSK | 50 | 0 | 20.04 | 20.02 | 20.02 | | |
| 10 | 16QAM | 1 | 0 | 19.96 | 19.87 | 19.95 | 21.1 | 0 |
| 10 | 16QAM | 1 | 25 | 20.07 | 20.05 | 20.12 | | |
| 10 | 16QAM | 1 | 49 | 20.01 | 20.08 | 20.02 | | |
| 10 | 16QAM | 25 | 0 | 19.91 | 19.99 | 19.92 | 21.1 | 0 |
| 10 | 16QAM | 25 | 12 | 19.90 | 19.92 | 20.00 | | |
| 10 | 16QAM | 25 | 25 | 20.01 | 19.96 | 20.05 | | |
| 10 | 16QAM | 50 | 0 | 19.91 | 19.96 | 20.10 | | |
| 10 | 64QAM | 1 | 0 | 19.98 | 20.03 | 20.01 | 21.1 | 0 |
| 10 | 64QAM | 1 | 25 | 19.99 | 20.03 | 20.18 | | |
| 10 | 64QAM | 1 | 49 | 19.97 | 19.89 | 19.98 | | |
| 10 | 64QAM | 25 | 0 | 19.91 | 19.89 | 20.11 | 21.1 | 0 |
| 10 | 64QAM | 25 | 12 | 20.10 | 20.01 | 20.07 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 19.93 | 20.07 | | |
| 10 | 64QAM | 50 | 0 | 20.04 | 20.00 | 19.88 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 20.01 | 20.17 | 20.03 | 21.1 | 0 |
| 5 | QPSK | 1 | 12 | 19.87 | 19.84 | 19.91 | | |
| 5 | QPSK | 1 | 24 | 20.06 | 19.99 | 20.08 | | |
| 5 | QPSK | 12 | 0 | 20.05 | 20.06 | 20.03 | 21.1 | 0 |
| 5 | QPSK | 12 | 7 | 19.89 | 19.84 | 19.88 | | |
| 5 | QPSK | 12 | 13 | 19.97 | 19.92 | 19.88 | | |
| 5 | QPSK | 25 | 0 | 20.06 | 20.02 | 20.02 | | |
| 5 | 16QAM | 1 | 0 | 19.92 | 19.89 | 19.95 | 21.1 | 0 |
| 5 | 16QAM | 1 | 12 | 20.09 | 20.13 | 20.08 | | |
| 5 | 16QAM | 1 | 24 | 19.96 | 20.08 | 20.07 | | |
| 5 | 16QAM | 12 | 0 | 19.92 | 19.96 | 19.95 | 21.1 | 0 |
| 5 | 16QAM | 12 | 7 | 19.90 | 19.93 | 19.93 | | |
| 5 | 16QAM | 12 | 13 | 20.07 | 20.05 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 19.95 | 19.98 | 20.00 | | |
| 5 | 64QAM | 1 | 0 | 19.96 | 20.03 | 20.02 | 21.1 | 0 |
| 5 | 64QAM | 1 | 12 | 20.03 | 20.12 | 20.17 | | |
| 5 | 64QAM | 1 | 24 | 20.00 | 19.90 | 19.99 | | |
| 5 | 64QAM | 12 | 0 | 19.89 | 19.94 | 20.06 | 21.1 | 0 |
| 5 | 64QAM | 12 | 7 | 20.13 | 20.01 | 20.12 | | |
| 5 | 64QAM | 12 | 13 | 20.04 | 19.97 | 20.13 | | |

## Band 41 Ant 1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 20.09 | 20.02 | 20.16 | 20.08 | 20.09 | 21.1 | 0 |
| 20 | QPSK | 1 | 49 | 20.12 | 20.03 | 20.10 | 20.11 | 20.00 | | |
| 20 | QPSK | 1 | 99 | 20.09 | 19.98 | 19.98 | 20.04 | 19.98 | | |
| 20 | QPSK | 50 | 0 | 20.03 | 20.11 | 20.13 | 20.03 | 20.10 | 21.1 | 0 |
| 20 | QPSK | 50 | 24 | 19.95 | 20.01 | 19.97 | 20.04 | 20.08 | | |
| 20 | QPSK | 50 | 50 | 19.98 | 20.10 | 20.02 | 20.02 | 20.02 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.01 | 20.09 | 19.93 | 20.07 | | |
| 20 | 16QAM | 1 | 0 | 19.91 | 19.80 | 20.00 | 19.92 | 19.92 | 21.1 | 0 |
| 20 | 16QAM | 1 | 49 | 20.14 | 20.04 | 20.14 | 19.99 | 19.99 | | |
| 20 | 16QAM | 1 | 99 | 20.10 | 20.04 | 20.12 | 20.08 | 20.09 | | |
| 20 | 16QAM | 50 | 0 | 20.11 | 20.02 | 20.00 | 19.98 | 19.99 | 21.1 | 0 |
| 20 | 16QAM | 50 | 24 | 19.94 | 19.99 | 19.96 | 20.02 | 19.97 | | |
| 20 | 16QAM | 50 | 50 | 20.04 | 20.12 | 20.15 | 20.08 | 20.05 | | |
| 20 | 16QAM | 100 | 0 | 19.98 | 20.02 | 19.99 | 20.04 | 20.01 | | |
| 20 | 64QAM | 1 | 0 | 20.07 | 20.02 | 20.07 | 20.01 | 20.01 | 21.1 | 0 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.12 | 20.15 | 20.11 | 20.13 | | |
| 20 | 64QAM | 1 | 99 | 20.05 | 19.90 | 20.12 | 20.02 | 19.93 | | |
| 20 | 64QAM | 50 | 0 | 19.89 | 19.98 | 19.93 | 20.04 | 19.96 | 21.1 | 0 |
| 20 | 64QAM | 50 | 24 | 20.08 | 20.10 | 20.03 | 20.12 | 20.04 | | |
| 20 | 64QAM | 50 | 50 | 20.04 | 19.98 | 19.96 | 20.08 | 20.13 | | |
| 20 | 64QAM | 100 | 0 | 19.89 | 19.88 | 19.94 | 19.97 | 19.84 | | |
| 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 | 19.98 | 19.87 | 20.10 | 20.03 | 20.04 | 21.10 | 0 |
| 15 | QPSK | 1 | 37 | 20.08 | 19.97 | 20.05 | 20.06 | 19.95 | | |
| 15 | QPSK | 1 | 74 | 20.01 | 19.88 | 19.93 | 19.97 | 19.91 | | |
| 15 | QPSK | 36 | 0 | 19.94 | 20.06 | 20.07 | 19.88 | 19.98 | 21.1 | 0 |
| 15 | QPSK | 36 | 20 | 19.83 | 19.90 | 19.84 | 19.99 | 19.95 | | |
| 15 | QPSK | 36 | 39 | 19.90 | 20.04 | 19.91 | 19.87 | 19.89 | | |
| 15 | QPSK | 75 | 0 | 19.91 | 19.93 | 19.99 | 19.87 | 19.94 | | |
| 15 | 16QAM | 1 | 0 | 19.81 | 19.76 | 19.90 | 19.79 | 19.82 | 21.1 | 0 |
| 15 | 16QAM | 1 | 37 | 20.01 | 19.93 | 20.05 | 19.90 | 19.94 | | |
| 15 | 16QAM | 1 | 74 | 19.99 | 19.99 | 20.07 | 19.98 | 19.94 | | |
| 15 | 16QAM | 36 | 0 | 20.02 | 19.96 | 19.85 | 19.90 | 19.92 | 21.1 | 0 |
| 15 | 16QAM | 36 | 20 | 19.89 | 19.84 | 19.87 | 19.95 | 19.89 | | |
| 15 | 16QAM | 36 | 39 | 19.98 | 19.98 | 20.04 | 20.07 | 20.07 | | |
| 15 | 16QAM | 75 | 0 | 19.87 | 19.90 | 19.95 | 19.97 | 19.93 | | |
| 15 | 64QAM | 1 | 0 | 20.01 | 19.89 | 20.04 | 19.96 | 19.95 | 21.1 | 0 |
| 15 | 64QAM | 1 | 37 | 20.03 | 20.04 | 20.01 | 19.98 | 20.07 | | |
| 15 | 64QAM | 1 | 74 | 19.95 | 19.85 | 20.03 | 19.92 | 19.89 | | |
| 15 | 64QAM | 36 | 0 | 19.76 | 19.88 | 19.89 | 19.98 | 19.87 | 21.1 | 0 |
| 15 | 64QAM | 36 | 20 | 20.01 | 20.02 | 19.89 | 20.04 | 19.91 | | |
| 15 | 64QAM | 36 | 39 | 19.96 | 20.03 | 19.89 | 20.04 | 20.09 | | |
| 15 | 64QAM | 75 | 0 | 19.86 | 19.83 | 19.79 | 19.86 | 19.71 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.94 | 19.98 | 20.05 | 20.01 | 20.03 | 21.10 | 0 |
| 10 | QPSK | 1 | 25 | 20.05 | 19.96 | 19.97 | 20.03 | 19.96 | | |
| 10 | QPSK | 1 | 49 | 20.04 | 19.88 | 19.84 | 19.97 | 19.85 | | |
| 10 | QPSK | 25 | 0 | 19.97 | 19.99 | 20.08 | 19.99 | 20.05 | 21.1 | 0 |
| 10 | QPSK | 25 | 12 | 19.87 | 19.95 | 19.85 | 19.96 | 19.97 | | |
| 10 | QPSK | 25 | 25 | 19.87 | 20.04 | 19.89 | 19.96 | 19.99 | | |
| 10 | QPSK | 50 | 0 | 19.92 | 19.87 | 20.05 | 19.87 | 19.95 | | |
| 10 | 16QAM | 1 | 0 | 19.80 | 19.73 | 19.95 | 19.88 | 19.87 | 21.1 | 0 |
| 10 | 16QAM | 1 | 25 | 20.11 | 19.95 | 20.01 | 19.91 | 19.86 | | |
| 10 | 16QAM | 1 | 49 | 20.05 | 19.91 | 20.04 | 20.00 | 19.97 | | |
| 10 | 16QAM | 25 | 0 | 19.99 | 19.88 | 19.88 | 19.92 | 19.89 | 21.1 | 0 |
| 10 | 16QAM | 25 | 12 | 19.84 | 19.87 | 19.86 | 19.87 | 19.85 | | |
| 10 | 16QAM | 25 | 25 | 20.00 | 19.99 | 20.08 | 20.11 | 20.03 | | |
| 10 | 16QAM | 50 | 0 | 19.88 | 19.94 | 19.92 | 19.92 | 19.94 | | |
| 10 | 64QAM | 1 | 0 | 20.02 | 19.92 | 20.02 | 19.95 | 19.90 | 21.1 | 0 |
| 10 | 64QAM | 1 | 25 | 20.08 | 20.01 | 20.01 | 20.05 | 20.04 | | |
| 10 | 64QAM | 1 | 49 | 19.94 | 19.78 | 20.05 | 19.89 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.78 | 19.84 | 19.89 | 19.93 | 19.86 | 21.1 | 0 |
| 10 | 64QAM | 25 | 12 | 19.94 | 19.98 | 19.90 | 20.01 | 19.94 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.03 | 19.92 | 20.04 | 20.07 | | |
| 10 | 64QAM | 50 | 0 | 19.80 | 19.75 | 19.85 | 19.85 | 19.75 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.00 | 19.92 | 20.03 | 19.99 | 20.05 | 21.10 | 0 |
| 5 | QPSK | 1 | 12 | 20.04 | 20.00 | 20.00 | 20.01 | 19.94 | | |
| 5 | QPSK | 1 | 24 | 19.95 | 19.89 | 19.88 | 19.92 | 19.87 | | |
| 5 | QPSK | 12 | 0 | 19.97 | 20.04 | 20.00 | 19.98 | 20.05 | 21.1 | 0 |
| 5 | QPSK | 12 | 7 | 19.80 | 19.93 | 19.85 | 19.92 | 19.97 | | |
| 5 | QPSK | 12 | 13 | 19.92 | 20.05 | 19.96 | 19.92 | 19.96 | | |
| 5 | QPSK | 25 | 0 | 19.96 | 19.94 | 19.96 | 19.88 | 19.94 | | |
| 5 | 16QAM | 1 | 0 | 19.81 | 19.72 | 19.91 | 19.78 | 19.86 | 21.1 | 0 |
| 5 | 16QAM | 1 | 12 | 20.10 | 19.99 | 20.03 | 19.93 | 19.87 | | |
| 5 | 16QAM | 1 | 24 | 20.02 | 19.99 | 20.03 | 19.97 | 20.03 | | |
| 5 | 16QAM | 12 | 0 | 19.98 | 19.94 | 19.94 | 19.94 | 19.88 | 21.1 | 0 |
| 5 | 16QAM | 12 | 7 | 19.88 | 19.95 | 19.87 | 19.90 | 19.83 | | |
| 5 | 16QAM | 12 | 13 | 19.97 | 20.00 | 20.08 | 20.12 | 20.07 | | |
| 5 | 16QAM | 25 | 0 | 19.85 | 19.92 | 19.84 | 19.96 | 19.98 | | |
| 5 | 64QAM | 1 | 0 | 20.04 | 19.91 | 19.97 | 19.88 | 19.91 | 21.1 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.00 | 20.07 | 20.04 | 20.05 | | |
| 5 | 64QAM | 1 | 24 | 19.93 | 19.85 | 20.02 | 19.89 | 19.82 | | |
| 5 | 64QAM | 12 | 0 | 19.78 | 19.93 | 19.86 | 19.96 | 19.92 | 21.1 | 0 |
| 5 | 64QAM | 12 | 7 | 19.98 | 19.96 | 19.94 | 20.08 | 19.97 | | |
| 5 | 64QAM | 12 | 13 | 19.93 | 20.10 | 19.83 | 19.95 | 19.98 | | |

GSM850 Ant 2 DSI11

| 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 | 28.10 | 28.00 | 28.32 | 29.20 | 19.10 | 19.00 | 19.32 | 20.20 |
| GPRS 1 Tx slot | 28.06 | 27.94 | 28.23 | 29.20 | 19.06 | 18.94 | 19.23 | 20.20 |
| GPRS 2 Tx slots | 24.86 | 24.87 | 25.05 | 26.20 | 18.86 | 18.87 | 19.05 | 20.20 |
| GPRS 3 Tx slots | 23.18 | 23.17 | 23.39 | 24.40 | 18.92 | 18.91 | 19.13 | 20.14 |
| GPRS 4 Tx slots | 22.25 | 22.54 | 22.24 | 23.20 | 19.25 | 19.54 | 19.24 | 20.20 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI11

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.60 | 21.73 | 21.68 | 22.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.70 | 21.90 | 21.76 | 22.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.70 | 18.69 | 18.52 | 19.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.70 | 18.83 | 18.60 | 19.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.20 | 20.36 | 20.15 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.20 | 20.29 | 20.21 | 21.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 18.70 | 18.78 | 18.71 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.70 | 19.05 | 18.99 | 19.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.20 | 20.41 | 20.14 | 21.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.20 | 20.27 | 20.33 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.70 | 18.86 | 18.62 | 19.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.70 | 16.83 | 16.63 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.70 | 17.98 | 17.63 | 18.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.70 | 16.81 | 16.52 | 17.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.70 | 18.88 | 18.83 | 19.70 |

## Band 5 Ant 2 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.70 | 21.94 | 21.82 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.53 | 21.66 | 21.61 | | |
| 10 | QPSK | 1 | 49 | 21.67 | 21.74 | 21.62 | | |
| 10 | QPSK | 25 | 0 | 21.64 | 21.87 | 21.68 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.55 | 21.62 | 21.57 | | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.81 | 21.69 | | |
| 10 | QPSK | 50 | 0 | 21.63 | 21.77 | 21.70 | | |
| 10 | 16QAM | 1 | 0 | 21.54 | 21.68 | 21.66 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.61 | 21.83 | 21.65 | | |
| 10 | 16QAM | 1 | 49 | 21.76 | 21.72 | 21.68 | | |
| 10 | 16QAM | 25 | 0 | 21.62 | 21.68 | 21.55 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.59 | 21.73 | 21.60 | | |
| 10 | 16QAM | 25 | 25 | 21.60 | 21.78 | 21.67 | | |
| 10 | 16QAM | 50 | 0 | 21.58 | 21.72 | 21.59 | | |
| 10 | 64QAM | 1 | 0 | 21.51 | 21.73 | 21.61 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.75 | 21.87 | 21.82 | | |
| 10 | 64QAM | 1 | 49 | 21.55 | 21.67 | 21.67 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.35 | 21.22 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.37 | 21.30 | | |
| 10 | 64QAM | 25 | 25 | 21.29 | 21.43 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.38 | 21.35 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.61 | 21.89 | 21.75 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.47 | 21.56 | 21.51 | | |
| 5 | QPSK | 1 | 24 | 21.56 | 21.64 | 21.52 | | |
| 5 | QPSK | 12 | 0 | 21.52 | 21.74 | 21.60 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.48 | 21.57 | 21.46 | | |
| 5 | QPSK | 12 | 13 | 21.61 | 21.67 | 21.64 | | |
| 5 | QPSK | 25 | 0 | 21.53 | 21.71 | 21.65 | | |
| 5 | 16QAM | 1 | 0 | 21.48 | 21.60 | 21.55 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.48 | 21.77 | 21.59 | | |
| 5 | 16QAM | 1 | 24 | 21.69 | 21.65 | 21.60 | | |
| 5 | 16QAM | 12 | 0 | 21.48 | 21.58 | 21.45 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.50 | 21.68 | 21.48 | | |
| 5 | 16QAM | 12 | 13 | 21.47 | 21.74 | 21.55 | | |
| 5 | 16QAM | 25 | 0 | 21.54 | 21.69 | 21.44 | | |
| 5 | 64QAM | 1 | 0 | 21.47 | 21.64 | 21.57 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.63 | 21.73 | 21.79 | | |
| 5 | 64QAM | 1 | 24 | 21.48 | 21.60 | 21.64 | | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.27 | 21.15 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.19 | 21.25 | 21.24 | | |
| 5 | 64QAM | 12 | 13 | 21.17 | 21.38 | 21.20 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.30 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.60 | 21.89 | 21.69 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.39 | 21.63 | 21.49 | | |
| 3 | QPSK | 1 | 14 | 21.62 | 21.66 | 21.56 | | |
| 3 | QPSK | 8 | 0 | 21.60 | 21.78 | 21.61 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.44 | 21.56 | 21.50 | | |
| 3 | QPSK | 8 | 7 | 21.58 | 21.70 | 21.60 | | |
| 3 | QPSK | 15 | 0 | 21.56 | 21.71 | 21.57 | | |
| 3 | 16QAM | 1 | 0 | 21.48 | 21.64 | 21.59 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.49 | 21.78 | 21.54 | | |
| 3 | 16QAM | 1 | 14 | 21.61 | 21.63 | 21.54 | | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.57 | 21.43 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.51 | 21.62 | 21.46 | | |
| 3 | 16QAM | 8 | 7 | 21.52 | 21.71 | 21.56 | | |
| 3 | 16QAM | 15 | 0 | 21.43 | 21.68 | 21.44 | | |
| 3 | 64QAM | 1 | 0 | 21.47 | 21.58 | 21.55 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.71 | 21.78 | 21.68 | | |
| 3 | 64QAM | 1 | 14 | 21.48 | 21.58 | 21.63 | | |
| 3 | 64QAM | 8 | 0 | 21.20 | 21.27 | 21.14 | 22.2 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.21 | 21.29 | 21.23 | | |
| 3 | 64QAM | 8 | 7 | 21.15 | 21.30 | 21.21 | | |
| 3 | 64QAM | 15 | 0 | 21.26 | 21.28 | 21.30 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.58 | 21.83 | 21.71 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.44 | 21.53 | 21.58 | | |
| 1.4 | QPSK | 1 | 5 | 21.55 | 21.64 | 21.54 | | |
| 1.4 | QPSK | 3 | 0 | 21.50 | 21.82 | 21.58 | | |
| 1.4 | QPSK | 3 | 1 | 21.42 | 21.53 | 21.49 | | |
| 1.4 | QPSK | 3 | 3 | 21.65 | 21.69 | 21.59 | | |
| 1.4 | QPSK | 6 | 0 | 21.60 | 21.71 | 21.58 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.45 | 21.55 | 21.63 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.50 | 21.77 | 21.55 | | |
| 1.4 | 16QAM | 1 | 5 | 21.71 | 21.65 | 21.55 | | |
| 1.4 | 16QAM | 3 | 0 | 21.47 | 21.65 | 21.52 | | |
| 1.4 | 16QAM | 3 | 1 | 21.55 | 21.59 | 21.57 | | |
| 1.4 | 16QAM | 3 | 3 | 21.54 | 21.72 | 21.52 | | |
| 1.4 | 16QAM | 6 | 0 | 21.55 | 21.67 | 21.56 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.45 | 21.68 | 21.56 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.65 | 21.77 | 21.71 | | |
| 1.4 | 64QAM | 1 | 5 | 21.50 | 21.54 | 21.55 | | |
| 1.4 | 64QAM | 3 | 0 | 21.61 | 21.60 | 21.57 | | |
| 1.4 | 64QAM | 3 | 1 | 21.53 | 21.56 | 21.41 | | |
| 1.4 | 64QAM | 3 | 3 | 21.51 | 21.68 | 21.50 | | |
| 1.4 | 64QAM | 6 | 0 | 21.17 | 21.27 | 21.25 | 22.2 | 0.5 |

## Band 12 Ant 2 DSI11

| BW [MHz] | 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 | 21.91 | 21.95 | 21.82 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.65 | 21.66 | 21.70 | | |
| 10 | QPSK | 1 | 49 | 21.73 | 21.81 | 21.64 | | |
| 10 | QPSK | 25 | 0 | 21.86 | 21.90 | 21.76 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.65 | 21.69 | 21.65 | | |
| 10 | QPSK | 25 | 25 | 21.72 | 21.85 | 21.73 | | |
| 10 | QPSK | 50 | 0 | 21.78 | 21.86 | 21.69 | | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.72 | 21.66 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.89 | 21.84 | 21.81 | | |
| 10 | 16QAM | 1 | 49 | 21.91 | 21.87 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 21.75 | 21.71 | 21.65 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.74 | 21.87 | 21.61 | | |
| 10 | 16QAM | 25 | 25 | 21.86 | 21.80 | 21.72 | | |
| 10 | 16QAM | 50 | 0 | 21.73 | 21.73 | 21.54 | | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.80 | 21.69 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.80 | 21.73 | 21.82 | | |
| 10 | 64QAM | 1 | 49 | 21.77 | 21.77 | 21.61 | | |
| 10 | 64QAM | 25 | 0 | 21.41 | 21.48 | 21.43 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.26 | 21.19 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.36 | 21.26 | | |
| 10 | 64QAM | 50 | 0 | 21.28 | 21.33 | 21.29 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.78 | 21.88 | 21.70 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.57 | 21.57 | 21.60 | | |
| 5 | QPSK | 1 | 24 | 21.61 | 21.76 | 21.57 | | |
| 5 | QPSK | 12 | 0 | 21.74 | 21.79 | 21.71 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.61 | 21.58 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.64 | 21.71 | 21.61 | | |
| 5 | QPSK | 25 | 0 | 21.65 | 21.72 | 21.55 | | |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.66 | 21.52 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.74 | 21.72 | 21.67 | | |
| 5 | 16QAM | 1 | 24 | 21.87 | 21.77 | 21.82 | | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.62 | 21.57 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.67 | 21.84 | 21.53 | | |
| 5 | 16QAM | 12 | 13 | 21.80 | 21.68 | 21.64 | | |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.69 | 21.49 | | |
| 5 | 64QAM | 1 | 0 | 21.66 | 21.72 | 21.59 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.66 | 21.74 | | |
| 5 | 64QAM | 1 | 24 | 21.63 | 21.63 | 21.56 | | |
| 5 | 64QAM | 12 | 0 | 21.30 | 21.43 | 21.33 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.04 | 21.15 | 21.07 | | |
| 5 | 64QAM | 12 | 13 | 21.08 | 21.28 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.22 | 21.28 | 21.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.86 | 21.91 | 21.67 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.57 | 21.64 | | |
| 3 | QPSK | 1 | 14 | 21.64 | 21.67 | 21.59 | | |
| 3 | QPSK | 8 | 0 | 21.73 | 21.80 | 21.63 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.54 | 21.65 | 21.57 | | |
| 3 | QPSK | 8 | 7 | 21.59 | 21.78 | 21.68 | | |
| 3 | QPSK | 15 | 0 | 21.71 | 21.77 | 21.60 | | |
| 3 | 16QAM | 1 | 0 | 21.55 | 21.61 | 21.55 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.76 | 21.75 | 21.68 | | |
| 3 | 16QAM | 1 | 14 | 21.84 | 21.79 | 21.78 | | |
| 3 | 16QAM | 8 | 0 | 21.70 | 21.67 | 21.55 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.68 | 21.81 | 21.56 | | |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.70 | 21.68 | | |
| 3 | 16QAM | 15 | 0 | 21.67 | 21.68 | 21.42 | | |
| 3 | 64QAM | 1 | 0 | 21.60 | 21.70 | 21.55 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.71 | 21.59 | 21.71 | | |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.67 | 21.52 | | |
| 3 | 64QAM | 8 | 0 | 21.29 | 21.40 | 21.38 | 22.2 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.03 | 21.16 | 21.06 | | |
| 3 | 64QAM | 8 | 7 | 21.13 | 21.22 | 21.19 | | |
| 3 | 64QAM | 15 | 0 | 21.21 | 21.21 | 21.17 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.87 | 21.84 | 21.68 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.55 | 21.61 | 21.66 | | |
| 1.4 | QPSK | 1 | 5 | 21.69 | 21.72 | 21.50 | | |
| 1.4 | QPSK | 3 | 0 | 21.75 | 21.86 | 21.65 | | |
| 1.4 | QPSK | 3 | 1 | 21.54 | 21.55 | 21.54 | | |
| 1.4 | QPSK | 3 | 3 | 21.63 | 21.80 | 21.70 | | |
| 1.4 | QPSK | 6 | 0 | 21.69 | 21.75 | 21.63 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.66 | 21.60 | 21.57 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.70 | 21.71 | | |
| 1.4 | 16QAM | 1 | 5 | 21.83 | 21.79 | 21.83 | | |
| 1.4 | 16QAM | 3 | 0 | 21.71 | 21.57 | 21.55 | | |
| 1.4 | 16QAM | 3 | 1 | 21.70 | 21.72 | 21.56 | | |
| 1.4 | 16QAM | 3 | 3 | 21.75 | 21.73 | 21.69 | | |
| 1.4 | 16QAM | 6 | 0 | 21.61 | 21.63 | 21.43 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.64 | 21.66 | 21.65 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.59 | 21.77 | | |
| 1.4 | 64QAM | 1 | 5 | 21.70 | 21.72 | 21.51 | | |
| 1.4 | 64QAM | 3 | 0 | 21.72 | 21.78 | 21.64 | | |
| 1.4 | 64QAM | 3 | 1 | 21.64 | 21.65 | 21.62 | | |
| 1.4 | 64QAM | 3 | 3 | 21.79 | 21.74 | 21.72 | | |
| 1.4 | 64QAM | 6 | 0 | 21.16 | 21.26 | 21.19 | 22.2 | 0.5 |

## Band 13 Ant 2 DSI11

| BW [MHz] | 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 | | 20.68 | | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | | 20.42 | | | |
| 10 | QPSK | 1 | 49 | | 20.54 | | | |
| 10 | QPSK | 25 | 0 | | 20.65 | | 21.7 | 0 |
| 10 | QPSK | 25 | 12 | | 20.40 | | | |
| 10 | QPSK | 25 | 25 | | 20.60 | | | |
| 10 | QPSK | 50 | 0 | | 20.61 | | | |
| 10 | 16QAM | 1 | 0 | | 20.37 | | 21.7 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.54 | | | |
| 10 | 16QAM | 1 | 49 | | 20.61 | | | |
| 10 | 16QAM | 25 | 0 | | 20.43 | | 21.7 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.61 | | | |
| 10 | 16QAM | 25 | 25 | | 20.55 | | | |
| 10 | 16QAM | 50 | 0 | | 20.44 | | | |
| 10 | 64QAM | 1 | 0 | | 20.52 | | 21.7 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.47 | | | |
| 10 | 64QAM | 1 | 49 | | 20.42 | | | |
| 10 | 64QAM | 25 | 0 | | 20.23 | | 21.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | | 20.06 | | | |
| 10 | 64QAM | 25 | 25 | | 20.13 | | | |
| 10 | 64QAM | 50 | 0 | | 20.31 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 20.59 | 20.55 | 20.52 | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.23 | 20.23 | 20.33 | | |
| 5 | QPSK | 1 | 24 | 20.32 | 20.40 | 20.24 | | |
| 5 | QPSK | 12 | 0 | 20.54 | 20.60 | 20.42 | 21.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.31 | 20.26 | 20.37 | | |
| 5 | QPSK | 12 | 13 | 20.41 | 20.39 | 20.39 | | |
| 5 | QPSK | 25 | 0 | 20.34 | 20.50 | 20.41 | | |
| 5 | 16QAM | 1 | 0 | 20.34 | 20.35 | 20.30 | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.52 | 20.46 | 20.43 | | |
| 5 | 16QAM | 1 | 24 | 20.46 | 20.53 | 20.54 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.30 | 20.28 | 21.7 | 0 |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.55 | 20.16 | | |
| 5 | 16QAM | 12 | 13 | 20.51 | 20.45 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.37 | 20.41 | 20.13 | | |
| 5 | 64QAM | 1 | 0 | 20.30 | 20.52 | 20.33 | 21.7 | 0 |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.30 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.30 | 20.44 | 20.32 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.15 | 20.07 | 21.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.82 | 20.02 | 19.87 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 20.04 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.15 | 20.20 | 20.12 | | |

## Band 17 Ant 2 DSI11

| BW [MHz] | 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 | 21.81 | 21.96 | 21.92 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.77 | 21.75 | 21.66 | | |
| 10 | QPSK | 1 | 49 | 21.74 | 21.84 | 21.68 | | |
| 10 | QPSK | 25 | 0 | 21.76 | 21.91 | 21.75 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.66 | 21.67 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.70 | 21.77 | 21.73 | | |
| 10 | QPSK | 50 | 0 | 21.80 | 21.84 | 21.79 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.71 | 21.60 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.90 | 21.84 | 21.74 | | |
| 10 | 16QAM | 1 | 49 | 21.87 | 21.79 | 21.72 | | |
| 10 | 16QAM | 25 | 0 | 21.81 | 21.68 | 21.72 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.76 | 21.74 | 21.59 | | |
| 10 | 16QAM | 25 | 25 | 21.79 | 21.82 | 21.74 | | |
| 10 | 16QAM | 50 | 0 | 21.74 | 21.71 | 21.65 | | |
| 10 | 64QAM | 1 | 0 | 21.77 | 21.70 | 21.70 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.80 | 21.85 | 21.71 | | |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.79 | 21.68 | | |
| 10 | 64QAM | 25 | 0 | 21.40 | 21.45 | 21.38 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.23 | | |
| 10 | 64QAM | 25 | 25 | 21.31 | 21.38 | 21.33 | | |
| 10 | 64QAM | 50 | 0 | 21.26 | 21.39 | 21.29 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.86 | 21.86 | 21.85 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.73 | 21.67 | 21.52 | | |
| 5 | QPSK | 1 | 24 | 21.66 | 21.76 | 21.63 | | |
| 5 | QPSK | 12 | 0 | 21.68 | 21.83 | 21.69 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.59 | 21.55 | 21.46 | | |
| 5 | QPSK | 12 | 13 | 21.57 | 21.62 | 21.63 | | |
| 5 | QPSK | 25 | 0 | 21.71 | 21.81 | 21.71 | | |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.52 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.80 | 21.70 | 21.61 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.76 | 21.67 | | |
| 5 | 16QAM | 12 | 0 | 21.72 | 21.55 | 21.58 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.69 | 21.49 | | |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.76 | 21.64 | | |
| 5 | 16QAM | 25 | 0 | 21.63 | 21.58 | 21.52 | | |
| 5 | 64QAM | 1 | 0 | 21.69 | 21.61 | 21.62 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.79 | 21.68 | | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.76 | 21.54 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.37 | 21.24 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.33 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 21.22 | 21.25 | 21.19 | | |
| 5 | 64QAM | 25 | 0 | 21.13 | 21.29 | 21.25 | | |

## Band 26 Ant 2 DSI11

| BW [MHz] | 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 | 21.89 | 21.92 | 21.82 | 22.7 | 0 |
| 15 | QPSK | 1 | 37 | 21.71 | 21.64 | 21.60 | | |
| 15 | QPSK | 1 | 74 | 21.65 | 21.77 | 21.61 | | |
| 15 | QPSK | 36 | 0 | 21.65 | 21.83 | 21.61 | 22.7 | 0 |
| 15 | QPSK | 36 | 20 | 21.52 | 21.61 | 21.40 | | |
| 15 | QPSK | 36 | 39 | 21.66 | 21.74 | 21.62 | | |
| 15 | QPSK | 75 | 0 | 21.74 | 21.75 | 21.66 | | |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.62 | 21.52 | 22.7 | 0 |
| 15 | 16QAM | 1 | 37 | 21.76 | 21.78 | 21.69 | | |
| 15 | 16QAM | 1 | 74 | 21.77 | 21.65 | 21.64 | | |
| 15 | 16QAM | 36 | 0 | 21.68 | 21.59 | 21.58 | 22.7 | 0 |
| 15 | 16QAM | 36 | 20 | 21.67 | 21.61 | 21.51 | | |
| 15 | 16QAM | 36 | 39 | 21.64 | 21.78 | 21.68 | | |
| 15 | 16QAM | 75 | 0 | 21.64 | 21.59 | 21.62 | | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.57 | 21.64 | 22.7 | 0 |
| 15 | 64QAM | 1 | 37 | 21.74 | 21.80 | 21.60 | | |
| 15 | 64QAM | 1 | 74 | 21.72 | 21.72 | 21.54 | | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.25 | 21.16 | 22.2 | 0.5 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.13 | | |
| 15 | 64QAM | 36 | 39 | 21.15 | 21.22 | 21.16 | | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.14 | 21.04 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.87 | 21.83 | 21.78 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.64 | 21.57 | 21.48 | | |
| 10 | QPSK | 1 | 49 | 21.60 | 21.66 | 21.46 | | |
| 10 | QPSK | 25 | 0 | 21.62 | 21.71 | 21.49 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 21.39 | 21.54 | 21.29 | | |
| 10 | QPSK | 25 | 25 | 21.60 | 21.62 | 21.52 | | |
| 10 | QPSK | 50 | 0 | 21.70 | 21.71 | 21.60 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.49 | 21.39 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 21.68 | 21.64 | 21.64 | | |
| 10 | 16QAM | 1 | 49 | 21.69 | 21.55 | 21.50 | | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.52 | 21.50 | 22.7 | 0 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.47 | 21.37 | | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.71 | 21.65 | | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.56 | 21.53 | | |
| 10 | 64QAM | 1 | 0 | 21.60 | 21.50 | 21.56 | 22.7 | 0 |
| 10 | 64QAM | 1 | 25 | 21.68 | 21.74 | 21.54 | | |
| 10 | 64QAM | 1 | 49 | 21.68 | 21.63 | 21.44 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.19 | 21.04 | 22.2 | 0.5 |
| 10 | 64QAM | 25 | 12 | 20.98 | 21.19 | 20.99 | | |
| 10 | 64QAM | 25 | 25 | 21.00 | 21.10 | 21.02 | | |
| 10 | 64QAM | 50 | 0 | 21.03 | 21.03 | 20.91 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.80 | 21.86 | 21.78 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.66 | 21.60 | 21.53 | | |
| 5 | QPSK | 1 | 24 | 21.54 | 21.69 | 21.53 | | |
| 5 | QPSK | 12 | 0 | 21.60 | 21.70 | 21.47 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 21.47 | 21.47 | 21.29 | | |
| 5 | QPSK | 12 | 13 | 21.60 | 21.65 | 21.56 | | |
| 5 | QPSK | 25 | 0 | 21.63 | 21.70 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.50 | 21.45 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.73 | 21.64 | 21.58 | | |
| 5 | 16QAM | 1 | 24 | 21.65 | 21.51 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 21.64 | 21.55 | 21.44 | 22.7 | 0 |
| 5 | 16QAM | 12 | 7 | 21.60 | 21.52 | 21.46 | | |
| 5 | 16QAM | 12 | 13 | 21.60 | 21.74 | 21.62 | | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.54 | 21.58 | | |
| 5 | 64QAM | 1 | 0 | 21.66 | 21.47 | 21.50 | 22.7 | 0 |
| 5 | 64QAM | 1 | 12 | 21.64 | 21.77 | 21.46 | | |
| 5 | 64QAM | 1 | 24 | 21.62 | 21.61 | 21.46 | | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 0.5 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.11 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.05 | 21.17 | 21.10 | | |
| 5 | 64QAM | 25 | 0 | 20.98 | 21.05 | 20.91 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.85 | 21.81 | 21.68 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.59 | 21.49 | 21.49 | | |
| 3 | QPSK | 1 | 14 | 21.57 | 21.66 | 21.47 | | |
| 3 | QPSK | 8 | 0 | 21.52 | 21.75 | 21.57 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 21.47 | 21.52 | 21.32 | | |
| 3 | QPSK | 8 | 7 | 21.59 | 21.71 | 21.53 | | |
| 3 | QPSK | 15 | 0 | 21.69 | 21.62 | 21.52 | | |
| 3 | 16QAM | 1 | 0 | 21.69 | 21.50 | 21.42 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 21.68 | 21.63 | 21.60 | | |
| 3 | 16QAM | 1 | 14 | 21.65 | 21.56 | 21.52 | | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.49 | 21.46 | 22.7 | 0 |
| 3 | 16QAM | 8 | 4 | 21.55 | 21.47 | 21.36 | | |
| 3 | 16QAM | 8 | 7 | 21.53 | 21.73 | 21.55 | | |
| 3 | 16QAM | 15 | 0 | 21.53 | 21.48 | 21.47 | | |
| 3 | 64QAM | 1 | 0 | 21.64 | 21.49 | 21.54 | 22.7 | 0 |
| 3 | 64QAM | 1 | 8 | 21.70 | 21.73 | 21.53 | | |
| 3 | 64QAM | 1 | 14 | 21.67 | 21.66 | 21.45 | | |
| 3 | 64QAM | 8 | 0 | 21.15 | 21.13 | 21.03 | 22.2 | 0.5 |
| 3 | 64QAM | 8 | 4 | 21.05 | 21.18 | 21.02 | | |
| 3 | 64QAM | 8 | 7 | 21.07 | 21.16 | 21.09 | | |
| 3 | 64QAM | 15 | 0 | 21.07 | 21.08 | 20.93 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.88 | 21.78 | 21.74 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.57 | 21.57 | 21.50 | | |
| 1.4 | QPSK | 1 | 5 | 21.62 | 21.62 | 21.54 | | |
| 1.4 | QPSK | 3 | 0 | 21.57 | 21.77 | 21.55 | | |
| 1.4 | QPSK | 3 | 1 | 21.44 | 21.49 | 21.31 | | |
| 1.4 | QPSK | 3 | 3 | 21.62 | 21.66 | 21.47 | | |
| 1.4 | QPSK | 6 | 0 | 21.66 | 21.71 | 21.55 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.60 | 21.57 | 21.38 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.73 | 21.66 | 21.65 | | |
| 1.4 | 16QAM | 1 | 5 | 21.68 | 21.57 | 21.51 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.49 | 21.51 | | |
| 1.4 | 16QAM | 3 | 1 | 21.62 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 3 | 3 | 21.49 | 21.66 | 21.62 | | |
| 1.4 | 16QAM | 6 | 0 | 21.60 | 21.53 | 21.58 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.60 | 21.48 | 21.51 | 22.7 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.65 | 21.67 | 21.49 | | |
| 1.4 | 64QAM | 1 | 5 | 21.66 | 21.69 | 21.46 | | |
| 1.4 | 64QAM | 3 | 0 | 21.66 | 21.65 | 21.61 | | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.53 | 21.56 | | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.49 | 21.50 | | |
| 1.4 | 64QAM | 6 | 0 | 21.05 | 21.09 | 20.92 | 22.2 | 0.5 |

## Band 7 ENDC Ant 5 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 17.03 | 17.34 | 17.07 | 18.7 | 0 |
| 20 | QPSK | 1 | 49 | 17.21 | 17.12 | 17.17 | | |
| 20 | QPSK | 1 | 99 | 17.10 | 17.05 | 17.08 | | |
| 20 | QPSK | 50 | 0 | 17.16 | 17.32 | 17.24 | 18.7 | 0 |
| 20 | QPSK | 50 | 24 | 17.00 | 17.11 | 17.17 | | |
| 20 | QPSK | 50 | 50 | 17.19 | 17.12 | 17.01 | | |
| 20 | QPSK | 100 | 0 | 17.18 | 17.19 | 17.00 | | |
| 20 | 16QAM | 1 | 0 | 17.05 | 17.31 | 17.16 | 18.7 | 0 |
| 20 | 16QAM | 1 | 49 | 17.15 | 17.16 | 17.16 | | |
| 20 | 16QAM | 1 | 99 | 17.30 | 17.15 | 17.23 | | |
| 20 | 16QAM | 50 | 0 | 17.02 | 17.28 | 17.12 | 18.7 | 0 |
| 20 | 16QAM | 50 | 24 | 16.90 | 17.14 | 16.91 | | |
| 20 | 16QAM | 50 | 50 | 17.15 | 17.17 | 16.96 | | |
| 20 | 16QAM | 100 | 0 | 17.23 | 17.14 | 17.22 | | |
| 20 | 64QAM | 1 | 0 | 16.96 | 17.04 | 17.18 | 18.7 | 0 |
| 20 | 64QAM | 1 | 49 | 17.26 | 16.99 | 17.25 | | |
| 20 | 64QAM | 1 | 99 | 17.24 | 17.15 | 17.18 | | |
| 20 | 64QAM | 50 | 0 | 17.10 | 17.28 | 17.29 | 18.7 | 0 |
| 20 | 64QAM | 50 | 24 | 17.12 | 16.89 | 17.16 | | |
| 20 | 64QAM | 50 | 50 | 17.06 | 17.04 | 17.28 | | |
| 20 | 64QAM | 100 | 0 | 17.05 | 17.14 | 16.93 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.88 | 17.24 | 16.93 | 18.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.08 | 17.03 | 17.08 | | |
| 15 | QPSK | 1 | 74 | 17.03 | 16.91 | 17.02 | | |
| 15 | QPSK | 36 | 0 | 17.07 | 17.27 | 17.15 | 18.7 | 0 |
| 15 | QPSK | 36 | 20 | 16.93 | 17.01 | 17.05 | | |
| 15 | QPSK | 36 | 39 | 17.09 | 16.97 | 16.87 | | |
| 15 | QPSK | 75 | 0 | 17.05 | 17.12 | 16.91 | | |
| 15 | 16QAM | 1 | 0 | 16.94 | 17.21 | 17.10 | 18.7 | 0 |
| 15 | 16QAM | 1 | 37 | 17.01 | 17.08 | 17.02 | | |
| 15 | 16QAM | 1 | 74 | 17.25 | 17.07 | 17.11 | | |
| 15 | 16QAM | 36 | 0 | 16.89 | 17.18 | 16.97 | 18.7 | 0 |
| 15 | 16QAM | 36 | 20 | 16.82 | 17.02 | 16.81 | | |
| 15 | 16QAM | 36 | 39 | 17.06 | 17.11 | 16.86 | | |
| 15 | 16QAM | 75 | 0 | 17.16 | 17.07 | 17.16 | | |
| 15 | 64QAM | 1 | 0 | 16.89 | 16.96 | 17.12 | 18.7 | 0 |
| 15 | 64QAM | 1 | 37 | 17.21 | 16.88 | 17.14 | | |
| 15 | 64QAM | 1 | 74 | 17.17 | 17.06 | 17.12 | | |
| 15 | 64QAM | 36 | 0 | 16.97 | 17.13 | 17.22 | 18.7 | 0 |
| 15 | 64QAM | 36 | 20 | 17.04 | 16.75 | 17.09 | | |
| 15 | 64QAM | 36 | 39 | 16.91 | 16.92 | 17.19 | | |
| 15 | 64QAM | 75 | 0 | 16.91 | 17.08 | 16.85 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.91 | 17.23 | 17.00 | 18.7 | 0 |
| 10 | QPSK | 1 | 25 | 17.12 | 17.03 | 17.09 | | |
| 10 | QPSK | 1 | 49 | 17.04 | 16.98 | 16.99 | | |
| 10 | QPSK | 25 | 0 | 17.01 | 17.25 | 17.13 | 18.7 | 0 |
| 10 | QPSK | 25 | 12 | 16.90 | 17.04 | 17.09 | | |
| 10 | QPSK | 25 | 25 | 17.09 | 17.04 | 16.86 | | |
| 10 | QPSK | 50 | 0 | 17.12 | 17.09 | 16.93 | | |
| 10 | 16QAM | 1 | 0 | 16.97 | 17.18 | 17.04 | 18.7 | 0 |
| 10 | 16QAM | 1 | 25 | 17.02 | 17.05 | 17.06 | | |
| 10 | 16QAM | 1 | 49 | 17.20 | 17.09 | 17.16 | | |
| 10 | 16QAM | 25 | 0 | 16.93 | 17.21 | 17.03 | 18.7 | 0 |
| 10 | 16QAM | 25 | 12 | 16.82 | 17.00 | 16.77 | | |
| 10 | 16QAM | 25 | 25 | 17.03 | 17.03 | 16.82 | | |
| 10 | 16QAM | 50 | 0 | 17.14 | 17.00 | 17.08 | | |
| 10 | 64QAM | 1 | 0 | 16.91 | 16.93 | 17.09 | 18.7 | 0 |
| 10 | 64QAM | 1 | 25 | 17.19 | 16.90 | 17.15 | | |
| 10 | 64QAM | 1 | 49 | 17.18 | 17.00 | 17.12 | | |
| 10 | 64QAM | 25 | 0 | 16.97 | 17.15 | 17.21 | 18.7 | 0 |
| 10 | 64QAM | 25 | 12 | 17.02 | 16.80 | 17.08 | | |
| 10 | 64QAM | 25 | 25 | 16.96 | 16.98 | 17.18 | | |
| 10 | 64QAM | 50 | 0 | 16.93 | 17.00 | 16.84 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.93 | 17.25 | 16.97 | 18.7 | 0 |
| 5 | QPSK | 1 | 12 | 17.13 | 17.01 | 17.09 | | |
| 5 | QPSK | 1 | 24 | 17.01 | 17.00 | 16.98 | | |
| 5 | QPSK | 12 | 0 | 17.05 | 17.23 | 17.16 | 18.7 | 0 |
| 5 | QPSK | 12 | 7 | 16.85 | 16.96 | 17.08 | | |
| 5 | QPSK | 12 | 13 | 17.06 | 17.06 | 16.96 | | |
| 5 | QPSK | 25 | 0 | 17.12 | 17.05 | 16.86 | | |
| 5 | 16QAM | 1 | 0 | 16.96 | 17.20 | 17.08 | 18.7 | 0 |
| 5 | 16QAM | 1 | 12 | 17.01 | 17.08 | 17.10 | | |
| 5 | 16QAM | 1 | 24 | 17.20 | 17.03 | 17.10 | | |
| 5 | 16QAM | 12 | 0 | 16.94 | 17.15 | 17.01 | 18.7 | 0 |
| 5 | 16QAM | 12 | 7 | 16.76 | 17.05 | 16.81 | | |
| 5 | 16QAM | 12 | 13 | 17.08 | 17.11 | 16.91 | | |
| 5 | 16QAM | 25 | 0 | 17.09 | 17.05 | 17.11 | | |
| 5 | 64QAM | 1 | 0 | 16.82 | 16.90 | 17.07 | 18.7 | 0 |
| 5 | 64QAM | 1 | 12 | 17.12 | 16.84 | 17.12 | | |
| 5 | 64QAM | 1 | 24 | 17.18 | 17.04 | 17.05 | | |
| 5 | 64QAM | 12 | 0 | 17.02 | 17.20 | 17.22 | 18.7 | 0 |
| 5 | 64QAM | 12 | 7 | 16.98 | 16.78 | 17.03 | | |
| 5 | 64QAM | 12 | 13 | 16.96 | 16.89 | 17.19 | | |
| 5 | 64QAM | 25 | 0 | 16.93 | 17.06 | 16.86 | | |

GSM1900 Ant 6 DSI11

| 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 | 23.78 | 23.60 | 23.78 | 25.30 | 14.78 | 14.60 | 14.78 | 16.30 |
| GPRS 1 Tx slot | 23.74 | 23.54 | 23.65 | 25.30 | 14.74 | 14.54 | 14.65 | 16.30 |
| GPRS 2 Tx slots | 20.75 | 20.58 | 20.62 | 22.30 | 14.75 | 14.58 | 14.62 | 16.30 |
| GPRS 3 Tx slots | 18.70 | 18.61 | 18.65 | 20.50 | 14.44 | 14.35 | 14.39 | 16.24 |
| GPRS 4 Tx slots | 17.38 | 17.50 | 17.45 | 19.30 | 14.38 | 14.50 | 14.45 | 16.30 |
| EDGE 1 Tx slot | 23.80 | 23.51 | 23.57 | 25.30 | 14.80 | 14.51 | 14.57 | 16.30 |
| EDGE 2 Tx slots | 20.53 | 20.43 | 20.37 | 22.30 | 14.53 | 14.43 | 14.37 | 16.30 |
| EDGE 3 Tx slots | 18.70 | 18.53 | 18.70 | 20.50 | 14.44 | 14.27 | 14.44 | 16.24 |
| EDGE 4 Tx slots | 17.59 | 17.37 | 17.34 | 19.30 | 14.59 | 14.37 | 14.34 | 16.30 |

WCDMA II Ant 6 DSI11 / WCDMA IV Ant 6 DSI11

| 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 | 18.42 | 18.51 | 18.34 | 19.60 | 20.22 | 20.15 | 20.10 | 21.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 18.51 | 18.60 | 18.41 | 19.60 | 20.21 | 20.31 | 20.27 | 21.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.66 | 17.75 | 17.49 | 18.80 | 19.23 | 19.26 | 19.04 | 20.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 17.59 | 17.72 | 17.38 | 18.80 | 19.21 | 19.24 | 19.28 | 20.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 17.00 | 17.10 | 16.81 | 18.10 | 18.70 | 18.89 | 18.62 | 19.80 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 16.76 | 16.94 | 17.01 | 18.10 | 18.91 | 19.08 | 19.00 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 17.63 | 17.89 | 17.66 | 18.80 | 19.14 | 19.28 | 19.22 | 20.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 17.44 | 17.38 | 17.40 | 18.80 | 19.34 | 19.32 | 19.14 | 20.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 16.74 | 17.06 | 16.72 | 18.10 | 18.81 | 18.74 | 18.90 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 16.84 | 16.71 | 16.63 | 18.10 | 18.87 | 18.70 | 18.51 | 19.80 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 17.64 | 17.78 | 17.63 | 18.80 | 19.36 | 19.31 | 19.32 | 20.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 14.43 | 14.45 | 14.38 | 15.60 | 17.32 | 17.36 | 17.33 | 18.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.37 | 15.56 | 15.53 | 16.60 | 18.22 | 18.31 | 18.17 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 14.41 | 14.49 | 14.48 | 15.60 | 17.18 | 17.28 | 17.04 | 18.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 17.46 | 17.78 | 17.57 | 18.80 | 19.21 | 19.25 | 19.45 | 20.30 |

## Band 2 Ant 6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 18.39 | 18.52 | 18.38 | 19.9 | 0 |
| 20 | QPSK | 1 | 49 | 18.26 | 18.28 | 18.29 | | |
| 20 | QPSK | 1 | 99 | 18.37 | 18.44 | 18.28 | | |
| 20 | QPSK | 50 | 0 | 18.41 | 18.49 | 18.40 | 19.9 | 0 |
| 20 | QPSK | 50 | 24 | 18.28 | 18.26 | 18.13 | | |
| 20 | QPSK | 50 | 50 | 18.28 | 18.39 | 18.40 | | |
| 20 | QPSK | 100 | 0 | 18.35 | 18.41 | 18.40 | | |
| 20 | 16QAM | 1 | 0 | 18.20 | 18.31 | 18.29 | 19.9 | 0 |
| 20 | 16QAM | 1 | 49 | 18.27 | 18.48 | 18.35 | | |
| 20 | 16QAM | 1 | 99 | 18.35 | 18.44 | 18.27 | | |
| 20 | 16QAM | 50 | 0 | 18.31 | 18.37 | 18.18 | 19.9 | 0 |
| 20 | 16QAM | 50 | 24 | 18.26 | 18.41 | 18.24 | | |
| 20 | 16QAM | 50 | 50 | 18.34 | 18.40 | 18.33 | | |
| 20 | 16QAM | 100 | 0 | 18.17 | 18.40 | 18.27 | | |
| 20 | 64QAM | 1 | 0 | 18.16 | 18.28 | 18.19 | 19.9 | 0 |
| 20 | 64QAM | 1 | 49 | 18.40 | 18.49 | 18.40 | | |
| 20 | 64QAM | 1 | 99 | 18.28 | 18.37 | 18.37 | | |
| 20 | 64QAM | 50 | 0 | 18.26 | 18.31 | 18.37 | 19.9 | 0 |
| 20 | 64QAM | 50 | 24 | 18.30 | 18.37 | 18.38 | | |
| 20 | 64QAM | 50 | 50 | 18.21 | 18.36 | 18.31 | | |
| 20 | 64QAM | 100 | 0 | 18.34 | 18.33 | 18.28 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 18.28 | 18.44 | 18.28 | 19.9 | 0 |
| 15 | QPSK | 1 | 37 | 18.21 | 18.21 | 18.20 | | |
| 15 | QPSK | 1 | 74 | 18.32 | 18.31 | 18.21 | | |
| 15 | QPSK | 36 | 0 | 18.35 | 18.35 | 18.33 | 19.9 | 0 |
| 15 | QPSK | 36 | 20 | 18.21 | 18.17 | 18.01 | | |
| 15 | QPSK | 36 | 39 | 18.22 | 18.34 | 18.37 | | |
| 15 | QPSK | 75 | 0 | 18.26 | 18.30 | 18.31 | | |
| 15 | 16QAM | 1 | 0 | 18.12 | 18.18 | 18.24 | 19.9 | 0 |
| 15 | 16QAM | 1 | 37 | 18.20 | 18.41 | 18.23 | | |
| 15 | 16QAM | 1 | 74 | 18.25 | 18.40 | 18.18 | | |
| 15 | 16QAM | 36 | 0 | 18.18 | 18.28 | 18.12 | 19.9 | 0 |
| 15 | 16QAM | 36 | 20 | 18.19 | 18.36 | 18.10 | | |
| 15 | 16QAM | 36 | 39 | 18.28 | 18.35 | 18.20 | | |
| 15 | 16QAM | 75 | 0 | 18.13 | 18.30 | 18.18 | | |
| 15 | 64QAM | 1 | 0 | 18.09 | 18.22 | 18.05 | 19.9 | 0 |
| 15 | 64QAM | 1 | 37 | 18.29 | 18.39 | 18.25 | | |
| 15 | 64QAM | 1 | 74 | 18.15 | 18.32 | 18.28 | | |
| 15 | 64QAM | 36 | 0 | 18.18 | 18.25 | 18.23 | 19.9 | 0 |
| 15 | 64QAM | 36 | 20 | 18.22 | 18.24 | 18.30 | | |
| 15 | 64QAM | 36 | 39 | 18.07 | 18.29 | 18.25 | | |
| 15 | 64QAM | 75 | 0 | 18.28 | 18.22 | 18.17 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 18.28 | 18.49 | 18.27 | 19.9 | 0 |
| 10 | QPSK | 1 | 25 | 18.20 | 18.22 | 18.24 | | |
| 10 | QPSK | 1 | 49 | 18.25 | 18.33 | 18.18 | | |
| 10 | QPSK | 25 | 0 | 18.30 | 18.36 | 18.29 | 19.9 | 0 |
| 10 | QPSK | 25 | 12 | 18.24 | 18.20 | 18.04 | | |
| 10 | QPSK | 25 | 25 | 18.21 | 18.25 | 18.36 | | |
| 10 | QPSK | 50 | 0 | 18.30 | 18.28 | 18.33 | | |
| 10 | 16QAM | 1 | 0 | 18.05 | 18.25 | 18.26 | 19.9 | 0 |
| 10 | 16QAM | 1 | 25 | 18.20 | 18.39 | 18.26 | | |
| 10 | 16QAM | 1 | 49 | 18.29 | 18.31 | 18.18 | | |
| 10 | 16QAM | 25 | 0 | 18.16 | 18.27 | 18.06 | 19.9 | 0 |
| 10 | 16QAM | 25 | 12 | 18.18 | 18.33 | 18.20 | | |
| 10 | 16QAM | 25 | 25 | 18.22 | 18.28 | 18.29 | | |
| 10 | 16QAM | 50 | 0 | 18.13 | 18.36 | 18.20 | | |
| 10 | 64QAM | 1 | 0 | 18.03 | 18.18 | 18.05 | 19.9 | 0 |
| 10 | 64QAM | 1 | 25 | 18.29 | 18.44 | 18.35 | | |
| 10 | 64QAM | 1 | 49 | 18.21 | 18.26 | 18.30 | | |
| 10 | 64QAM | 25 | 0 | 18.13 | 18.18 | 18.23 | 19.9 | 0 |
| 10 | 64QAM | 25 | 12 | 18.26 | 18.24 | 18.25 | | |
| 10 | 64QAM | 25 | 25 | 18.14 | 18.25 | 18.17 | | |
| 10 | 64QAM | 50 | 0 | 18.25 | 18.30 | 18.22 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 18.25 | 18.43 | 18.31 | 19.9 | 0 |
| 5 | QPSK | 1 | 12 | 18.22 | 18.15 | 18.25 | | |
| 5 | QPSK | 1 | 24 | 18.28 | 18.33 | 18.22 | | |
| 5 | QPSK | 12 | 0 | 18.26 | 18.44 | 18.31 | 19.9 | 0 |
| 5 | QPSK | 12 | 7 | 18.19 | 18.19 | 18.02 | | |
| 5 | QPSK | 12 | 13 | 18.18 | 18.28 | 18.28 | | |
| 5 | QPSK | 25 | 0 | 18.29 | 18.30 | 18.29 | | |
| 5 | 16QAM | 1 | 0 | 18.09 | 18.16 | 18.24 | 19.9 | 0 |
| 5 | 16QAM | 1 | 12 | 18.15 | 18.36 | 18.27 | | |
| 5 | 16QAM | 1 | 24 | 18.30 | 18.36 | 18.23 | | |
| 5 | 16QAM | 12 | 0 | 18.19 | 18.28 | 18.14 | 19.9 | 0 |
| 5 | 16QAM | 12 | 7 | 18.22 | 18.30 | 18.19 | | |
| 5 | 16QAM | 12 | 13 | 18.28 | 18.30 | 18.22 | | |
| 5 | 16QAM | 25 | 0 | 18.09 | 18.36 | 18.12 | | |
| 5 | 64QAM | 1 | 0 | 18.06 | 18.17 | 18.12 | 19.9 | 0 |
| 5 | 64QAM | 1 | 12 | 18.31 | 18.42 | 18.34 | | |
| 5 | 64QAM | 1 | 24 | 18.20 | 18.26 | 18.26 | | |
| 5 | 64QAM | 12 | 0 | 18.12 | 18.16 | 18.24 | 19.9 | 0 |
| 5 | 64QAM | 12 | 7 | 18.18 | 18.32 | 18.34 | | |
| 5 | 64QAM | 12 | 13 | 18.09 | 18.30 | 18.23 | | |
| 5 | 64QAM | 25 | 0 | 18.27 | 18.20 | 18.24 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 18.26 | 18.38 | 18.23 | 19.9 | 0 |
| 3 | QPSK | 1 | 8 | 18.16 | 18.21 | 18.21 | | |
| 3 | QPSK | 1 | 14 | 18.29 | 18.31 | 18.24 | | |
| 3 | QPSK | 8 | 0 | 18.37 | 18.37 | 18.25 | 19.9 | 0 |
| 3 | QPSK | 8 | 4 | 18.22 | 18.14 | 18.03 | | |
| 3 | QPSK | 8 | 7 | 18.23 | 18.29 | 18.29 | | |
| 3 | QPSK | 15 | 0 | 18.22 | 18.38 | 18.25 | | |
| 3 | 16QAM | 1 | 0 | 18.07 | 18.25 | 18.18 | 19.9 | 0 |
| 3 | 16QAM | 1 | 8 | 18.14 | 18.42 | 18.23 | | |
| 3 | 16QAM | 1 | 14 | 18.28 | 18.29 | 18.14 | | |
| 3 | 16QAM | 8 | 0 | 18.24 | 18.27 | 18.05 | 19.9 | 0 |
| 3 | 16QAM | 8 | 4 | 18.17 | 18.32 | 18.16 | | |
| 3 | 16QAM | 8 | 7 | 18.30 | 18.36 | 18.18 | | |
| 3 | 16QAM | 15 | 0 | 18.06 | 18.27 | 18.14 | | |
| 3 | 64QAM | 1 | 0 | 18.04 | 18.20 | 18.08 | 19.9 | 0 |
| 3 | 64QAM | 1 | 8 | 18.36 | 18.34 | 18.25 | | |
| 3 | 64QAM | 1 | 14 | 18.14 | 18.28 | 18.30 | | |
| 3 | 64QAM | 8 | 0 | 18.14 | 18.22 | 18.27 | 19.9 | 0 |
| 3 | 64QAM | 8 | 4 | 18.19 | 18.22 | 18.29 | | |
| 3 | 64QAM | 8 | 7 | 18.08 | 18.30 | 18.19 | | |
| 3 | 64QAM | 15 | 0 | 18.24 | 18.29 | 18.16 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.25 | 18.46 | 18.34 | 19.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.16 | 18.16 | 18.19 | | |
| 1.4 | QPSK | 1 | 5 | 18.29 | 18.39 | 18.16 | | |
| 1.4 | QPSK | 3 | 0 | 18.37 | 18.34 | 18.26 | | |
| 1.4 | QPSK | 3 | 1 | 18.17 | 18.18 | 18.08 | | |
| 1.4 | QPSK | 3 | 3 | 18.13 | 18.33 | 18.26 | | |
| 1.4 | QPSK | 6 | 0 | 18.28 | 18.30 | 18.28 | 19.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.17 | 18.16 | 18.15 | 19.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.16 | 18.44 | 18.22 | | |
| 1.4 | 16QAM | 1 | 5 | 18.28 | 18.36 | 18.17 | | |
| 1.4 | 16QAM | 3 | 0 | 18.28 | 18.34 | 18.11 | | |
| 1.4 | 16QAM | 3 | 1 | 18.18 | 18.33 | 18.16 | | |
| 1.4 | 16QAM | 3 | 3 | 18.20 | 18.29 | 18.28 | | |
| 1.4 | 16QAM | 6 | 0 | 18.09 | 18.31 | 18.19 | 19.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.08 | 18.13 | 18.04 | 19.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.36 | 18.39 | 18.30 | | |
| 1.4 | 64QAM | 1 | 5 | 18.16 | 18.33 | 18.27 | | |
| 1.4 | 64QAM | 3 | 0 | 18.12 | 18.27 | 18.26 | | |
| 1.4 | 64QAM | 3 | 1 | 18.19 | 18.32 | 18.29 | | |
| 1.4 | 64QAM | 3 | 3 | 18.12 | 18.30 | 18.20 | | |
| 1.4 | 64QAM | 6 | 0 | 18.21 | 18.24 | 18.22 | 19.9 | 0 |

## Band 4 Ant 6 DSI11

| BW [MHz] | 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 | 20.03 | 20.11 | 19.95 | 21.3 | 0 |
| 20 | QPSK | 1 | 49 | 19.88 | 19.91 | 19.86 | | |
| 20 | QPSK | 1 | 99 | 19.98 | 19.82 | 19.94 | | |
| 20 | QPSK | 50 | 0 | 20.01 | 20.03 | 20.02 | 21.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.91 | 19.88 | 20.01 | | |
| 20 | QPSK | 50 | 50 | 19.93 | 19.90 | 20.01 | | |
| 20 | QPSK | 100 | 0 | 19.72 | 19.90 | 19.81 | | |
| 20 | 16QAM | 1 | 0 | 19.86 | 19.92 | 19.94 | 21.3 | 0 |
| 20 | 16QAM | 1 | 49 | 19.90 | 20.04 | 19.97 | | |
| 20 | 16QAM | 1 | 99 | 19.95 | 20.05 | 19.93 | | |
| 20 | 16QAM | 50 | 0 | 20.01 | 19.93 | 19.74 | 21.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.89 | 20.08 | 19.87 | | |
| 20 | 16QAM | 50 | 50 | 19.90 | 19.93 | 19.99 | | |
| 20 | 16QAM | 100 | 0 | 19.88 | 20.05 | 19.93 | | |
| 20 | 64QAM | 1 | 0 | 19.80 | 19.80 | 19.80 | 21.3 | 0 |
| 20 | 64QAM | 1 | 49 | 20.00 | 20.10 | 20.05 | | |
| 20 | 64QAM | 1 | 99 | 19.83 | 19.96 | 20.01 | | |
| 20 | 64QAM | 50 | 0 | 19.94 | 19.96 | 20.05 | 21.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.99 | 20.07 | 20.05 | | |
| 20 | 64QAM | 50 | 50 | 19.84 | 20.02 | 19.96 | | |
| 20 | 64QAM | 100 | 0 | 19.97 | 19.96 | 20.00 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.89 | 20.07 | 19.89 | 21.3 | 0 |
| 15 | QPSK | 1 | 37 | 19.82 | 19.81 | 19.75 | | |
| 15 | QPSK | 1 | 74 | 19.90 | 19.71 | 19.84 | | |
| 15 | QPSK | 36 | 0 | 19.99 | 19.89 | 19.93 | 21.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.78 | 19.84 | 19.99 | | |
| 15 | QPSK | 36 | 39 | 19.86 | 19.82 | 19.98 | | |
| 15 | QPSK | 75 | 0 | 19.62 | 19.81 | 19.72 | | |
| 15 | 16QAM | 1 | 0 | 19.74 | 19.82 | 19.84 | 21.3 | 0 |
| 15 | 16QAM | 1 | 37 | 19.76 | 19.95 | 19.84 | | |
| 15 | 16QAM | 1 | 74 | 19.87 | 19.96 | 19.81 | | |
| 15 | 16QAM | 36 | 0 | 19.98 | 19.81 | 19.63 | 21.3 | 0 |
| 15 | 16QAM | 36 | 20 | 19.81 | 20.04 | 19.76 | | |
| 15 | 16QAM | 36 | 39 | 19.80 | 19.79 | 19.85 | | |
| 15 | 16QAM | 75 | 0 | 19.74 | 20.01 | 19.78 | | |
| 15 | 64QAM | 1 | 0 | 19.66 | 19.74 | 19.77 | 21.3 | 0 |
| 15 | 64QAM | 1 | 37 | 19.92 | 20.02 | 19.95 | | |
| 15 | 64QAM | 1 | 74 | 19.79 | 19.87 | 19.95 | | |
| 15 | 64QAM | 36 | 0 | 19.87 | 19.85 | 19.95 | 21.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.87 | 19.93 | 19.94 | | |
| 15 | 64QAM | 36 | 39 | 19.81 | 19.90 | 19.85 | | |
| 15 | 64QAM | 75 | 0 | 19.90 | 19.85 | 19.96 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.91 | 19.97 | 19.86 | 21.3 | 0 |
| 10 | QPSK | 1 | 25 | 19.82 | 19.86 | 19.73 | | |
| 10 | QPSK | 1 | 49 | 19.92 | 19.68 | 19.81 | | |
| 10 | QPSK | 25 | 0 | 19.99 | 19.89 | 20.01 | 21.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.86 | 19.78 | 19.96 | | |
| 10 | QPSK | 25 | 25 | 19.82 | 19.76 | 19.96 | | |
| 10 | QPSK | 50 | 0 | 19.65 | 19.87 | 19.70 | | |
| 10 | 16QAM | 1 | 0 | 19.78 | 19.82 | 19.87 | 21.3 | 0 |
| 10 | 16QAM | 1 | 25 | 19.80 | 19.95 | 19.92 | | |
| 10 | 16QAM | 1 | 49 | 19.88 | 20.02 | 19.80 | | |
| 10 | 16QAM | 25 | 0 | 19.94 | 19.79 | 19.70 | 21.3 | 0 |
| 10 | 16QAM | 25 | 12 | 19.83 | 19.98 | 19.82 | | |
| 10 | 16QAM | 25 | 25 | 19.84 | 19.88 | 19.94 | | |
| 10 | 16QAM | 50 | 0 | 19.85 | 20.01 | 19.85 | | |
| 10 | 64QAM | 1 | 0 | 19.77 | 19.75 | 19.70 | 21.3 | 0 |
| 10 | 64QAM | 1 | 25 | 19.89 | 19.97 | 19.93 | | |
| 10 | 64QAM | 1 | 49 | 19.77 | 19.86 | 19.98 | | |
| 10 | 64QAM | 25 | 0 | 19.89 | 19.87 | 20.00 | 21.3 | 0 |
| 10 | 64QAM | 25 | 12 | 19.93 | 19.96 | 19.90 | | |
| 10 | 64QAM | 25 | 25 | 19.78 | 19.90 | 19.89 | | |
| 10 | 64QAM | 50 | 0 | 19.89 | 19.84 | 19.95 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.95 | 20.02 | 19.87 | 21.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.83 | 19.81 | 19.72 | | |
| 5 | QPSK | 1 | 24 | 19.88 | 19.68 | 19.88 | | |
| 5 | QPSK | 12 | 0 | 19.97 | 19.97 | 20.02 | 21.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.77 | 19.80 | 20.04 | | |
| 5 | QPSK | 12 | 13 | 19.83 | 19.78 | 19.92 | | |
| 5 | QPSK | 25 | 0 | 19.64 | 19.81 | 19.70 | | |
| 5 | 16QAM | 1 | 0 | 19.79 | 19.81 | 19.84 | 21.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.84 | 19.97 | 19.91 | | |
| 5 | 16QAM | 1 | 24 | 19.89 | 19.97 | 19.90 | | |
| 5 | 16QAM | 12 | 0 | 19.89 | 19.88 | 19.59 | 21.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.80 | 19.97 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.76 | 19.80 | 19.85 | | |
| 5 | 16QAM | 25 | 0 | 19.74 | 19.96 | 19.79 | | |
| 5 | 64QAM | 1 | 0 | 19.68 | 19.73 | 19.72 | 21.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.05 | 19.97 | | |
| 5 | 64QAM | 1 | 24 | 19.69 | 19.90 | 19.88 | | |
| 5 | 64QAM | 12 | 0 | 19.81 | 19.87 | 19.97 | 21.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.87 | 19.96 | 19.95 | | |
| 5 | 64QAM | 12 | 13 | 19.69 | 19.97 | 19.82 | | |
| 5 | 64QAM | 25 | 0 | 19.89 | 19.83 | 19.86 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.96 | 19.99 | 19.89 | 21.3 | 0 |
| 3 | QPSK | 1 | 8 | 19.79 | 19.85 | 19.75 | | |
| 3 | QPSK | 1 | 14 | 19.89 | 19.74 | 19.88 | | |
| 3 | QPSK | 8 | 0 | 20.00 | 19.95 | 19.94 | 21.3 | 0 |
| 3 | QPSK | 8 | 4 | 19.87 | 19.74 | 20.05 | | |
| 3 | QPSK | 8 | 7 | 19.88 | 19.84 | 19.86 | | |
| 3 | QPSK | 15 | 0 | 19.68 | 19.77 | 19.71 | | |
| 3 | 16QAM | 1 | 0 | 19.77 | 19.88 | 19.90 | 21.3 | 0 |
| 3 | 16QAM | 1 | 8 | 19.78 | 19.91 | 19.85 | | |
| 3 | 16QAM | 1 | 14 | 19.86 | 19.94 | 19.87 | | |
| 3 | 16QAM | 8 | 0 | 19.92 | 19.85 | 19.70 | 21.3 | 0 |
| 3 | 16QAM | 8 | 4 | 19.85 | 20.01 | 19.79 | | |
| 3 | 16QAM | 8 | 7 | 19.86 | 19.84 | 19.85 | | |
| 3 | 16QAM | 15 | 0 | 19.78 | 19.99 | 19.79 | | |
| 3 | 64QAM | 1 | 0 | 19.76 | 19.70 | 19.74 | 21.3 | 0 |
| 3 | 64QAM | 1 | 8 | 19.89 | 20.03 | 19.92 | | |
| 3 | 64QAM | 1 | 14 | 19.71 | 19.89 | 19.90 | | |
| 3 | 64QAM | 8 | 0 | 19.87 | 19.86 | 20.02 | 21.3 | 0 |
| 3 | 64QAM | 8 | 4 | 19.86 | 19.95 | 19.98 | | |
| 3 | 64QAM | 8 | 7 | 19.76 | 19.90 | 19.87 | | |
| 3 | 64QAM | 15 | 0 | 19.87 | 19.88 | 19.88 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.93 | 20.05 | 19.85 | 21.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.84 | 19.85 | 19.83 | | |
| 1.4 | QPSK | 1 | 5 | 19.83 | 19.75 | 19.83 | | |
| 1.4 | QPSK | 3 | 0 | 19.89 | 19.94 | 19.95 | | |
| 1.4 | QPSK | 3 | 1 | 19.85 | 19.82 | 20.00 | | |
| 1.4 | QPSK | 3 | 3 | 19.80 | 19.78 | 19.97 | | |
| 1.4 | QPSK | 6 | 0 | 19.66 | 19.82 | 19.75 | 21.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.74 | 19.82 | 19.80 | 21.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.86 | 19.99 | 19.86 | | |
| 1.4 | 16QAM | 1 | 5 | 19.81 | 19.98 | 19.84 | | |
| 1.4 | 16QAM | 3 | 0 | 19.93 | 19.88 | 19.60 | | |
| 1.4 | 16QAM | 3 | 1 | 19.84 | 20.02 | 19.84 | | |
| 1.4 | 16QAM | 3 | 3 | 19.77 | 19.78 | 19.89 | | |
| 1.4 | 16QAM | 6 | 0 | 19.76 | 19.90 | 19.82 | 21.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.72 | 19.69 | 19.72 | 21.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.88 | 20.04 | 19.95 | | |
| 1.4 | 64QAM | 1 | 5 | 19.78 | 19.88 | 19.90 | | |
| 1.4 | 64QAM | 3 | 0 | 19.88 | 19.92 | 20.01 | | |
| 1.4 | 64QAM | 3 | 1 | 19.86 | 19.93 | 19.93 | | |
| 1.4 | 64QAM | 3 | 3 | 19.74 | 19.93 | 19.93 | | |
| 1.4 | 64QAM | 6 | 0 | 19.91 | 19.86 | 19.86 | 21.3 | 0 |

## Band 7 Ant 6 DSI11

| BW [MHz] | 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 | 15.47 | 15.69 | 15.58 | 16.6 | 0 |
| 20 | QPSK | 1 | 49 | 15.26 | 15.37 | 15.35 | | |
| 20 | QPSK | 1 | 99 | 15.42 | 15.46 | 15.38 | | |
| 20 | QPSK | 50 | 0 | 15.42 | 15.53 | 15.45 | 16.6 | 0 |
| 20 | QPSK | 50 | 24 | 15.29 | 15.46 | 15.31 | | |
| 20 | QPSK | 50 | 50 | 15.45 | 15.46 | 15.45 | | |
| 20 | QPSK | 100 | 0 | 15.43 | 15.50 | 15.47 | | |
| 20 | 16QAM | 1 | 0 | 15.31 | 15.40 | 15.32 | 16.6 | 0 |
| 20 | 16QAM | 1 | 49 | 15.42 | 15.56 | 15.44 | | |
| 20 | 16QAM | 1 | 99 | 15.45 | 15.56 | 15.34 | | |
| 20 | 16QAM | 50 | 0 | 15.38 | 15.46 | 15.34 | 16.6 | 0 |
| 20 | 16QAM | 50 | 24 | 15.38 | 15.52 | 15.29 | | |
| 20 | 16QAM | 50 | 50 | 15.38 | 15.49 | 15.41 | | |
| 20 | 16QAM | 100 | 0 | 15.30 | 15.52 | 15.40 | | |
| 20 | 64QAM | 1 | 0 | 15.32 | 15.37 | 15.30 | 16.6 | 0 |
| 20 | 64QAM | 1 | 49 | 15.53 | 15.59 | 15.59 | | |
| 20 | 64QAM | 1 | 99 | 15.31 | 15.41 | 15.39 | | |
| 20 | 64QAM | 50 | 0 | 15.31 | 15.49 | 15.41 | 16.6 | 0 |
| 20 | 64QAM | 50 | 24 | 15.42 | 15.54 | 15.39 | | |
| 20 | 64QAM | 50 | 50 | 15.29 | 15.41 | 15.35 | | |
| 20 | 64QAM | 100 | 0 | 15.37 | 15.50 | 15.41 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 15.37 | 15.61 | 15.55 | 16.6 | 0 |
| 15 | QPSK | 1 | 37 | 15.13 | 15.22 | 15.28 | | |
| 15 | QPSK | 1 | 74 | 15.28 | 15.37 | 15.28 | | |
| 15 | QPSK | 36 | 0 | 15.34 | 15.39 | 15.33 | 16.6 | 0 |
| 15 | QPSK | 36 | 20 | 15.22 | 15.38 | 15.21 | | |
| 15 | QPSK | 36 | 39 | 15.39 | 15.35 | 15.38 | | |
| 15 | QPSK | 75 | 0 | 15.39 | 15.40 | 15.40 | | |
| 15 | 16QAM | 1 | 0 | 15.17 | 15.30 | 15.21 | 16.6 | 0 |
| 15 | 16QAM | 1 | 37 | 15.33 | 15.42 | 15.34 | | |
| 15 | 16QAM | 1 | 74 | 15.37 | 15.44 | 15.25 | | |
| 15 | 16QAM | 36 | 0 | 15.33 | 15.42 | 15.29 | 16.6 | 0 |
| 15 | 16QAM | 36 | 20 | 15.23 | 15.41 | 15.24 | | |
| 15 | 16QAM | 36 | 39 | 15.27 | 15.44 | 15.38 | | |
| 15 | 16QAM | 75 | 0 | 15.18 | 15.39 | 15.25 | | |
| 15 | 64QAM | 1 | 0 | 15.27 | 15.28 | 15.16 | 16.6 | 0 |
| 15 | 64QAM | 1 | 37 | 15.39 | 15.55 | 15.44 | | |
| 15 | 64QAM | 1 | 74 | 15.20 | 15.36 | 15.26 | | |
| 15 | 64QAM | 36 | 0 | 15.20 | 15.45 | 15.29 | 16.6 | 0 |
| 15 | 64QAM | 36 | 20 | 15.30 | 15.41 | 15.33 | | |
| 15 | 64QAM | 36 | 39 | 15.24 | 15.36 | 15.24 | | |
| 15 | 64QAM | 75 | 0 | 15.28 | 15.38 | 15.35 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 15.37 | 15.58 | 15.45 | 16.6 | 0 |
| 10 | QPSK | 1 | 25 | 15.21 | 15.27 | 15.27 | | |
| 10 | QPSK | 1 | 49 | 15.35 | 15.32 | 15.34 | | |
| 10 | QPSK | 25 | 0 | 15.38 | 15.39 | 15.31 | 16.6 | 0 |
| 10 | QPSK | 25 | 12 | 15.21 | 15.39 | 15.16 | | |
| 10 | QPSK | 25 | 25 | 15.41 | 15.36 | 15.40 | | |
| 10 | QPSK | 50 | 0 | 15.40 | 15.39 | 15.38 | | |
| 10 | 16QAM | 1 | 0 | 15.19 | 15.35 | 15.19 | 16.6 | 0 |
| 10 | 16QAM | 1 | 25 | 15.34 | 15.48 | 15.31 | | |
| 10 | 16QAM | 1 | 49 | 15.36 | 15.44 | 15.25 | | |
| 10 | 16QAM | 25 | 0 | 15.33 | 15.38 | 15.20 | 16.6 | 0 |
| 10 | 16QAM | 25 | 12 | 15.29 | 15.41 | 15.15 | | |
| 10 | 16QAM | 25 | 25 | 15.33 | 15.39 | 15.31 | | |
| 10 | 16QAM | 50 | 0 | 15.24 | 15.49 | 15.28 | | |
| 10 | 64QAM | 1 | 0 | 15.20 | 15.31 | 15.26 | 16.6 | 0 |
| 10 | 64QAM | 1 | 25 | 15.39 | 15.50 | 15.45 | | |
| 10 | 64QAM | 1 | 49 | 15.22 | 15.29 | 15.32 | | |
| 10 | 64QAM | 25 | 0 | 15.19 | 15.40 | 15.34 | 16.6 | 0 |
| 10 | 64QAM | 25 | 12 | 15.30 | 15.44 | 15.32 | | |
| 10 | 64QAM | 25 | 25 | 15.20 | 15.31 | 15.31 | | |
| 10 | 64QAM | 50 | 0 | 15.26 | 15.39 | 15.32 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 15.39 | 15.64 | 15.53 | 16.6 | 0 |
| 5 | QPSK | 1 | 12 | 15.14 | 15.29 | 15.21 | | |
| 5 | QPSK | 1 | 24 | 15.32 | 15.33 | 15.23 | | |
| 5 | QPSK | 12 | 0 | 15.35 | 15.45 | 15.41 | 16.6 | 0 |
| 5 | QPSK | 12 | 7 | 15.19 | 15.41 | 15.23 | | |
| 5 | QPSK | 12 | 13 | 15.35 | 15.36 | 15.31 | | |
| 5 | QPSK | 25 | 0 | 15.38 | 15.46 | 15.40 | | |
| 5 | 16QAM | 1 | 0 | 15.26 | 15.34 | 15.29 | 16.6 | 0 |
| 5 | 16QAM | 1 | 12 | 15.28 | 15.49 | 15.34 | | |
| 5 | 16QAM | 1 | 24 | 15.31 | 15.42 | 15.20 | | |
| 5 | 16QAM | 12 | 0 | 15.26 | 15.40 | 15.27 | 16.6 | 0 |
| 5 | 16QAM | 12 | 7 | 15.28 | 15.37 | 15.25 | | |
| 5 | 16QAM | 12 | 13 | 15.25 | 15.35 | 15.34 | | |
| 5 | 16QAM | 25 | 0 | 15.23 | 15.40 | 15.28 | | |
| 5 | 64QAM | 1 | 0 | 15.21 | 15.24 | 15.23 | 16.6 | 0 |
| 5 | 64QAM | 1 | 12 | 15.41 | 15.46 | 15.55 | | |
| 5 | 64QAM | 1 | 24 | 15.18 | 15.35 | 15.27 | | |
| 5 | 64QAM | 12 | 0 | 15.17 | 15.45 | 15.35 | 16.6 | 0 |
| 5 | 64QAM | 12 | 7 | 15.28 | 15.40 | 15.34 | | |
| 5 | 64QAM | 12 | 13 | 15.14 | 15.33 | 15.21 | | |
| 5 | 64QAM | 25 | 0 | 15.28 | 15.45 | 15.28 | | |

## Band 25 Ant 6 DSI11

| BW [MHz] | 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 | 18.57 | 18.75 | 18.65 | 19.9 | 0 |
| 20 | QPSK | 1 | 49 | 18.63 | 18.50 | 18.51 | | |
| 20 | QPSK | 1 | 99 | 18.52 | 18.54 | 18.46 | | |
| 20 | QPSK | 50 | 0 | 18.57 | 18.64 | 18.54 | 19.9 | 0 |
| 20 | QPSK | 50 | 24 | 18.43 | 18.57 | 18.38 | | |
| 20 | QPSK | 50 | 50 | 18.54 | 18.55 | 18.58 | | |
| 20 | QPSK | 100 | 0 | 18.58 | 18.61 | 18.60 | | |
| 20 | 16QAM | 1 | 0 | 18.45 | 18.46 | 18.45 | 19.9 | 0 |
| 20 | 16QAM | 1 | 49 | 18.53 | 18.70 | 18.58 | | |
| 20 | 16QAM | 1 | 99 | 18.52 | 18.63 | 18.40 | | |
| 20 | 16QAM | 50 | 0 | 18.48 | 18.57 | 18.41 | 19.9 | 0 |
| 20 | 16QAM | 50 | 24 | 18.50 | 18.59 | 18.40 | | |
| 20 | 16QAM | 50 | 50 | 18.54 | 18.65 | 18.49 | | |
| 20 | 16QAM | 100 | 0 | 18.36 | 18.60 | 18.55 | | |
| 20 | 64QAM | 1 | 0 | 18.41 | 18.44 | 18.35 | 19.9 | 0 |
| 20 | 64QAM | 1 | 49 | 18.59 | 18.70 | 18.66 | | |
| 20 | 64QAM | 1 | 99 | 18.47 | 18.56 | 18.56 | | |
| 20 | 64QAM | 50 | 0 | 18.36 | 18.61 | 18.55 | 19.9 | 0 |
| 20 | 64QAM | 50 | 24 | 18.51 | 18.65 | 18.52 | | |
| 20 | 64QAM | 50 | 50 | 18.38 | 18.51 | 18.49 | | |
| 20 | 64QAM | 100 | 0 | 18.48 | 18.60 | 18.52 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 18.49 | 18.70 | 18.58 | 19.9 | 0 |
| 15 | QPSK | 1 | 37 | 18.53 | 18.40 | 18.38 | | |
| 15 | QPSK | 1 | 74 | 18.46 | 18.50 | 18.35 | | |
| 15 | QPSK | 36 | 0 | 18.47 | 18.50 | 18.42 | 19.9 | 0 |
| 15 | QPSK | 36 | 20 | 18.34 | 18.46 | 18.28 | | |
| 15 | QPSK | 36 | 39 | 18.44 | 18.50 | 18.49 | | |
| 15 | QPSK | 75 | 0 | 18.52 | 18.51 | 18.55 | | |
| 15 | 16QAM | 1 | 0 | 18.32 | 18.36 | 18.40 | 19.9 | 0 |
| 15 | 16QAM | 1 | 37 | 18.39 | 18.56 | 18.50 | | |
| 15 | 16QAM | 1 | 74 | 18.38 | 18.57 | 18.31 | | |
| 15 | 16QAM | 36 | 0 | 18.36 | 18.45 | 18.32 | 19.9 | 0 |
| 15 | 16QAM | 36 | 20 | 18.44 | 18.47 | 18.31 | | |
| 15 | 16QAM | 36 | 39 | 18.50 | 18.54 | 18.36 | | |
| 15 | 16QAM | 75 | 0 | 18.29 | 18.57 | 18.48 | | |
| 15 | 64QAM | 1 | 0 | 18.36 | 18.30 | 18.28 | 19.9 | 0 |
| 15 | 64QAM | 1 | 37 | 18.45 | 18.55 | 18.62 | | |
| 15 | 64QAM | 1 | 74 | 18.40 | 18.46 | 18.47 | | |
| 15 | 64QAM | 36 | 0 | 18.30 | 18.56 | 18.43 | 19.9 | 0 |
| 15 | 64QAM | 36 | 20 | 18.42 | 18.62 | 18.37 | | |
| 15 | 64QAM | 36 | 39 | 18.27 | 18.40 | 18.38 | | |
| 15 | 64QAM | 75 | 0 | 18.35 | 18.49 | 18.48 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 18.53 | 18.64 | 18.61 | 19.9 | 0 |
| 10 | QPSK | 1 | 25 | 18.48 | 18.40 | 18.40 | | |
| 10 | QPSK | 1 | 49 | 18.41 | 18.49 | 18.31 | | |
| 10 | QPSK | 25 | 0 | 18.50 | 18.53 | 18.39 | 19.9 | 0 |
| 10 | QPSK | 25 | 12 | 18.29 | 18.50 | 18.28 | | |
| 10 | QPSK | 25 | 25 | 18.50 | 18.45 | 18.51 | | |
| 10 | QPSK | 50 | 0 | 18.49 | 18.47 | 18.55 | 19.9 | 0 |
| 10 | 16QAM | 1 | 0 | 18.33 | 18.34 | 18.34 | | |
| 10 | 16QAM | 1 | 25 | 18.39 | 18.63 | 18.51 | | |
| 10 | 16QAM | 1 | 49 | 18.44 | 18.56 | 18.27 | | |
| 10 | 16QAM | 25 | 0 | 18.37 | 18.49 | 18.31 | 19.9 | 0 |
| 10 | 16QAM | 25 | 12 | 18.45 | 18.55 | 18.28 | | |
| 10 | 16QAM | 25 | 25 | 18.48 | 18.55 | 18.40 | | |
| 10 | 16QAM | 50 | 0 | 18.26 | 18.54 | 18.45 | | |
| 10 | 64QAM | 1 | 0 | 18.29 | 18.30 | 18.25 | 19.9 | 0 |
| 10 | 64QAM | 1 | 25 | 18.51 | 18.64 | 18.62 | | |
| 10 | 64QAM | 1 | 49 | 18.44 | 18.46 | 18.47 | | |
| 10 | 64QAM | 25 | 0 | 18.31 | 18.50 | 18.48 | 19.9 | 0 |
| 10 | 64QAM | 25 | 12 | 18.46 | 18.62 | 18.39 | | |
| 10 | 64QAM | 25 | 25 | 18.27 | 18.40 | 18.42 | | |
| 10 | 64QAM | 50 | 0 | 18.45 | 18.52 | 18.49 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 18.44 | 18.68 | 18.54 | 19.9 | 0 |
| 5 | QPSK | 1 | 12 | 18.51 | 18.46 | 18.43 | | |
| 5 | QPSK | 1 | 24 | 18.42 | 18.39 | 18.34 | | |
| 5 | QPSK | 12 | 0 | 18.46 | 18.60 | 18.45 | 19.9 | 0 |
| 5 | QPSK | 12 | 7 | 18.29 | 18.53 | 18.32 | | |
| 5 | QPSK | 12 | 13 | 18.49 | 18.45 | 18.55 | | |
| 5 | QPSK | 25 | 0 | 18.54 | 18.58 | 18.52 | | |
| 5 | 16QAM | 1 | 0 | 18.39 | 18.42 | 18.34 | 19.9 | 0 |
| 5 | 16QAM | 1 | 12 | 18.39 | 18.64 | 18.53 | | |
| 5 | 16QAM | 1 | 24 | 18.41 | 18.57 | 18.30 | | |
| 5 | 16QAM | 12 | 0 | 18.38 | 18.50 | 18.27 | 19.9 | 0 |
| 5 | 16QAM | 12 | 7 | 18.36 | 18.47 | 18.33 | | |
| 5 | 16QAM | 12 | 13 | 18.47 | 18.56 | 18.40 | | |
| 5 | 16QAM | 25 | 0 | 18.25 | 18.52 | 18.49 | | |
| 5 | 64QAM | 1 | 0 | 18.28 | 18.38 | 18.25 | 19.9 | 0 |
| 5 | 64QAM | 1 | 12 | 18.54 | 18.60 | 18.51 | | |
| 5 | 64QAM | 1 | 24 | 18.33 | 18.45 | 18.53 | | |
| 5 | 64QAM | 12 | 0 | 18.29 | 18.48 | 18.48 | 19.9 | 0 |
| 5 | 64QAM | 12 | 7 | 18.41 | 18.61 | 18.37 | | |
| 5 | 64QAM | 12 | 13 | 18.24 | 18.42 | 18.45 | | |
| 5 | 64QAM | 25 | 0 | 18.42 | 18.53 | 18.38 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 18.45 | 18.63 | 18.57 | 19.9 | 0 |
| 3 | QPSK | 1 | 8 | 18.57 | 18.40 | 18.41 | | |
| 3 | QPSK | 1 | 14 | 18.44 | 18.43 | 18.33 | | |
| 3 | QPSK | 8 | 0 | 18.45 | 18.59 | 18.41 | 19.9 | 0 |
| 3 | QPSK | 8 | 4 | 18.35 | 18.52 | 18.23 | | |
| 3 | QPSK | 8 | 7 | 18.48 | 18.51 | 18.46 | | |
| 3 | QPSK | 15 | 0 | 18.44 | 18.46 | 18.48 | | |
| 3 | 16QAM | 1 | 0 | 18.32 | 18.42 | 18.39 | 19.9 | 0 |
| 3 | 16QAM | 1 | 8 | 18.48 | 18.58 | 18.51 | | |
| 3 | 16QAM | 1 | 14 | 18.48 | 18.49 | 18.28 | | |
| 3 | 16QAM | 8 | 0 | 18.38 | 18.45 | 18.34 | 19.9 | 0 |
| 3 | 16QAM | 8 | 4 | 18.35 | 18.46 | 18.27 | | |
| 3 | 16QAM | 8 | 7 | 18.40 | 18.62 | 18.34 | | |
| 3 | 16QAM | 15 | 0 | 18.23 | 18.56 | 18.44 | | |
| 3 | 64QAM | 1 | 0 | 18.34 | 18.37 | 18.31 | 19.9 | 0 |
| 3 | 64QAM | 1 | 8 | 18.50 | 18.59 | 18.61 | | |
| 3 | 64QAM | 1 | 14 | 18.44 | 18.43 | 18.49 | | |
| 3 | 64QAM | 8 | 0 | 18.21 | 18.56 | 18.50 | 19.9 | 0 |
| 3 | 64QAM | 8 | 4 | 18.47 | 18.52 | 18.41 | | |
| 3 | 64QAM | 8 | 7 | 18.31 | 18.43 | 18.44 | | |
| 3 | 64QAM | 15 | 0 | 18.40 | 18.54 | 18.39 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.51 | 18.70 | 18.50 | 19.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.58 | 18.40 | 18.42 | | |
| 1.4 | QPSK | 1 | 5 | 18.40 | 18.50 | 18.34 | | |
| 1.4 | QPSK | 3 | 0 | 18.53 | 18.50 | 18.50 | | |
| 1.4 | QPSK | 3 | 1 | 18.34 | 18.51 | 18.34 | | |
| 1.4 | QPSK | 3 | 3 | 18.44 | 18.50 | 18.46 | | |
| 1.4 | QPSK | 6 | 0 | 18.44 | 18.58 | 18.47 | 19.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.36 | 18.32 | 18.34 | 19.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.44 | 18.63 | 18.46 | | |
| 1.4 | 16QAM | 1 | 5 | 18.44 | 18.58 | 18.30 | | |
| 1.4 | 16QAM | 3 | 0 | 18.41 | 18.45 | 18.36 | | |
| 1.4 | 16QAM | 3 | 1 | 18.39 | 18.55 | 18.31 | | |
| 1.4 | 16QAM | 3 | 3 | 18.48 | 18.55 | 18.44 | | |
| 1.4 | 16QAM | 6 | 0 | 18.28 | 18.47 | 18.49 | 19.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.31 | 18.40 | 18.26 | 19.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.54 | 18.58 | 18.54 | | |
| 1.4 | 64QAM | 1 | 5 | 18.34 | 18.49 | 18.49 | | |
| 1.4 | 64QAM | 3 | 0 | 18.30 | 18.53 | 18.42 | | |
| 1.4 | 64QAM | 3 | 1 | 18.41 | 18.61 | 18.43 | | |
| 1.4 | 64QAM | 3 | 3 | 18.30 | 18.46 | 18.43 | | |
| 1.4 | 64QAM | 6 | 0 | 18.42 | 18.54 | 18.44 | 19.9 | 0 |

## Band 66 Ant 6 DSI11

| BW [MHz] | 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 | 20.10 | 20.13 | 19.98 | 21.3 | 0 |
| 20 | QPSK | 1 | 49 | 19.78 | 19.91 | 19.79 | | |
| 20 | QPSK | 1 | 99 | 19.95 | 19.94 | 19.88 | | |
| 20 | QPSK | 50 | 0 | 20.00 | 20.05 | 19.96 | 21.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.84 | 19.98 | 19.78 | | |
| 20 | QPSK | 50 | 50 | 19.87 | 20.00 | 20.01 | | |
| 20 | QPSK | 100 | 0 | 19.92 | 20.01 | 19.94 | | |
| 20 | 16QAM | 1 | 0 | 19.88 | 19.92 | 19.91 | 21.3 | 0 |
| 20 | 16QAM | 1 | 49 | 19.89 | 20.04 | 19.91 | | |
| 20 | 16QAM | 1 | 99 | 19.92 | 20.07 | 19.92 | | |
| 20 | 16QAM | 50 | 0 | 19.89 | 19.99 | 19.81 | 21.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.87 | 19.97 | 19.88 | | |
| 20 | 16QAM | 50 | 50 | 19.93 | 19.98 | 19.84 | | |
| 20 | 16QAM | 100 | 0 | 19.87 | 19.94 | 19.90 | | |
| 20 | 64QAM | 1 | 0 | 19.83 | 19.86 | 19.84 | 21.3 | 0 |
| 20 | 64QAM | 1 | 49 | 20.07 | 20.10 | 20.09 | | |
| 20 | 64QAM | 1 | 99 | 19.85 | 19.94 | 19.94 | | |
| 20 | 64QAM | 50 | 0 | 19.89 | 20.02 | 19.92 | 21.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.87 | 19.98 | 19.95 | | |
| 20 | 64QAM | 50 | 50 | 19.88 | 19.97 | 19.91 | | |
| 20 | 64QAM | 100 | 0 | 19.85 | 19.95 | 19.98 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.92 | 19.97 | 19.87 | 21.3 | 0 |
| 15 | QPSK | 1 | 37 | 19.73 | 19.79 | 19.70 | | |
| 15 | QPSK | 1 | 74 | 19.85 | 19.80 | 19.81 | | |
| 15 | QPSK | 36 | 0 | 19.92 | 19.91 | 19.82 | 21.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.74 | 19.87 | 19.65 | | |
| 15 | QPSK | 36 | 39 | 19.77 | 19.87 | 19.92 | | |
| 15 | QPSK | 75 | 0 | 19.83 | 19.91 | 19.83 | | |
| 15 | 16QAM | 1 | 0 | 19.76 | 19.83 | 19.79 | 21.3 | 0 |
| 15 | 16QAM | 1 | 37 | 19.84 | 19.97 | 19.82 | | |
| 15 | 16QAM | 1 | 74 | 19.78 | 19.99 | 19.79 | | |
| 15 | 16QAM | 36 | 0 | 19.75 | 19.90 | 19.71 | 21.3 | 0 |
| 15 | 16QAM | 36 | 20 | 19.83 | 19.90 | 19.77 | | |
| 15 | 16QAM | 36 | 39 | 19.86 | 19.89 | 19.71 | | |
| 15 | 16QAM | 75 | 0 | 19.73 | 19.87 | 19.81 | | |
| 15 | 64QAM | 1 | 0 | 19.72 | 19.72 | 19.75 | 21.3 | 0 |
| 15 | 64QAM | 1 | 37 | 19.94 | 20.10 | 20.01 | | |
| 15 | 64QAM | 1 | 74 | 19.78 | 19.89 | 19.90 | | |
| 15 | 64QAM | 36 | 0 | 19.79 | 19.92 | 19.87 | 21.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.80 | 19.90 | 19.81 | | |
| 15 | 64QAM | 36 | 39 | 19.78 | 19.83 | 19.81 | | |
| 15 | 64QAM | 75 | 0 | 19.73 | 19.86 | 19.93 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.93 | 20.06 | 19.85 | 21.3 | 0 |
| 10 | QPSK | 1 | 25 | 19.67 | 19.76 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 19.89 | 19.87 | 19.79 | | |
| 10 | QPSK | 25 | 0 | 19.87 | 19.99 | 19.84 | 21.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.73 | 19.93 | 19.73 | | |
| 10 | QPSK | 25 | 25 | 19.81 | 19.94 | 19.95 | | |
| 10 | QPSK | 50 | 0 | 19.82 | 19.93 | 19.81 | 21.3 | 0 |
| 10 | 16QAM | 1 | 0 | 19.76 | 19.82 | 19.82 | | |
| 10 | 16QAM | 1 | 25 | 19.82 | 19.96 | 19.77 | | |
| 10 | 16QAM | 1 | 49 | 19.80 | 20.01 | 19.82 | | |
| 10 | 16QAM | 25 | 0 | 19.80 | 19.88 | 19.66 | 21.3 | 0 |
| 10 | 16QAM | 25 | 12 | 19.82 | 19.88 | 19.76 | | |
| 10 | 16QAM | 25 | 25 | 19.90 | 19.85 | 19.78 | | |
| 10 | 16QAM | 50 | 0 | 19.73 | 19.91 | 19.85 | | |
| 10 | 64QAM | 1 | 0 | 19.74 | 19.76 | 19.77 | 21.3 | 0 |
| 10 | 64QAM | 1 | 25 | 19.93 | 19.99 | 19.96 | | |
| 10 | 64QAM | 1 | 49 | 19.71 | 19.81 | 19.90 | | |
| 10 | 64QAM | 25 | 0 | 19.82 | 19.94 | 19.83 | 21.3 | 0 |
| 10 | 64QAM | 25 | 12 | 19.72 | 19.86 | 19.85 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.90 | 19.86 | | |
| 10 | 64QAM | 50 | 0 | 19.71 | 19.90 | 19.94 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.97 | 20.03 | 19.92 | 21.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.66 | 19.87 | 19.73 | | |
| 5 | QPSK | 1 | 24 | 19.87 | 19.82 | 19.80 | | |
| 5 | QPSK | 12 | 0 | 19.85 | 19.96 | 19.89 | 21.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.77 | 19.85 | 19.67 | | |
| 5 | QPSK | 12 | 13 | 19.77 | 19.92 | 19.95 | | |
| 5 | QPSK | 25 | 0 | 19.82 | 19.96 | 19.88 | | |
| 5 | 16QAM | 1 | 0 | 19.75 | 19.89 | 19.76 | 21.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.81 | 19.91 | 19.84 | | |
| 5 | 16QAM | 1 | 24 | 19.84 | 20.01 | 19.82 | | |
| 5 | 16QAM | 12 | 0 | 19.83 | 19.95 | 19.72 | 21.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.72 | 19.86 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.88 | 19.90 | 19.70 | | |
| 5 | 16QAM | 25 | 0 | 19.76 | 19.86 | 19.85 | | |
| 5 | 64QAM | 1 | 0 | 19.69 | 19.81 | 19.81 | 21.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.96 | 19.98 | 20.06 | | |
| 5 | 64QAM | 1 | 24 | 19.82 | 19.89 | 19.81 | | |
| 5 | 64QAM | 12 | 0 | 19.86 | 19.96 | 19.79 | 21.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.83 | 19.83 | 19.82 | | |
| 5 | 64QAM | 12 | 13 | 19.74 | 19.92 | 19.79 | | |
| 5 | 64QAM | 25 | 0 | 19.75 | 19.84 | 19.93 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.94 | 19.97 | 19.93 | 21.3 | 0 |
| 3 | QPSK | 1 | 8 | 19.67 | 19.82 | 19.69 | | |
| 3 | QPSK | 1 | 14 | 19.84 | 19.87 | 19.84 | | |
| 3 | QPSK | 8 | 0 | 19.96 | 19.96 | 19.82 | 21.3 | 0 |
| 3 | QPSK | 8 | 4 | 19.69 | 19.86 | 19.70 | | |
| 3 | QPSK | 8 | 7 | 19.79 | 19.86 | 19.89 | | |
| 3 | QPSK | 15 | 0 | 19.89 | 19.94 | 19.83 | | |
| 3 | 16QAM | 1 | 0 | 19.76 | 19.84 | 19.78 | 21.3 | 0 |
| 3 | 16QAM | 1 | 8 | 19.81 | 19.89 | 19.86 | | |
| 3 | 16QAM | 1 | 14 | 19.84 | 20.02 | 19.81 | | |
| 3 | 16QAM | 8 | 0 | 19.79 | 19.91 | 19.72 | 21.3 | 0 |
| 3 | 16QAM | 8 | 4 | 19.84 | 19.88 | 19.80 | | |
| 3 | 16QAM | 8 | 7 | 19.88 | 19.85 | 19.70 | | |
| 3 | 16QAM | 15 | 0 | 19.83 | 19.81 | 19.80 | | |
| 3 | 64QAM | 1 | 0 | 19.74 | 19.73 | 19.71 | 21.3 | 0 |
| 3 | 64QAM | 1 | 8 | 19.95 | 20.08 | 20.04 | | |
| 3 | 64QAM | 1 | 14 | 19.76 | 19.90 | 19.83 | | |
| 3 | 64QAM | 8 | 0 | 19.79 | 19.94 | 19.79 | 21.3 | 0 |
| 3 | 64QAM | 8 | 4 | 19.83 | 19.91 | 19.90 | | |
| 3 | 64QAM | 8 | 7 | 19.75 | 19.82 | 19.82 | | |
| 3 | 64QAM | 15 | 0 | 19.76 | 19.84 | 19.88 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.00 | 20.01 | 19.90 | 21.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.68 | 19.88 | 19.68 | | |
| 1.4 | QPSK | 1 | 5 | 19.90 | 19.90 | 19.83 | | |
| 1.4 | QPSK | 3 | 0 | 19.89 | 19.97 | 19.90 | | |
| 1.4 | QPSK | 3 | 1 | 19.73 | 19.91 | 19.74 | | |
| 1.4 | QPSK | 3 | 3 | 19.79 | 19.94 | 19.94 | | |
| 1.4 | QPSK | 6 | 0 | 19.81 | 19.93 | 19.85 | 21.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.76 | 19.78 | 19.81 | 21.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.84 | 19.90 | 19.86 | | |
| 1.4 | 16QAM | 1 | 5 | 19.88 | 20.04 | 19.87 | | |
| 1.4 | 16QAM | 3 | 0 | 19.83 | 19.84 | 19.72 | | |
| 1.4 | 16QAM | 3 | 1 | 19.72 | 19.83 | 19.79 | | |
| 1.4 | 16QAM | 3 | 3 | 19.88 | 19.83 | 19.78 | | |
| 1.4 | 16QAM | 6 | 0 | 19.76 | 19.87 | 19.82 | 21.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.74 | 19.73 | 19.81 | 21.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.03 | 20.01 | 20.02 | | |
| 1.4 | 64QAM | 1 | 5 | 19.76 | 19.86 | 19.90 | | |
| 1.4 | 64QAM | 3 | 0 | 19.81 | 19.95 | 19.89 | | |
| 1.4 | 64QAM | 3 | 1 | 19.83 | 19.85 | 19.89 | | |
| 1.4 | 64QAM | 3 | 3 | 19.75 | 19.89 | 19.87 | | |
| 1.4 | 64QAM | 6 | 0 | 19.77 | 19.83 | 19.91 | 21.3 | 0 |

## Band 38 Ant 6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 16.74 | 17.00 | 16.83 | 17.9 | 0 |
| 20 | QPSK | 1 | 49 | 16.73 | 16.84 | 16.82 | | |
| 20 | QPSK | 1 | 99 | 16.73 | 16.74 | 16.70 | | |
| 20 | QPSK | 50 | 0 | 16.80 | 16.90 | 16.76 | 17.9 | 0 |
| 20 | QPSK | 50 | 24 | 16.60 | 16.68 | 16.55 | | |
| 20 | QPSK | 50 | 50 | 16.66 | 16.84 | 16.77 | | |
| 20 | QPSK | 100 | 0 | 16.74 | 16.84 | 16.82 | | |
| 20 | 16QAM | 1 | 0 | 16.68 | 16.71 | 16.70 | 17.9 | 0 |
| 20 | 16QAM | 1 | 49 | 16.74 | 16.86 | 16.76 | | |
| 20 | 16QAM | 1 | 99 | 16.72 | 16.84 | 16.69 | | |
| 20 | 16QAM | 50 | 0 | 16.71 | 16.79 | 16.62 | 17.9 | 0 |
| 20 | 16QAM | 50 | 24 | 16.73 | 16.73 | 16.60 | | |
| 20 | 16QAM | 50 | 50 | 16.67 | 16.79 | 16.75 | | |
| 20 | 16QAM | 100 | 0 | 16.61 | 16.80 | 16.75 | | |
| 20 | 64QAM | 1 | 0 | 16.66 | 16.76 | 16.67 | 17.9 | 0 |
| 20 | 64QAM | 1 | 49 | 16.87 | 16.93 | 16.88 | | |
| 20 | 64QAM | 1 | 99 | 16.63 | 16.80 | 16.74 | | |
| 20 | 64QAM | 50 | 0 | 16.62 | 16.73 | 16.76 | 17.9 | 0 |
| 20 | 64QAM | 50 | 24 | 16.66 | 16.80 | 16.72 | | |
| 20 | 64QAM | 50 | 50 | 16.60 | 16.72 | 16.67 | | |
| 20 | 64QAM | 100 | 0 | 16.68 | 16.81 | 16.72 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.66 | 16.88 | 16.80 | 17.9 | 0 |
| 15 | QPSK | 1 | 37 | 16.62 | 16.71 | 16.73 | | |
| 15 | QPSK | 1 | 74 | 16.70 | 16.71 | 16.61 | | |
| 15 | QPSK | 36 | 0 | 16.72 | 16.84 | 16.63 | 17.9 | 0 |
| 15 | QPSK | 36 | 20 | 16.46 | 16.63 | 16.49 | | |
| 15 | QPSK | 36 | 39 | 16.61 | 16.73 | 16.64 | | |
| 15 | QPSK | 75 | 0 | 16.61 | 16.78 | 16.76 | | |
| 15 | 16QAM | 1 | 0 | 16.59 | 16.59 | 16.58 | 17.9 | 0 |
| 15 | 16QAM | 1 | 37 | 16.64 | 16.79 | 16.70 | | |
| 15 | 16QAM | 1 | 74 | 16.64 | 16.73 | 16.63 | | |
| 15 | 16QAM | 36 | 0 | 16.56 | 16.67 | 16.55 | 17.9 | 0 |
| 15 | 16QAM | 36 | 20 | 16.69 | 16.63 | 16.54 | | |
| 15 | 16QAM | 36 | 39 | 16.57 | 16.73 | 16.69 | | |
| 15 | 16QAM | 75 | 0 | 16.55 | 16.74 | 16.71 | | |
| 15 | 64QAM | 1 | 0 | 16.57 | 16.62 | 16.60 | 17.9 | 0 |
| 15 | 64QAM | 1 | 37 | 16.79 | 16.81 | 16.75 | | |
| 15 | 64QAM | 1 | 74 | 16.54 | 16.73 | 16.60 | | |
| 15 | 64QAM | 36 | 0 | 16.52 | 16.65 | 16.66 | 17.9 | 0 |
| 15 | 64QAM | 36 | 20 | 16.63 | 16.75 | 16.60 | | |
| 15 | 64QAM | 36 | 39 | 16.47 | 16.62 | 16.58 | | |
| 15 | 64QAM | 75 | 0 | 16.59 | 16.77 | 16.60 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.69 | 16.90 | 16.70 | 17.9 | 0 |
| 10 | QPSK | 1 | 25 | 16.66 | 16.77 | 16.73 | | |
| 10 | QPSK | 1 | 49 | 16.64 | 16.64 | 16.67 | | |
| 10 | QPSK | 25 | 0 | 16.75 | 16.79 | 16.69 | 17.9 | 0 |
| 10 | QPSK | 25 | 12 | 16.53 | 16.57 | 16.50 | | |
| 10 | QPSK | 25 | 25 | 16.57 | 16.76 | 16.74 | | |
| 10 | QPSK | 50 | 0 | 16.69 | 16.80 | 16.70 | | |
| 10 | 16QAM | 1 | 0 | 16.56 | 16.60 | 16.61 | 17.9 | 0 |
| 10 | 16QAM | 1 | 25 | 16.67 | 16.75 | 16.63 | | |
| 10 | 16QAM | 1 | 49 | 16.59 | 16.75 | 16.66 | | |
| 10 | 16QAM | 25 | 0 | 16.66 | 16.72 | 16.54 | 17.9 | 0 |
| 10 | 16QAM | 25 | 12 | 16.70 | 16.62 | 16.55 | | |
| 10 | 16QAM | 25 | 25 | 16.52 | 16.64 | 16.66 | | |
| 10 | 16QAM | 50 | 0 | 16.55 | 16.68 | 16.65 | | |
| 10 | 64QAM | 1 | 0 | 16.57 | 16.70 | 16.61 | 17.9 | 0 |
| 10 | 64QAM | 1 | 25 | 16.81 | 16.78 | 16.77 | | |
| 10 | 64QAM | 1 | 49 | 16.55 | 16.68 | 16.69 | | |
| 10 | 64QAM | 25 | 0 | 16.56 | 16.66 | 16.65 | 17.9 | 0 |
| 10 | 64QAM | 25 | 12 | 16.56 | 16.73 | 16.60 | | |
| 10 | 64QAM | 25 | 25 | 16.52 | 16.68 | 16.59 | | |
| 10 | 64QAM | 50 | 0 | 16.57 | 16.68 | 16.57 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.64 | 16.97 | 16.73 | 17.9 | 0 |
| 5 | QPSK | 1 | 12 | 16.62 | 16.71 | 16.68 | | |
| 5 | QPSK | 1 | 24 | 16.65 | 16.68 | 16.62 | | |
| 5 | QPSK | 12 | 0 | 16.67 | 16.84 | 16.63 | 17.9 | 0 |
| 5 | QPSK | 12 | 7 | 16.50 | 16.57 | 16.44 | | |
| 5 | QPSK | 12 | 13 | 16.59 | 16.80 | 16.68 | | |
| 5 | QPSK | 25 | 0 | 16.60 | 16.74 | 16.69 | | |
| 5 | 16QAM | 1 | 0 | 16.60 | 16.61 | 16.65 | 17.9 | 0 |
| 5 | 16QAM | 1 | 12 | 16.65 | 16.81 | 16.62 | | |
| 5 | 16QAM | 1 | 24 | 16.59 | 16.70 | 16.64 | | |
| 5 | 16QAM | 12 | 0 | 16.59 | 16.66 | 16.55 | 17.9 | 0 |
| 5 | 16QAM | 12 | 7 | 16.65 | 16.69 | 16.50 | | |
| 5 | 16QAM | 12 | 13 | 16.55 | 16.66 | 16.69 | | |
| 5 | 16QAM | 25 | 0 | 16.47 | 16.73 | 16.62 | | |
| 5 | 64QAM | 1 | 0 | 16.52 | 16.72 | 16.56 | 17.9 | 0 |
| 5 | 64QAM | 1 | 12 | 16.75 | 16.84 | 16.82 | | |
| 5 | 64QAM | 1 | 24 | 16.56 | 16.71 | 16.66 | | |
| 5 | 64QAM | 12 | 0 | 16.56 | 16.62 | 16.64 | 17.9 | 0 |
| 5 | 64QAM | 12 | 7 | 16.55 | 16.75 | 16.63 | | |
| 5 | 64QAM | 12 | 13 | 16.49 | 16.66 | 16.63 | | |

## Band 41 Ant 6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 16.88 | 16.71 | 16.96 | 16.69 | 16.77 | 17.9 | 0 |
| 20 | QPSK | 1 | 49 | 16.73 | 16.77 | 16.76 | 16.74 | 16.67 | | |
| 20 | QPSK | 1 | 99 | 16.82 | 16.76 | 16.80 | 16.81 | 16.89 | | |
| 20 | QPSK | 50 | 0 | 16.81 | 16.72 | 16.87 | 16.65 | 16.64 | 17.9 | 0 |
| 20 | QPSK | 50 | 24 | 16.77 | 16.78 | 16.75 | 16.72 | 16.80 | | |
| 20 | QPSK | 50 | 50 | 16.80 | 16.81 | 16.79 | 16.69 | 16.72 | | |
| 20 | QPSK | 100 | 0 | 16.76 | 16.75 | 16.78 | 16.70 | 16.69 | | |
| 20 | 16QAM | 1 | 0 | 16.63 | 16.62 | 16.66 | 16.59 | 16.55 | 17.9 | 0 |
| 20 | 16QAM | 1 | 49 | 16.74 | 16.70 | 16.81 | 16.66 | 16.70 | | |
| 20 | 16QAM | 1 | 99 | 16.76 | 16.60 | 16.69 | 16.60 | 16.56 | | |
| 20 | 16QAM | 50 | 0 | 16.71 | 16.53 | 16.76 | 16.53 | 16.54 | 17.9 | 0 |
| 20 | 16QAM | 50 | 24 | 16.60 | 16.53 | 16.61 | 16.53 | 16.53 | | |
| 20 | 16QAM | 50 | 50 | 16.64 | 16.69 | 16.70 | 16.72 | 16.62 | | |
| 20 | 16QAM | 100 | 0 | 16.74 | 16.69 | 16.71 | 16.64 | 16.71 | | |
| 20 | 64QAM | 1 | 0 | 16.64 | 16.53 | 16.72 | 16.55 | 16.57 | 17.9 | 0 |
| 20 | 64QAM | 1 | 49 | 16.86 | 16.74 | 16.82 | 16.82 | 16.76 | | |
| 20 | 64QAM | 1 | 99 | 16.75 | 16.62 | 16.74 | 16.69 | 16.71 | | |
| 20 | 64QAM | 50 | 0 | 16.60 | 16.64 | 16.59 | 16.66 | 16.64 | 17.9 | 0 |
| 20 | 64QAM | 50 | 24 | 16.75 | 16.62 | 16.74 | 16.62 | 16.67 | | |
| 20 | 64QAM | 50 | 50 | 16.59 | 16.53 | 16.67 | 16.54 | 16.60 | | |
| 20 | 64QAM | 100 | 0 | 16.68 | 16.69 | 16.72 | 16.61 | 16.58 | | |
| 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 | 16.76 | 16.66 | 16.93 | 16.63 | 16.65 | 17.90 | 0 |
| 15 | QPSK | 1 | 37 | 16.66 | 16.68 | 16.71 | 16.65 | 16.58 | | |
| 15 | QPSK | 1 | 74 | 16.78 | 16.67 | 16.74 | 16.75 | 16.84 | | |
| 15 | QPSK | 36 | 0 | 16.74 | 16.59 | 16.80 | 16.59 | 16.54 | 17.9 | 0 |
| 15 | QPSK | 36 | 20 | 16.66 | 16.72 | 16.64 | 16.65 | 16.77 | | |
| 15 | QPSK | 36 | 39 | 16.66 | 16.76 | 16.67 | 16.61 | 16.59 | | |
| 15 | QPSK | 75 | 0 | 16.67 | 16.67 | 16.73 | 16.60 | 16.66 | | |
| 15 | 16QAM | 1 | 0 | 16.53 | 16.47 | 16.63 | 16.50 | 16.48 | 17.9 | 0 |
| 15 | 16QAM | 1 | 37 | 16.61 | 16.59 | 16.66 | 16.53 | 16.66 | | |
| 15 | 16QAM | 1 | 74 | 16.69 | 16.52 | 16.60 | 16.48 | 16.42 | | |
| 15 | 16QAM | 36 | 0 | 16.62 | 16.48 | 16.73 | 16.38 | 16.47 | 17.9 | 0 |
| 15 | 16QAM | 36 | 20 | 16.53 | 16.38 | 16.48 | 16.48 | 16.49 | | |
| 15 | 16QAM | 36 | 39 | 16.56 | 16.60 | 16.62 | 16.59 | 16.53 | | |
| 15 | 16QAM | 75 | 0 | 16.60 | 16.63 | 16.62 | 16.51 | 16.67 | | |
| 15 | 64QAM | 1 | 0 | 16.59 | 16.45 | 16.58 | 16.41 | 16.53 | 17.9 | 0 |
| 15 | 64QAM | 1 | 37 | 16.76 | 16.66 | 16.78 | 16.72 | 16.69 | | |
| 15 | 64QAM | 1 | 74 | 16.69 | 16.47 | 16.60 | 16.55 | 16.65 | | |
| 15 | 64QAM | 36 | 0 | 16.49 | 16.56 | 16.55 | 16.56 | 16.58 | 17.9 | 0 |
| 15 | 64QAM | 36 | 20 | 16.69 | 16.59 | 16.71 | 16.58 | 16.64 | | |
| 15 | 64QAM | 36 | 39 | 16.55 | 16.49 | 16.56 | 16.42 | 16.54 | | |
| 15 | 64QAM | 75 | 0 | 16.57 | 16.57 | 16.62 | 16.56 | 16.50 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 16.75 | 16.61 | 16.84 | 16.64 | 16.74 | 17.90 | 0 |
| 10 | QPSK | 1 | 25 | 16.66 | 16.72 | 16.69 | 16.62 | 16.64 | | |
| 10 | QPSK | 1 | 49 | 16.71 | 16.63 | 16.75 | 16.72 | 16.84 | | |
| 10 | QPSK | 25 | 0 | 16.73 | 16.66 | 16.72 | 16.61 | 16.53 | 17.9 | 0 |
| 10 | QPSK | 25 | 12 | 16.73 | 16.63 | 16.65 | 16.58 | 16.71 | | |
| 10 | QPSK | 25 | 25 | 16.75 | 16.70 | 16.73 | 16.62 | 16.65 | | |
| 10 | QPSK | 50 | 0 | 16.69 | 16.67 | 16.69 | 16.65 | 16.57 | | |
| 10 | 16QAM | 1 | 0 | 16.54 | 16.48 | 16.58 | 16.53 | 16.43 | 17.9 | 0 |
| 10 | 16QAM | 1 | 25 | 16.66 | 16.62 | 16.76 | 16.54 | 16.64 | | |
| 10 | 16QAM | 1 | 49 | 16.69 | 16.49 | 16.60 | 16.49 | 16.43 | | |
| 10 | 16QAM | 25 | 0 | 16.58 | 16.39 | 16.64 | 16.39 | 16.43 | 17.9 | 0 |
| 10 | 16QAM | 25 | 12 | 16.45 | 16.38 | 16.53 | 16.49 | 16.50 | | |
| 10 | 16QAM | 25 | 25 | 16.57 | 16.59 | 16.56 | 16.62 | 16.51 | | |
| 10 | 16QAM | 50 | 0 | 16.62 | 16.64 | 16.65 | 16.58 | 16.64 | | |
| 10 | 64QAM | 1 | 0 | 16.51 | 16.49 | 16.60 | 16.48 | 16.42 | 17.9 | 0 |
| 10 | 64QAM | 1 | 25 | 16.72 | 16.64 | 16.72 | 16.73 | 16.69 | | |
| 10 | 64QAM | 1 | 49 | 16.67 | 16.54 | 16.67 | 16.55 | 16.68 | | |
| 10 | 64QAM | 25 | 0 | 16.56 | 16.53 | 16.49 | 16.57 | 16.61 | 17.9 | 0 |
| 10 | 64QAM | 25 | 12 | 16.66 | 16.49 | 16.59 | 16.52 | 16.52 | | |
| 10 | 64QAM | 25 | 25 | 16.48 | 16.47 | 16.55 | 16.50 | 16.50 | | |
| 10 | 64QAM | 50 | 0 | 16.63 | 16.62 | 16.67 | 16.48 | 16.43 | | |
| 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 | 16.79 | 16.63 | 16.90 | 16.63 | 16.65 | 17.90 | 0 |
| 5 | QPSK | 1 | 12 | 16.64 | 16.68 | 16.64 | 16.70 | 16.53 | | |
| 5 | QPSK | 1 | 24 | 16.70 | 16.72 | 16.67 | 16.77 | 16.74 | | |
| 5 | QPSK | 12 | 0 | 16.76 | 16.62 | 16.79 | 16.57 | 16.50 | 17.9 | 0 |
| 5 | QPSK | 12 | 7 | 16.74 | 16.70 | 16.65 | 16.65 | 16.66 | | |
| 5 | QPSK | 12 | 13 | 16.76 | 16.71 | 16.66 | 16.65 | 16.68 | | |
| 5 | QPSK | 25 | 0 | 16.65 | 16.64 | 16.67 | 16.57 | 16.64 | | |
| 5 | 16QAM | 1 | 0 | 16.53 | 16.56 | 16.57 | 16.52 | 16.50 | 17.9 | 0 |
| 5 | 16QAM | 1 | 12 | 16.67 | 16.62 | 16.71 | 16.63 | 16.58 | | |
| 5 | 16QAM | 1 | 24 | 16.70 | 16.54 | 16.57 | 16.53 | 16.44 | | |
| 5 | 16QAM | 12 | 0 | 16.59 | 16.48 | 16.69 | 16.39 | 16.50 | 17.9 | 0 |
| 5 | 16QAM | 12 | 7 | 16.47 | 16.50 | 16.48 | 16.38 | 16.41 | | |
| 5 | 16QAM | 12 | 13 | 16.50 | 16.55 | 16.66 | 16.66 | 16.53 | | |
| 5 | 16QAM | 25 | 0 | 16.70 | 16.63 | 16.66 | 16.51 | 16.56 | | |
| 5 | 64QAM | 1 | 0 | 16.57 | 16.49 | 16.61 | 16.46 | 16.45 | 17.9 | 0 |
| 5 | 64QAM | 1 | 12 | 16.78 | 16.60 | 16.74 | 16.76 | 16.69 | | |
| 5 | 64QAM | 1 | 24 | 16.66 | 16.53 | 16.67 | 16.56 | 16.63 | | |
| 5 | 64QAM | 12 | 0 | 16.55 | 16.57 | 16.50 | 16.54 | 16.50 | 17.9 | 0 |
| 5 | 64QAM | 12 | 7 | 16.72 | 16.57 | 16.62 | 16.48 | 16.59 | | |
| 5 | 64QAM | 12 | 13 | 16.53 | 16.39 | 16.54 | 16.39 | 16.51 | | |

# Reduced Power Level for DSI 13

GSM850 Ant 0 DSI13

| 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 | 29.94 | 29.88 | 30.02 | 31.30 | 20.94 | 20.88 | 21.02 | 22.30 |
| GPRS 1 Tx slot | 29.86 | 29.81 | 29.93 | 31.30 | 20.86 | 20.81 | 20.93 | 22.30 |
| GPRS 2 Tx slots | 26.58 | 26.66 | 26.71 | 28.30 | 20.58 | 20.66 | 20.71 | 22.30 |
| GPRS 3 Tx slots | 24.98 | 25.08 | 25.16 | 26.50 | 20.72 | 20.82 | 20.90 | 22.24 |
| GPRS 4 Tx slots | 24.10 | 24.11 | 24.07 | 25.30 | 21.10 | 21.11 | 21.07 | 22.30 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.67 | 28.00 | 17.50 | 17.59 | 17.67 | 19.00 |
| EDGE 2 Tx slots | 23.42 | 23.48 | 23.54 | 25.00 | 17.42 | 17.48 | 17.54 | 19.00 |
| EDGE 3 Tx slots | 21.71 | 21.82 | 21.87 | 23.20 | 17.45 | 17.56 | 17.61 | 18.94 |
| EDGE 4 Tx slots | 20.51 | 20.59 | 20.71 | 22.00 | 17.51 | 17.59 | 17.71 | 19.00 |

WCDMA V Ant 0 DSI13

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.61 | 21.78 | 21.66 | 22.30 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.72 | 21.81 | 21.76 | 22.30 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.98 | 18.16 | 18.03 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.06 | 18.18 | 18.10 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 19.64 | 19.61 | 19.55 | 20.80 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 19.46 | 19.71 | 19.54 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 17.98 | 18.32 | 18.05 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 18.03 | 18.20 | 18.14 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 19.48 | 19.68 | 19.65 | 20.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 19.55 | 19.65 | 19.70 | 20.80 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.04 | 18.09 | 18.05 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.91 | 16.22 | 16.13 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 16.95 | 17.27 | 17.18 | 18.30 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.98 | 16.07 | 16.04 | 17.30 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.01 | 18.10 | 18.19 | 19.30 |

## Band 5 Ant 0 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.14 | 21.34 | 21.21 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.20 | 21.33 | 21.29 | | |
| 10 | QPSK | 1 | 49 | 21.28 | 21.31 | 21.27 | | |
| 10 | QPSK | 25 | 0 | 21.27 | 21.32 | 21.29 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.18 | 21.29 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.10 | 21.24 | 21.15 | | |
| 10 | QPSK | 50 | 0 | 21.12 | 21.21 | 21.15 | | |
| 10 | 16QAM | 1 | 0 | 21.21 | 21.27 | 21.18 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.13 | 21.21 | 21.06 | | |
| 10 | 16QAM | 1 | 49 | 21.16 | 21.26 | 21.15 | | |
| 10 | 16QAM | 25 | 0 | 21.24 | 21.28 | 21.17 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.22 | 21.31 | 21.19 | | |
| 10 | 16QAM | 25 | 25 | 21.22 | 21.26 | 21.14 | | |
| 10 | 16QAM | 50 | 0 | 21.16 | 21.23 | 21.16 | | |
| 10 | 64QAM | 1 | 0 | 21.21 | 21.27 | 21.17 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.21 | 21.33 | 21.20 | | |
| 10 | 64QAM | 1 | 49 | 21.25 | 21.28 | 21.23 | | |
| 10 | 64QAM | 25 | 0 | 21.15 | 21.29 | 21.17 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.17 | 21.22 | 21.11 | | |
| 10 | 64QAM | 25 | 25 | 21.22 | 21.27 | 21.16 | | |
| 10 | 64QAM | 50 | 0 | 21.16 | 21.31 | 21.19 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.05 | 21.28 | 21.15 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.15 | 21.27 | 21.15 | | |
| 5 | QPSK | 1 | 24 | 21.25 | 21.16 | 21.19 | | |
| 5 | QPSK | 12 | 0 | 21.12 | 21.19 | 21.21 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.14 | 21.22 | 21.17 | | |
| 5 | QPSK | 12 | 13 | 21.04 | 21.20 | 21.04 | | |
| 5 | QPSK | 25 | 0 | 21.08 | 21.15 | 21.11 | | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.20 | 21.11 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.09 | 21.16 | 20.98 | | |
| 5 | 16QAM | 1 | 24 | 21.12 | 21.12 | 21.00 | | |
| 5 | 16QAM | 12 | 0 | 21.11 | 21.18 | 21.08 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.13 | 21.23 | 21.07 | | |
| 5 | 16QAM | 12 | 13 | 21.18 | 21.23 | 21.06 | | |
| 5 | 16QAM | 25 | 0 | 21.09 | 21.15 | 21.09 | | |
| 5 | 64QAM | 1 | 0 | 21.10 | 21.14 | 21.06 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.10 | 21.22 | 21.14 | | |
| 5 | 64QAM | 1 | 24 | 21.14 | 21.18 | 21.14 | | |
| 5 | 64QAM | 12 | 0 | 21.09 | 21.21 | 21.10 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.08 | 21.16 | 21.08 | | |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.19 | 21.11 | | |
| 5 | 64QAM | 25 | 0 | 21.07 | 21.18 | 21.13 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.03 | 21.25 | 21.18 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.12 | 21.22 | 21.25 | | |
| 3 | QPSK | 1 | 14 | 21.24 | 21.17 | 21.22 | | |
| 3 | QPSK | 8 | 0 | 21.15 | 21.18 | 21.20 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.07 | 21.19 | 21.14 | | |
| 3 | QPSK | 8 | 7 | 21.04 | 21.09 | 21.01 | | |
| 3 | QPSK | 15 | 0 | 21.07 | 21.08 | 21.11 | | |
| 3 | 16QAM | 1 | 0 | 21.17 | 21.19 | 21.09 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.01 | 21.07 | 20.97 | | |
| 3 | 16QAM | 1 | 14 | 21.09 | 21.20 | 21.06 | | |
| 3 | 16QAM | 8 | 0 | 21.21 | 21.16 | 21.08 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.14 | 21.23 | 21.10 | | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.16 | 21.08 | | |
| 3 | 16QAM | 15 | 0 | 21.05 | 21.09 | 21.12 | | |
| 3 | 64QAM | 1 | 0 | 21.09 | 21.18 | 21.07 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.11 | 21.22 | 21.11 | | |
| 3 | 64QAM | 1 | 14 | 21.19 | 21.18 | 21.15 | | |
| 3 | 64QAM | 8 | 0 | 21.10 | 21.24 | 21.10 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.10 | 21.11 | 21.00 | | |
| 3 | 64QAM | 8 | 7 | 21.17 | 21.12 | 21.03 | | |
| 3 | 64QAM | 15 | 0 | 21.05 | 21.25 | 21.07 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.06 | 21.29 | 21.15 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.11 | 21.22 | 21.17 | | |
| 1.4 | QPSK | 1 | 5 | 21.15 | 21.20 | 21.19 | | |
| 1.4 | QPSK | 3 | 0 | 21.20 | 21.24 | 21.17 | | |
| 1.4 | QPSK | 3 | 1 | 21.14 | 21.24 | 21.08 | | |
| 1.4 | QPSK | 3 | 3 | 21.00 | 21.12 | 21.05 | | |
| 1.4 | QPSK | 6 | 0 | 21.01 | 21.07 | 21.02 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.15 | 21.17 | 21.07 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.08 | 21.11 | 20.97 | | |
| 1.4 | 16QAM | 1 | 5 | 21.06 | 21.19 | 21.05 | | |
| 1.4 | 16QAM | 3 | 0 | 21.13 | 21.18 | 21.10 | | |
| 1.4 | 16QAM | 3 | 1 | 21.12 | 21.27 | 21.06 | | |
| 1.4 | 16QAM | 3 | 3 | 21.11 | 21.16 | 21.08 | | |
| 1.4 | 16QAM | 6 | 0 | 21.12 | 21.10 | 21.03 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.07 | 21.13 | 21.08 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.11 | 21.19 | 21.12 | | |
| 1.4 | 64QAM | 1 | 5 | 21.21 | 21.15 | 21.11 | | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 21.19 | 21.07 | | |
| 1.4 | 64QAM | 3 | 1 | 21.10 | 21.18 | 20.96 | | |
| 1.4 | 64QAM | 3 | 3 | 21.09 | 21.17 | 21.03 | | |
| 1.4 | 64QAM | 6 | 0 | 21.04 | 21.24 | 21.08 | 22.3 | 0 |

## Band 12 Ant 0 DSI13

| BW [MHz] | 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 | 21.28 | 21.46 | 21.32 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.38 | 21.45 | 21.41 | | |
| 10 | QPSK | 1 | 49 | 21.25 | 21.34 | 21.25 | | |
| 10 | QPSK | 25 | 0 | 21.34 | 21.43 | 21.40 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.22 | 21.37 | 21.27 | | |
| 10 | QPSK | 25 | 25 | 21.22 | 21.33 | 21.21 | | |
| 10 | QPSK | 50 | 0 | 21.19 | 21.33 | 21.20 | | |
| 10 | 16QAM | 1 | 0 | 21.28 | 21.35 | 21.30 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.37 | 21.43 | 21.31 | | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.43 | 21.35 | | |
| 10 | 16QAM | 25 | 0 | 21.32 | 21.44 | 21.33 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.26 | 21.34 | 21.20 | | |
| 10 | 16QAM | 25 | 25 | 21.21 | 21.33 | 21.25 | | |
| 10 | 16QAM | 50 | 0 | 21.33 | 21.42 | 21.30 | | |
| 10 | 64QAM | 1 | 0 | 21.31 | 21.36 | 21.23 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.39 | 21.43 | 21.35 | | |
| 10 | 64QAM | 1 | 49 | 21.29 | 21.35 | 21.27 | | |
| 10 | 64QAM | 25 | 0 | 21.25 | 21.36 | 21.24 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.29 | 21.42 | 21.28 | | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.33 | 21.29 | | |
| 10 | 64QAM | 50 | 0 | 21.31 | 21.38 | 21.34 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.14 | 21.40 | 21.20 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.26 | 21.34 | 21.36 | | |
| 5 | QPSK | 1 | 24 | 21.13 | 21.28 | 21.19 | | |
| 5 | QPSK | 12 | 0 | 21.23 | 21.37 | 21.34 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.17 | 21.29 | 21.23 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.25 | 21.14 | | |
| 5 | QPSK | 25 | 0 | 21.07 | 21.23 | 21.08 | | |
| 5 | 16QAM | 1 | 0 | 21.16 | 21.22 | 21.24 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.27 | 21.31 | 21.20 | | |
| 5 | 16QAM | 1 | 24 | 21.24 | 21.40 | 21.29 | | |
| 5 | 16QAM | 12 | 0 | 21.18 | 21.35 | 21.18 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.17 | 21.21 | 21.14 | | |
| 5 | 16QAM | 12 | 13 | 21.14 | 21.28 | 21.17 | | |
| 5 | 16QAM | 25 | 0 | 21.20 | 21.30 | 21.16 | | |
| 5 | 64QAM | 1 | 0 | 21.16 | 21.33 | 21.18 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.27 | 21.28 | 21.29 | | |
| 5 | 64QAM | 1 | 24 | 21.19 | 21.24 | 21.23 | | |
| 5 | 64QAM | 12 | 0 | 21.21 | 21.31 | 21.19 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.16 | 21.36 | 21.16 | | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.19 | 21.15 | | |
| 5 | 64QAM | 25 | 0 | 21.21 | 21.24 | 21.29 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.16 | 21.39 | 21.21 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.26 | 21.33 | 21.32 | | |
| 3 | QPSK | 1 | 14 | 21.21 | 21.27 | 21.18 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.31 | 21.30 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.13 | 21.23 | 21.23 | | |
| 3 | QPSK | 8 | 7 | 21.19 | 21.28 | 21.07 | | |
| 3 | QPSK | 15 | 0 | 21.16 | 21.27 | 21.17 | | |
| 3 | 16QAM | 1 | 0 | 21.22 | 21.21 | 21.16 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.26 | 21.29 | 21.24 | | |
| 3 | 16QAM | 1 | 14 | 21.24 | 21.36 | 21.23 | | |
| 3 | 16QAM | 8 | 0 | 21.22 | 21.35 | 21.23 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.22 | 21.27 | 21.09 | | |
| 3 | 16QAM | 8 | 7 | 21.15 | 21.24 | 21.13 | | |
| 3 | 16QAM | 15 | 0 | 21.22 | 21.32 | 21.18 | | |
| 3 | 64QAM | 1 | 0 | 21.22 | 21.21 | 21.11 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.31 | 21.31 | 21.28 | | |
| 3 | 64QAM | 1 | 14 | 21.26 | 21.31 | 21.21 | | |
| 3 | 64QAM | 8 | 0 | 21.12 | 21.25 | 21.20 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.29 | 21.14 | | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.29 | 21.16 | | |
| 3 | 64QAM | 15 | 0 | 21.27 | 21.34 | 21.26 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.24 | 21.40 | 21.29 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.23 | 21.41 | 21.34 | | |
| 1.4 | QPSK | 1 | 5 | 21.18 | 21.28 | 21.16 | | |
| 1.4 | QPSK | 3 | 0 | 21.28 | 21.35 | 21.36 | | |
| 1.4 | QPSK | 3 | 1 | 21.08 | 21.24 | 21.17 | | |
| 1.4 | QPSK | 3 | 3 | 21.18 | 21.28 | 21.10 | | |
| 1.4 | QPSK | 6 | 0 | 21.10 | 21.26 | 21.13 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.19 | 21.30 | 21.23 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.22 | 21.31 | 21.28 | | |
| 1.4 | 16QAM | 1 | 5 | 21.27 | 21.31 | 21.24 | | |
| 1.4 | 16QAM | 3 | 0 | 21.19 | 21.33 | 21.27 | | |
| 1.4 | 16QAM | 3 | 1 | 21.18 | 21.28 | 21.15 | | |
| 1.4 | 16QAM | 3 | 3 | 21.12 | 21.25 | 21.15 | | |
| 1.4 | 16QAM | 6 | 0 | 21.29 | 21.34 | 21.23 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.22 | 21.25 | 21.10 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.29 | 21.37 | 21.26 | | |
| 1.4 | 64QAM | 1 | 5 | 21.23 | 21.30 | 21.22 | | |
| 1.4 | 64QAM | 3 | 0 | 21.18 | 21.30 | 21.11 | | |
| 1.4 | 64QAM | 3 | 1 | 21.25 | 21.29 | 21.16 | | |
| 1.4 | 64QAM | 3 | 3 | 21.20 | 21.20 | 21.15 | | |
| 1.4 | 64QAM | 6 | 0 | 21.19 | 21.31 | 21.20 | 22.3 | 0 |

## Band 13 Ant 0 DSI13

| BW [MHz] | 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 | | 20.16 | | 21.3 | 0 |
| 10 | QPSK | 1 | 25 | | 20.05 | | | |
| 10 | QPSK | 1 | 49 | | 20.06 | | | |
| 10 | QPSK | 25 | 0 | | 20.15 | | 21.3 | 0 |
| 10 | QPSK | 25 | 12 | | 20.06 | | | |
| 10 | QPSK | 25 | 25 | | 20.04 | | | |
| 10 | QPSK | 50 | 0 | | 20.06 | | | |
| 10 | 16QAM | 1 | 0 | | 20.11 | | 21.3 | 0 |
| 10 | 16QAM | 1 | 25 | | 20.04 | | | |
| 10 | 16QAM | 1 | 49 | | 20.15 | | | |
| 10 | 16QAM | 25 | 0 | | 20.11 | | 21.3 | 0 |
| 10 | 16QAM | 25 | 12 | | 20.08 | | | |
| 10 | 16QAM | 25 | 25 | | 20.10 | | | |
| 10 | 16QAM | 50 | 0 | | 20.12 | | | |
| 10 | 64QAM | 1 | 0 | | 20.14 | | 21.3 | 0 |
| 10 | 64QAM | 1 | 25 | | 20.09 | | | |
| 10 | 64QAM | 1 | 49 | | 20.13 | | | |
| 10 | 64QAM | 25 | 0 | | 20.11 | | 21.3 | 0 |
| 10 | 64QAM | 25 | 12 | | 20.07 | | | |
| 10 | 64QAM | 25 | 25 | | 20.04 | | | |
| 10 | 64QAM | 50 | 0 | | 20.15 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 19.90 | 20.10 | 19.86 | 21.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.81 | 20.02 | 19.92 | | |
| 5 | QPSK | 1 | 24 | 19.82 | 20.02 | 19.80 | | |
| 5 | QPSK | 12 | 0 | 20.01 | 20.01 | 20.05 | 21.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.79 | 20.01 | 19.92 | | |
| 5 | QPSK | 12 | 13 | 19.83 | 19.93 | 19.92 | | |
| 5 | QPSK | 25 | 0 | 19.79 | 19.93 | 19.80 | | |
| 5 | 16QAM | 1 | 0 | 19.89 | 20.01 | 19.95 | 21.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.86 | 19.99 | 19.91 | | |
| 5 | 16QAM | 1 | 24 | 20.02 | 20.03 | 19.91 | | |
| 5 | 16QAM | 12 | 0 | 19.97 | 20.01 | 19.96 | 21.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.87 | 20.01 | 19.90 | | |
| 5 | 16QAM | 12 | 13 | 19.95 | 19.95 | 19.87 | | |
| 5 | 16QAM | 25 | 0 | 19.94 | 19.98 | 19.84 | | |
| 5 | 64QAM | 1 | 0 | 19.91 | 20.06 | 19.96 | 21.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.00 | 19.90 | | |
| 5 | 64QAM | 1 | 24 | 19.90 | 20.02 | 19.97 | | |
| 5 | 64QAM | 12 | 0 | 19.95 | 20.01 | 19.94 | 21.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.95 | 19.97 | 19.82 | | |
| 5 | 64QAM | 12 | 13 | 19.91 | 19.98 | 19.92 | | |
| 5 | 64QAM | 25 | 0 | 19.96 | 20.03 | 19.99 | | |

## Band 17 Ant 0 DSI13

| BW [MHz] | 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 | 21.32 | 21.41 | 21.25 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.26 | 21.39 | 21.29 | | |
| 10 | QPSK | 1 | 49 | 21.30 | 21.34 | 21.20 | | |
| 10 | QPSK | 25 | 0 | 21.28 | 21.37 | 21.24 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.19 | 21.30 | 21.16 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.26 | 21.13 | | |
| 10 | QPSK | 50 | 0 | 21.20 | 21.26 | 21.15 | | |
| 10 | 16QAM | 1 | 0 | 21.23 | 21.30 | 21.17 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.28 | 21.36 | 21.23 | | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.39 | 21.26 | | |
| 10 | 16QAM | 25 | 0 | 21.19 | 21.26 | 21.12 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 21.35 | 21.38 | 21.35 | | |
| 10 | 16QAM | 25 | 25 | 21.33 | 21.38 | 21.31 | | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.32 | 21.24 | | |
| 10 | 64QAM | 1 | 0 | 21.30 | 21.35 | 21.22 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.25 | 21.29 | 21.23 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.30 | 21.20 | | |
| 10 | 64QAM | 25 | 0 | 21.19 | 21.27 | 21.23 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.37 | 21.33 | | |
| 10 | 64QAM | 25 | 25 | 21.19 | 21.32 | 21.22 | | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.27 | 21.13 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.22 | 21.37 | 21.14 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.12 | 21.29 | 21.18 | | |
| 5 | QPSK | 1 | 24 | 21.19 | 21.20 | 21.09 | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.34 | 21.13 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.15 | 21.16 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.17 | 21.20 | 21.06 | | |
| 5 | QPSK | 25 | 0 | 21.08 | 21.17 | 21.04 | | |
| 5 | 16QAM | 1 | 0 | 21.17 | 21.24 | 21.07 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.22 | 21.23 | 21.19 | | |
| 5 | 16QAM | 1 | 24 | 21.28 | 21.24 | 21.22 | | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.19 | 21.08 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 21.23 | 21.33 | 21.24 | | |
| 5 | 16QAM | 12 | 13 | 21.26 | 21.27 | 21.18 | | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.22 | 21.15 | | |
| 5 | 64QAM | 1 | 0 | 21.24 | 21.27 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.17 | 21.14 | 21.19 | | |
| 5 | 64QAM | 1 | 24 | 21.09 | 21.25 | 21.15 | | |
| 5 | 64QAM | 12 | 0 | 21.13 | 21.17 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.23 | 21.23 | 21.19 | | |
| 5 | 64QAM | 12 | 13 | 21.07 | 21.20 | 21.17 | | |
| 5 | 64QAM | 25 | 0 | 21.07 | 21.18 | 20.99 | | |

## Band 26 Ant 0 DSI13

| BW [MHz] | 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 | 21.26 | 21.47 | 21.30 | 22.3 | 0 |
| 15 | QPSK | 1 | 37 | 21.20 | 21.42 | 21.28 | | |
| 15 | QPSK | 1 | 74 | 21.16 | 21.33 | 21.23 | | |
| 15 | QPSK | 36 | 0 | 21.29 | 21.45 | 21.34 | 22.3 | 0 |
| 15 | QPSK | 36 | 20 | 21.20 | 21.36 | 21.31 | | |
| 15 | QPSK | 36 | 39 | 21.25 | 21.40 | 21.35 | | |
| 15 | QPSK | 75 | 0 | 21.19 | 21.37 | 21.27 | | |
| 15 | 16QAM | 1 | 0 | 21.29 | 21.45 | 21.32 | 22.3 | 0 |
| 15 | 16QAM | 1 | 37 | 21.19 | 21.44 | 21.29 | | |
| 15 | 16QAM | 1 | 74 | 21.21 | 21.43 | 21.32 | | |
| 15 | 16QAM | 36 | 0 | 21.16 | 21.35 | 21.31 | 22.3 | 0 |
| 15 | 16QAM | 36 | 20 | 21.08 | 21.32 | 21.22 | | |
| 15 | 16QAM | 36 | 39 | 21.06 | 21.29 | 21.24 | | |
| 15 | 16QAM | 75 | 0 | 21.28 | 21.46 | 21.41 | | |
| 15 | 64QAM | 1 | 0 | 21.18 | 21.30 | 21.25 | 22.3 | 0 |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.46 | 21.42 | | |
| 15 | 64QAM | 1 | 74 | 21.22 | 21.45 | 21.39 | | |
| 15 | 64QAM | 36 | 0 | 21.15 | 21.29 | 21.19 | 22.3 | 0 |
| 15 | 64QAM | 36 | 20 | 21.21 | 21.32 | 21.21 | | |
| 15 | 64QAM | 36 | 39 | 21.24 | 21.40 | 21.25 | | |
| 15 | 64QAM | 75 | 0 | 21.17 | 21.40 | 21.34 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.14 | 21.32 | 21.20 | 22.3 | 0 |
| 10 | QPSK | 1 | 25 | 21.12 | 21.29 | 21.16 | | |
| 10 | QPSK | 1 | 49 | 21.08 | 21.26 | 21.10 | | |
| 10 | QPSK | 25 | 0 | 21.19 | 21.39 | 21.28 | 22.3 | 0 |
| 10 | QPSK | 25 | 12 | 21.15 | 21.23 | 21.17 | | |
| 10 | QPSK | 25 | 25 | 21.15 | 21.27 | 21.25 | | |
| 10 | QPSK | 50 | 0 | 21.06 | 21.25 | 21.22 | | |
| 10 | 16QAM | 1 | 0 | 21.15 | 21.38 | 21.24 | 22.3 | 0 |
| 10 | 16QAM | 1 | 25 | 21.09 | 21.29 | 21.16 | | |
| 10 | 16QAM | 1 | 49 | 21.11 | 21.39 | 21.27 | | |
| 10 | 16QAM | 25 | 0 | 21.03 | 21.32 | 21.26 | 22.3 | 0 |
| 10 | 16QAM | 25 | 12 | 20.95 | 21.23 | 21.11 | | |
| 10 | 16QAM | 25 | 25 | 21.01 | 21.23 | 21.17 | | |
| 10 | 16QAM | 50 | 0 | 21.16 | 21.35 | 21.33 | | |
| 10 | 64QAM | 1 | 0 | 21.06 | 21.22 | 21.16 | 22.3 | 0 |
| 10 | 64QAM | 1 | 25 | 21.23 | 21.36 | 21.32 | | |
| 10 | 64QAM | 1 | 49 | 21.15 | 21.33 | 21.28 | | |
| 10 | 64QAM | 25 | 0 | 21.11 | 21.23 | 21.14 | 22.3 | 0 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.28 | 21.08 | | |
| 10 | 64QAM | 25 | 25 | 21.19 | 21.35 | 21.12 | | |
| 10 | 64QAM | 50 | 0 | 21.09 | 21.35 | 21.21 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.12 | 21.43 | 21.19 | 22.3 | 0 |
| 5 | QPSK | 1 | 12 | 21.15 | 21.36 | 21.17 | | |
| 5 | QPSK | 1 | 24 | 21.13 | 21.19 | 21.13 | | |
| 5 | QPSK | 12 | 0 | 21.21 | 21.42 | 21.25 | 22.3 | 0 |
| 5 | QPSK | 12 | 7 | 21.10 | 21.28 | 21.19 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.28 | 21.25 | | |
| 5 | QPSK | 25 | 0 | 21.10 | 21.24 | 21.17 | | |
| 5 | 16QAM | 1 | 0 | 21.16 | 21.39 | 21.27 | 22.3 | 0 |
| 5 | 16QAM | 1 | 12 | 21.09 | 21.40 | 21.17 | | |
| 5 | 16QAM | 1 | 24 | 21.15 | 21.30 | 21.22 | | |
| 5 | 16QAM | 12 | 0 | 21.09 | 21.20 | 21.20 | 22.3 | 0 |
| 5 | 16QAM | 12 | 7 | 20.96 | 21.26 | 21.16 | | |
| 5 | 16QAM | 12 | 13 | 20.99 | 21.20 | 21.15 | | |
| 5 | 16QAM | 25 | 0 | 21.22 | 21.32 | 21.33 | | |
| 5 | 64QAM | 1 | 0 | 21.09 | 21.22 | 21.13 | 22.3 | 0 |
| 5 | 64QAM | 1 | 12 | 21.16 | 21.36 | 21.38 | | |
| 5 | 64QAM | 1 | 24 | 21.08 | 21.33 | 21.27 | | |
| 5 | 64QAM | 12 | 0 | 21.05 | 21.18 | 21.12 | 22.3 | 0 |
| 5 | 64QAM | 12 | 7 | 21.09 | 21.24 | 21.14 | | |
| 5 | 64QAM | 12 | 13 | 21.10 | 21.36 | 21.18 | | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.29 | 21.28 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.16 | 21.37 | 21.24 | 22.3 | 0 |
| 3 | QPSK | 1 | 8 | 21.13 | 21.29 | 21.23 | | |
| 3 | QPSK | 1 | 14 | 21.07 | 21.27 | 21.19 | | |
| 3 | QPSK | 8 | 0 | 21.24 | 21.30 | 21.22 | 22.3 | 0 |
| 3 | QPSK | 8 | 4 | 21.10 | 21.27 | 21.26 | | |
| 3 | QPSK | 8 | 7 | 21.17 | 21.28 | 21.25 | | |
| 3 | QPSK | 15 | 0 | 21.06 | 21.30 | 21.20 | | |
| 3 | 16QAM | 1 | 0 | 21.20 | 21.36 | 21.28 | 22.3 | 0 |
| 3 | 16QAM | 1 | 8 | 21.14 | 21.35 | 21.25 | | |
| 3 | 16QAM | 1 | 14 | 21.13 | 21.39 | 21.19 | | |
| 3 | 16QAM | 8 | 0 | 21.07 | 21.26 | 21.25 | 22.3 | 0 |
| 3 | 16QAM | 8 | 4 | 21.03 | 21.23 | 21.15 | | |
| 3 | 16QAM | 8 | 7 | 20.98 | 21.17 | 21.20 | | |
| 3 | 16QAM | 15 | 0 | 21.13 | 21.33 | 21.32 | | |
| 3 | 64QAM | 1 | 0 | 21.04 | 21.15 | 21.13 | 22.3 | 0 |
| 3 | 64QAM | 1 | 8 | 21.19 | 21.34 | 21.29 | | |
| 3 | 64QAM | 1 | 14 | 21.14 | 21.37 | 21.25 | | |
| 3 | 64QAM | 8 | 0 | 21.11 | 21.19 | 21.08 | 22.3 | 0 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.27 | 21.08 | | |
| 3 | 64QAM | 8 | 7 | 21.10 | 21.30 | 21.16 | | |
| 3 | 64QAM | 15 | 0 | 21.07 | 21.33 | 21.25 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.19 | 21.33 | 21.24 | 22.3 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.15 | 21.35 | 21.16 | | |
| 1.4 | QPSK | 1 | 5 | 21.09 | 21.27 | 21.08 | | |
| 1.4 | QPSK | 3 | 0 | 21.15 | 21.33 | 21.20 | | |
| 1.4 | QPSK | 3 | 1 | 21.14 | 21.32 | 21.17 | | |
| 1.4 | QPSK | 3 | 3 | 21.15 | 21.32 | 21.29 | | |
| 1.4 | QPSK | 6 | 0 | 21.10 | 21.24 | 21.24 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.24 | 21.41 | 21.18 | 22.3 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.10 | 21.40 | 21.18 | | |
| 1.4 | 16QAM | 1 | 5 | 21.07 | 21.38 | 21.24 | | |
| 1.4 | 16QAM | 3 | 0 | 21.11 | 21.21 | 21.21 | | |
| 1.4 | 16QAM | 3 | 1 | 21.03 | 21.19 | 21.16 | | |
| 1.4 | 16QAM | 3 | 3 | 20.98 | 21.16 | 21.21 | | |
| 1.4 | 16QAM | 6 | 0 | 21.16 | 21.34 | 21.33 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.15 | 21.26 | 21.21 | 22.3 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.20 | 21.33 | 21.35 | | |
| 1.4 | 64QAM | 1 | 5 | 21.16 | 21.41 | 21.25 | | |
| 1.4 | 64QAM | 3 | 0 | 21.01 | 21.26 | 21.11 | | |
| 1.4 | 64QAM | 3 | 1 | 21.11 | 21.25 | 21.09 | | |
| 1.4 | 64QAM | 3 | 3 | 21.19 | 21.25 | 21.16 | | |
| 1.4 | 64QAM | 6 | 0 | 21.06 | 21.26 | 21.19 | 22.3 | 0 |

GSM1900 Ant 1 DSI13

| 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 | 26.51 | 26.35 | 26.44 | 27.80 | 17.51 | 17.35 | 17.44 | 18.80 |
| GPRS 1 Tx slot | 26.44 | 26.29 | 26.38 | 27.80 | 17.44 | 17.29 | 17.38 | 18.80 |
| GPRS 2 Tx slots | 24.19 | 24.14 | 24.35 | 24.80 | 18.19 | 18.14 | 18.35 | 18.80 |
| GPRS 3 Tx slots | 22.08 | 21.96 | 22.12 | 23.00 | 17.82 | 17.70 | 17.86 | 18.74 |
| GPRS 4 Tx slots | 19.95 | 20.12 | 20.03 | 21.80 | 16.95 | 17.12 | 17.03 | 18.80 |
| EDGE 1 Tx slot | 25.27 | 25.19 | 25.24 | 27.00 | 16.27 | 16.19 | 16.24 | 18.00 |
| EDGE 2 Tx slots | 22.47 | 22.36 | 22.36 | 24.00 | 16.47 | 16.36 | 16.36 | 18.00 |
| EDGE 3 Tx slots | 20.26 | 20.21 | 20.32 | 22.20 | 16.00 | 15.95 | 16.06 | 17.94 |
| EDGE 4 Tx slots | 19.18 | 19.09 | 19.12 | 21.00 | 16.18 | 16.09 | 16.12 | 18.00 |

WCDMA II Ant 1 DSI13 / WCDMA IV Ant 1 DSI13

| 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 | 19.96 | 20.07 | 20.03 | 20.90 | 19.96 | 20.04 | 19.88 | 20.80 |
| 3GPP Rel 99 | RMC 12.2Kbps | 20.12 | 20.16 | 20.11 | 20.90 | 20.10 | 20.12 | 20.01 | 20.80 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.28 | 19.38 | 19.53 | 20.10 | 19.32 | 19.29 | 19.20 | 19.80 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.30 | 19.49 | 19.28 | 20.10 | 19.16 | 19.35 | 19.16 | 19.80 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.73 | 18.80 | 18.76 | 19.40 | 18.91 | 18.97 | 18.68 | 19.30 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.77 | 18.71 | 18.80 | 19.40 | 18.71 | 18.93 | 18.70 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 19.27 | 19.58 | 19.49 | 20.10 | 19.07 | 19.42 | 19.20 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 19.30 | 19.68 | 19.46 | 20.10 | 19.21 | 19.18 | 19.40 | 19.80 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 18.81 | 18.84 | 18.83 | 19.40 | 18.63 | 18.71 | 18.65 | 19.30 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 18.89 | 19.00 | 18.76 | 19.40 | 18.63 | 18.85 | 18.37 | 19.30 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.52 | 19.49 | 19.34 | 20.10 | 19.41 | 19.38 | 19.31 | 19.80 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.21 | 16.25 | 16.15 | 16.90 | 17.18 | 17.26 | 17.10 | 17.80 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.30 | 17.22 | 17.20 | 17.90 | 18.22 | 18.35 | 18.24 | 18.80 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.36 | 16.31 | 16.22 | 16.90 | 17.35 | 17.41 | 17.30 | 17.80 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 19.42 | 19.69 | 19.62 | 20.10 | 19.01 | 19.30 | 19.15 | 19.80 |

## Band 2 Ant 1 DSI13

| BW [MHz] | 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 | 19.61 | 19.66 | 19.52 | 20.9 | 0 |
| 20 | QPSK | 1 | 49 | 19.40 | 19.52 | 19.47 | | |
| 20 | QPSK | 1 | 99 | 19.49 | 19.63 | 19.59 | | |
| 20 | QPSK | 50 | 0 | 19.53 | 19.61 | 19.58 | 20.9 | 0 |
| 20 | QPSK | 50 | 24 | 19.40 | 19.51 | 19.43 | | |
| 20 | QPSK | 50 | 50 | 19.48 | 19.57 | 19.54 | | |
| 20 | QPSK | 100 | 0 | 19.39 | 19.48 | 19.34 | | |
| 20 | 16QAM | 1 | 0 | 19.54 | 19.62 | 19.54 | 20.9 | 0 |
| 20 | 16QAM | 1 | 49 | 19.46 | 19.52 | 19.39 | | |
| 20 | 16QAM | 1 | 99 | 19.49 | 19.58 | 19.44 | | |
| 20 | 16QAM | 50 | 0 | 19.53 | 19.64 | 19.55 | 20.9 | 0 |
| 20 | 16QAM | 50 | 24 | 19.41 | 19.53 | 19.49 | | |
| 20 | 16QAM | 50 | 50 | 19.46 | 19.55 | 19.48 | | |
| 20 | 16QAM | 100 | 0 | 19.58 | 19.65 | 19.53 | | |
| 20 | 64QAM | 1 | 0 | 19.58 | 19.64 | 19.50 | 20.9 | 0 |
| 20 | 64QAM | 1 | 49 | 19.47 | 19.60 | 19.53 | | |
| 20 | 64QAM | 1 | 99 | 19.34 | 19.48 | 19.43 | | |
| 20 | 64QAM | 50 | 0 | 19.55 | 19.62 | 19.52 | 20.9 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.46 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.56 | 19.63 | 19.52 | | |
| 20 | 64QAM | 100 | 0 | 19.56 | 19.60 | 19.46 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 19.51 | 19.62 | 19.41 | 20.9 | 0 |
| 15 | QPSK | 1 | 37 | 19.34 | 19.45 | 19.34 | | |
| 15 | QPSK | 1 | 74 | 19.37 | 19.49 | 19.46 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.55 | 19.48 | 20.9 | 0 |
| 15 | QPSK | 36 | 20 | 19.33 | 19.38 | 19.35 | | |
| 15 | QPSK | 36 | 39 | 19.36 | 19.42 | 19.47 | | |
| 15 | QPSK | 75 | 0 | 19.33 | 19.35 | 19.30 | | |
| 15 | 16QAM | 1 | 0 | 19.44 | 19.53 | 19.50 | 20.9 | 0 |
| 15 | 16QAM | 1 | 37 | 19.42 | 19.42 | 19.25 | | |
| 15 | 16QAM | 1 | 74 | 19.42 | 19.45 | 19.31 | | |
| 15 | 16QAM | 36 | 0 | 19.40 | 19.51 | 19.47 | 20.9 | 0 |
| 15 | 16QAM | 36 | 20 | 19.34 | 19.39 | 19.35 | | |
| 15 | 16QAM | 36 | 39 | 19.42 | 19.42 | 19.37 | | |
| 15 | 16QAM | 75 | 0 | 19.48 | 19.59 | 19.43 | | |
| 15 | 64QAM | 1 | 0 | 19.54 | 19.58 | 19.42 | 20.9 | 0 |
| 15 | 64QAM | 1 | 37 | 19.34 | 19.50 | 19.40 | | |
| 15 | 64QAM | 1 | 74 | 19.20 | 19.36 | 19.39 | | |
| 15 | 64QAM | 36 | 0 | 19.41 | 19.49 | 19.39 | 20.9 | 0 |
| 15 | 64QAM | 36 | 20 | 19.40 | 19.38 | 19.25 | | |
| 15 | 64QAM | 36 | 39 | 19.51 | 19.60 | 19.48 | | |
| 15 | 64QAM | 75 | 0 | 19.51 | 19.50 | 19.34 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 19.49 | 19.60 | 19.47 | 20.9 | 0 |
| 10 | QPSK | 1 | 25 | 19.30 | 19.37 | 19.36 | | |
| 10 | QPSK | 1 | 49 | 19.46 | 19.56 | 19.51 | | |
| 10 | QPSK | 25 | 0 | 19.43 | 19.48 | 19.47 | 20.9 | 0 |
| 10 | QPSK | 25 | 12 | 19.27 | 19.47 | 19.38 | | |
| 10 | QPSK | 25 | 25 | 19.35 | 19.43 | 19.48 | | |
| 10 | QPSK | 50 | 0 | 19.31 | 19.34 | 19.22 | | |
| 10 | 16QAM | 1 | 0 | 19.49 | 19.50 | 19.47 | 20.9 | 0 |
| 10 | 16QAM | 1 | 25 | 19.31 | 19.45 | 19.25 | | |
| 10 | 16QAM | 1 | 49 | 19.37 | 19.44 | 19.30 | | |
| 10 | 16QAM | 25 | 0 | 19.43 | 19.55 | 19.47 | 20.9 | 0 |
| 10 | 16QAM | 25 | 12 | 19.31 | 19.42 | 19.35 | | |
| 10 | 16QAM | 25 | 25 | 19.31 | 19.45 | 19.39 | | |
| 10 | 16QAM | 50 | 0 | 19.46 | 19.58 | 19.50 | | |
| 10 | 64QAM | 1 | 0 | 19.51 | 19.58 | 19.37 | 20.9 | 0 |
| 10 | 64QAM | 1 | 25 | 19.40 | 19.52 | 19.49 | | |
| 10 | 64QAM | 1 | 49 | 19.20 | 19.37 | 19.32 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.47 | 19.38 | 20.9 | 0 |
| 10 | 64QAM | 25 | 12 | 19.29 | 19.41 | 19.35 | | |
| 10 | 64QAM | 25 | 25 | 19.51 | 19.50 | 19.39 | | |
| 10 | 64QAM | 50 | 0 | 19.50 | 19.48 | 19.38 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 19.52 | 19.55 | 19.42 | 20.9 | 0 |
| 5 | QPSK | 1 | 12 | 19.31 | 19.41 | 19.40 | | |
| 5 | QPSK | 1 | 24 | 19.39 | 19.54 | 19.45 | | |
| 5 | QPSK | 12 | 0 | 19.44 | 19.58 | 19.47 | 20.9 | 0 |
| 5 | QPSK | 12 | 7 | 19.28 | 19.48 | 19.34 | | |
| 5 | QPSK | 12 | 13 | 19.42 | 19.51 | 19.48 | | |
| 5 | QPSK | 25 | 0 | 19.29 | 19.41 | 19.26 | | |
| 5 | 16QAM | 1 | 0 | 19.42 | 19.56 | 19.45 | 20.9 | 0 |
| 5 | 16QAM | 1 | 12 | 19.39 | 19.37 | 19.30 | | |
| 5 | 16QAM | 1 | 24 | 19.37 | 19.49 | 19.30 | | |
| 5 | 16QAM | 12 | 0 | 19.38 | 19.58 | 19.41 | 20.9 | 0 |
| 5 | 16QAM | 12 | 7 | 19.29 | 19.42 | 19.38 | | |
| 5 | 16QAM | 12 | 13 | 19.34 | 19.50 | 19.36 | | |
| 5 | 16QAM | 25 | 0 | 19.48 | 19.53 | 19.46 | | |
| 5 | 64QAM | 1 | 0 | 19.46 | 19.50 | 19.42 | 20.9 | 0 |
| 5 | 64QAM | 1 | 12 | 19.43 | 19.54 | 19.41 | | |
| 5 | 64QAM | 1 | 24 | 19.27 | 19.42 | 19.38 | | |
| 5 | 64QAM | 12 | 0 | 19.49 | 19.55 | 19.43 | 20.9 | 0 |
| 5 | 64QAM | 12 | 7 | 19.39 | 19.34 | 19.26 | | |
| 5 | 64QAM | 12 | 13 | 19.46 | 19.55 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.46 | 19.37 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 19.50 | 19.54 | 19.49 | 20.9 | 0 |
| 3 | QPSK | 1 | 8 | 19.26 | 19.48 | 19.34 | | |
| 3 | QPSK | 1 | 14 | 19.35 | 19.59 | 19.47 | | |
| 3 | QPSK | 8 | 0 | 19.40 | 19.52 | 19.44 | 20.9 | 0 |
| 3 | QPSK | 8 | 4 | 19.32 | 19.48 | 19.29 | | |
| 3 | QPSK | 8 | 7 | 19.41 | 19.47 | 19.50 | | |
| 3 | QPSK | 15 | 0 | 19.31 | 19.37 | 19.30 | | |
| 3 | 16QAM | 1 | 0 | 19.45 | 19.58 | 19.49 | 20.9 | 0 |
| 3 | 16QAM | 1 | 8 | 19.43 | 19.40 | 19.31 | | |
| 3 | 16QAM | 1 | 14 | 19.38 | 19.51 | 19.36 | | |
| 3 | 16QAM | 8 | 0 | 19.40 | 19.59 | 19.42 | 20.9 | 0 |
| 3 | 16QAM | 8 | 4 | 19.28 | 19.39 | 19.38 | | |
| 3 | 16QAM | 8 | 7 | 19.38 | 19.44 | 19.38 | | |
| 3 | 16QAM | 15 | 0 | 19.51 | 19.59 | 19.43 | | |
| 3 | 64QAM | 1 | 0 | 19.44 | 19.50 | 19.41 | 20.9 | 0 |
| 3 | 64QAM | 1 | 8 | 19.37 | 19.48 | 19.44 | | |
| 3 | 64QAM | 1 | 14 | 19.21 | 19.41 | 19.35 | | |
| 3 | 64QAM | 8 | 0 | 19.44 | 19.56 | 19.41 | 20.9 | 0 |
| 3 | 64QAM | 8 | 4 | 19.35 | 19.36 | 19.29 | | |
| 3 | 64QAM | 8 | 7 | 19.47 | 19.52 | 19.42 | | |
| 3 | 64QAM | 15 | 0 | 19.46 | 19.54 | 19.42 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.57 | 19.61 | 19.49 | 20.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.31 | 19.41 | 19.33 | | |
| 1.4 | QPSK | 1 | 5 | 19.39 | 19.52 | 19.48 | | |
| 1.4 | QPSK | 3 | 0 | 19.43 | 19.51 | 19.51 | | |
| 1.4 | QPSK | 3 | 1 | 19.27 | 19.40 | 19.34 | | |
| 1.4 | QPSK | 3 | 3 | 19.39 | 19.44 | 19.41 | | |
| 1.4 | QPSK | 6 | 0 | 19.31 | 19.38 | 19.27 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.49 | 19.58 | 19.49 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.33 | 19.38 | 19.26 | | |
| 1.4 | 16QAM | 1 | 5 | 19.39 | 19.50 | 19.35 | | |
| 1.4 | 16QAM | 3 | 0 | 19.42 | 19.60 | 19.49 | | |
| 1.4 | 16QAM | 3 | 1 | 19.33 | 19.49 | 19.43 | | |
| 1.4 | 16QAM | 3 | 3 | 19.42 | 19.49 | 19.45 | | |
| 1.4 | 16QAM | 6 | 0 | 19.55 | 19.51 | 19.49 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.53 | 19.60 | 19.39 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.42 | 19.47 | 19.48 | | |
| 1.4 | 64QAM | 1 | 5 | 19.19 | 19.35 | 19.32 | | |
| 1.4 | 64QAM | 3 | 0 | 19.44 | 19.48 | 19.45 | | |
| 1.4 | 64QAM | 3 | 1 | 19.32 | 19.43 | 19.32 | | |
| 1.4 | 64QAM | 3 | 3 | 19.45 | 19.48 | 19.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.46 | 19.49 | 19.37 | 20.9 | 0 |

## Band 4 Ant 1 DSI13

| BW [MHz] | 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 | 19.47 | 19.61 | 19.56 | 20.8 | 0 |
| 20 | QPSK | 1 | 49 | 19.38 | 19.43 | 19.31 | | |
| 20 | QPSK | 1 | 99 | 19.41 | 19.45 | 19.33 | | |
| 20 | QPSK | 50 | 0 | 19.46 | 19.57 | 19.48 | 20.8 | 0 |
| 20 | QPSK | 50 | 24 | 19.38 | 19.43 | 19.32 | | |
| 20 | QPSK | 50 | 50 | 19.40 | 19.47 | 19.38 | | |
| 20 | QPSK | 100 | 0 | 19.38 | 19.44 | 19.40 | | |
| 20 | 16QAM | 1 | 0 | 19.40 | 19.54 | 19.45 | 20.8 | 0 |
| 20 | 16QAM | 1 | 49 | 19.52 | 19.56 | 19.49 | | |
| 20 | 16QAM | 1 | 99 | 19.45 | 19.52 | 19.45 | | |
| 20 | 16QAM | 50 | 0 | 19.39 | 19.52 | 19.48 | 20.8 | 0 |
| 20 | 16QAM | 50 | 24 | 19.46 | 19.55 | 19.51 | | |
| 20 | 16QAM | 50 | 50 | 19.38 | 19.45 | 19.34 | | |
| 20 | 16QAM | 100 | 0 | 19.45 | 19.51 | 19.47 | | |
| 20 | 64QAM | 1 | 0 | 19.36 | 19.42 | 19.30 | 20.8 | 0 |
| 20 | 64QAM | 1 | 49 | 19.39 | 19.46 | 19.35 | | |
| 20 | 64QAM | 1 | 99 | 19.51 | 19.60 | 19.50 | | |
| 20 | 64QAM | 50 | 0 | 19.48 | 19.52 | 19.45 | 20.8 | 0 |
| 20 | 64QAM | 50 | 24 | 19.39 | 19.53 | 19.49 | | |
| 20 | 64QAM | 50 | 50 | 19.31 | 19.44 | 19.30 | | |
| 20 | 64QAM | 100 | 0 | 19.42 | 19.50 | 19.46 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 19.41 | 19.56 | 19.46 | 20.8 | 0 |
| 15 | QPSK | 1 | 37 | 19.29 | 19.39 | 19.17 | | |
| 15 | QPSK | 1 | 74 | 19.29 | 19.33 | 19.26 | | |
| 15 | QPSK | 36 | 0 | 19.35 | 19.43 | 19.40 | 20.8 | 0 |
| 15 | QPSK | 36 | 20 | 19.24 | 19.31 | 19.26 | | |
| 15 | QPSK | 36 | 39 | 19.28 | 19.36 | 19.25 | | |
| 15 | QPSK | 75 | 0 | 19.28 | 19.40 | 19.30 | | |
| 15 | 16QAM | 1 | 0 | 19.32 | 19.39 | 19.38 | 20.8 | 0 |
| 15 | 16QAM | 1 | 37 | 19.43 | 19.45 | 19.40 | | |
| 15 | 16QAM | 1 | 74 | 19.41 | 19.40 | 19.33 | | |
| 15 | 16QAM | 36 | 0 | 19.29 | 19.44 | 19.33 | 20.8 | 0 |
| 15 | 16QAM | 36 | 20 | 19.33 | 19.44 | 19.45 | | |
| 15 | 16QAM | 36 | 39 | 19.23 | 19.41 | 19.27 | | |
| 15 | 16QAM | 75 | 0 | 19.36 | 19.42 | 19.37 | | |
| 15 | 64QAM | 1 | 0 | 19.22 | 19.34 | 19.20 | 20.8 | 0 |
| 15 | 64QAM | 1 | 37 | 19.27 | 19.32 | 19.23 | | |
| 15 | 64QAM | 1 | 74 | 19.40 | 19.49 | 19.37 | | |
| 15 | 64QAM | 36 | 0 | 19.37 | 19.42 | 19.38 | 20.8 | 0 |
| 15 | 64QAM | 36 | 20 | 19.24 | 19.46 | 19.39 | | |
| 15 | 64QAM | 36 | 39 | 19.18 | 19.33 | 19.22 | | |
| 15 | 64QAM | 75 | 0 | 19.29 | 19.41 | 19.38 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.36 | 19.46 | 19.43 | 20.8 | 0 |
| 10 | QPSK | 1 | 25 | 19.30 | 19.31 | 19.18 | | |
| 10 | QPSK | 1 | 49 | 19.29 | 19.34 | 19.21 | | |
| 10 | QPSK | 25 | 0 | 19.39 | 19.48 | 19.40 | 20.8 | 0 |
| 10 | QPSK | 25 | 12 | 19.33 | 19.33 | 19.26 | | |
| 10 | QPSK | 25 | 25 | 19.26 | 19.42 | 19.29 | | |
| 10 | QPSK | 50 | 0 | 19.29 | 19.33 | 19.32 | | |
| 10 | 16QAM | 1 | 0 | 19.34 | 19.42 | 19.40 | 20.8 | 0 |
| 10 | 16QAM | 1 | 25 | 19.46 | 19.46 | 19.36 | | |
| 10 | 16QAM | 1 | 49 | 19.36 | 19.39 | 19.41 | | |
| 10 | 16QAM | 25 | 0 | 19.25 | 19.48 | 19.43 | 20.8 | 0 |
| 10 | 16QAM | 25 | 12 | 19.39 | 19.42 | 19.46 | | |
| 10 | 16QAM | 25 | 25 | 19.26 | 19.39 | 19.29 | | |
| 10 | 16QAM | 50 | 0 | 19.40 | 19.42 | 19.40 | | |
| 10 | 64QAM | 1 | 0 | 19.25 | 19.33 | 19.21 | 20.8 | 0 |
| 10 | 64QAM | 1 | 25 | 19.28 | 19.35 | 19.20 | | |
| 10 | 64QAM | 1 | 49 | 19.42 | 19.52 | 19.40 | | |
| 10 | 64QAM | 25 | 0 | 19.40 | 19.37 | 19.40 | 20.8 | 0 |
| 10 | 64QAM | 25 | 12 | 19.25 | 19.48 | 19.42 | | |
| 10 | 64QAM | 25 | 25 | 19.19 | 19.35 | 19.16 | | |
| 10 | 64QAM | 50 | 0 | 19.32 | 19.40 | 19.39 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 19.38 | 19.49 | 19.42 | 20.8 | 0 |
| 5 | QPSK | 1 | 12 | 19.25 | 19.38 | 19.24 | | |
| 5 | QPSK | 1 | 24 | 19.28 | 19.37 | 19.23 | | |
| 5 | QPSK | 12 | 0 | 19.41 | 19.43 | 19.42 | 20.8 | 0 |
| 5 | QPSK | 12 | 7 | 19.34 | 19.30 | 19.29 | | |
| 5 | QPSK | 12 | 13 | 19.29 | 19.33 | 19.31 | | |
| 5 | QPSK | 25 | 0 | 19.33 | 19.41 | 19.31 | | |
| 5 | 16QAM | 1 | 0 | 19.31 | 19.45 | 19.36 | 20.8 | 0 |
| 5 | 16QAM | 1 | 12 | 19.47 | 19.50 | 19.40 | | |
| 5 | 16QAM | 1 | 24 | 19.31 | 19.39 | 19.38 | | |
| 5 | 16QAM | 12 | 0 | 19.32 | 19.46 | 19.38 | 20.8 | 0 |
| 5 | 16QAM | 12 | 7 | 19.39 | 19.40 | 19.44 | | |
| 5 | 16QAM | 12 | 13 | 19.33 | 19.36 | 19.20 | | |
| 5 | 16QAM | 25 | 0 | 19.41 | 19.43 | 19.42 | | |
| 5 | 64QAM | 1 | 0 | 19.24 | 19.34 | 19.21 | 20.8 | 0 |
| 5 | 64QAM | 1 | 12 | 19.36 | 19.38 | 19.27 | | |
| 5 | 64QAM | 1 | 24 | 19.46 | 19.47 | 19.42 | | |
| 5 | 64QAM | 12 | 0 | 19.41 | 19.38 | 19.41 | 20.8 | 0 |
| 5 | 64QAM | 12 | 7 | 19.29 | 19.47 | 19.46 | | |
| 5 | 64QAM | 12 | 13 | 19.19 | 19.38 | 19.17 | | |
| 5 | 64QAM | 25 | 0 | 19.28 | 19.47 | 19.40 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 19.40 | 19.50 | 19.53 | 20.8 | 0 |
| 3 | QPSK | 1 | 8 | 19.24 | 19.36 | 19.22 | | |
| 3 | QPSK | 1 | 14 | 19.37 | 19.33 | 19.22 | | |
| 3 | QPSK | 8 | 0 | 19.35 | 19.50 | 19.39 | 20.8 | 0 |
| 3 | QPSK | 8 | 4 | 19.34 | 19.38 | 19.23 | | |
| 3 | QPSK | 8 | 7 | 19.25 | 19.40 | 19.33 | | |
| 3 | QPSK | 15 | 0 | 19.31 | 19.36 | 19.32 | | |
| 3 | 16QAM | 1 | 0 | 19.26 | 19.40 | 19.42 | 20.8 | 0 |
| 3 | 16QAM | 1 | 8 | 19.49 | 19.45 | 19.38 | | |
| 3 | 16QAM | 1 | 14 | 19.40 | 19.42 | 19.34 | | |
| 3 | 16QAM | 8 | 0 | 19.36 | 19.49 | 19.36 | 20.8 | 0 |
| 3 | 16QAM | 8 | 4 | 19.35 | 19.48 | 19.46 | | |
| 3 | 16QAM | 8 | 7 | 19.23 | 19.39 | 19.23 | | |
| 3 | 16QAM | 15 | 0 | 19.40 | 19.45 | 19.44 | | |
| 3 | 64QAM | 1 | 0 | 19.30 | 19.34 | 19.23 | 20.8 | 0 |
| 3 | 64QAM | 1 | 8 | 19.25 | 19.35 | 19.25 | | |
| 3 | 64QAM | 1 | 14 | 19.48 | 19.49 | 19.38 | | |
| 3 | 64QAM | 8 | 0 | 19.36 | 19.47 | 19.33 | 20.8 | 0 |
| 3 | 64QAM | 8 | 4 | 19.25 | 19.38 | 19.43 | | |
| 3 | 64QAM | 8 | 7 | 19.27 | 19.39 | 19.16 | | |
| 3 | 64QAM | 15 | 0 | 19.36 | 19.41 | 19.36 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.35 | 19.52 | 19.43 | 20.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.32 | 19.30 | 19.26 | | |
| 1.4 | QPSK | 1 | 5 | 19.27 | 19.33 | 19.25 | | |
| 1.4 | QPSK | 3 | 0 | 19.38 | 19.49 | 19.41 | | |
| 1.4 | QPSK | 3 | 1 | 19.24 | 19.32 | 19.28 | | |
| 1.4 | QPSK | 3 | 3 | 19.30 | 19.39 | 19.31 | | |
| 1.4 | QPSK | 6 | 0 | 19.34 | 19.40 | 19.33 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.33 | 19.48 | 19.38 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.43 | 19.48 | 19.39 | | |
| 1.4 | 16QAM | 1 | 5 | 19.36 | 19.48 | 19.32 | | |
| 1.4 | 16QAM | 3 | 0 | 19.35 | 19.39 | 19.43 | | |
| 1.4 | 16QAM | 3 | 1 | 19.31 | 19.47 | 19.47 | | |
| 1.4 | 16QAM | 3 | 3 | 19.32 | 19.35 | 19.30 | | |
| 1.4 | 16QAM | 6 | 0 | 19.32 | 19.43 | 19.38 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.29 | 19.36 | 19.23 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.24 | 19.39 | 19.31 | | |
| 1.4 | 64QAM | 1 | 5 | 19.43 | 19.45 | 19.37 | | |
| 1.4 | 64QAM | 3 | 0 | 19.34 | 19.46 | 19.40 | | |
| 1.4 | 64QAM | 3 | 1 | 19.36 | 19.48 | 19.36 | | |
| 1.4 | 64QAM | 3 | 3 | 19.26 | 19.34 | 19.16 | | |
| 1.4 | 64QAM | 6 | 0 | 19.33 | 19.37 | 19.37 | 20.8 | 0 |

## Band 7 Ant 1 DSI13

| BW [MHz] | 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 | 18.24 | 18.41 | 18.33 | 19.7 | 0 |
| 20 | QPSK | 1 | 49 | 18.31 | 18.37 | 18.25 | | |
| 20 | QPSK | 1 | 99 | 18.12 | 18.24 | 18.17 | | |
| 20 | QPSK | 50 | 0 | 18.35 | 18.38 | 18.29 | 19.7 | 0 |
| 20 | QPSK | 50 | 24 | 18.22 | 18.26 | 18.18 | | |
| 20 | QPSK | 50 | 50 | 18.18 | 18.31 | 18.21 | | |
| 20 | QPSK | 100 | 0 | 18.33 | 18.40 | 18.30 | | |
| 20 | 16QAM | 1 | 0 | 18.19 | 18.23 | 18.09 | 19.7 | 0 |
| 20 | 16QAM | 1 | 49 | 18.29 | 18.38 | 18.23 | | |
| 20 | 16QAM | 1 | 99 | 18.21 | 18.29 | 18.19 | | |
| 20 | 16QAM | 50 | 0 | 18.24 | 18.36 | 18.32 | 19.7 | 0 |
| 20 | 16QAM | 50 | 24 | 18.21 | 18.24 | 18.17 | | |
| 20 | 16QAM | 50 | 50 | 18.24 | 18.28 | 18.20 | | |
| 20 | 16QAM | 100 | 0 | 18.17 | 18.32 | 18.19 | | |
| 20 | 64QAM | 1 | 0 | 18.29 | 18.33 | 18.22 | 19.7 | 0 |
| 20 | 64QAM | 1 | 49 | 18.25 | 18.30 | 18.22 | | |
| 20 | 64QAM | 1 | 99 | 18.22 | 18.27 | 18.20 | | |
| 20 | 64QAM | 50 | 0 | 18.16 | 18.23 | 18.20 | 19.7 | 0 |
| 20 | 64QAM | 50 | 24 | 18.15 | 18.23 | 18.11 | | |
| 20 | 64QAM | 50 | 50 | 18.25 | 18.39 | 18.33 | | |
| 20 | 64QAM | 100 | 0 | 18.27 | 18.38 | 18.29 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 18.17 | 18.29 | 18.28 | 19.7 | 0 |
| 15 | QPSK | 1 | 37 | 18.27 | 18.26 | 18.18 | | |
| 15 | QPSK | 1 | 74 | 17.99 | 18.09 | 18.06 | | |
| 15 | QPSK | 36 | 0 | 18.28 | 18.26 | 18.15 | 19.7 | 0 |
| 15 | QPSK | 36 | 20 | 18.08 | 18.23 | 18.14 | | |
| 15 | QPSK | 36 | 39 | 18.06 | 18.20 | 18.12 | | |
| 15 | QPSK | 75 | 0 | 18.30 | 18.32 | 18.24 | | |
| 15 | 16QAM | 1 | 0 | 18.15 | 18.10 | 18.00 | 19.7 | 0 |
| 15 | 16QAM | 1 | 37 | 18.19 | 18.29 | 18.09 | | |
| 15 | 16QAM | 1 | 74 | 18.12 | 18.24 | 18.11 | | |
| 15 | 16QAM | 36 | 0 | 18.15 | 18.26 | 18.29 | 19.7 | 0 |
| 15 | 16QAM | 36 | 20 | 18.06 | 18.17 | 18.07 | | |
| 15 | 16QAM | 36 | 39 | 18.13 | 18.24 | 18.15 | | |
| 15 | 16QAM | 75 | 0 | 18.03 | 18.20 | 18.15 | | |
| 15 | 64QAM | 1 | 0 | 18.25 | 18.21 | 18.10 | 19.7 | 0 |
| 15 | 64QAM | 1 | 37 | 18.19 | 18.21 | 18.10 | | |
| 15 | 64QAM | 1 | 74 | 18.09 | 18.23 | 18.06 | | |
| 15 | 64QAM | 36 | 0 | 18.06 | 18.15 | 18.10 | 19.7 | 0 |
| 15 | 64QAM | 36 | 20 | 18.06 | 18.16 | 18.06 | | |
| 15 | 64QAM | 36 | 39 | 18.19 | 18.27 | 18.19 | | |
| 15 | 64QAM | 75 | 0 | 18.18 | 18.28 | 18.21 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 18.13 | 18.29 | 18.21 | 19.7 | 0 |
| 10 | QPSK | 1 | 25 | 18.26 | 18.34 | 18.21 | | |
| 10 | QPSK | 1 | 49 | 18.03 | 18.18 | 18.05 | | |
| 10 | QPSK | 25 | 0 | 18.32 | 18.27 | 18.19 | 19.7 | 0 |
| 10 | QPSK | 25 | 12 | 18.16 | 18.15 | 18.15 | | |
| 10 | QPSK | 25 | 25 | 18.07 | 18.25 | 18.17 | | |
| 10 | QPSK | 50 | 0 | 18.19 | 18.33 | 18.19 | | |
| 10 | 16QAM | 1 | 0 | 18.10 | 18.16 | 18.05 | 19.7 | 0 |
| 10 | 16QAM | 1 | 25 | 18.17 | 18.27 | 18.19 | | |
| 10 | 16QAM | 1 | 49 | 18.12 | 18.16 | 18.07 | | |
| 10 | 16QAM | 25 | 0 | 18.18 | 18.28 | 18.23 | 19.7 | 0 |
| 10 | 16QAM | 25 | 12 | 18.15 | 18.19 | 18.13 | | |
| 10 | 16QAM | 25 | 25 | 18.20 | 18.15 | 18.06 | | |
| 10 | 16QAM | 50 | 0 | 18.14 | 18.22 | 18.10 | | |
| 10 | 64QAM | 1 | 0 | 18.19 | 18.28 | 18.10 | 19.7 | 0 |
| 10 | 64QAM | 1 | 25 | 18.22 | 18.27 | 18.12 | | |
| 10 | 64QAM | 1 | 49 | 18.08 | 18.18 | 18.08 | | |
| 10 | 64QAM | 25 | 0 | 18.11 | 18.12 | 18.11 | 19.7 | 0 |
| 10 | 64QAM | 25 | 12 | 18.08 | 18.10 | 17.97 | | |
| 10 | 64QAM | 25 | 25 | 18.10 | 18.26 | 18.20 | | |
| 10 | 64QAM | 50 | 0 | 18.22 | 18.31 | 18.17 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 18.14 | 18.33 | 18.23 | 19.7 | 0 |
| 5 | QPSK | 1 | 12 | 18.22 | 18.27 | 18.13 | | |
| 5 | QPSK | 1 | 24 | 18.04 | 18.11 | 18.08 | | |
| 5 | QPSK | 12 | 0 | 18.30 | 18.31 | 18.24 | 19.7 | 0 |
| 5 | QPSK | 12 | 7 | 18.13 | 18.14 | 18.05 | | |
| 5 | QPSK | 12 | 13 | 18.06 | 18.21 | 18.13 | | |
| 5 | QPSK | 25 | 0 | 18.23 | 18.25 | 18.24 | | |
| 5 | 16QAM | 1 | 0 | 18.10 | 18.09 | 18.03 | 19.7 | 0 |
| 5 | 16QAM | 1 | 12 | 18.25 | 18.30 | 18.18 | | |
| 5 | 16QAM | 1 | 24 | 18.06 | 18.24 | 18.10 | | |
| 5 | 16QAM | 12 | 0 | 18.18 | 18.23 | 18.27 | 19.7 | 0 |
| 5 | 16QAM | 12 | 7 | 18.17 | 18.14 | 18.04 | | |
| 5 | 16QAM | 12 | 13 | 18.12 | 18.13 | 18.13 | | |
| 5 | 16QAM | 25 | 0 | 18.06 | 18.20 | 18.13 | | |
| 5 | 64QAM | 1 | 0 | 18.20 | 18.30 | 18.17 | 19.7 | 0 |
| 5 | 64QAM | 1 | 12 | 18.22 | 18.18 | 18.13 | | |
| 5 | 64QAM | 1 | 24 | 18.11 | 18.18 | 18.15 | | |
| 5 | 64QAM | 12 | 0 | 18.06 | 18.15 | 18.05 | 19.7 | 0 |
| 5 | 64QAM | 12 | 7 | 18.10 | 18.11 | 18.00 | | |
| 5 | 64QAM | 12 | 13 | 18.19 | 18.30 | 18.28 | | |
| 5 | 64QAM | 25 | 0 | 18.22 | 18.28 | 18.23 | | |

## Band 25 Ant 1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 19.60 | 19.69 | 19.52 | 20.9 | 0 |
| 20 | QPSK | 1 | 49 | 19.42 | 19.50 | 19.36 | | |
| 20 | QPSK | 1 | 99 | 19.50 | 19.65 | 19.58 | | |
| 20 | QPSK | 50 | 0 | 19.52 | 19.66 | 19.59 | 20.9 | 0 |
| 20 | QPSK | 50 | 24 | 19.42 | 19.54 | 19.47 | | |
| 20 | QPSK | 50 | 50 | 19.40 | 19.52 | 19.41 | | |
| 20 | QPSK | 100 | 0 | 19.61 | 19.65 | 19.53 | | |
| 20 | 16QAM | 1 | 0 | 19.47 | 19.60 | 19.50 | 20.9 | 0 |
| 20 | 16QAM | 1 | 49 | 19.51 | 19.61 | 19.48 | | |
| 20 | 16QAM | 1 | 99 | 19.38 | 19.51 | 19.41 | | |
| 20 | 16QAM | 50 | 0 | 19.59 | 19.67 | 19.58 | 20.9 | 0 |
| 20 | 16QAM | 50 | 24 | 19.43 | 19.50 | 19.37 | | |
| 20 | 16QAM | 50 | 50 | 19.41 | 19.53 | 19.40 | | |
| 20 | 16QAM | 100 | 0 | 19.53 | 19.63 | 19.51 | | |
| 20 | 64QAM | 1 | 0 | 19.46 | 19.61 | 19.49 | 20.9 | 0 |
| 20 | 64QAM | 1 | 49 | 19.44 | 19.59 | 19.55 | | |
| 20 | 64QAM | 1 | 99 | 19.44 | 19.51 | 19.46 | | |
| 20 | 64QAM | 50 | 0 | 19.59 | 19.64 | 19.52 | 20.9 | 0 |
| 20 | 64QAM | 50 | 24 | 19.40 | 19.52 | 19.43 | | |
| 20 | 64QAM | 50 | 50 | 19.49 | 19.60 | 19.57 | | |
| 20 | 64QAM | 100 | 0 | 19.48 | 19.59 | 19.46 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 19.54 | 19.63 | 19.40 | 20.9 | 0 |
| 15 | QPSK | 1 | 37 | 19.29 | 19.39 | 19.30 | | |
| 15 | QPSK | 1 | 74 | 19.45 | 19.53 | 19.50 | | |
| 15 | QPSK | 36 | 0 | 19.43 | 19.62 | 19.45 | 20.9 | 0 |
| 15 | QPSK | 36 | 20 | 19.35 | 19.47 | 19.43 | | |
| 15 | QPSK | 36 | 39 | 19.29 | 19.45 | 19.35 | | |
| 15 | QPSK | 75 | 0 | 19.50 | 19.61 | 19.45 | | |
| 15 | 16QAM | 1 | 0 | 19.43 | 19.48 | 19.37 | 20.9 | 0 |
| 15 | 16QAM | 1 | 37 | 19.46 | 19.50 | 19.42 | | |
| 15 | 16QAM | 1 | 74 | 19.27 | 19.42 | 19.27 | | |
| 15 | 16QAM | 36 | 0 | 19.44 | 19.56 | 19.46 | 20.9 | 0 |
| 15 | 16QAM | 36 | 20 | 19.39 | 19.46 | 19.29 | | |
| 15 | 16QAM | 36 | 39 | 19.31 | 19.48 | 19.30 | | |
| 15 | 16QAM | 75 | 0 | 19.41 | 19.51 | 19.43 | | |
| 15 | 64QAM | 1 | 0 | 19.35 | 19.49 | 19.40 | 20.9 | 0 |
| 15 | 64QAM | 1 | 37 | 19.39 | 19.48 | 19.48 | | |
| 15 | 64QAM | 1 | 74 | 19.32 | 19.39 | 19.35 | | |
| 15 | 64QAM | 36 | 0 | 19.47 | 19.57 | 19.44 | 20.9 | 0 |
| 15 | 64QAM | 36 | 20 | 19.27 | 19.43 | 19.34 | | |
| 15 | 64QAM | 36 | 39 | 19.38 | 19.56 | 19.48 | | |
| 15 | 64QAM | 75 | 0 | 19.43 | 19.46 | 19.42 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 19.55 | 19.58 | 19.45 | 20.9 | 0 |
| 10 | QPSK | 1 | 25 | 19.31 | 19.44 | 19.24 | | |
| 10 | QPSK | 1 | 49 | 19.36 | 19.54 | 19.49 | | |
| 10 | QPSK | 25 | 0 | 19.43 | 19.53 | 19.53 | 20.9 | 0 |
| 10 | QPSK | 25 | 12 | 19.39 | 19.42 | 19.41 | | |
| 10 | QPSK | 25 | 25 | 19.36 | 19.38 | 19.38 | | |
| 10 | QPSK | 50 | 0 | 19.52 | 19.62 | 19.42 | | |
| 10 | 16QAM | 1 | 0 | 19.40 | 19.51 | 19.38 | 20.9 | 0 |
| 10 | 16QAM | 1 | 25 | 19.45 | 19.50 | 19.39 | | |
| 10 | 16QAM | 1 | 49 | 19.24 | 19.45 | 19.33 | | |
| 10 | 16QAM | 25 | 0 | 19.51 | 19.57 | 19.53 | 20.9 | 0 |
| 10 | 16QAM | 25 | 12 | 19.31 | 19.38 | 19.29 | | |
| 10 | 16QAM | 25 | 25 | 19.28 | 19.49 | 19.27 | | |
| 10 | 16QAM | 50 | 0 | 19.38 | 19.52 | 19.43 | | |
| 10 | 64QAM | 1 | 0 | 19.42 | 19.48 | 19.39 | 20.9 | 0 |
| 10 | 64QAM | 1 | 25 | 19.30 | 19.45 | 19.41 | | |
| 10 | 64QAM | 1 | 49 | 19.32 | 19.39 | 19.31 | | |
| 10 | 64QAM | 25 | 0 | 19.45 | 19.52 | 19.39 | 20.9 | 0 |
| 10 | 64QAM | 25 | 12 | 19.35 | 19.41 | 19.35 | | |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.57 | 19.42 | | |
| 10 | 64QAM | 50 | 0 | 19.37 | 19.54 | 19.42 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 19.50 | 19.66 | 19.38 | 20.9 | 0 |
| 5 | QPSK | 1 | 12 | 19.36 | 19.41 | 19.30 | | |
| 5 | QPSK | 1 | 24 | 19.46 | 19.59 | 19.52 | | |
| 5 | QPSK | 12 | 0 | 19.49 | 19.53 | 19.50 | 20.9 | 0 |
| 5 | QPSK | 12 | 7 | 19.30 | 19.50 | 19.37 | | |
| 5 | QPSK | 12 | 13 | 19.29 | 19.43 | 19.35 | | |
| 5 | QPSK | 25 | 0 | 19.52 | 19.53 | 19.48 | | |
| 5 | 16QAM | 1 | 0 | 19.35 | 19.55 | 19.43 | 20.9 | 0 |
| 5 | 16QAM | 1 | 12 | 19.44 | 19.57 | 19.38 | | |
| 5 | 16QAM | 1 | 24 | 19.34 | 19.37 | 19.28 | | |
| 5 | 16QAM | 12 | 0 | 19.45 | 19.55 | 19.46 | 20.9 | 0 |
| 5 | 16QAM | 12 | 7 | 19.35 | 19.38 | 19.30 | | |
| 5 | 16QAM | 12 | 13 | 19.35 | 19.43 | 19.34 | | |
| 5 | 16QAM | 25 | 0 | 19.49 | 19.50 | 19.39 | | |
| 5 | 64QAM | 1 | 0 | 19.40 | 19.46 | 19.37 | 20.9 | 0 |
| 5 | 64QAM | 1 | 12 | 19.33 | 19.54 | 19.43 | | |
| 5 | 64QAM | 1 | 24 | 19.30 | 19.46 | 19.41 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.57 | 19.42 | 20.9 | 0 |
| 5 | 64QAM | 12 | 7 | 19.29 | 19.45 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.37 | 19.51 | 19.44 | | |
| 5 | 64QAM | 25 | 0 | 19.35 | 19.48 | 19.34 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 19.55 | 19.59 | 19.41 | 20.9 | 0 |
| 3 | QPSK | 1 | 8 | 19.29 | 19.44 | 19.29 | | |
| 3 | QPSK | 1 | 14 | 19.38 | 19.61 | 19.52 | | |
| 3 | QPSK | 8 | 0 | 19.46 | 19.53 | 19.48 | 20.9 | 0 |
| 3 | QPSK | 8 | 4 | 19.30 | 19.43 | 19.42 | | |
| 3 | QPSK | 8 | 7 | 19.36 | 19.46 | 19.32 | | |
| 3 | QPSK | 15 | 0 | 19.53 | 19.60 | 19.41 | | |
| 3 | 16QAM | 1 | 0 | 19.39 | 19.52 | 19.38 | 20.9 | 0 |
| 3 | 16QAM | 1 | 8 | 19.47 | 19.47 | 19.40 | | |
| 3 | 16QAM | 1 | 14 | 19.34 | 19.41 | 19.32 | | |
| 3 | 16QAM | 8 | 0 | 19.45 | 19.55 | 19.47 | 20.9 | 0 |
| 3 | 16QAM | 8 | 4 | 19.36 | 19.36 | 19.31 | | |
| 3 | 16QAM | 8 | 7 | 19.36 | 19.39 | 19.29 | | |
| 3 | 16QAM | 15 | 0 | 19.43 | 19.59 | 19.43 | | |
| 3 | 64QAM | 1 | 0 | 19.36 | 19.49 | 19.45 | 20.9 | 0 |
| 3 | 64QAM | 1 | 8 | 19.31 | 19.55 | 19.48 | | |
| 3 | 64QAM | 1 | 14 | 19.37 | 19.39 | 19.37 | | |
| 3 | 64QAM | 8 | 0 | 19.45 | 19.53 | 19.42 | 20.9 | 0 |
| 3 | 64QAM | 8 | 4 | 19.34 | 19.43 | 19.39 | | |
| 3 | 64QAM | 8 | 7 | 19.37 | 19.52 | 19.44 | | |
| 3 | 64QAM | 15 | 0 | 19.42 | 19.49 | 19.38 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.46 | 19.61 | 19.38 | 20.9 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.35 | 19.38 | 19.24 | | |
| 1.4 | QPSK | 1 | 5 | 19.46 | 19.54 | 19.49 | | |
| 1.4 | QPSK | 3 | 0 | 19.47 | 19.57 | 19.56 | | |
| 1.4 | QPSK | 3 | 1 | 19.32 | 19.48 | 19.42 | | |
| 1.4 | QPSK | 3 | 3 | 19.35 | 19.42 | 19.29 | | |
| 1.4 | QPSK | 6 | 0 | 19.49 | 19.55 | 19.40 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.32 | 19.54 | 19.37 | 20.9 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.40 | 19.53 | 19.36 | | |
| 1.4 | 16QAM | 1 | 5 | 19.29 | 19.43 | 19.31 | | |
| 1.4 | 16QAM | 3 | 0 | 19.53 | 19.59 | 19.47 | | |
| 1.4 | 16QAM | 3 | 1 | 19.39 | 19.42 | 19.33 | | |
| 1.4 | 16QAM | 3 | 3 | 19.33 | 19.38 | 19.37 | | |
| 1.4 | 16QAM | 6 | 0 | 19.45 | 19.58 | 19.37 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.37 | 19.54 | 19.34 | 20.9 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.32 | 19.54 | 19.47 | | |
| 1.4 | 64QAM | 1 | 5 | 19.37 | 19.44 | 19.38 | | |
| 1.4 | 64QAM | 3 | 0 | 19.47 | 19.54 | 19.47 | | |
| 1.4 | 64QAM | 3 | 1 | 19.30 | 19.41 | 19.30 | | |
| 1.4 | 64QAM | 3 | 3 | 19.37 | 19.53 | 19.49 | | |
| 1.4 | 64QAM | 6 | 0 | 19.43 | 19.47 | 19.40 | 20.9 | 0 |

## Band 66 Ant 1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 19.47 | 19.66 | 19.55 | 20.8 | 0 |
| 20 | QPSK | 1 | 49 | 19.43 | 19.54 | 19.49 | | |
| 20 | QPSK | 1 | 99 | 19.58 | 19.65 | 19.55 | | |
| 20 | QPSK | 50 | 0 | 19.51 | 19.63 | 19.49 | 20.8 | 0 |
| 20 | QPSK | 50 | 24 | 19.51 | 19.60 | 19.51 | | |
| 20 | QPSK | 50 | 50 | 19.47 | 19.52 | 19.45 | | |
| 20 | QPSK | 100 | 0 | 19.47 | 19.58 | 19.46 | | |
| 20 | 16QAM | 1 | 0 | 19.52 | 19.62 | 19.55 | 20.8 | 0 |
| 20 | 16QAM | 1 | 49 | 19.43 | 19.52 | 19.44 | | |
| 20 | 16QAM | 1 | 99 | 19.53 | 19.58 | 19.54 | | |
| 20 | 16QAM | 50 | 0 | 19.53 | 19.56 | 19.46 | 20.8 | 0 |
| 20 | 16QAM | 50 | 24 | 19.59 | 19.63 | 19.53 | | |
| 20 | 16QAM | 50 | 50 | 19.48 | 19.53 | 19.47 | | |
| 20 | 16QAM | 100 | 0 | 19.50 | 19.62 | 19.59 | | |
| 20 | 64QAM | 1 | 0 | 19.54 | 19.59 | 19.51 | 20.8 | 0 |
| 20 | 64QAM | 1 | 49 | 19.41 | 19.53 | 19.48 | | |
| 20 | 64QAM | 1 | 99 | 19.41 | 19.48 | 19.37 | | |
| 20 | 64QAM | 50 | 0 | 19.51 | 19.64 | 19.56 | 20.8 | 0 |
| 20 | 64QAM | 50 | 24 | 19.51 | 19.61 | 19.49 | | |
| 20 | 64QAM | 50 | 50 | 19.50 | 19.58 | 19.43 | | |
| 20 | 64QAM | 100 | 0 | 19.42 | 19.53 | 19.42 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.36 | 19.54 | 19.49 | 20.8 | 0 |
| 15 | QPSK | 1 | 37 | 19.30 | 19.48 | 19.36 | | |
| 15 | QPSK | 1 | 74 | 19.54 | 19.56 | 19.49 | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.58 | 19.46 | 20.8 | 0 |
| 15 | QPSK | 36 | 20 | 19.47 | 19.56 | 19.45 | | |
| 15 | QPSK | 36 | 39 | 19.34 | 19.39 | 19.31 | | |
| 15 | QPSK | 75 | 0 | 19.40 | 19.49 | 19.39 | | |
| 15 | 16QAM | 1 | 0 | 19.41 | 19.48 | 19.47 | 20.8 | 0 |
| 15 | 16QAM | 1 | 37 | 19.34 | 19.38 | 19.30 | | |
| 15 | 16QAM | 1 | 74 | 19.48 | 19.51 | 19.48 | | |
| 15 | 16QAM | 36 | 0 | 19.49 | 19.51 | 19.41 | 20.8 | 0 |
| 15 | 16QAM | 36 | 20 | 19.49 | 19.55 | 19.45 | | |
| 15 | 16QAM | 36 | 39 | 19.34 | 19.45 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.44 | 19.52 | 19.48 | | |
| 15 | 64QAM | 1 | 0 | 19.46 | 19.45 | 19.39 | 20.8 | 0 |
| 15 | 64QAM | 1 | 37 | 19.31 | 19.46 | 19.33 | | |
| 15 | 64QAM | 1 | 74 | 19.33 | 19.43 | 19.33 | | |
| 15 | 64QAM | 36 | 0 | 19.37 | 19.52 | 19.48 | 20.8 | 0 |
| 15 | 64QAM | 36 | 20 | 19.47 | 19.52 | 19.34 | | |
| 15 | 64QAM | 36 | 39 | 19.43 | 19.49 | 19.29 | | |
| 15 | 64QAM | 75 | 0 | 19.37 | 19.48 | 19.33 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.36 | 19.54 | 19.42 | 20.8 | 0 |
| 10 | QPSK | 1 | 25 | 19.34 | 19.43 | 19.46 | | |
| 10 | QPSK | 1 | 49 | 19.48 | 19.60 | 19.52 | | |
| 10 | QPSK | 25 | 0 | 19.47 | 19.53 | 19.44 | 20.8 | 0 |
| 10 | QPSK | 25 | 12 | 19.45 | 19.51 | 19.46 | | |
| 10 | QPSK | 25 | 25 | 19.32 | 19.47 | 19.41 | | |
| 10 | QPSK | 50 | 0 | 19.37 | 19.46 | 19.32 | | |
| 10 | 16QAM | 1 | 0 | 19.39 | 19.54 | 19.41 | 20.8 | 0 |
| 10 | 16QAM | 1 | 25 | 19.38 | 19.40 | 19.37 | | |
| 10 | 16QAM | 1 | 49 | 19.41 | 19.45 | 19.41 | | |
| 10 | 16QAM | 25 | 0 | 19.42 | 19.49 | 19.42 | 20.8 | 0 |
| 10 | 16QAM | 25 | 12 | 19.53 | 19.52 | 19.47 | | |
| 10 | 16QAM | 25 | 25 | 19.35 | 19.39 | 19.38 | | |
| 10 | 16QAM | 50 | 0 | 19.40 | 19.51 | 19.46 | | |
| 10 | 64QAM | 1 | 0 | 19.49 | 19.53 | 19.48 | 20.8 | 0 |
| 10 | 64QAM | 1 | 25 | 19.35 | 19.41 | 19.44 | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.36 | 19.33 | | |
| 10 | 64QAM | 25 | 0 | 19.39 | 19.51 | 19.41 | 20.8 | 0 |
| 10 | 64QAM | 25 | 12 | 19.41 | 19.51 | 19.39 | | |
| 10 | 64QAM | 25 | 25 | 19.43 | 19.50 | 19.32 | | |
| 10 | 64QAM | 50 | 0 | 19.28 | 19.49 | 19.38 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.38 | 19.58 | 19.42 | 20.8 | 0 |
| 5 | QPSK | 1 | 12 | 19.32 | 19.44 | 19.44 | | |
| 5 | QPSK | 1 | 24 | 19.45 | 19.56 | 19.49 | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.54 | 19.37 | 20.8 | 0 |
| 5 | QPSK | 12 | 7 | 19.44 | 19.54 | 19.43 | | |
| 5 | QPSK | 12 | 13 | 19.35 | 19.48 | 19.37 | | |
| 5 | QPSK | 25 | 0 | 19.34 | 19.45 | 19.41 | | |
| 5 | 16QAM | 1 | 0 | 19.43 | 19.56 | 19.45 | 20.8 | 0 |
| 5 | 16QAM | 1 | 12 | 19.34 | 19.45 | 19.30 | | |
| 5 | 16QAM | 1 | 24 | 19.39 | 19.53 | 19.46 | | |
| 5 | 16QAM | 12 | 0 | 19.47 | 19.46 | 19.34 | 20.8 | 0 |
| 5 | 16QAM | 12 | 7 | 19.56 | 19.54 | 19.41 | | |
| 5 | 16QAM | 12 | 13 | 19.36 | 19.47 | 19.38 | | |
| 5 | 16QAM | 25 | 0 | 19.38 | 19.51 | 19.48 | | |
| 5 | 64QAM | 1 | 0 | 19.45 | 19.50 | 19.38 | 20.8 | 0 |
| 5 | 64QAM | 1 | 12 | 19.33 | 19.44 | 19.33 | | |
| 5 | 64QAM | 1 | 24 | 19.34 | 19.45 | 19.33 | | |
| 5 | 64QAM | 12 | 0 | 19.38 | 19.49 | 19.51 | 20.8 | 0 |
| 5 | 64QAM | 12 | 7 | 19.40 | 19.56 | 19.45 | | |
| 5 | 64QAM | 12 | 13 | 19.45 | 19.52 | 19.36 | | |
| 5 | 64QAM | 25 | 0 | 19.39 | 19.42 | 19.38 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.43 | 19.59 | 19.48 | 20.8 | 0 |
| 3 | QPSK | 1 | 8 | 19.31 | 19.40 | 19.42 | | |
| 3 | QPSK | 1 | 14 | 19.50 | 19.57 | 19.50 | | |
| 3 | QPSK | 8 | 0 | 19.40 | 19.56 | 19.44 | 20.8 | 0 |
| 3 | QPSK | 8 | 4 | 19.36 | 19.49 | 19.47 | | |
| 3 | QPSK | 8 | 7 | 19.37 | 19.47 | 19.36 | | |
| 3 | QPSK | 15 | 0 | 19.37 | 19.51 | 19.37 | | |
| 3 | 16QAM | 1 | 0 | 19.42 | 19.55 | 19.40 | 20.8 | 0 |
| 3 | 16QAM | 1 | 8 | 19.29 | 19.41 | 19.39 | | |
| 3 | 16QAM | 1 | 14 | 19.40 | 19.44 | 19.42 | | |
| 3 | 16QAM | 8 | 0 | 19.49 | 19.42 | 19.39 | 20.8 | 0 |
| 3 | 16QAM | 8 | 4 | 19.46 | 19.48 | 19.44 | | |
| 3 | 16QAM | 8 | 7 | 19.43 | 19.41 | 19.34 | | |
| 3 | 16QAM | 15 | 0 | 19.42 | 19.53 | 19.50 | | |
| 3 | 64QAM | 1 | 0 | 19.39 | 19.51 | 19.47 | 20.8 | 0 |
| 3 | 64QAM | 1 | 8 | 19.32 | 19.45 | 19.45 | | |
| 3 | 64QAM | 1 | 14 | 19.37 | 19.43 | 19.34 | | |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.61 | 19.43 | 20.8 | 0 |
| 3 | 64QAM | 8 | 4 | 19.44 | 19.50 | 19.46 | | |
| 3 | 64QAM | 8 | 7 | 19.41 | 19.47 | 19.39 | | |
| 3 | 64QAM | 15 | 0 | 19.31 | 19.46 | 19.35 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.39 | 19.52 | 19.48 | 20.8 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.34 | 19.46 | 19.34 | | |
| 1.4 | QPSK | 1 | 5 | 19.54 | 19.51 | 19.40 | | |
| 1.4 | QPSK | 3 | 0 | 19.40 | 19.52 | 19.39 | | |
| 1.4 | QPSK | 3 | 1 | 19.38 | 19.57 | 19.39 | | |
| 1.4 | QPSK | 3 | 3 | 19.41 | 19.47 | 19.41 | | |
| 1.4 | QPSK | 6 | 0 | 19.35 | 19.51 | 19.38 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.38 | 19.52 | 19.50 | 20.8 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.37 | 19.45 | 19.40 | | |
| 1.4 | 16QAM | 1 | 5 | 19.39 | 19.50 | 19.41 | | |
| 1.4 | 16QAM | 3 | 0 | 19.42 | 19.44 | 19.37 | | |
| 1.4 | 16QAM | 3 | 1 | 19.54 | 19.58 | 19.44 | | |
| 1.4 | 16QAM | 3 | 3 | 19.42 | 19.46 | 19.40 | | |
| 1.4 | 16QAM | 6 | 0 | 19.36 | 19.55 | 19.53 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.45 | 19.53 | 19.39 | 20.8 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.31 | 19.39 | 19.38 | | |
| 1.4 | 64QAM | 1 | 5 | 19.28 | 19.35 | 19.29 | | |
| 1.4 | 64QAM | 3 | 0 | 19.48 | 19.54 | 19.47 | | |
| 1.4 | 64QAM | 3 | 1 | 19.47 | 19.55 | 19.34 | | |
| 1.4 | 64QAM | 3 | 3 | 19.44 | 19.50 | 19.28 | | |
| 1.4 | 64QAM | 6 | 0 | 19.38 | 19.39 | 19.30 | 20.8 | 0 |

## Band 38 Ant 1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 19.36 | 19.51 | 19.32 | 20.3 | 0 |
| 20 | QPSK | 1 | 49 | 19.44 | 19.50 | 19.39 | | |
| 20 | QPSK | 1 | 99 | 19.29 | 19.37 | 19.27 | | |
| 20 | QPSK | 50 | 0 | 19.42 | 19.49 | 19.44 | 20.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.34 | 19.43 | 19.35 | | |
| 20 | QPSK | 50 | 50 | 19.26 | 19.40 | 19.37 | | |
| 20 | QPSK | 100 | 0 | 19.32 | 19.37 | 19.32 | | |
| 20 | 16QAM | 1 | 0 | 19.25 | 19.36 | 19.23 | 20.3 | 0 |
| 20 | 16QAM | 1 | 49 | 19.33 | 19.47 | 19.35 | | |
| 20 | 16QAM | 1 | 99 | 19.28 | 19.36 | 19.25 | | |
| 20 | 16QAM | 50 | 0 | 19.37 | 19.48 | 19.41 | 20.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.36 | 19.45 | 19.31 | | |
| 20 | 16QAM | 50 | 50 | 19.26 | 19.32 | 19.24 | | |
| 20 | 16QAM | 100 | 0 | 19.33 | 19.43 | 19.37 | | |
| 20 | 64QAM | 1 | 0 | 19.41 | 19.50 | 19.38 | 20.3 | 0 |
| 20 | 64QAM | 1 | 49 | 19.25 | 19.36 | 19.30 | | |
| 20 | 64QAM | 1 | 99 | 19.36 | 19.44 | 19.29 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.50 | 19.36 | 20.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.39 | 19.45 | 19.31 | | |
| 20 | 64QAM | 50 | 50 | 19.26 | 19.38 | 19.32 | | |
| 20 | 64QAM | 100 | 0 | 19.42 | 19.46 | 19.36 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.23 | 19.46 | 19.21 | 20.3 | 0 |
| 15 | QPSK | 1 | 37 | 19.34 | 19.40 | 19.28 | | |
| 15 | QPSK | 1 | 74 | 19.15 | 19.28 | 19.22 | | |
| 15 | QPSK | 36 | 0 | 19.32 | 19.36 | 19.31 | 20.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.25 | 19.39 | 19.29 | | |
| 15 | QPSK | 36 | 39 | 19.17 | 19.34 | 19.29 | | |
| 15 | QPSK | 75 | 0 | 19.24 | 19.33 | 19.17 | | |
| 15 | 16QAM | 1 | 0 | 19.13 | 19.28 | 19.20 | 20.3 | 0 |
| 15 | 16QAM | 1 | 37 | 19.27 | 19.41 | 19.32 | | |
| 15 | 16QAM | 1 | 74 | 19.16 | 19.30 | 19.16 | | |
| 15 | 16QAM | 36 | 0 | 19.26 | 19.36 | 19.35 | 20.3 | 0 |
| 15 | 16QAM | 36 | 20 | 19.29 | 19.37 | 19.17 | | |
| 15 | 16QAM | 36 | 39 | 19.16 | 19.27 | 19.14 | | |
| 15 | 16QAM | 75 | 0 | 19.25 | 19.33 | 19.27 | | |
| 15 | 64QAM | 1 | 0 | 19.35 | 19.38 | 19.35 | 20.3 | 0 |
| 15 | 64QAM | 1 | 37 | 19.11 | 19.29 | 19.24 | | |
| 15 | 64QAM | 1 | 74 | 19.29 | 19.33 | 19.17 | | |
| 15 | 64QAM | 36 | 0 | 19.34 | 19.37 | 19.26 | 20.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.36 | 19.41 | 19.19 | | |
| 15 | 64QAM | 36 | 39 | 19.18 | 19.32 | 19.26 | | |
| 15 | 64QAM | 75 | 0 | 19.32 | 19.40 | 19.32 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.28 | 19.48 | 19.26 | 20.3 | 0 |
| 10 | QPSK | 1 | 25 | 19.35 | 19.41 | 19.28 | | |
| 10 | QPSK | 1 | 49 | 19.17 | 19.27 | 19.15 | | |
| 10 | QPSK | 25 | 0 | 19.31 | 19.45 | 19.32 | 20.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.27 | 19.34 | 19.21 | | |
| 10 | QPSK | 25 | 25 | 19.19 | 19.29 | 19.22 | | |
| 10 | QPSK | 50 | 0 | 19.24 | 19.30 | 19.19 | | |
| 10 | 16QAM | 1 | 0 | 19.20 | 19.27 | 19.16 | 20.3 | 0 |
| 10 | 16QAM | 1 | 25 | 19.22 | 19.38 | 19.28 | | |
| 10 | 16QAM | 1 | 49 | 19.23 | 19.25 | 19.21 | | |
| 10 | 16QAM | 25 | 0 | 19.22 | 19.35 | 19.38 | 20.3 | 0 |
| 10 | 16QAM | 25 | 12 | 19.31 | 19.34 | 19.28 | | |
| 10 | 16QAM | 25 | 25 | 19.16 | 19.21 | 19.21 | | |
| 10 | 16QAM | 50 | 0 | 19.19 | 19.32 | 19.26 | | |
| 10 | 64QAM | 1 | 0 | 19.27 | 19.44 | 19.32 | 20.3 | 0 |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.24 | 19.22 | | |
| 10 | 64QAM | 1 | 49 | 19.31 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 0 | 19.28 | 19.39 | 19.23 | 20.3 | 0 |
| 10 | 64QAM | 25 | 12 | 19.34 | 19.35 | 19.16 | | |
| 10 | 64QAM | 25 | 25 | 19.13 | 19.29 | 19.25 | | |
| 10 | 64QAM | 50 | 0 | 19.34 | 19.42 | 19.29 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.31 | 19.38 | 19.20 | 20.3 | 0 |
| 5 | QPSK | 1 | 12 | 19.35 | 19.40 | 19.34 | | |
| 5 | QPSK | 1 | 24 | 19.24 | 19.33 | 19.21 | | |
| 5 | QPSK | 12 | 0 | 19.34 | 19.35 | 19.36 | 20.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.25 | 19.31 | 19.22 | | |
| 5 | QPSK | 12 | 13 | 19.14 | 19.37 | 19.25 | | |
| 5 | QPSK | 25 | 0 | 19.28 | 19.27 | 19.22 | | |
| 5 | 16QAM | 1 | 0 | 19.18 | 19.24 | 19.16 | 20.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.20 | 19.36 | 19.32 | | |
| 5 | 16QAM | 1 | 24 | 19.23 | 19.21 | 19.16 | | |
| 5 | 16QAM | 12 | 0 | 19.27 | 19.42 | 19.32 | 20.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.25 | 19.41 | 19.18 | | |
| 5 | 16QAM | 12 | 13 | 19.22 | 19.27 | 19.13 | | |
| 5 | 16QAM | 25 | 0 | 19.29 | 19.28 | 19.23 | | |
| 5 | 64QAM | 1 | 0 | 19.31 | 19.36 | 19.33 | 20.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.13 | 19.23 | 19.16 | | |
| 5 | 64QAM | 1 | 24 | 19.22 | 19.40 | 19.18 | | |
| 5 | 64QAM | 12 | 0 | 19.27 | 19.45 | 19.22 | 20.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.30 | 19.31 | 19.20 | | |
| 5 | 64QAM | 12 | 13 | 19.12 | 19.25 | 19.19 | | |

## Band 41 Ant 1 DSI13

| 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 | 19.33 | 19.44 | 19.56 | 19.41 | 19.38 | 20.3 | 0 |
| 20 | QPSK | 1 | 49 | 19.35 | 19.43 | 19.48 | 19.41 | 19.33 | | |
| 20 | QPSK | 1 | 99 | 19.30 | 19.26 | 19.37 | 19.25 | 19.23 | | |
| 20 | QPSK | 50 | 0 | 19.45 | 19.43 | 19.49 | 19.38 | 19.36 | 20.3 | 0 |
| 20 | QPSK | 50 | 24 | 19.34 | 19.25 | 19.38 | 19.26 | 19.33 | | |
| 20 | QPSK | 50 | 50 | 19.27 | 19.28 | 19.41 | 19.37 | 19.32 | | |
| 20 | QPSK | 100 | 0 | 19.32 | 19.37 | 19.44 | 19.30 | 19.37 | | |
| 20 | 16QAM | 1 | 0 | 19.31 | 19.27 | 19.42 | 19.31 | 19.37 | 20.3 | 0 |
| 20 | 16QAM | 1 | 49 | 19.20 | 19.22 | 19.27 | 19.18 | 19.16 | | |
| 20 | 16QAM | 1 | 99 | 19.30 | 19.36 | 19.41 | 19.36 | 19.36 | | |
| 20 | 16QAM | 50 | 0 | 19.46 | 19.48 | 19.53 | 19.47 | 19.49 | 20.3 | 0 |
| 20 | 16QAM | 50 | 24 | 19.25 | 19.22 | 19.31 | 19.21 | 19.21 | | |
| 20 | 16QAM | 50 | 50 | 19.41 | 19.34 | 19.46 | 19.32 | 19.41 | | |
| 20 | 16QAM | 100 | 0 | 19.38 | 19.45 | 19.51 | 19.44 | 19.40 | | |
| 20 | 64QAM | 1 | 0 | 19.34 | 19.38 | 19.45 | 19.40 | 19.32 | 20.3 | 0 |
| 20 | 64QAM | 1 | 49 | 19.26 | 19.19 | 19.32 | 19.25 | 19.27 | | |
| 20 | 64QAM | 1 | 99 | 19.31 | 19.30 | 19.34 | 19.25 | 19.28 | | |
| 20 | 64QAM | 50 | 0 | 19.39 | 19.34 | 19.44 | 19.34 | 19.30 | 20.3 | 0 |
| 20 | 64QAM | 50 | 24 | 19.20 | 19.26 | 19.34 | 19.20 | 19.26 | | |
| 20 | 64QAM | 50 | 50 | 19.36 | 19.38 | 19.41 | 19.31 | 19.36 | | |
| 20 | 64QAM | 100 | 0 | 19.36 | 19.42 | 19.45 | 19.42 | 19.32 | | |
| 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 | 19.19 | 19.41 | 19.49 | 19.28 | 19.30 | 20.30 | 0 |
| 15 | QPSK | 1 | 37 | 19.30 | 19.29 | 19.44 | 19.30 | 19.21 | | |
| 15 | QPSK | 1 | 74 | 19.19 | 19.22 | 19.29 | 19.12 | 19.09 | | |
| 15 | QPSK | 36 | 0 | 19.39 | 19.30 | 19.41 | 19.29 | 19.22 | 20.3 | 0 |
| 15 | QPSK | 36 | 20 | 19.30 | 19.12 | 19.32 | 19.16 | 19.24 | | |
| 15 | QPSK | 36 | 39 | 19.18 | 19.20 | 19.33 | 19.30 | 19.24 | | |
| 15 | QPSK | 75 | 0 | 19.27 | 19.24 | 19.36 | 19.27 | 19.24 | | |
| 15 | 16QAM | 1 | 0 | 19.21 | 19.17 | 19.34 | 19.18 | 19.25 | 20.3 | 0 |
| 15 | 16QAM | 1 | 37 | 19.10 | 19.12 | 19.13 | 19.10 | 19.10 | | |
| 15 | 16QAM | 1 | 74 | 19.17 | 19.29 | 19.26 | 19.30 | 19.24 | | |
| 15 | 16QAM | 36 | 0 | 19.41 | 19.38 | 19.44 | 19.36 | 19.43 | 20.3 | 0 |
| 15 | 16QAM | 36 | 20 | 19.12 | 19.12 | 19.17 | 19.14 | 19.08 | | |
| 15 | 16QAM | 36 | 39 | 19.26 | 19.20 | 19.33 | 19.27 | 19.33 | | |
| 15 | 16QAM | 75 | 0 | 19.25 | 19.32 | 19.37 | 19.36 | 19.26 | | |
| 15 | 64QAM | 1 | 0 | 19.24 | 19.27 | 19.38 | 19.26 | 19.27 | 20.3 | 0 |
| 15 | 64QAM | 1 | 37 | 19.14 | 19.06 | 19.25 | 19.20 | 19.21 | | |
| 15 | 64QAM | 1 | 74 | 19.21 | 19.26 | 19.20 | 19.15 | 19.21 | | |
| 15 | 64QAM | 36 | 0 | 19.34 | 19.29 | 19.34 | 19.28 | 19.26 | 20.3 | 0 |
| 15 | 64QAM | 36 | 20 | 19.10 | 19.13 | 19.19 | 19.06 | 19.11 | | |
| 15 | 64QAM | 36 | 39 | 19.25 | 19.30 | 19.29 | 19.20 | 19.25 | | |
| 15 | 64QAM | 75 | 0 | 19.25 | 19.28 | 19.33 | 19.36 | 19.28 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 19.25 | 19.36 | 19.51 | 19.32 | 19.32 | 20.30 | 0 |
| 10 | QPSK | 1 | 25 | 19.31 | 19.29 | 19.39 | 19.36 | 19.19 | | |
| 10 | QPSK | 1 | 49 | 19.24 | 19.13 | 19.24 | 19.10 | 19.10 | | |
| 10 | QPSK | 25 | 0 | 19.38 | 19.29 | 19.43 | 19.24 | 19.29 | 20.3 | 0 |
| 10 | QPSK | 25 | 12 | 19.31 | 19.12 | 19.30 | 19.20 | 19.20 | | |
| 10 | QPSK | 25 | 25 | 19.20 | 19.15 | 19.27 | 19.28 | 19.23 | | |
| 10 | QPSK | 50 | 0 | 19.23 | 19.30 | 19.37 | 19.27 | 19.22 | | |
| 10 | 16QAM | 1 | 0 | 19.19 | 19.17 | 19.37 | 19.23 | 19.32 | 20.3 | 0 |
| 10 | 16QAM | 1 | 25 | 19.12 | 19.07 | 19.19 | 19.06 | 19.06 | | |
| 10 | 16QAM | 1 | 49 | 19.15 | 19.31 | 19.33 | 19.26 | 19.28 | | |
| 10 | 16QAM | 25 | 0 | 19.40 | 19.39 | 19.43 | 19.32 | 19.45 | 20.3 | 0 |
| 10 | 16QAM | 25 | 12 | 19.11 | 19.16 | 19.23 | 19.15 | 19.07 | | |
| 10 | 16QAM | 25 | 25 | 19.37 | 19.19 | 19.31 | 19.28 | 19.31 | | |
| 10 | 16QAM | 50 | 0 | 19.32 | 19.32 | 19.46 | 19.36 | 19.27 | | |
| 10 | 64QAM | 1 | 0 | 19.21 | 19.31 | 19.34 | 19.31 | 19.19 | 20.3 | 0 |
| 10 | 64QAM | 1 | 25 | 19.15 | 19.05 | 19.19 | 19.21 | 19.18 | | |
| 10 | 64QAM | 1 | 49 | 19.26 | 19.18 | 19.29 | 19.17 | 19.15 | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.27 | 19.33 | 19.26 | 19.22 | 20.3 | 0 |
| 10 | 64QAM | 25 | 12 | 19.15 | 19.14 | 19.31 | 19.13 | 19.19 | | |
| 10 | 64QAM | 25 | 25 | 19.31 | 19.28 | 19.33 | 19.16 | 19.25 | | |
| 10 | 64QAM | 50 | 0 | 19.25 | 19.38 | 19.34 | 19.29 | 19.22 | | |
| 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 | 19.21 | 19.38 | 19.48 | 19.26 | 19.32 | 20.30 | 0 |
| 5 | QPSK | 1 | 12 | 19.21 | 19.36 | 19.34 | 19.31 | 19.22 | | |
| 5 | QPSK | 1 | 24 | 19.21 | 19.15 | 19.30 | 19.20 | 19.20 | | |
| 5 | QPSK | 12 | 0 | 19.35 | 19.29 | 19.44 | 19.32 | 19.22 | 20.3 | 0 |
| 5 | QPSK | 12 | 7 | 19.24 | 19.14 | 19.24 | 19.20 | 19.28 | | |
| 5 | QPSK | 12 | 13 | 19.20 | 19.24 | 19.35 | 19.23 | 19.22 | | |
| 5 | QPSK | 25 | 0 | 19.28 | 19.34 | 19.29 | 19.21 | 19.32 | | |
| 5 | 16QAM | 1 | 0 | 19.16 | 19.17 | 19.34 | 19.20 | 19.30 | 20.3 | 0 |
| 5 | 16QAM | 1 | 12 | 19.10 | 19.11 | 19.16 | 19.04 | 19.05 | | |
| 5 | 16QAM | 1 | 24 | 19.16 | 19.29 | 19.35 | 19.31 | 19.23 | | |
| 5 | 16QAM | 12 | 0 | 19.33 | 19.38 | 19.44 | 19.33 | 19.37 | 20.3 | 0 |
| 5 | 16QAM | 12 | 7 | 19.17 | 19.09 | 19.17 | 19.15 | 19.17 | | |
| 5 | 16QAM | 12 | 13 | 19.32 | 19.21 | 19.36 | 19.21 | 19.29 | | |
| 5 | 16QAM | 25 | 0 | 19.26 | 19.37 | 19.40 | 19.29 | 19.27 | | |
| 5 | 64QAM | 1 | 0 | 19.24 | 19.34 | 19.31 | 19.35 | 19.20 | 20.3 | 0 |
| 5 | 64QAM | 1 | 12 | 19.16 | 19.12 | 19.19 | 19.21 | 19.21 | | |
| 5 | 64QAM | 1 | 24 | 19.18 | 19.21 | 19.25 | 19.19 | 19.18 | | |
| 5 | 64QAM | 12 | 0 | 19.25 | 19.26 | 19.40 | 19.21 | 19.20 | 20.3 | 0 |
| 5 | 64QAM | 12 | 7 | 19.14 | 19.16 | 19.22 | 19.10 | 19.14 | | |
| 5 | 64QAM | 12 | 13 | 19.22 | 19.25 | 19.26 | 19.27 | 19.26 | | |

GSM850 Ant 2 DSI13

| 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 | 27.44 | 27.51 | 27.66 | 28.50 | 18.44 | 18.51 | 18.66 | 19.50 |
| GPRS 1 Tx slot | 27.40 | 27.35 | 27.59 | 28.50 | 18.40 | 18.35 | 18.59 | 19.50 |
| GPRS 2 Tx slots | 24.41 | 24.32 | 24.50 | 25.50 | 18.41 | 18.32 | 18.50 | 19.50 |
| GPRS 3 Tx slots | 22.78 | 22.65 | 22.89 | 23.70 | 18.52 | 18.39 | 18.63 | 19.44 |
| GPRS 4 Tx slots | 21.62 | 21.75 | 21.73 | 22.50 | 18.62 | 18.75 | 18.73 | 19.50 |
| EDGE 1 Tx slot | 26.28 | 26.23 | 26.47 | 27.70 | 17.28 | 17.23 | 17.47 | 18.70 |
| EDGE 2 Tx slots | 23.43 | 23.36 | 23.59 | 24.70 | 17.43 | 17.36 | 17.59 | 18.70 |
| EDGE 3 Tx slots | 21.65 | 21.58 | 21.79 | 22.90 | 17.39 | 17.32 | 17.53 | 18.64 |
| EDGE 4 Tx slots | 20.43 | 20.35 | 20.58 | 21.70 | 17.43 | 17.35 | 17.58 | 18.70 |

WCDMA V Ant 2 DSI13

| Band | | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|
| TX Channel | | 4132 | 4182 | 4233 | |
| Rx Channel | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 19.45 | 19.53 | 19.43 | 20.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 19.55 | 19.70 | 19.55 | 20.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.52 | 16.54 | 16.44 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.45 | 16.63 | 16.27 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.04 | 18.24 | 17.88 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 17.98 | 18.11 | 18.03 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.45 | 16.39 | 16.38 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.43 | 16.84 | 16.80 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 17.90 | 18.16 | 17.98 | 19.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 17.90 | 18.13 | 18.01 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.44 | 16.67 | 16.35 | 17.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 14.49 | 14.64 | 14.32 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.43 | 15.92 | 15.56 | 16.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 14.47 | 14.55 | 14.46 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.58 | 16.68 | 16.53 | 17.50 |

## Band 5 Ant 2 DSI13

| BW [MHz] | 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 | 19.88 | 20.04 | 19.91 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.92 | 19.92 | 19.87 | | |
| 10 | QPSK | 1 | 49 | 19.87 | 19.86 | 19.93 | | |
| 10 | QPSK | 25 | 0 | 19.91 | 19.98 | 19.97 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.82 | 19.74 | 19.91 | | |
| 10 | QPSK | 25 | 25 | 19.69 | 19.86 | 19.75 | | |
| 10 | QPSK | 50 | 0 | 19.94 | 19.96 | 19.83 | | |
| 10 | 16QAM | 1 | 0 | 19.91 | 19.72 | 19.65 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.94 | 20.03 | 19.86 | | |
| 10 | 16QAM | 1 | 49 | 19.89 | 19.90 | 19.77 | | |
| 10 | 16QAM | 25 | 0 | 19.85 | 19.92 | 19.77 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.78 | 19.75 | 19.93 | | |
| 10 | 16QAM | 25 | 25 | 19.98 | 19.91 | 19.97 | | |
| 10 | 16QAM | 50 | 0 | 19.77 | 19.85 | 19.87 | | |
| 10 | 64QAM | 1 | 0 | 19.81 | 19.81 | 19.89 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.96 | 19.97 | 19.92 | | |
| 10 | 64QAM | 1 | 49 | 19.91 | 19.90 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.82 | 19.86 | 19.83 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.83 | 19.98 | 19.89 | | |
| 10 | 64QAM | 25 | 25 | 19.95 | 19.93 | 19.83 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.95 | 19.65 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.01 | 19.92 | 19.83 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.83 | 19.88 | 19.97 | | |
| 5 | QPSK | 1 | 24 | 19.98 | 19.91 | 19.82 | | |
| 5 | QPSK | 12 | 0 | 19.89 | 19.96 | 19.96 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.71 | 19.89 | 19.89 | | |
| 5 | QPSK | 12 | 13 | 19.80 | 19.88 | 19.91 | | |
| 5 | QPSK | 25 | 0 | 19.94 | 19.94 | 19.98 | | |
| 5 | 16QAM | 1 | 0 | 19.72 | 19.76 | 19.81 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.97 | 20.03 | 19.86 | | |
| 5 | 16QAM | 1 | 24 | 20.00 | 19.81 | 19.84 | | |
| 5 | 16QAM | 12 | 0 | 19.88 | 19.85 | 19.94 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.78 | 19.90 | 19.81 | | |
| 5 | 16QAM | 12 | 13 | 19.86 | 20.02 | 19.86 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.84 | 19.98 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.79 | 19.75 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.90 | 20.01 | 20.03 | | |
| 5 | 64QAM | 1 | 24 | 19.99 | 19.78 | 19.89 | | |
| 5 | 64QAM | 12 | 0 | 19.80 | 19.93 | 19.80 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.96 | 19.87 | 19.91 | | |
| 5 | 64QAM | 12 | 13 | 19.80 | 19.88 | 19.83 | | |
| 5 | 64QAM | 25 | 0 | 19.70 | 19.90 | 19.83 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 19.95 | 19.93 | 19.92 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.88 | 19.79 | 19.86 | | |
| 3 | QPSK | 1 | 14 | 19.82 | 19.90 | 20.00 | | |
| 3 | QPSK | 8 | 0 | 19.85 | 19.97 | 20.02 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.86 | 19.86 | 19.89 | | |
| 3 | QPSK | 8 | 7 | 19.70 | 19.95 | 19.84 | | |
| 3 | QPSK | 15 | 0 | 19.88 | 19.79 | 19.81 | | |
| 3 | 16QAM | 1 | 0 | 19.92 | 19.75 | 19.78 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.91 | 19.91 | 19.91 | | |
| 3 | 16QAM | 1 | 14 | 19.97 | 19.81 | 19.94 | | |
| 3 | 16QAM | 8 | 0 | 19.92 | 19.78 | 19.72 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.74 | 19.85 | 20.01 | | |
| 3 | 16QAM | 8 | 7 | 19.92 | 19.83 | 19.93 | | |
| 3 | 16QAM | 15 | 0 | 19.74 | 19.91 | 19.87 | | |
| 3 | 64QAM | 1 | 0 | 19.73 | 19.76 | 19.88 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.92 | 19.91 | 19.90 | | |
| 3 | 64QAM | 1 | 14 | 19.83 | 19.95 | 19.87 | | |
| 3 | 64QAM | 8 | 0 | 19.97 | 19.97 | 19.86 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 20.02 | 19.89 | 19.87 | | |
| 3 | 64QAM | 8 | 7 | 19.79 | 19.78 | 19.89 | | |
| 3 | 64QAM | 15 | 0 | 19.91 | 19.76 | 19.63 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.96 | 19.99 | 19.97 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.73 | 19.80 | 19.85 | | |
| 1.4 | QPSK | 1 | 5 | 19.92 | 19.78 | 19.81 | | |
| 1.4 | QPSK | 3 | 0 | 19.80 | 20.03 | 19.99 | | |
| 1.4 | QPSK | 3 | 1 | 19.71 | 19.74 | 19.92 | | |
| 1.4 | QPSK | 3 | 3 | 19.71 | 19.91 | 19.84 | | |
| 1.4 | QPSK | 6 | 0 | 19.80 | 19.87 | 19.90 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.85 | 19.81 | 19.83 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.02 | 19.90 | 19.87 | | |
| 1.4 | 16QAM | 1 | 5 | 19.97 | 20.00 | 19.93 | | |
| 1.4 | 16QAM | 3 | 0 | 19.79 | 19.91 | 19.89 | | |
| 1.4 | 16QAM | 3 | 1 | 19.73 | 19.96 | 19.96 | | |
| 1.4 | 16QAM | 3 | 3 | 19.85 | 19.99 | 19.94 | | |
| 1.4 | 16QAM | 6 | 0 | 19.73 | 19.77 | 19.83 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.82 | 19.87 | 19.91 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.86 | 20.03 | 19.98 | | |
| 1.4 | 64QAM | 1 | 5 | 19.97 | 19.85 | 19.82 | | |
| 1.4 | 64QAM | 3 | 0 | 20.01 | 19.78 | 19.79 | | |
| 1.4 | 64QAM | 3 | 1 | 19.92 | 19.98 | 19.96 | | |
| 1.4 | 64QAM | 3 | 3 | 19.88 | 19.86 | 19.91 | | |
| 1.4 | 64QAM | 6 | 0 | 19.94 | 19.83 | 19.71 | 21 | 0 |

## Band 12 Ant 2 DSI13

| BW [MHz] | 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 | 21.25 | 21.34 | 21.12 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.01 | 21.09 | 21.04 | | |
| 10 | QPSK | 1 | 49 | 21.01 | 21.15 | 21.05 | | |
| 10 | QPSK | 25 | 0 | 21.17 | 21.30 | 21.21 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 21.02 | 21.13 | 21.10 | | |
| 10 | QPSK | 25 | 25 | 21.01 | 21.13 | 21.09 | | |
| 10 | QPSK | 50 | 0 | 21.16 | 21.21 | 21.08 | | |
| 10 | 16QAM | 1 | 0 | 21.20 | 21.29 | 21.16 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.14 | 21.19 | 21.11 | | |
| 10 | 16QAM | 1 | 49 | 21.18 | 21.29 | 21.17 | | |
| 10 | 16QAM | 25 | 0 | 21.23 | 21.31 | 21.16 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 21.25 | 21.29 | 21.20 | | |
| 10 | 16QAM | 25 | 25 | 21.09 | 21.13 | 21.08 | | |
| 10 | 16QAM | 50 | 0 | 21.07 | 21.17 | 21.06 | | |
| 10 | 64QAM | 1 | 0 | 21.20 | 21.32 | 21.25 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.08 | 21.20 | 21.14 | | |
| 10 | 64QAM | 1 | 49 | 21.16 | 21.26 | 21.20 | | |
| 10 | 64QAM | 25 | 0 | 21.16 | 21.26 | 21.19 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.31 | 21.25 | | |
| 10 | 64QAM | 25 | 25 | 21.04 | 21.12 | 21.00 | | |
| 10 | 64QAM | 50 | 0 | 21.07 | 21.10 | 20.97 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.11 | 21.26 | 21.04 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.96 | 20.95 | 20.90 | | |
| 5 | QPSK | 1 | 24 | 20.90 | 21.02 | 20.99 | | |
| 5 | QPSK | 12 | 0 | 21.04 | 21.15 | 21.07 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.97 | 21.00 | 21.02 | | |
| 5 | QPSK | 12 | 13 | 20.95 | 21.06 | 20.94 | | |
| 5 | QPSK | 25 | 0 | 21.09 | 21.06 | 21.02 | | |
| 5 | 16QAM | 1 | 0 | 21.15 | 21.25 | 21.12 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.07 | 21.05 | 21.06 | | |
| 5 | 16QAM | 1 | 24 | 21.05 | 21.16 | 21.06 | | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.21 | 21.11 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 21.21 | 21.15 | 21.13 | | |
| 5 | 16QAM | 12 | 13 | 20.99 | 21.05 | 21.02 | | |
| 5 | 16QAM | 25 | 0 | 20.97 | 21.11 | 21.02 | | |
| 5 | 64QAM | 1 | 0 | 21.12 | 21.27 | 21.12 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.96 | 21.06 | 21.08 | | |
| 5 | 64QAM | 1 | 24 | 21.07 | 21.21 | 21.15 | | |
| 5 | 64QAM | 12 | 0 | 21.02 | 21.13 | 21.04 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 21.14 | 21.24 | 21.20 | | |
| 5 | 64QAM | 12 | 13 | 20.95 | 21.05 | 20.90 | | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.97 | 20.89 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.18 | 21.24 | 21.04 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.97 | 21.03 | 20.91 | | |
| 3 | QPSK | 1 | 14 | 20.90 | 21.09 | 20.94 | | |
| 3 | QPSK | 8 | 0 | 21.07 | 21.20 | 21.09 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.92 | 21.06 | 20.96 | | |
| 3 | QPSK | 8 | 7 | 20.93 | 21.00 | 20.95 | | |
| 3 | QPSK | 15 | 0 | 21.01 | 21.07 | 21.01 | | |
| 3 | 16QAM | 1 | 0 | 21.12 | 21.16 | 21.12 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 21.07 | 21.10 | 21.06 | | |
| 3 | 16QAM | 1 | 14 | 21.07 | 21.20 | 21.12 | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.18 | 21.07 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 21.10 | 21.22 | 21.12 | | |
| 3 | 16QAM | 8 | 7 | 21.03 | 21.06 | 21.01 | | |
| 3 | 16QAM | 15 | 0 | 20.94 | 21.07 | 21.01 | | |
| 3 | 64QAM | 1 | 0 | 21.17 | 21.25 | 21.17 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.95 | 21.13 | 21.05 | | |
| 3 | 64QAM | 1 | 14 | 21.10 | 21.16 | 21.12 | | |
| 3 | 64QAM | 8 | 0 | 21.02 | 21.12 | 21.09 | 22 | 0 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.18 | 21.13 | | |
| 3 | 64QAM | 8 | 7 | 20.94 | 21.05 | 20.97 | | |
| 3 | 64QAM | 15 | 0 | 20.97 | 21.05 | 20.85 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.16 | 21.21 | 21.08 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.89 | 21.00 | 20.96 | | |
| 1.4 | QPSK | 1 | 5 | 20.88 | 21.07 | 20.98 | | |
| 1.4 | QPSK | 3 | 0 | 21.10 | 21.22 | 21.12 | | |
| 1.4 | QPSK | 3 | 1 | 20.96 | 21.05 | 20.96 | | |
| 1.4 | QPSK | 3 | 3 | 20.90 | 21.08 | 20.98 | | |
| 1.4 | QPSK | 6 | 0 | 21.08 | 21.17 | 21.00 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 21.16 | 21.24 | 21.11 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 21.08 | 21.08 | 21.01 | | |
| 1.4 | 16QAM | 1 | 5 | 21.03 | 21.15 | 21.08 | | |
| 1.4 | 16QAM | 3 | 0 | 21.14 | 21.18 | 21.13 | | |
| 1.4 | 16QAM | 3 | 1 | 21.19 | 21.23 | 21.13 | | |
| 1.4 | 16QAM | 3 | 3 | 20.94 | 21.08 | 21.04 | | |
| 1.4 | 16QAM | 6 | 0 | 20.94 | 21.11 | 20.99 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.17 | 21.23 | 21.21 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 21.02 | 21.11 | 21.09 | | |
| 1.4 | 64QAM | 1 | 5 | 21.02 | 21.15 | 21.14 | | |
| 1.4 | 64QAM | 3 | 0 | 21.12 | 21.13 | 21.07 | | |
| 1.4 | 64QAM | 3 | 1 | 21.08 | 21.24 | 21.19 | | |
| 1.4 | 64QAM | 3 | 3 | 20.98 | 21.08 | 20.94 | | |
| 1.4 | 64QAM | 6 | 0 | 20.95 | 20.96 | 20.82 | 22 | 0 |

## Band 13 Ant 2 DSI13

| BW [MHz] | 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 | | 19.94 | | 21 | 0 |
| 10 | QPSK | 1 | 25 | | 19.83 | | | |
| 10 | QPSK | 1 | 49 | | 19.75 | | | |
| 10 | QPSK | 25 | 0 | | 19.87 | | 21 | 0 |
| 10 | QPSK | 25 | 12 | | 19.69 | | | |
| 10 | QPSK | 25 | 25 | | 19.79 | | | |
| 10 | QPSK | 50 | 0 | | 19.72 | | | |
| 10 | 16QAM | 1 | 0 | | 19.88 | | 21 | 0 |
| 10 | 16QAM | 1 | 25 | | 19.72 | | | |
| 10 | 16QAM | 1 | 49 | | 19.69 | | | |
| 10 | 16QAM | 25 | 0 | | 19.76 | | 21 | 0 |
| 10 | 16QAM | 25 | 12 | | 19.71 | | | |
| 10 | 16QAM | 25 | 25 | | 19.84 | | | |
| 10 | 16QAM | 50 | 0 | | 19.67 | | | |
| 10 | 64QAM | 1 | 0 | | 19.89 | | 21 | 0 |
| 10 | 64QAM | 1 | 25 | | 19.80 | | | |
| 10 | 64QAM | 1 | 49 | | 19.78 | | | |
| 10 | 64QAM | 25 | 0 | | 19.79 | | 21 | 0 |
| 10 | 64QAM | 25 | 12 | | 19.70 | | | |
| 10 | 64QAM | 25 | 25 | | 19.85 | | | |
| 10 | 64QAM | 50 | 0 | | 19.81 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 19.76 | 19.86 | 19.77 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.65 | 19.78 | 19.69 | | |
| 5 | QPSK | 1 | 24 | 19.66 | 19.68 | 19.66 | | |
| 5 | QPSK | 12 | 0 | 19.64 | 19.77 | 19.78 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.50 | 19.60 | 19.57 | | |
| 5 | QPSK | 12 | 13 | 19.61 | 19.67 | 19.62 | | |
| 5 | QPSK | 25 | 0 | 19.46 | 19.61 | 19.49 | | |
| 5 | 16QAM | 1 | 0 | 19.60 | 19.75 | 19.74 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.42 | 19.57 | 19.52 | | |
| 5 | 16QAM | 1 | 24 | 19.57 | 19.61 | 19.47 | | |
| 5 | 16QAM | 12 | 0 | 19.55 | 19.72 | 19.58 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.57 | 19.58 | 19.46 | | |
| 5 | 16QAM | 12 | 13 | 19.63 | 19.77 | 19.67 | | |
| 5 | 16QAM | 25 | 0 | 19.51 | 19.59 | 19.50 | | |
| 5 | 64QAM | 1 | 0 | 19.80 | 19.85 | 19.79 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.56 | 19.66 | 19.55 | | |
| 5 | 64QAM | 1 | 24 | 19.64 | 19.66 | 19.63 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.65 | 19.65 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.52 | 19.65 | 19.47 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.81 | 19.66 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.68 | 19.54 | | |

## Band 17 Ant 2 DSI13

| BW [MHz] | 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 | 21.11 | 21.27 | 21.20 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 21.08 | 21.22 | 21.15 | | |
| 10 | QPSK | 1 | 49 | 21.15 | 21.19 | 21.05 | | |
| 10 | QPSK | 25 | 0 | 21.16 | 21.21 | 21.12 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 21.09 | 21.16 | 21.04 | | |
| 10 | QPSK | 25 | 25 | 21.07 | 21.11 | 21.05 | | |
| 10 | QPSK | 50 | 0 | 21.06 | 21.20 | 21.10 | | |
| 10 | 16QAM | 1 | 0 | 21.12 | 21.25 | 21.12 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 21.13 | 21.19 | 21.05 | | |
| 10 | 16QAM | 1 | 49 | 20.99 | 21.11 | 20.97 | | |
| 10 | 16QAM | 25 | 0 | 21.05 | 21.17 | 21.04 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.94 | 21.08 | 21.02 | | |
| 10 | 16QAM | 25 | 25 | 21.13 | 21.18 | 21.12 | | |
| 10 | 16QAM | 50 | 0 | 21.06 | 21.16 | 21.04 | | |
| 10 | 64QAM | 1 | 0 | 21.11 | 21.26 | 21.20 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 21.13 | 21.22 | 21.11 | | |
| 10 | 64QAM | 1 | 49 | 20.99 | 21.10 | 21.06 | | |
| 10 | 64QAM | 25 | 0 | 21.18 | 21.24 | 21.10 | 22 | 0 |
| 10 | 64QAM | 25 | 12 | 21.05 | 21.12 | 21.00 | | |
| 10 | 64QAM | 25 | 25 | 21.04 | 21.16 | 21.09 | | |
| 10 | 64QAM | 50 | 0 | 21.12 | 21.22 | 21.10 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 20.97 | 21.15 | 21.16 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.95 | 21.09 | 21.10 | | |
| 5 | QPSK | 1 | 24 | 21.07 | 21.10 | 20.94 | | |
| 5 | QPSK | 12 | 0 | 21.04 | 21.14 | 21.04 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 21.02 | 21.10 | 20.99 | | |
| 5 | QPSK | 12 | 13 | 20.98 | 21.00 | 20.93 | | |
| 5 | QPSK | 25 | 0 | 20.98 | 21.11 | 21.07 | | |
| 5 | 16QAM | 1 | 0 | 21.03 | 21.17 | 21.06 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 21.06 | 21.13 | 20.95 | | |
| 5 | 16QAM | 1 | 24 | 20.89 | 20.97 | 20.83 | | |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.13 | 20.96 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.85 | 21.05 | 20.95 | | |
| 5 | 16QAM | 12 | 13 | 21.10 | 21.07 | 20.99 | | |
| 5 | 16QAM | 25 | 0 | 20.91 | 21.07 | 20.97 | | |
| 5 | 64QAM | 1 | 0 | 20.96 | 21.23 | 21.07 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.98 | 21.07 | 20.96 | | |
| 5 | 64QAM | 1 | 24 | 20.87 | 21.06 | 20.95 | | |
| 5 | 64QAM | 12 | 0 | 21.11 | 21.15 | 21.02 | 22 | 0 |
| 5 | 64QAM | 12 | 7 | 21.00 | 21.03 | 20.89 | | |
| 5 | 64QAM | 12 | 13 | 20.98 | 21.04 | 21.04 | | |
| 5 | 64QAM | 25 | 0 | 21.05 | 21.08 | 20.97 | | |

## Band 26 Ant 2 DSI13

| BW [MHz] | 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 | 19.88 | 20.11 | 19.94 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.79 | 20.00 | 19.89 | | |
| 15 | QPSK | 1 | 74 | 20.10 | 20.00 | 19.96 | | |
| 15 | QPSK | 36 | 0 | 20.02 | 20.09 | 19.96 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.83 | 20.04 | 20.03 | | |
| 15 | QPSK | 36 | 39 | 19.84 | 19.96 | 19.99 | | |
| 15 | QPSK | 75 | 0 | 20.04 | 20.05 | 19.96 | | |
| 15 | 16QAM | 1 | 0 | 19.88 | 19.95 | 19.83 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.95 | 19.98 | 19.95 | | |
| 15 | 16QAM | 1 | 74 | 19.99 | 20.10 | 20.06 | | |
| 15 | 16QAM | 36 | 0 | 19.99 | 19.99 | 19.88 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.95 | 20.07 | 19.87 | | |
| 15 | 16QAM | 36 | 39 | 19.92 | 19.98 | 20.04 | | |
| 15 | 16QAM | 75 | 0 | 19.97 | 20.02 | 20.00 | | |
| 15 | 64QAM | 1 | 0 | 19.82 | 19.87 | 19.90 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 20.05 | 19.99 | 19.80 | | |
| 15 | 64QAM | 1 | 74 | 20.06 | 20.05 | 19.94 | | |
| 15 | 64QAM | 36 | 0 | 20.01 | 19.84 | 20.09 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.93 | 20.07 | 20.10 | | |
| 15 | 64QAM | 36 | 39 | 19.87 | 19.93 | 20.03 | | |
| 15 | 64QAM | 75 | 0 | 20.03 | 19.93 | 19.78 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 19.87 | 20.08 | 19.88 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.92 | 19.98 | 19.97 | | |
| 10 | QPSK | 1 | 49 | 19.96 | 19.96 | 20.03 | | |
| 10 | QPSK | 25 | 0 | 20.03 | 20.00 | 20.08 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.92 | 19.91 | 20.01 | | |
| 10 | QPSK | 25 | 25 | 19.82 | 19.91 | 19.83 | | |
| 10 | QPSK | 50 | 0 | 19.98 | 19.95 | 19.91 | | |
| 10 | 16QAM | 1 | 0 | 19.88 | 19.94 | 19.83 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 20.02 | 20.03 | 20.10 | | |
| 10 | 16QAM | 1 | 49 | 20.00 | 19.92 | 19.92 | | |
| 10 | 16QAM | 25 | 0 | 19.92 | 19.98 | 19.90 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.86 | 19.93 | 19.99 | | |
| 10 | 16QAM | 25 | 25 | 19.92 | 19.96 | 19.91 | | |
| 10 | 16QAM | 50 | 0 | 19.79 | 19.94 | 19.87 | | |
| 10 | 64QAM | 1 | 0 | 19.85 | 20.01 | 20.01 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.99 | 19.85 | 19.90 | | |
| 10 | 64QAM | 1 | 49 | 20.10 | 19.91 | 19.96 | | |
| 10 | 64QAM | 25 | 0 | 19.95 | 19.99 | 19.93 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.97 | 20.03 | 19.96 | | |
| 10 | 64QAM | 25 | 25 | 20.01 | 20.07 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.07 | 19.95 | 19.89 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 19.92 | 20.05 | 19.97 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.89 | 19.97 | 20.04 | | |
| 5 | QPSK | 1 | 24 | 20.02 | 20.01 | 19.94 | | |
| 5 | QPSK | 12 | 0 | 19.97 | 20.05 | 20.10 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.97 | 20.01 | 19.96 | | |
| 5 | QPSK | 12 | 13 | 19.87 | 20.03 | 19.84 | | |
| 5 | QPSK | 25 | 0 | 20.04 | 20.02 | 19.91 | | |
| 5 | 16QAM | 1 | 0 | 19.95 | 19.86 | 19.80 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 20.07 | 19.98 | 20.05 | | |
| 5 | 16QAM | 1 | 24 | 19.89 | 19.92 | 19.91 | | |
| 5 | 16QAM | 12 | 0 | 20.00 | 20.06 | 20.03 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 20.00 | 19.88 | 19.95 | | |
| 5 | 16QAM | 12 | 13 | 19.92 | 19.93 | 19.91 | | |
| 5 | 16QAM | 25 | 0 | 19.96 | 19.95 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 19.85 | 19.89 | 20.04 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 19.93 | 19.90 | | |
| 5 | 64QAM | 1 | 24 | 19.97 | 19.95 | 19.98 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 19.91 | 19.93 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.87 | 19.96 | 20.10 | | |
| 5 | 64QAM | 12 | 13 | 19.94 | 20.02 | 19.99 | | |
| 5 | 64QAM | 25 | 0 | 20.04 | 19.95 | 19.86 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 19.99 | 20.06 | 19.96 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.89 | 20.05 | 20.03 | | |
| 3 | QPSK | 1 | 14 | 20.07 | 19.93 | 20.07 | | |
| 3 | QPSK | 8 | 0 | 20.04 | 20.07 | 20.08 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.98 | 20.01 | 19.94 | | |
| 3 | QPSK | 8 | 7 | 19.88 | 19.97 | 19.92 | | |
| 3 | QPSK | 15 | 0 | 19.94 | 19.95 | 19.95 | | |
| 3 | 16QAM | 1 | 0 | 19.91 | 19.78 | 19.91 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.92 | 20.06 | 19.95 | | |
| 3 | 16QAM | 1 | 14 | 19.95 | 20.09 | 19.98 | | |
| 3 | 16QAM | 8 | 0 | 19.88 | 19.97 | 19.96 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.93 | 20.08 | 19.90 | | |
| 3 | 16QAM | 8 | 7 | 19.87 | 20.06 | 19.93 | | |
| 3 | 16QAM | 15 | 0 | 19.89 | 19.93 | 20.00 | | |
| 3 | 64QAM | 1 | 0 | 19.92 | 19.84 | 20.10 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 20.07 | 19.83 | 20.01 | | |
| 3 | 64QAM | 1 | 14 | 20.07 | 20.07 | 19.94 | | |
| 3 | 64QAM | 8 | 0 | 20.00 | 19.99 | 19.97 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.85 | 19.97 | 20.06 | | |
| 3 | 64QAM | 8 | 7 | 20.06 | 19.92 | 20.05 | | |
| 3 | 64QAM | 15 | 0 | 20.05 | 19.97 | 19.78 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.94 | 20.09 | 20.00 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.93 | 20.01 | 20.05 | | |
| 1.4 | QPSK | 1 | 5 | 20.01 | 20.06 | 19.98 | | |
| 1.4 | QPSK | 3 | 0 | 20.01 | 20.02 | 19.92 | | |
| 1.4 | QPSK | 3 | 1 | 19.99 | 19.90 | 20.04 | | |
| 1.4 | QPSK | 3 | 3 | 19.91 | 20.00 | 19.98 | | |
| 1.4 | QPSK | 6 | 0 | 20.05 | 20.04 | 19.91 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.90 | 19.95 | 19.91 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.07 | 20.09 | 19.92 | | |
| 1.4 | 16QAM | 1 | 5 | 19.88 | 19.98 | 19.99 | | |
| 1.4 | 16QAM | 3 | 0 | 19.99 | 20.02 | 19.86 | | |
| 1.4 | 16QAM | 3 | 1 | 19.91 | 19.99 | 19.84 | | |
| 1.4 | 16QAM | 3 | 3 | 19.99 | 20.04 | 20.05 | | |
| 1.4 | 16QAM | 6 | 0 | 19.82 | 20.06 | 19.88 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.82 | 19.94 | 20.03 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.99 | 19.84 | 19.89 | | |
| 1.4 | 64QAM | 1 | 5 | 20.02 | 20.01 | 19.98 | | |
| 1.4 | 64QAM | 3 | 0 | 20.06 | 20.00 | 19.96 | | |
| 1.4 | 64QAM | 3 | 1 | 19.91 | 19.97 | 20.04 | | |
| 1.4 | 64QAM | 3 | 3 | 20.05 | 19.95 | 20.05 | | |
| 1.4 | 64QAM | 6 | 0 | 20.06 | 20.06 | 19.93 | 21 | 0 |

## Band 7 ENDC Ant 5 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 13.21 | 13.39 | 13.34 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.18 | 13.33 | 13.23 | | |
| 20 | QPSK | 1 | 99 | 13.26 | 13.38 | 13.35 | | |
| 20 | QPSK | 50 | 0 | 13.28 | 13.36 | 13.24 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.07 | 13.17 | 13.10 | | |
| 20 | QPSK | 50 | 50 | 13.09 | 13.24 | 13.19 | | |
| 20 | QPSK | 100 | 0 | 13.18 | 13.25 | 13.18 | | |
| 20 | 16QAM | 1 | 0 | 13.22 | 13.33 | 13.20 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.17 | 13.22 | 13.15 | | |
| 20 | 16QAM | 1 | 99 | 13.20 | 13.29 | 13.17 | | |
| 20 | 16QAM | 50 | 0 | 13.17 | 13.28 | 13.17 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.04 | 13.17 | 13.13 | | |
| 20 | 16QAM | 50 | 50 | 13.18 | 13.21 | 13.15 | | |
| 20 | 16QAM | 100 | 0 | 13.19 | 13.27 | 13.15 | | |
| 20 | 64QAM | 1 | 0 | 13.11 | 13.26 | 13.21 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.28 | 13.36 | 13.26 | | |
| 20 | 64QAM | 1 | 99 | 13.07 | 13.20 | 13.11 | | |
| 20 | 64QAM | 50 | 0 | 13.13 | 13.24 | 13.10 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.11 | 13.20 | 13.10 | | |
| 20 | 64QAM | 50 | 50 | 13.27 | 13.31 | 13.21 | | |
| 20 | 64QAM | 100 | 0 | 13.08 | 13.19 | 13.06 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 13.16 | 13.36 | 13.22 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.10 | 13.20 | 13.14 | | |
| 15 | QPSK | 1 | 74 | 13.16 | 13.34 | 13.31 | | |
| 15 | QPSK | 36 | 0 | 13.13 | 13.29 | 13.12 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.01 | 13.10 | 12.99 | | |
| 15 | QPSK | 36 | 39 | 12.99 | 13.16 | 13.08 | | |
| 15 | QPSK | 75 | 0 | 13.11 | 13.15 | 13.13 | | |
| 15 | 16QAM | 1 | 0 | 13.13 | 13.22 | 13.07 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.04 | 13.08 | 13.10 | | |
| 15 | 16QAM | 1 | 74 | 13.09 | 13.21 | 13.10 | | |
| 15 | 16QAM | 36 | 0 | 13.04 | 13.19 | 13.08 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.01 | 13.05 | 13.06 | | |
| 15 | 16QAM | 36 | 39 | 13.13 | 13.10 | 13.04 | | |
| 15 | 16QAM | 75 | 0 | 13.13 | 13.24 | 13.09 | | |
| 15 | 64QAM | 1 | 0 | 12.98 | 13.15 | 13.12 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.17 | 13.24 | 13.14 | | |
| 15 | 64QAM | 1 | 74 | 13.03 | 13.15 | 13.02 | | |
| 15 | 64QAM | 36 | 0 | 13.05 | 13.16 | 13.02 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 12.98 | 13.06 | 13.00 | | |
| 15 | 64QAM | 36 | 39 | 13.15 | 13.21 | 13.13 | | |
| 15 | 64QAM | 75 | 0 | 12.98 | 13.11 | 13.03 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 13.15 | 13.27 | 13.23 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.04 | 13.22 | 13.12 | | |
| 10 | QPSK | 1 | 49 | 13.18 | 13.31 | 13.27 | | |
| 10 | QPSK | 25 | 0 | 13.19 | 13.25 | 13.14 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.04 | 13.11 | 13.00 | | |
| 10 | QPSK | 25 | 25 | 13.02 | 13.20 | 13.05 | | |
| 10 | QPSK | 50 | 0 | 13.14 | 13.20 | 13.10 | | |
| 10 | 16QAM | 1 | 0 | 13.12 | 13.21 | 13.06 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.10 | 13.12 | 13.11 | | |
| 10 | 16QAM | 1 | 49 | 13.16 | 13.17 | 13.12 | | |
| 10 | 16QAM | 25 | 0 | 13.03 | 13.15 | 13.13 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 12.93 | 13.08 | 12.99 | | |
| 10 | 16QAM | 25 | 25 | 13.05 | 13.07 | 13.10 | | |
| 10 | 16QAM | 50 | 0 | 13.13 | 13.23 | 13.04 | | |
| 10 | 64QAM | 1 | 0 | 13.07 | 13.20 | 13.15 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.18 | 13.26 | 13.12 | | |
| 10 | 64QAM | 1 | 49 | 13.04 | 13.09 | 13.00 | | |
| 10 | 64QAM | 25 | 0 | 13.08 | 13.18 | 13.06 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.05 | 13.08 | 13.03 | | |
| 10 | 64QAM | 25 | 25 | 13.19 | 13.19 | 13.10 | | |
| 10 | 64QAM | 50 | 0 | 12.94 | 13.13 | 12.98 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 13.09 | 13.28 | 13.30 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.04 | 13.20 | 13.11 | | |
| 5 | QPSK | 1 | 24 | 13.14 | 13.29 | 13.22 | | |
| 5 | QPSK | 12 | 0 | 13.21 | 13.28 | 13.13 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.01 | 13.13 | 12.97 | | |
| 5 | QPSK | 12 | 13 | 13.03 | 13.15 | 13.08 | | |
| 5 | QPSK | 25 | 0 | 13.07 | 13.19 | 13.07 | | |
| 5 | 16QAM | 1 | 0 | 13.15 | 13.26 | 13.11 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.04 | 13.09 | 13.03 | | |
| 5 | 16QAM | 1 | 24 | 13.11 | 13.22 | 13.03 | | |
| 5 | 16QAM | 12 | 0 | 13.11 | 13.25 | 13.11 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 12.95 | 13.04 | 13.06 | | |
| 5 | 16QAM | 12 | 13 | 13.07 | 13.16 | 13.05 | | |
| 5 | 16QAM | 25 | 0 | 13.05 | 13.18 | 13.02 | | |
| 5 | 64QAM | 1 | 0 | 13.00 | 13.18 | 13.12 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.20 | 13.29 | 13.12 | | |
| 5 | 64QAM | 1 | 24 | 13.01 | 13.15 | 12.99 | | |
| 5 | 64QAM | 12 | 0 | 13.07 | 13.21 | 13.02 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 12.97 | 13.12 | 13.02 | | |
| 5 | 64QAM | 12 | 13 | 13.17 | 13.27 | 13.12 | | |
| 5 | 64QAM | 25 | 0 | 12.98 | 13.13 | 12.99 | | |

GSM1900 Ant 6 DSI13

| 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 | 22.62 | 22.41 | 22.69 | 24.10 | 13.62 | 13.41 | 13.69 | 15.10 |
| GPRS 1 Tx slot | 22.55 | 22.65 | 22.56 | 24.10 | 13.55 | 13.65 | 13.56 | 15.10 |
| GPRS 2 Tx slots | 19.59 | 19.43 | 19.51 | 21.10 | 13.59 | 13.43 | 13.51 | 15.10 |
| GPRS 3 Tx slots | 17.87 | 17.57 | 17.58 | 19.30 | 13.61 | 13.31 | 13.32 | 15.04 |
| GPRS 4 Tx slots | 16.56 | 16.70 | 16.46 | 18.10 | 13.56 | 13.70 | 13.46 | 15.10 |
| EDGE 1 Tx slot | 22.68 | 22.29 | 22.41 | 24.10 | 13.68 | 13.29 | 13.41 | 15.10 |
| EDGE 2 Tx slots | 19.64 | 19.40 | 19.47 | 21.10 | 13.64 | 13.40 | 13.47 | 15.10 |
| EDGE 3 Tx slots | 17.84 | 17.67 | 17.85 | 19.30 | 13.58 | 13.41 | 13.59 | 15.04 |
| EDGE 4 Tx slots | 16.56 | 16.28 | 16.38 | 18.10 | 13.56 | 13.28 | 13.38 | 15.10 |

WCDMA II Ant 6 DSI13 | WCDMA IV Ant 6 DSI13

| 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 | 12.79 | 12.80 | 12.65 | 14.00 | 16.38 | 16.44 | 16.32 | 17.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 12.87 | 12.92 | 12.78 | 14.00 | 16.45 | 16.57 | 16.51 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 12.01 | 12.11 | 11.78 | 13.20 | 15.37 | 15.40 | 15.21 | 16.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 11.90 | 11.98 | 11.72 | 13.20 | 15.27 | 15.39 | 15.30 | 16.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 11.27 | 11.34 | 11.06 | 12.50 | 14.86 | 14.96 | 14.68 | 16.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 11.03 | 11.29 | 11.32 | 12.50 | 14.95 | 15.11 | 15.15 | 16.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 12.03 | 12.15 | 11.96 | 13.20 | 15.14 | 15.45 | 15.40 | 16.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 11.70 | 11.76 | 11.74 | 13.20 | 15.36 | 15.42 | 15.30 | 16.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 11.13 | 11.29 | 11.03 | 12.50 | 14.91 | 14.81 | 15.02 | 16.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 11.10 | 11.10 | 10.99 | 12.50 | 14.91 | 14.82 | 14.56 | 16.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 11.87 | 12.15 | 11.95 | 13.20 | 15.44 | 15.44 | 15.39 | 16.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 8.73 | 8.67 | 8.59 | 10.00 | 13.40 | 13.44 | 13.33 | 14.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 9.67 | 9.87 | 9.83 | 11.00 | 14.35 | 14.45 | 14.22 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 8.78 | 8.77 | 8.78 | 10.00 | 13.31 | 13.36 | 13.21 | 14.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 11.87 | 12.04 | 11.88 | 13.20 | 15.26 | 15.37 | 15.51 | 16.50 |

## Band 2 Ant 6 DSI13

| BW [MHz] | 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 | 12.76 | 12.95 | 12.81 | 14.2 | 0 |
| 20 | QPSK | 1 | 49 | 12.70 | 12.83 | 12.78 | | |
| 20 | QPSK | 1 | 99 | 12.79 | 12.92 | 12.81 | | |
| 20 | QPSK | 50 | 0 | 12.75 | 12.85 | 12.75 | 14.2 | 0 |
| 20 | QPSK | 50 | 24 | 12.70 | 12.81 | 12.73 | | |
| 20 | QPSK | 50 | 50 | 12.61 | 12.76 | 12.68 | | |
| 20 | QPSK | 100 | 0 | 12.69 | 12.82 | 12.70 | | |
| 20 | 16QAM | 1 | 0 | 12.71 | 12.86 | 12.78 | 14.2 | 0 |
| 20 | 16QAM | 1 | 49 | 12.75 | 12.82 | 12.75 | | |
| 20 | 16QAM | 1 | 99 | 12.64 | 12.74 | 12.65 | | |
| 20 | 16QAM | 50 | 0 | 12.73 | 12.79 | 12.72 | 14.2 | 0 |
| 20 | 16QAM | 50 | 24 | 12.65 | 12.75 | 12.64 | | |
| 20 | 16QAM | 50 | 50 | 12.72 | 12.78 | 12.71 | | |
| 20 | 16QAM | 100 | 0 | 12.65 | 12.76 | 12.68 | | |
| 20 | 64QAM | 1 | 0 | 12.73 | 12.81 | 12.70 | 14.2 | 0 |
| 20 | 64QAM | 1 | 49 | 12.68 | 12.75 | 12.68 | | |
| 20 | 64QAM | 1 | 99 | 12.69 | 12.80 | 12.73 | | |
| 20 | 64QAM | 50 | 0 | 12.78 | 12.92 | 12.86 | 14.2 | 0 |
| 20 | 64QAM | 50 | 24 | 12.74 | 12.83 | 12.68 | | |
| 20 | 64QAM | 50 | 50 | 12.71 | 12.75 | 12.72 | | |
| 20 | 64QAM | 100 | 0 | 12.65 | 12.77 | 12.62 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 12.64 | 12.87 | 12.71 | 14.2 | 0 |
| 15 | QPSK | 1 | 37 | 12.56 | 12.75 | 12.65 | | |
| 15 | QPSK | 1 | 74 | 12.74 | 12.83 | 12.68 | | |
| 15 | QPSK | 36 | 0 | 12.72 | 12.72 | 12.62 | 14.2 | 0 |
| 15 | QPSK | 36 | 20 | 12.65 | 12.71 | 12.68 | | |
| 15 | QPSK | 36 | 39 | 12.49 | 12.67 | 12.60 | | |
| 15 | QPSK | 75 | 0 | 12.60 | 12.79 | 12.62 | | |
| 15 | 16QAM | 1 | 0 | 12.63 | 12.75 | 12.66 | 14.2 | 0 |
| 15 | 16QAM | 1 | 37 | 12.63 | 12.70 | 12.68 | | |
| 15 | 16QAM | 1 | 74 | 12.50 | 12.67 | 12.58 | | |
| 15 | 16QAM | 36 | 0 | 12.63 | 12.65 | 12.69 | 14.2 | 0 |
| 15 | 16QAM | 36 | 20 | 12.55 | 12.69 | 12.59 | | |
| 15 | 16QAM | 36 | 39 | 12.57 | 12.71 | 12.67 | | |
| 15 | 16QAM | 75 | 0 | 12.54 | 12.69 | 12.60 | | |
| 15 | 64QAM | 1 | 0 | 12.68 | 12.76 | 12.66 | 14.2 | 0 |
| 15 | 64QAM | 1 | 37 | 12.62 | 12.61 | 12.58 | | |
| 15 | 64QAM | 1 | 74 | 12.54 | 12.67 | 12.65 | | |
| 15 | 64QAM | 36 | 0 | 12.65 | 12.77 | 12.73 | 14.2 | 0 |
| 15 | 64QAM | 36 | 20 | 12.59 | 12.74 | 12.60 | | |
| 15 | 64QAM | 36 | 39 | 12.64 | 12.72 | 12.61 | | |
| 15 | 64QAM | 75 | 0 | 12.53 | 12.64 | 12.47 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 12.63 | 12.88 | 12.71 | 14.2 | 0 |
| 10 | QPSK | 1 | 25 | 12.64 | 12.77 | 12.64 | | |
| 10 | QPSK | 1 | 49 | 12.71 | 12.87 | 12.66 | | |
| 10 | QPSK | 25 | 0 | 12.61 | 12.80 | 12.69 | 14.2 | 0 |
| 10 | QPSK | 25 | 12 | 12.58 | 12.75 | 12.65 | | |
| 10 | QPSK | 25 | 25 | 12.50 | 12.61 | 12.63 | | |
| 10 | QPSK | 50 | 0 | 12.55 | 12.69 | 12.63 | | |
| 10 | 16QAM | 1 | 0 | 12.61 | 12.81 | 12.74 | 14.2 | 0 |
| 10 | 16QAM | 1 | 25 | 12.64 | 12.76 | 12.68 | | |
| 10 | 16QAM | 1 | 49 | 12.57 | 12.63 | 12.57 | | |
| 10 | 16QAM | 25 | 0 | 12.64 | 12.66 | 12.69 | 14.2 | 0 |
| 10 | 16QAM | 25 | 12 | 12.51 | 12.62 | 12.58 | | |
| 10 | 16QAM | 25 | 25 | 12.57 | 12.67 | 12.61 | | |
| 10 | 16QAM | 50 | 0 | 12.59 | 12.67 | 12.55 | | |
| 10 | 64QAM | 1 | 0 | 12.65 | 12.77 | 12.58 | 14.2 | 0 |
| 10 | 64QAM | 1 | 25 | 12.64 | 12.63 | 12.61 | | |
| 10 | 64QAM | 1 | 49 | 12.63 | 12.68 | 12.66 | | |
| 10 | 64QAM | 25 | 0 | 12.65 | 12.88 | 12.82 | 14.2 | 0 |
| 10 | 64QAM | 25 | 12 | 12.69 | 12.68 | 12.59 | | |
| 10 | 64QAM | 25 | 25 | 12.56 | 12.70 | 12.65 | | |
| 10 | 64QAM | 50 | 0 | 12.55 | 12.70 | 12.48 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 12.71 | 12.91 | 12.72 | 14.2 | 0 |
| 5 | QPSK | 1 | 12 | 12.62 | 12.72 | 12.69 | | |
| 5 | QPSK | 1 | 24 | 12.68 | 12.83 | 12.76 | | |
| 5 | QPSK | 12 | 0 | 12.63 | 12.81 | 12.67 | 14.2 | 0 |
| 5 | QPSK | 12 | 7 | 12.56 | 12.69 | 12.67 | | |
| 5 | QPSK | 12 | 13 | 12.55 | 12.61 | 12.63 | | |
| 5 | QPSK | 25 | 0 | 12.56 | 12.67 | 12.57 | | |
| 5 | 16QAM | 1 | 0 | 12.68 | 12.81 | 12.65 | 14.2 | 0 |
| 5 | 16QAM | 1 | 12 | 12.65 | 12.70 | 12.72 | | |
| 5 | 16QAM | 1 | 24 | 12.58 | 12.62 | 12.60 | | |
| 5 | 16QAM | 12 | 0 | 12.62 | 12.74 | 12.59 | 14.2 | 0 |
| 5 | 16QAM | 12 | 7 | 12.52 | 12.68 | 12.50 | | |
| 5 | 16QAM | 12 | 13 | 12.65 | 12.75 | 12.67 | | |
| 5 | 16QAM | 25 | 0 | 12.62 | 12.70 | 12.59 | | |
| 5 | 64QAM | 1 | 0 | 12.65 | 12.70 | 12.64 | 14.2 | 0 |
| 5 | 64QAM | 1 | 12 | 12.62 | 12.65 | 12.54 | | |
| 5 | 64QAM | 1 | 24 | 12.56 | 12.70 | 12.63 | | |
| 5 | 64QAM | 12 | 0 | 12.67 | 12.81 | 12.71 | 14.2 | 0 |
| 5 | 64QAM | 12 | 7 | 12.63 | 12.74 | 12.63 | | |
| 5 | 64QAM | 12 | 13 | 12.60 | 12.62 | 12.67 | | |
| 5 | 64QAM | 25 | 0 | 12.62 | 12.63 | 12.49 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 12.72 | 12.86 | 12.68 | 14.2 | 0 |
| 3 | QPSK | 1 | 8 | 12.59 | 12.69 | 12.70 | | |
| 3 | QPSK | 1 | 14 | 12.67 | 12.79 | 12.76 | | |
| 3 | QPSK | 8 | 0 | 12.67 | 12.79 | 12.69 | 14.2 | 0 |
| 3 | QPSK | 8 | 4 | 12.62 | 12.74 | 12.58 | | |
| 3 | QPSK | 8 | 7 | 12.48 | 12.71 | 12.55 | | |
| 3 | QPSK | 15 | 0 | 12.54 | 12.78 | 12.66 | | |
| 3 | 16QAM | 1 | 0 | 12.61 | 12.72 | 12.74 | 14.2 | 0 |
| 3 | 16QAM | 1 | 8 | 12.66 | 12.67 | 12.71 | | |
| 3 | 16QAM | 1 | 14 | 12.58 | 12.60 | 12.56 | | |
| 3 | 16QAM | 8 | 0 | 12.65 | 12.71 | 12.59 | 14.2 | 0 |
| 3 | 16QAM | 8 | 4 | 12.60 | 12.67 | 12.57 | | |
| 3 | 16QAM | 8 | 7 | 12.63 | 12.65 | 12.58 | | |
| 3 | 16QAM | 15 | 0 | 12.55 | 12.62 | 12.63 | | |
| 3 | 64QAM | 1 | 0 | 12.58 | 12.75 | 12.66 | 14.2 | 0 |
| 3 | 64QAM | 1 | 8 | 12.60 | 12.66 | 12.54 | | |
| 3 | 64QAM | 1 | 14 | 12.57 | 12.67 | 12.69 | | |
| 3 | 64QAM | 8 | 0 | 12.68 | 12.79 | 12.71 | 14.2 | 0 |
| 3 | 64QAM | 8 | 4 | 12.60 | 12.69 | 12.57 | | |
| 3 | 64QAM | 8 | 7 | 12.58 | 12.67 | 12.63 | | |
| 3 | 64QAM | 15 | 0 | 12.55 | 12.71 | 12.50 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.64 | 12.83 | 12.71 | 14.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.65 | 12.76 | 12.71 | | |
| 1.4 | QPSK | 1 | 5 | 12.74 | 12.87 | 12.72 | | |
| 1.4 | QPSK | 3 | 0 | 12.63 | 12.71 | 12.61 | | |
| 1.4 | QPSK | 3 | 1 | 12.60 | 12.67 | 12.59 | | |
| 1.4 | QPSK | 3 | 3 | 12.51 | 12.62 | 12.64 | | |
| 1.4 | QPSK | 6 | 0 | 12.62 | 12.70 | 12.60 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.62 | 12.72 | 12.75 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.70 | 12.68 | 12.70 | | |
| 1.4 | 16QAM | 1 | 5 | 12.61 | 12.60 | 12.61 | | |
| 1.4 | 16QAM | 3 | 0 | 12.68 | 12.65 | 12.61 | | |
| 1.4 | 16QAM | 3 | 1 | 12.59 | 12.70 | 12.60 | | |
| 1.4 | 16QAM | 3 | 3 | 12.62 | 12.71 | 12.62 | | |
| 1.4 | 16QAM | 6 | 0 | 12.57 | 12.72 | 12.55 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.61 | 12.67 | 12.64 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.58 | 12.63 | 12.58 | | |
| 1.4 | 64QAM | 1 | 5 | 12.64 | 12.76 | 12.68 | | |
| 1.4 | 64QAM | 3 | 0 | 12.71 | 12.83 | 12.80 | | |
| 1.4 | 64QAM | 3 | 1 | 12.62 | 12.70 | 12.57 | | |
| 1.4 | 64QAM | 3 | 3 | 12.63 | 12.61 | 12.69 | | |
| 1.4 | 64QAM | 6 | 0 | 12.55 | 12.65 | 12.48 | 14.2 | 0 |

## Band 4 Ant 6 DSI13

| BW [MHz] | 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 | 15.81 | 15.96 | 15.92 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 15.70 | 15.81 | 15.76 | | |
| 20 | QPSK | 1 | 99 | 15.82 | 15.95 | 15.90 | | |
| 20 | QPSK | 50 | 0 | 15.89 | 15.92 | 15.88 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 15.75 | 15.83 | 15.75 | | |
| 20 | QPSK | 50 | 50 | 15.64 | 15.78 | 15.68 | | |
| 20 | QPSK | 100 | 0 | 15.73 | 15.87 | 15.76 | | |
| 20 | 16QAM | 1 | 0 | 15.74 | 15.79 | 15.71 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 15.75 | 15.80 | 15.73 | | |
| 20 | 16QAM | 1 | 99 | 15.77 | 15.91 | 15.86 | | |
| 20 | 16QAM | 50 | 0 | 15.79 | 15.92 | 15.84 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 15.70 | 15.75 | 15.71 | | |
| 20 | 16QAM | 50 | 50 | 15.83 | 15.95 | 15.86 | | |
| 20 | 16QAM | 100 | 0 | 15.68 | 15.80 | 15.67 | | |
| 20 | 64QAM | 1 | 0 | 15.84 | 15.89 | 15.86 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 15.82 | 15.91 | 15.83 | | |
| 20 | 64QAM | 1 | 99 | 15.58 | 15.73 | 15.62 | | |
| 20 | 64QAM | 50 | 0 | 15.80 | 15.84 | 15.81 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 15.63 | 15.76 | 15.64 | | |
| 20 | 64QAM | 50 | 50 | 15.86 | 15.90 | 15.77 | | |
| 20 | 64QAM | 100 | 0 | 15.75 | 15.88 | 15.74 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 15.76 | 15.84 | 15.78 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 15.60 | 15.75 | 15.64 | | |
| 15 | QPSK | 1 | 74 | 15.68 | 15.81 | 15.76 | | |
| 15 | QPSK | 36 | 0 | 15.82 | 15.85 | 15.83 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 15.68 | 15.76 | 15.67 | | |
| 15 | QPSK | 36 | 39 | 15.55 | 15.69 | 15.63 | | |
| 15 | QPSK | 75 | 0 | 15.64 | 15.83 | 15.67 | | |
| 15 | 16QAM | 1 | 0 | 15.59 | 15.74 | 15.64 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 15.70 | 15.66 | 15.63 | | |
| 15 | 16QAM | 1 | 74 | 15.73 | 15.80 | 15.76 | | |
| 15 | 16QAM | 36 | 0 | 15.73 | 15.86 | 15.77 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 15.66 | 15.68 | 15.66 | | |
| 15 | 16QAM | 36 | 39 | 15.73 | 15.84 | 15.83 | | |
| 15 | 16QAM | 75 | 0 | 15.53 | 15.71 | 15.58 | | |
| 15 | 64QAM | 1 | 0 | 15.74 | 15.74 | 15.83 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 15.69 | 15.83 | 15.79 | | |
| 15 | 64QAM | 1 | 74 | 15.51 | 15.60 | 15.56 | | |
| 15 | 64QAM | 36 | 0 | 15.76 | 15.71 | 15.70 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 15.50 | 15.68 | 15.50 | | |
| 15 | 64QAM | 36 | 39 | 15.82 | 15.83 | 15.70 | | |
| 15 | 64QAM | 75 | 0 | 15.65 | 15.84 | 15.65 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 15.70 | 15.92 | 15.88 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 15.58 | 15.68 | 15.63 | | |
| 10 | QPSK | 1 | 49 | 15.69 | 15.89 | 15.76 | | |
| 10 | QPSK | 25 | 0 | 15.82 | 15.89 | 15.82 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 15.64 | 15.75 | 15.67 | | |
| 10 | QPSK | 25 | 25 | 15.57 | 15.75 | 15.58 | | |
| 10 | QPSK | 50 | 0 | 15.64 | 15.84 | 15.68 | | |
| 10 | 16QAM | 1 | 0 | 15.62 | 15.70 | 15.59 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 15.62 | 15.69 | 15.62 | | |
| 10 | 16QAM | 1 | 49 | 15.74 | 15.76 | 15.81 | | |
| 10 | 16QAM | 25 | 0 | 15.68 | 15.85 | 15.80 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 15.58 | 15.61 | 15.57 | | |
| 10 | 16QAM | 25 | 25 | 15.68 | 15.86 | 15.77 | | |
| 10 | 16QAM | 50 | 0 | 15.59 | 15.72 | 15.61 | | |
| 10 | 64QAM | 1 | 0 | 15.72 | 15.74 | 15.78 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 15.69 | 15.81 | 15.73 | | |
| 10 | 64QAM | 1 | 49 | 15.53 | 15.67 | 15.50 | | |
| 10 | 64QAM | 25 | 0 | 15.74 | 15.79 | 15.71 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 15.60 | 15.62 | 15.51 | | |
| 10 | 64QAM | 25 | 25 | 15.82 | 15.79 | 15.64 | | |
| 10 | 64QAM | 50 | 0 | 15.61 | 15.79 | 15.60 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 15.78 | 15.83 | 15.82 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 15.56 | 15.70 | 15.62 | | |
| 5 | QPSK | 1 | 24 | 15.71 | 15.84 | 15.81 | | |
| 5 | QPSK | 12 | 0 | 15.85 | 15.87 | 15.74 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 15.63 | 15.77 | 15.63 | | |
| 5 | QPSK | 12 | 13 | 15.59 | 15.63 | 15.63 | | |
| 5 | QPSK | 25 | 0 | 15.63 | 15.80 | 15.62 | | |
| 5 | 16QAM | 1 | 0 | 15.66 | 15.72 | 15.63 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 15.69 | 15.75 | 15.62 | | |
| 5 | 16QAM | 1 | 24 | 15.69 | 15.84 | 15.82 | | |
| 5 | 16QAM | 12 | 0 | 15.67 | 15.84 | 15.78 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 15.56 | 15.64 | 15.63 | | |
| 5 | 16QAM | 12 | 13 | 15.69 | 15.86 | 15.75 | | |
| 5 | 16QAM | 25 | 0 | 15.61 | 15.71 | 15.52 | | |
| 5 | 64QAM | 1 | 0 | 15.71 | 15.83 | 15.78 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 15.77 | 15.79 | 15.78 | | |
| 5 | 64QAM | 1 | 24 | 15.52 | 15.63 | 15.57 | | |
| 5 | 64QAM | 12 | 0 | 15.69 | 15.77 | 15.74 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 15.53 | 15.64 | 15.52 | | |
| 5 | 64QAM | 12 | 13 | 15.74 | 15.86 | 15.71 | | |
| 5 | 64QAM | 25 | 0 | 15.61 | 15.77 | 15.67 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 15.68 | 15.92 | 15.84 | 17.2 | 0 |
| 3 | QPSK | 1 | 8 | 15.56 | 15.70 | 15.65 | | |
| 3 | QPSK | 1 | 14 | 15.70 | 15.88 | 15.76 | | |
| 3 | QPSK | 8 | 0 | 15.77 | 15.82 | 15.83 | 17.2 | 0 |
| 3 | QPSK | 8 | 4 | 15.62 | 15.77 | 15.61 | | |
| 3 | QPSK | 8 | 7 | 15.56 | 15.65 | 15.55 | | |
| 3 | QPSK | 15 | 0 | 15.67 | 15.83 | 15.72 | | |
| 3 | 16QAM | 1 | 0 | 15.62 | 15.75 | 15.57 | 17.2 | 0 |
| 3 | 16QAM | 1 | 8 | 15.71 | 15.67 | 15.59 | | |
| 3 | 16QAM | 1 | 14 | 15.71 | 15.79 | 15.78 | | |
| 3 | 16QAM | 8 | 0 | 15.75 | 15.85 | 15.70 | 17.2 | 0 |
| 3 | 16QAM | 8 | 4 | 15.63 | 15.60 | 15.68 | | |
| 3 | 16QAM | 8 | 7 | 15.74 | 15.84 | 15.72 | | |
| 3 | 16QAM | 15 | 0 | 15.57 | 15.70 | 15.55 | | |
| 3 | 64QAM | 1 | 0 | 15.79 | 15.78 | 15.78 | 17.2 | 0 |
| 3 | 64QAM | 1 | 8 | 15.78 | 15.86 | 15.78 | | |
| 3 | 64QAM | 1 | 14 | 15.43 | 15.65 | 15.52 | | |
| 3 | 64QAM | 8 | 0 | 15.73 | 15.79 | 15.70 | 17.2 | 0 |
| 3 | 64QAM | 8 | 4 | 15.49 | 15.65 | 15.58 | | |
| 3 | 64QAM | 8 | 7 | 15.75 | 15.82 | 15.63 | | |
| 3 | 64QAM | 15 | 0 | 15.72 | 15.85 | 15.68 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.72 | 15.85 | 15.78 | 17.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.61 | 15.74 | 15.64 | | |
| 1.4 | QPSK | 1 | 5 | 15.71 | 15.82 | 15.80 | | |
| 1.4 | QPSK | 3 | 0 | 15.78 | 15.79 | 15.83 | | |
| 1.4 | QPSK | 3 | 1 | 15.71 | 15.73 | 15.64 | | |
| 1.4 | QPSK | 3 | 3 | 15.53 | 15.73 | 15.64 | | |
| 1.4 | QPSK | 6 | 0 | 15.60 | 15.73 | 15.66 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.67 | 15.64 | 15.60 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.71 | 15.73 | 15.67 | | |
| 1.4 | 16QAM | 1 | 5 | 15.68 | 15.82 | 15.72 | | |
| 1.4 | 16QAM | 3 | 0 | 15.73 | 15.84 | 15.70 | | |
| 1.4 | 16QAM | 3 | 1 | 15.59 | 15.60 | 15.59 | | |
| 1.4 | 16QAM | 3 | 3 | 15.79 | 15.88 | 15.79 | | |
| 1.4 | 16QAM | 6 | 0 | 15.55 | 15.75 | 15.53 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.73 | 15.77 | 15.77 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.69 | 15.84 | 15.72 | | |
| 1.4 | 64QAM | 1 | 5 | 15.53 | 15.66 | 15.56 | | |
| 1.4 | 64QAM | 3 | 0 | 15.73 | 15.72 | 15.70 | | |
| 1.4 | 64QAM | 3 | 1 | 15.57 | 15.67 | 15.57 | | |
| 1.4 | 64QAM | 3 | 3 | 15.76 | 15.83 | 15.68 | | |
| 1.4 | 64QAM | 6 | 0 | 15.68 | 15.77 | 15.65 | 17.2 | 0 |

## Band 7 Ant 6 DSI13

| BW [MHz] | 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 | 11.23 | 11.44 | 11.32 | 12.7 | 0 |
| 20 | QPSK | 1 | 49 | 11.10 | 11.23 | 11.18 | | |
| 20 | QPSK | 1 | 99 | 11.28 | 11.40 | 11.27 | | |
| 20 | QPSK | 50 | 0 | 11.20 | 11.32 | 11.29 | 12.7 | 0 |
| 20 | QPSK | 50 | 24 | 11.15 | 11.29 | 11.15 | | |
| 20 | QPSK | 50 | 50 | 11.18 | 11.24 | 11.16 | | |
| 20 | QPSK | 100 | 0 | 11.08 | 11.21 | 11.10 | | |
| 20 | 16QAM | 1 | 0 | 11.24 | 11.33 | 11.21 | 12.7 | 0 |
| 20 | 16QAM | 1 | 49 | 11.16 | 11.28 | 11.17 | | |
| 20 | 16QAM | 1 | 99 | 11.29 | 11.39 | 11.30 | | |
| 20 | 16QAM | 50 | 0 | 11.20 | 11.25 | 11.19 | 12.7 | 0 |
| 20 | 16QAM | 50 | 24 | 11.37 | 11.42 | 11.31 | | |
| 20 | 16QAM | 50 | 50 | 11.25 | 11.33 | 11.21 | | |
| 20 | 16QAM | 100 | 0 | 11.09 | 11.23 | 11.12 | | |
| 20 | 64QAM | 1 | 0 | 11.28 | 11.33 | 11.19 | 12.7 | 0 |
| 20 | 64QAM | 1 | 49 | 11.09 | 11.23 | 11.14 | | |
| 20 | 64QAM | 1 | 99 | 11.27 | 11.35 | 11.28 | | |
| 20 | 64QAM | 50 | 0 | 11.10 | 11.23 | 11.14 | 12.7 | 0 |
| 20 | 64QAM | 50 | 24 | 11.21 | 11.33 | 11.25 | | |
| 20 | 64QAM | 50 | 50 | 11.19 | 11.22 | 11.13 | | |
| 20 | 64QAM | 100 | 0 | 11.15 | 11.19 | 11.07 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 11.18 | 11.32 | 11.18 | 12.7 | 0 |
| 15 | QPSK | 1 | 37 | 11.06 | 11.16 | 11.09 | | |
| 15 | QPSK | 1 | 74 | 11.18 | 11.31 | 11.17 | | |
| 15 | QPSK | 36 | 0 | 11.05 | 11.17 | 11.18 | 12.7 | 0 |
| 15 | QPSK | 36 | 20 | 11.04 | 11.25 | 11.03 | | |
| 15 | QPSK | 36 | 39 | 11.04 | 11.09 | 11.11 | | |
| 15 | QPSK | 75 | 0 | 11.04 | 11.14 | 11.06 | | |
| 15 | 16QAM | 1 | 0 | 11.10 | 11.18 | 11.15 | 12.7 | 0 |
| 15 | 16QAM | 1 | 37 | 11.12 | 11.16 | 11.05 | | |
| 15 | 16QAM | 1 | 74 | 11.24 | 11.30 | 11.17 | | |
| 15 | 16QAM | 36 | 0 | 11.06 | 11.20 | 11.09 | 12.7 | 0 |
| 15 | 16QAM | 36 | 20 | 11.33 | 11.31 | 11.27 | | |
| 15 | 16QAM | 36 | 39 | 11.19 | 11.27 | 11.13 | | |
| 15 | 16QAM | 75 | 0 | 10.96 | 11.14 | 11.02 | | |
| 15 | 64QAM | 1 | 0 | 11.14 | 11.23 | 11.04 | 12.7 | 0 |
| 15 | 64QAM | 1 | 37 | 11.02 | 11.12 | 11.09 | | |
| 15 | 64QAM | 1 | 74 | 11.14 | 11.28 | 11.20 | | |
| 15 | 64QAM | 36 | 0 | 11.02 | 11.11 | 11.03 | 12.7 | 0 |
| 15 | 64QAM | 36 | 20 | 11.12 | 11.30 | 11.20 | | |
| 15 | 64QAM | 36 | 39 | 11.15 | 11.08 | 11.09 | | |
| 15 | 64QAM | 75 | 0 | 11.02 | 11.05 | 10.96 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 11.20 | 11.27 | 11.29 | 12.7 | 0 |
| 10 | QPSK | 1 | 25 | 10.99 | 11.18 | 11.09 | | |
| 10 | QPSK | 1 | 49 | 11.25 | 11.35 | 11.20 | | |
| 10 | QPSK | 25 | 0 | 11.12 | 11.25 | 11.23 | 12.7 | 0 |
| 10 | QPSK | 25 | 12 | 11.11 | 11.22 | 11.06 | | |
| 10 | QPSK | 25 | 25 | 11.13 | 11.10 | 11.12 | | |
| 10 | QPSK | 50 | 0 | 11.03 | 11.07 | 11.06 | | |
| 10 | 16QAM | 1 | 0 | 11.09 | 11.27 | 11.10 | 12.7 | 0 |
| 10 | 16QAM | 1 | 25 | 11.11 | 11.25 | 11.12 | | |
| 10 | 16QAM | 1 | 49 | 11.21 | 11.28 | 11.17 | | |
| 10 | 16QAM | 25 | 0 | 11.11 | 11.19 | 11.13 | 12.7 | 0 |
| 10 | 16QAM | 25 | 12 | 11.34 | 11.31 | 11.18 | | |
| 10 | 16QAM | 25 | 25 | 11.20 | 11.24 | 11.16 | | |
| 10 | 16QAM | 50 | 0 | 11.02 | 11.15 | 11.05 | | |
| 10 | 64QAM | 1 | 0 | 11.16 | 11.23 | 11.06 | 12.7 | 0 |
| 10 | 64QAM | 1 | 25 | 11.01 | 11.18 | 11.03 | | |
| 10 | 64QAM | 1 | 49 | 11.14 | 11.21 | 11.19 | | |
| 10 | 64QAM | 25 | 0 | 11.00 | 11.11 | 11.10 | 12.7 | 0 |
| 10 | 64QAM | 25 | 12 | 11.11 | 11.26 | 11.17 | | |
| 10 | 64QAM | 25 | 25 | 11.05 | 11.08 | 11.07 | | |
| 10 | 64QAM | 50 | 0 | 11.04 | 11.06 | 11.03 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 11.14 | 11.30 | 11.19 | 12.7 | 0 |
| 5 | QPSK | 1 | 12 | 11.02 | 11.20 | 11.09 | | |
| 5 | QPSK | 1 | 24 | 11.18 | 11.34 | 11.21 | | |
| 5 | QPSK | 12 | 0 | 11.09 | 11.22 | 11.23 | 12.7 | 0 |
| 5 | QPSK | 12 | 7 | 11.02 | 11.26 | 11.03 | | |
| 5 | QPSK | 12 | 13 | 11.14 | 11.20 | 11.09 | | |
| 5 | QPSK | 25 | 0 | 10.96 | 11.14 | 11.04 | | |
| 5 | 16QAM | 1 | 0 | 11.17 | 11.18 | 11.15 | 12.7 | 0 |
| 5 | 16QAM | 1 | 12 | 11.11 | 11.18 | 11.05 | | |
| 5 | 16QAM | 1 | 24 | 11.15 | 11.26 | 11.17 | | |
| 5 | 16QAM | 12 | 0 | 11.14 | 11.22 | 11.16 | 12.7 | 0 |
| 5 | 16QAM | 12 | 7 | 11.31 | 11.31 | 11.25 | | |
| 5 | 16QAM | 12 | 13 | 11.14 | 11.26 | 11.13 | | |
| 5 | 16QAM | 25 | 0 | 11.00 | 11.11 | 11.07 | | |
| 5 | 64QAM | 1 | 0 | 11.18 | 11.22 | 11.16 | 12.7 | 0 |
| 5 | 64QAM | 1 | 12 | 11.00 | 11.17 | 11.10 | | |
| 5 | 64QAM | 1 | 24 | 11.19 | 11.22 | 11.21 | | |
| 5 | 64QAM | 12 | 0 | 10.98 | 11.14 | 11.04 | 12.7 | 0 |
| 5 | 64QAM | 12 | 7 | 11.07 | 11.25 | 11.20 | | |
| 5 | 64QAM | 12 | 13 | 11.11 | 11.11 | 11.06 | | |
| 5 | 64QAM | 25 | 0 | 11.06 | 11.15 | 10.92 | | |

## Band 25 Ant 6 DSI13

| BW [MHz] | 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 | 13.01 | 13.06 | 12.92 | 14.2 | 0 |
| 20 | QPSK | 1 | 49 | 12.86 | 12.90 | 12.80 | | |
| 20 | QPSK | 1 | 99 | 12.91 | 13.02 | 12.93 | | |
| 20 | QPSK | 50 | 0 | 12.89 | 13.01 | 12.93 | 14.2 | 0 |
| 20 | QPSK | 50 | 24 | 12.86 | 12.90 | 12.75 | | |
| 20 | QPSK | 50 | 50 | 12.77 | 12.89 | 12.83 | | |
| 20 | QPSK | 100 | 0 | 12.91 | 13.04 | 12.94 | | |
| 20 | 16QAM | 1 | 0 | 12.91 | 13.01 | 12.95 | 14.2 | 0 |
| 20 | 16QAM | 1 | 49 | 12.83 | 12.88 | 12.81 | | |
| 20 | 16QAM | 1 | 99 | 12.82 | 12.96 | 12.85 | | |
| 20 | 16QAM | 50 | 0 | 12.87 | 12.92 | 12.86 | 14.2 | 0 |
| 20 | 16QAM | 50 | 24 | 12.91 | 13.01 | 12.86 | | |
| 20 | 16QAM | 50 | 50 | 12.76 | 12.87 | 12.80 | | |
| 20 | 16QAM | 100 | 0 | 13.01 | 13.05 | 12.92 | | |
| 20 | 64QAM | 1 | 0 | 12.81 | 12.86 | 12.75 | 14.2 | 0 |
| 20 | 64QAM | 1 | 49 | 12.75 | 12.88 | 12.82 | | |
| 20 | 64QAM | 1 | 99 | 12.87 | 13.00 | 12.88 | | |
| 20 | 64QAM | 50 | 0 | 12.99 | 13.04 | 12.99 | 14.2 | 0 |
| 20 | 64QAM | 50 | 24 | 12.83 | 12.87 | 12.74 | | |
| 20 | 64QAM | 50 | 50 | 12.82 | 12.96 | 12.93 | | |
| 20 | 64QAM | 100 | 0 | 12.91 | 13.02 | 12.92 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 12.86 | 12.92 | 12.79 | 14.2 | 0 |
| 15 | QPSK | 1 | 37 | 12.75 | 12.84 | 12.74 | | |
| 15 | QPSK | 1 | 74 | 12.83 | 12.95 | 12.79 | | |
| 15 | QPSK | 36 | 0 | 12.75 | 12.93 | 12.89 | 14.2 | 0 |
| 15 | QPSK | 36 | 20 | 12.79 | 12.76 | 12.64 | | |
| 15 | QPSK | 36 | 39 | 12.65 | 12.82 | 12.77 | | |
| 15 | QPSK | 75 | 0 | 12.84 | 13.00 | 12.83 | | |
| 15 | 16QAM | 1 | 0 | 12.77 | 12.88 | 12.81 | 14.2 | 0 |
| 15 | 16QAM | 1 | 37 | 12.69 | 12.84 | 12.72 | | |
| 15 | 16QAM | 1 | 74 | 12.77 | 12.87 | 12.78 | | |
| 15 | 16QAM | 36 | 0 | 12.74 | 12.82 | 12.75 | 14.2 | 0 |
| 15 | 16QAM | 36 | 20 | 12.88 | 12.90 | 12.73 | | |
| 15 | 16QAM | 36 | 39 | 12.72 | 12.82 | 12.70 | | |
| 15 | 16QAM | 75 | 0 | 12.98 | 12.96 | 12.79 | | |
| 15 | 64QAM | 1 | 0 | 12.69 | 12.76 | 12.68 | 14.2 | 0 |
| 15 | 64QAM | 1 | 37 | 12.67 | 12.76 | 12.71 | | |
| 15 | 64QAM | 1 | 74 | 12.84 | 12.88 | 12.79 | | |
| 15 | 64QAM | 36 | 0 | 12.93 | 13.01 | 12.92 | 14.2 | 0 |
| 15 | 64QAM | 36 | 20 | 12.80 | 12.78 | 12.62 | | |
| 15 | 64QAM | 36 | 39 | 12.72 | 12.89 | 12.86 | | |
| 15 | 64QAM | 75 | 0 | 12.84 | 12.95 | 12.84 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 12.92 | 12.99 | 12.84 | 14.2 | 0 |
| 10 | QPSK | 1 | 25 | 12.75 | 12.78 | 12.73 | | |
| 10 | QPSK | 1 | 49 | 12.82 | 12.90 | 12.86 | | |
| 10 | QPSK | 25 | 0 | 12.84 | 12.97 | 12.84 | 14.2 | 0 |
| 10 | QPSK | 25 | 12 | 12.74 | 12.86 | 12.70 | | |
| 10 | QPSK | 25 | 25 | 12.69 | 12.80 | 12.69 | | |
| 10 | QPSK | 50 | 0 | 12.77 | 12.96 | 12.81 | | |
| 10 | 16QAM | 1 | 0 | 12.80 | 12.94 | 12.89 | 14.2 | 0 |
| 10 | 16QAM | 1 | 25 | 12.78 | 12.77 | 12.71 | | |
| 10 | 16QAM | 1 | 49 | 12.77 | 12.82 | 12.82 | | |
| 10 | 16QAM | 25 | 0 | 12.80 | 12.77 | 12.83 | 14.2 | 0 |
| 10 | 16QAM | 25 | 12 | 12.78 | 12.95 | 12.82 | | |
| 10 | 16QAM | 25 | 25 | 12.69 | 12.80 | 12.75 | | |
| 10 | 16QAM | 50 | 0 | 12.89 | 13.00 | 12.80 | | |
| 10 | 64QAM | 1 | 0 | 12.73 | 12.78 | 12.66 | 14.2 | 0 |
| 10 | 64QAM | 1 | 25 | 12.66 | 12.76 | 12.74 | | |
| 10 | 64QAM | 1 | 49 | 12.83 | 12.91 | 12.82 | | |
| 10 | 64QAM | 25 | 0 | 12.89 | 12.93 | 12.87 | 14.2 | 0 |
| 10 | 64QAM | 25 | 12 | 12.78 | 12.83 | 12.59 | | |
| 10 | 64QAM | 25 | 25 | 12.69 | 12.84 | 12.83 | | |
| 10 | 64QAM | 50 | 0 | 12.88 | 12.88 | 12.82 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 12.97 | 12.98 | 12.82 | 14.2 | 0 |
| 5 | QPSK | 1 | 12 | 12.82 | 12.81 | 12.72 | | |
| 5 | QPSK | 1 | 24 | 12.83 | 12.92 | 12.83 | | |
| 5 | QPSK | 12 | 0 | 12.79 | 12.97 | 12.87 | 14.2 | 0 |
| 5 | QPSK | 12 | 7 | 12.72 | 12.79 | 12.65 | | |
| 5 | QPSK | 12 | 13 | 12.70 | 12.79 | 12.70 | | |
| 5 | QPSK | 25 | 0 | 12.87 | 12.94 | 12.86 | | |
| 5 | 16QAM | 1 | 0 | 12.78 | 12.94 | 12.83 | 14.2 | 0 |
| 5 | 16QAM | 1 | 12 | 12.68 | 12.81 | 12.75 | | |
| 5 | 16QAM | 1 | 24 | 12.72 | 12.85 | 12.75 | | |
| 5 | 16QAM | 12 | 0 | 12.83 | 12.79 | 12.75 | 14.2 | 0 |
| 5 | 16QAM | 12 | 7 | 12.87 | 12.97 | 12.81 | | |
| 5 | 16QAM | 12 | 13 | 12.69 | 12.78 | 12.67 | | |
| 5 | 16QAM | 25 | 0 | 12.86 | 12.97 | 12.82 | | |
| 5 | 64QAM | 1 | 0 | 12.77 | 12.72 | 12.62 | 14.2 | 0 |
| 5 | 64QAM | 1 | 12 | 12.66 | 12.83 | 12.77 | | |
| 5 | 64QAM | 1 | 24 | 12.79 | 12.94 | 12.75 | | |
| 5 | 64QAM | 12 | 0 | 12.88 | 12.95 | 12.95 | 14.2 | 0 |
| 5 | 64QAM | 12 | 7 | 12.70 | 12.74 | 12.60 | | |
| 5 | 64QAM | 12 | 13 | 12.67 | 12.93 | 12.78 | | |
| 5 | 64QAM | 25 | 0 | 12.85 | 12.90 | 12.82 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 12.96 | 12.96 | 12.79 | 14.2 | 0 |
| 3 | QPSK | 1 | 8 | 12.71 | 12.80 | 12.71 | | |
| 3 | QPSK | 1 | 14 | 12.86 | 12.98 | 12.88 | | |
| 3 | QPSK | 8 | 0 | 12.83 | 12.91 | 12.87 | 14.2 | 0 |
| 3 | QPSK | 8 | 4 | 12.83 | 12.75 | 12.69 | | |
| 3 | QPSK | 8 | 7 | 12.68 | 12.78 | 12.80 | | |
| 3 | QPSK | 15 | 0 | 12.87 | 12.98 | 12.81 | | |
| 3 | 16QAM | 1 | 0 | 12.78 | 12.95 | 12.87 | 14.2 | 0 |
| 3 | 16QAM | 1 | 8 | 12.71 | 12.77 | 12.77 | | |
| 3 | 16QAM | 1 | 14 | 12.78 | 12.81 | 12.79 | | |
| 3 | 16QAM | 8 | 0 | 12.79 | 12.82 | 12.78 | 14.2 | 0 |
| 3 | 16QAM | 8 | 4 | 12.87 | 12.87 | 12.81 | | |
| 3 | 16QAM | 8 | 7 | 12.71 | 12.74 | 12.66 | | |
| 3 | 16QAM | 15 | 0 | 12.96 | 12.92 | 12.83 | | |
| 3 | 64QAM | 1 | 0 | 12.67 | 12.82 | 12.66 | 14.2 | 0 |
| 3 | 64QAM | 1 | 8 | 12.72 | 12.75 | 12.70 | | |
| 3 | 64QAM | 1 | 14 | 12.74 | 12.95 | 12.76 | | |
| 3 | 64QAM | 8 | 0 | 12.88 | 13.00 | 12.94 | 14.2 | 0 |
| 3 | 64QAM | 8 | 4 | 12.71 | 12.74 | 12.64 | | |
| 3 | 64QAM | 8 | 7 | 12.74 | 12.82 | 12.88 | | |
| 3 | 64QAM | 15 | 0 | 12.84 | 12.97 | 12.86 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 12.89 | 12.94 | 12.88 | 14.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 12.78 | 12.77 | 12.65 | | |
| 1.4 | QPSK | 1 | 5 | 12.84 | 12.97 | 12.85 | | |
| 1.4 | QPSK | 3 | 0 | 12.84 | 12.97 | 12.83 | | |
| 1.4 | QPSK | 3 | 1 | 12.78 | 12.80 | 12.65 | | |
| 1.4 | QPSK | 3 | 3 | 12.68 | 12.84 | 12.72 | | |
| 1.4 | QPSK | 6 | 0 | 12.84 | 12.90 | 12.90 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 12.88 | 12.96 | 12.86 | 14.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 12.76 | 12.82 | 12.66 | | |
| 1.4 | 16QAM | 1 | 5 | 12.68 | 12.85 | 12.77 | | |
| 1.4 | 16QAM | 3 | 0 | 12.72 | 12.87 | 12.80 | | |
| 1.4 | 16QAM | 3 | 1 | 12.77 | 12.94 | 12.80 | | |
| 1.4 | 16QAM | 3 | 3 | 12.62 | 12.82 | 12.75 | | |
| 1.4 | 16QAM | 6 | 0 | 12.94 | 12.95 | 12.89 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 12.78 | 12.76 | 12.67 | 14.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 12.65 | 12.74 | 12.69 | | |
| 1.4 | 64QAM | 1 | 5 | 12.81 | 12.88 | 12.80 | | |
| 1.4 | 64QAM | 3 | 0 | 12.92 | 12.97 | 12.86 | | |
| 1.4 | 64QAM | 3 | 1 | 12.70 | 12.84 | 12.67 | | |
| 1.4 | 64QAM | 3 | 3 | 12.77 | 12.84 | 12.84 | | |
| 1.4 | 64QAM | 6 | 0 | 12.77 | 12.90 | 12.79 | 14.2 | 0 |

## Band 66 Ant 6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 15.94 | 15.99 | 15.88 | 17.2 | 0 |
| 20 | QPSK | 1 | 49 | 15.68 | 15.83 | 15.76 | | |
| 20 | QPSK | 1 | 99 | 15.90 | 15.96 | 15.82 | | |
| 20 | QPSK | 50 | 0 | 15.86 | 15.90 | 15.80 | 17.2 | 0 |
| 20 | QPSK | 50 | 24 | 15.71 | 15.79 | 15.66 | | |
| 20 | QPSK | 50 | 50 | 15.78 | 15.83 | 15.77 | | |
| 20 | QPSK | 100 | 0 | 15.85 | 15.93 | 15.85 | | |
| 20 | 16QAM | 1 | 0 | 15.72 | 15.85 | 15.73 | 17.2 | 0 |
| 20 | 16QAM | 1 | 49 | 15.70 | 15.82 | 15.77 | | |
| 20 | 16QAM | 1 | 99 | 15.80 | 15.94 | 15.84 | | |
| 20 | 16QAM | 50 | 0 | 15.70 | 15.83 | 15.70 | 17.2 | 0 |
| 20 | 16QAM | 50 | 24 | 15.76 | 15.82 | 15.76 | | |
| 20 | 16QAM | 50 | 50 | 15.77 | 15.87 | 15.74 | | |
| 20 | 16QAM | 100 | 0 | 15.83 | 15.87 | 15.76 | | |
| 20 | 64QAM | 1 | 0 | 15.77 | 15.81 | 15.73 | 17.2 | 0 |
| 20 | 64QAM | 1 | 49 | 15.93 | 15.96 | 15.87 | | |
| 20 | 64QAM | 1 | 99 | 15.90 | 15.93 | 15.86 | | |
| 20 | 64QAM | 50 | 0 | 15.68 | 15.79 | 15.72 | 17.2 | 0 |
| 20 | 64QAM | 50 | 24 | 15.85 | 15.92 | 15.81 | | |
| 20 | 64QAM | 50 | 50 | 15.85 | 15.90 | 15.80 | | |
| 20 | 64QAM | 100 | 0 | 15.91 | 15.95 | 15.82 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 15.84 | 15.94 | 15.82 | 17.2 | 0 |
| 15 | QPSK | 1 | 37 | 15.60 | 15.80 | 15.69 | | |
| 15 | QPSK | 1 | 74 | 15.77 | 15.84 | 15.69 | | |
| 15 | QPSK | 36 | 0 | 15.78 | 15.80 | 15.67 | 17.2 | 0 |
| 15 | QPSK | 36 | 20 | 15.58 | 15.71 | 15.55 | | |
| 15 | QPSK | 36 | 39 | 15.64 | 15.70 | 15.69 | | |
| 15 | QPSK | 75 | 0 | 15.71 | 15.82 | 15.71 | | |
| 15 | 16QAM | 1 | 0 | 15.63 | 15.73 | 15.59 | 17.2 | 0 |
| 15 | 16QAM | 1 | 37 | 15.58 | 15.70 | 15.72 | | |
| 15 | 16QAM | 1 | 74 | 15.70 | 15.81 | 15.73 | | |
| 15 | 16QAM | 36 | 0 | 15.61 | 15.74 | 15.63 | 17.2 | 0 |
| 15 | 16QAM | 36 | 20 | 15.73 | 15.71 | 15.66 | | |
| 15 | 16QAM | 36 | 39 | 15.64 | 15.81 | 15.69 | | |
| 15 | 16QAM | 75 | 0 | 15.73 | 15.80 | 15.73 | | |
| 15 | 64QAM | 1 | 0 | 15.70 | 15.69 | 15.63 | 17.2 | 0 |
| 15 | 64QAM | 1 | 37 | 15.84 | 15.91 | 15.76 | | |
| 15 | 64QAM | 1 | 74 | 15.83 | 15.86 | 15.75 | | |
| 15 | 64QAM | 36 | 0 | 15.64 | 15.64 | 15.64 | 17.2 | 0 |
| 15 | 64QAM | 36 | 20 | 15.76 | 15.83 | 15.77 | | |
| 15 | 64QAM | 36 | 39 | 15.80 | 15.81 | 15.69 | | |
| 15 | 64QAM | 75 | 0 | 15.78 | 15.82 | 15.69 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 15.87 | 15.88 | 15.73 | 17.2 | 0 |
| 10 | QPSK | 1 | 25 | 15.59 | 15.72 | 15.68 | | |
| 10 | QPSK | 1 | 49 | 15.79 | 15.86 | 15.70 | | |
| 10 | QPSK | 25 | 0 | 15.78 | 15.82 | 15.69 | 17.2 | 0 |
| 10 | QPSK | 25 | 12 | 15.58 | 15.65 | 15.53 | | |
| 10 | QPSK | 25 | 25 | 15.73 | 15.70 | 15.73 | | |
| 10 | QPSK | 50 | 0 | 15.72 | 15.83 | 15.74 | | |
| 10 | 16QAM | 1 | 0 | 15.58 | 15.71 | 15.65 | 17.2 | 0 |
| 10 | 16QAM | 1 | 25 | 15.67 | 15.69 | 15.73 | | |
| 10 | 16QAM | 1 | 49 | 15.74 | 15.84 | 15.70 | | |
| 10 | 16QAM | 25 | 0 | 15.63 | 15.80 | 15.62 | 17.2 | 0 |
| 10 | 16QAM | 25 | 12 | 15.65 | 15.72 | 15.69 | | |
| 10 | 16QAM | 25 | 25 | 15.69 | 15.73 | 15.69 | | |
| 10 | 16QAM | 50 | 0 | 15.70 | 15.78 | 15.63 | | |
| 10 | 64QAM | 1 | 0 | 15.63 | 15.71 | 15.67 | 17.2 | 0 |
| 10 | 64QAM | 1 | 25 | 15.89 | 15.92 | 15.75 | | |
| 10 | 64QAM | 1 | 49 | 15.86 | 15.88 | 15.73 | | |
| 10 | 64QAM | 25 | 0 | 15.61 | 15.76 | 15.59 | 17.2 | 0 |
| 10 | 64QAM | 25 | 12 | 15.73 | 15.87 | 15.77 | | |
| 10 | 64QAM | 25 | 25 | 15.71 | 15.77 | 15.71 | | |
| 10 | 64QAM | 50 | 0 | 15.78 | 15.90 | 15.78 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 15.81 | 15.91 | 15.81 | 17.2 | 0 |
| 5 | QPSK | 1 | 12 | 15.62 | 15.68 | 15.62 | | |
| 5 | QPSK | 1 | 24 | 15.76 | 15.85 | 15.76 | | |
| 5 | QPSK | 12 | 0 | 15.71 | 15.81 | 15.66 | 17.2 | 0 |
| 5 | QPSK | 12 | 7 | 15.63 | 15.67 | 15.62 | | |
| 5 | QPSK | 12 | 13 | 15.65 | 15.76 | 15.72 | | |
| 5 | QPSK | 25 | 0 | 15.81 | 15.85 | 15.77 | | |
| 5 | 16QAM | 1 | 0 | 15.67 | 15.80 | 15.67 | 17.2 | 0 |
| 5 | 16QAM | 1 | 12 | 15.59 | 15.71 | 15.63 | | |
| 5 | 16QAM | 1 | 24 | 15.74 | 15.84 | 15.78 | | |
| 5 | 16QAM | 12 | 0 | 15.57 | 15.79 | 15.67 | 17.2 | 0 |
| 5 | 16QAM | 12 | 7 | 15.69 | 15.70 | 15.67 | | |
| 5 | 16QAM | 12 | 13 | 15.70 | 15.77 | 15.62 | | |
| 5 | 16QAM | 25 | 0 | 15.69 | 15.80 | 15.68 | | |
| 5 | 64QAM | 1 | 0 | 15.66 | 15.77 | 15.70 | 17.2 | 0 |
| 5 | 64QAM | 1 | 12 | 15.89 | 15.84 | 15.80 | | |
| 5 | 64QAM | 1 | 24 | 15.76 | 15.89 | 15.75 | | |
| 5 | 64QAM | 12 | 0 | 15.53 | 15.75 | 15.69 | 17.2 | 0 |
| 5 | 64QAM | 12 | 7 | 15.77 | 15.80 | 15.73 | | |
| 5 | 64QAM | 12 | 13 | 15.74 | 15.75 | 15.72 | | |
| 5 | 64QAM | 25 | 0 | 15.87 | 15.90 | 15.70 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 15.83 | 15.84 | 15.80 | 17.2 | 0 |
| 3 | QPSK | 1 | 8 | 15.55 | 15.69 | 15.62 | | |
| 3 | QPSK | 1 | 14 | 15.84 | 15.86 | 15.68 | | |
| 3 | QPSK | 8 | 0 | 15.80 | 15.83 | 15.76 | 17.2 | 0 |
| 3 | QPSK | 8 | 4 | 15.58 | 15.66 | 15.59 | | |
| 3 | QPSK | 8 | 7 | 15.65 | 15.70 | 15.73 | | |
| 3 | QPSK | 15 | 0 | 15.70 | 15.81 | 15.71 | | |
| 3 | 16QAM | 1 | 0 | 15.68 | 15.73 | 15.58 | 17.2 | 0 |
| 3 | 16QAM | 1 | 8 | 15.66 | 15.77 | 15.63 | | |
| 3 | 16QAM | 1 | 14 | 15.72 | 15.82 | 15.74 | | |
| 3 | 16QAM | 8 | 0 | 15.57 | 15.71 | 15.62 | 17.2 | 0 |
| 3 | 16QAM | 8 | 4 | 15.66 | 15.68 | 15.66 | | |
| 3 | 16QAM | 8 | 7 | 15.72 | 15.79 | 15.60 | | |
| 3 | 16QAM | 15 | 0 | 15.79 | 15.75 | 15.66 | | |
| 3 | 64QAM | 1 | 0 | 15.70 | 15.76 | 15.60 | 17.2 | 0 |
| 3 | 64QAM | 1 | 8 | 15.82 | 15.84 | 15.82 | | |
| 3 | 64QAM | 1 | 14 | 15.83 | 15.80 | 15.75 | | |
| 3 | 64QAM | 8 | 0 | 15.56 | 15.75 | 15.66 | 17.2 | 0 |
| 3 | 64QAM | 8 | 4 | 15.72 | 15.79 | 15.70 | | |
| 3 | 64QAM | 8 | 7 | 15.74 | 15.83 | 15.67 | | |
| 3 | 64QAM | 15 | 0 | 15.82 | 15.87 | 15.69 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.87 | 15.89 | 15.82 | 17.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.61 | 15.75 | 15.68 | | |
| 1.4 | QPSK | 1 | 5 | 15.78 | 15.87 | 15.72 | | |
| 1.4 | QPSK | 3 | 0 | 15.72 | 15.82 | 15.75 | | |
| 1.4 | QPSK | 3 | 1 | 15.60 | 15.69 | 15.57 | | |
| 1.4 | QPSK | 3 | 3 | 15.68 | 15.71 | 15.62 | | |
| 1.4 | QPSK | 6 | 0 | 15.74 | 15.83 | 15.76 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.69 | 15.77 | 15.65 | 17.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.63 | 15.74 | 15.64 | | |
| 1.4 | 16QAM | 1 | 5 | 15.70 | 15.88 | 15.80 | | |
| 1.4 | 16QAM | 3 | 0 | 15.55 | 15.79 | 15.60 | | |
| 1.4 | 16QAM | 3 | 1 | 15.66 | 15.78 | 15.64 | | |
| 1.4 | 16QAM | 3 | 3 | 15.63 | 15.76 | 15.64 | | |
| 1.4 | 16QAM | 6 | 0 | 15.77 | 15.79 | 15.68 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.69 | 15.72 | 15.70 | 17.2 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.80 | 15.90 | 15.78 | | |
| 1.4 | 64QAM | 1 | 5 | 15.86 | 15.79 | 15.79 | | |
| 1.4 | 64QAM | 3 | 0 | 15.62 | 15.72 | 15.59 | | |
| 1.4 | 64QAM | 3 | 1 | 15.73 | 15.88 | 15.71 | | |
| 1.4 | 64QAM | 3 | 3 | 15.82 | 15.84 | 15.72 | | |
| 1.4 | 64QAM | 6 | 0 | 15.87 | 15.80 | 15.79 | 17.2 | 0 |

## Band 38 Ant 6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 13.79 | 13.86 | 13.75 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.65 | 13.77 | 13.68 | | |
| 20 | QPSK | 1 | 99 | 13.63 | 13.69 | 13.59 | | |
| 20 | QPSK | 50 | 0 | 13.71 | 13.82 | 13.76 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.65 | 13.75 | 13.71 | | |
| 20 | QPSK | 50 | 50 | 13.74 | 13.78 | 13.73 | | |
| 20 | QPSK | 100 | 0 | 13.66 | 13.78 | 13.64 | | |
| 20 | 16QAM | 1 | 0 | 13.70 | 13.74 | 13.61 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.69 | 13.80 | 13.74 | | |
| 20 | 16QAM | 1 | 99 | 13.57 | 13.66 | 13.57 | | |
| 20 | 16QAM | 50 | 0 | 13.64 | 13.76 | 13.62 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.61 | 13.67 | 13.57 | | |
| 20 | 16QAM | 50 | 50 | 13.76 | 13.81 | 13.68 | | |
| 20 | 16QAM | 100 | 0 | 13.71 | 13.79 | 13.70 | | |
| 20 | 64QAM | 1 | 0 | 13.62 | 13.68 | 13.56 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.77 | 13.81 | 13.70 | | |
| 20 | 64QAM | 1 | 99 | 13.69 | 13.82 | 13.75 | | |
| 20 | 64QAM | 50 | 0 | 13.60 | 13.75 | 13.62 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.69 | 13.81 | 13.75 | | |
| 20 | 64QAM | 50 | 50 | 13.67 | 13.71 | 13.67 | | |
| 20 | 64QAM | 100 | 0 | 13.71 | 13.76 | 13.64 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 13.65 | 13.80 | 13.63 | 14.9 | 0 |
| 15 | QPSK | 1 | 37 | 13.62 | 13.74 | 13.58 | | |
| 15 | QPSK | 1 | 74 | 13.58 | 13.58 | 13.55 | | |
| 15 | QPSK | 36 | 0 | 13.63 | 13.72 | 13.68 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.59 | 13.60 | 13.65 | | |
| 15 | QPSK | 36 | 39 | 13.68 | 13.67 | 13.60 | | |
| 15 | QPSK | 75 | 0 | 13.61 | 13.63 | 13.57 | | |
| 15 | 16QAM | 1 | 0 | 13.64 | 13.59 | 13.53 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.56 | 13.67 | 13.69 | | |
| 15 | 16QAM | 1 | 74 | 13.51 | 13.51 | 13.54 | | |
| 15 | 16QAM | 36 | 0 | 13.60 | 13.63 | 13.51 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.53 | 13.61 | 13.47 | | |
| 15 | 16QAM | 36 | 39 | 13.62 | 13.72 | 13.59 | | |
| 15 | 16QAM | 75 | 0 | 13.60 | 13.68 | 13.65 | | |
| 15 | 64QAM | 1 | 0 | 13.48 | 13.64 | 13.46 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.73 | 13.69 | 13.62 | | |
| 15 | 64QAM | 1 | 74 | 13.56 | 13.77 | 13.71 | | |
| 15 | 64QAM | 36 | 0 | 13.46 | 13.67 | 13.49 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.56 | 13.75 | 13.69 | | |
| 15 | 64QAM | 36 | 39 | 13.62 | 13.64 | 13.54 | | |
| 15 | 64QAM | 75 | 0 | 13.61 | 13.65 | 13.55 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 13.76 | 13.81 | 13.67 | 14.9 | 0 |
| 10 | QPSK | 1 | 25 | 13.55 | 13.68 | 13.58 | | |
| 10 | QPSK | 1 | 49 | 13.58 | 13.58 | 13.51 | | |
| 10 | QPSK | 25 | 0 | 13.59 | 13.75 | 13.70 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.56 | 13.71 | 13.58 | | |
| 10 | QPSK | 25 | 25 | 13.62 | 13.72 | 13.69 | | |
| 10 | QPSK | 50 | 0 | 13.52 | 13.64 | 13.59 | | |
| 10 | 16QAM | 1 | 0 | 13.61 | 13.61 | 13.47 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.62 | 13.75 | 13.70 | | |
| 10 | 16QAM | 1 | 49 | 13.49 | 13.59 | 13.42 | | |
| 10 | 16QAM | 25 | 0 | 13.51 | 13.69 | 13.48 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.52 | 13.52 | 13.53 | | |
| 10 | 16QAM | 25 | 25 | 13.70 | 13.66 | 13.61 | | |
| 10 | 16QAM | 50 | 0 | 13.59 | 13.71 | 13.61 | | |
| 10 | 64QAM | 1 | 0 | 13.55 | 13.55 | 13.46 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.63 | 13.69 | 13.66 | | |
| 10 | 64QAM | 1 | 49 | 13.62 | 13.72 | 13.71 | | |
| 10 | 64QAM | 25 | 0 | 13.50 | 13.67 | 13.48 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.64 | 13.77 | 13.72 | | |
| 10 | 64QAM | 25 | 25 | 13.59 | 13.62 | 13.59 | | |
| 10 | 64QAM | 50 | 0 | 13.60 | 13.66 | 13.54 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 13.72 | 13.73 | 13.66 | 14.9 | 0 |
| 5 | QPSK | 1 | 12 | 13.60 | 13.71 | 13.59 | | |
| 5 | QPSK | 1 | 24 | 13.54 | 13.56 | 13.49 | | |
| 5 | QPSK | 12 | 0 | 13.67 | 13.75 | 13.68 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.58 | 13.60 | 13.68 | | |
| 5 | QPSK | 12 | 13 | 13.63 | 13.67 | 13.62 | | |
| 5 | QPSK | 25 | 0 | 13.62 | 13.71 | 13.53 | | |
| 5 | 16QAM | 1 | 0 | 13.64 | 13.69 | 13.50 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.64 | 13.77 | 13.63 | | |
| 5 | 16QAM | 1 | 24 | 13.49 | 13.59 | 13.47 | | |
| 5 | 16QAM | 12 | 0 | 13.53 | 13.62 | 13.53 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.56 | 13.59 | 13.46 | | |
| 5 | 16QAM | 12 | 13 | 13.64 | 13.73 | 13.57 | | |
| 5 | 16QAM | 25 | 0 | 13.62 | 13.67 | 13.62 | | |
| 5 | 64QAM | 1 | 0 | 13.55 | 13.61 | 13.49 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.69 | 13.72 | 13.56 | | |
| 5 | 64QAM | 1 | 24 | 13.65 | 13.71 | 13.62 | | |
| 5 | 64QAM | 12 | 0 | 13.51 | 13.61 | 13.51 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.63 | 13.78 | 13.68 | | |
| 5 | 64QAM | 12 | 13 | 13.63 | 13.56 | 13.58 | | |
| 5 | 64QAM | 25 | 0 | 13.68 | 13.66 | 13.55 | | |

## Band 41 Ant 6 DSI13

| 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 | 13.84 | 13.77 | 13.90 | 13.85 | 13.88 | 14.9 | 0 |
| 20 | QPSK | 1 | 49 | 13.76 | 13.75 | 13.87 | 13.77 | 13.80 | | |
| 20 | QPSK | 1 | 99 | 13.64 | 13.64 | 13.75 | 13.62 | 13.70 | | |
| 20 | QPSK | 50 | 0 | 13.77 | 13.77 | 13.83 | 13.73 | 13.73 | 14.9 | 0 |
| 20 | QPSK | 50 | 24 | 13.66 | 13.73 | 13.79 | 13.66 | 13.70 | | |
| 20 | QPSK | 50 | 50 | 13.58 | 13.59 | 13.63 | 13.60 | 13.55 | | |
| 20 | QPSK | 100 | 0 | 13.75 | 13.76 | 13.86 | 13.75 | 13.82 | | |
| 20 | 16QAM | 1 | 0 | 13.84 | 13.84 | 13.89 | 13.84 | 13.76 | 14.9 | 0 |
| 20 | 16QAM | 1 | 49 | 13.57 | 13.59 | 13.71 | 13.67 | 13.64 | | |
| 20 | 16QAM | 1 | 99 | 13.68 | 13.62 | 13.73 | 13.58 | 13.66 | | |
| 20 | 16QAM | 50 | 0 | 13.60 | 13.63 | 13.70 | 13.59 | 13.57 | 14.9 | 0 |
| 20 | 16QAM | 50 | 24 | 13.57 | 13.57 | 13.62 | 13.58 | 13.53 | | |
| 20 | 16QAM | 50 | 50 | 13.54 | 13.52 | 13.60 | 13.50 | 13.47 | | |
| 20 | 16QAM | 100 | 0 | 13.67 | 13.69 | 13.81 | 13.71 | 13.71 | | |
| 20 | 64QAM | 1 | 0 | 13.64 | 13.66 | 13.74 | 13.70 | 13.68 | 14.9 | 0 |
| 20 | 64QAM | 1 | 49 | 13.63 | 13.68 | 13.73 | 13.67 | 13.69 | | |
| 20 | 64QAM | 1 | 99 | 13.67 | 13.61 | 13.72 | 13.59 | 13.64 | | |
| 20 | 64QAM | 50 | 0 | 13.67 | 13.67 | 13.80 | 13.65 | 13.75 | 14.9 | 0 |
| 20 | 64QAM | 50 | 24 | 13.61 | 13.62 | 13.74 | 13.64 | 13.67 | | |
| 20 | 64QAM | 50 | 50 | 13.48 | 13.53 | 13.58 | 13.50 | 13.54 | | |
| 20 | 64QAM | 100 | 0 | 13.72 | 13.73 | 13.85 | 13.77 | 13.74 | | |
| 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 | 13.72 | 13.71 | 13.80 | 13.80 | 13.74 | 14.90 | 0 |
| 15 | QPSK | 1 | 37 | 13.66 | 13.68 | 13.83 | 13.74 | 13.73 | | |
| 15 | QPSK | 1 | 74 | 13.57 | 13.49 | 13.64 | 13.52 | 13.65 | | |
| 15 | QPSK | 36 | 0 | 13.72 | 13.70 | 13.71 | 13.60 | 13.66 | 14.9 | 0 |
| 15 | QPSK | 36 | 20 | 13.55 | 13.60 | 13.65 | 13.61 | 13.56 | | |
| 15 | QPSK | 36 | 39 | 13.52 | 13.55 | 13.55 | 13.53 | 13.46 | | |
| 15 | QPSK | 75 | 0 | 13.71 | 13.64 | 13.78 | 13.65 | 13.70 | | |
| 15 | 16QAM | 1 | 0 | 13.75 | 13.73 | 13.77 | 13.78 | 13.70 | 14.9 | 0 |
| 15 | 16QAM | 1 | 37 | 13.52 | 13.47 | 13.66 | 13.56 | 13.54 | | |
| 15 | 16QAM | 1 | 74 | 13.54 | 13.47 | 13.61 | 13.46 | 13.61 | | |
| 15 | 16QAM | 36 | 0 | 13.52 | 13.59 | 13.56 | 13.45 | 13.47 | 14.9 | 0 |
| 15 | 16QAM | 36 | 20 | 13.48 | 13.51 | 13.52 | 13.54 | 13.41 | | |
| 15 | 16QAM | 36 | 39 | 13.40 | 13.37 | 13.45 | 13.45 | 13.41 | | |
| 15 | 16QAM | 75 | 0 | 13.62 | 13.61 | 13.68 | 13.66 | 13.59 | | |
| 15 | 64QAM | 1 | 0 | 13.54 | 13.55 | 13.61 | 13.58 | 13.62 | 14.9 | 0 |
| 15 | 64QAM | 1 | 37 | 13.55 | 13.54 | 13.65 | 13.53 | 13.65 | | |
| 15 | 64QAM | 1 | 74 | 13.54 | 13.52 | 13.60 | 13.55 | 13.54 | | |
| 15 | 64QAM | 36 | 0 | 13.52 | 13.62 | 13.72 | 13.56 | 13.62 | 14.9 | 0 |
| 15 | 64QAM | 36 | 20 | 13.56 | 13.53 | 13.71 | 13.60 | 13.56 | | |
| 15 | 64QAM | 36 | 39 | 13.39 | 13.46 | 13.46 | 13.43 | 13.42 | | |
| 15 | 64QAM | 75 | 0 | 13.59 | 13.59 | 13.75 | 13.66 | 13.61 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 13.77 | 13.73 | 13.83 | 13.74 | 13.83 | 14.90 | 0 |
| 10 | QPSK | 1 | 25 | 13.64 | 13.61 | 13.75 | 13.66 | 13.77 | | |
| 10 | QPSK | 1 | 49 | 13.56 | 13.61 | 13.66 | 13.51 | 13.57 | | |
| 10 | QPSK | 25 | 0 | 13.63 | 13.68 | 13.75 | 13.68 | 13.68 | 14.9 | 0 |
| 10 | QPSK | 25 | 12 | 13.56 | 13.67 | 13.65 | 13.51 | 13.57 | | |
| 10 | QPSK | 25 | 25 | 13.46 | 13.56 | 13.55 | 13.49 | 13.47 | | |
| 10 | QPSK | 50 | 0 | 13.66 | 13.71 | 13.79 | 13.61 | 13.70 | | |
| 10 | 16QAM | 1 | 0 | 13.70 | 13.71 | 13.86 | 13.71 | 13.66 | 14.9 | 0 |
| 10 | 16QAM | 1 | 25 | 13.45 | 13.50 | 13.67 | 13.59 | 13.54 | | |
| 10 | 16QAM | 1 | 49 | 13.64 | 13.59 | 13.61 | 13.54 | 13.61 | | |
| 10 | 16QAM | 25 | 0 | 13.45 | 13.57 | 13.60 | 13.47 | 13.53 | 14.9 | 0 |
| 10 | 16QAM | 25 | 12 | 13.49 | 13.50 | 13.48 | 13.46 | 13.43 | | |
| 10 | 16QAM | 25 | 25 | 13.43 | 13.43 | 13.49 | 13.39 | 13.37 | | |
| 10 | 16QAM | 50 | 0 | 13.60 | 13.65 | 13.74 | 13.63 | 13.64 | | |
| 10 | 64QAM | 1 | 0 | 13.53 | 13.58 | 13.71 | 13.61 | 13.57 | 14.9 | 0 |
| 10 | 64QAM | 1 | 25 | 13.53 | 13.61 | 13.61 | 13.57 | 13.56 | | |
| 10 | 64QAM | 1 | 49 | 13.54 | 13.54 | 13.59 | 13.51 | 13.61 | | |
| 10 | 64QAM | 25 | 0 | 13.63 | 13.59 | 13.71 | 13.55 | 13.70 | 14.9 | 0 |
| 10 | 64QAM | 25 | 12 | 13.55 | 13.57 | 13.61 | 13.61 | 13.57 | | |
| 10 | 64QAM | 25 | 25 | 13.34 | 13.40 | 13.54 | 13.38 | 13.43 | | |
| 10 | 64QAM | 50 | 0 | 13.60 | 13.68 | 13.77 | 13.72 | 13.67 | | |
| 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 | 13.74 | 13.73 | 13.86 | 13.78 | 13.76 | 14.90 | 0 |
| 5 | QPSK | 1 | 12 | 13.64 | 13.64 | 13.82 | 13.70 | 13.69 | | |
| 5 | QPSK | 1 | 24 | 13.61 | 13.51 | 13.68 | 13.48 | 13.59 | | |
| 5 | QPSK | 12 | 0 | 13.73 | 13.63 | 13.78 | 13.67 | 13.64 | 14.9 | 0 |
| 5 | QPSK | 12 | 7 | 13.51 | 13.59 | 13.68 | 13.62 | 13.58 | | |
| 5 | QPSK | 12 | 13 | 13.51 | 13.51 | 13.60 | 13.53 | 13.52 | | |
| 5 | QPSK | 25 | 0 | 13.70 | 13.73 | 13.75 | 13.63 | 13.73 | | |
| 5 | 16QAM | 1 | 0 | 13.81 | 13.72 | 13.78 | 13.72 | 13.71 | 14.9 | 0 |
| 5 | 16QAM | 1 | 12 | 13.51 | 13.50 | 13.67 | 13.64 | 13.60 | | |
| 5 | 16QAM | 1 | 24 | 13.58 | 13.55 | 13.63 | 13.53 | 13.59 | | |
| 5 | 16QAM | 12 | 0 | 13.54 | 13.57 | 13.60 | 13.52 | 13.54 | 14.9 | 0 |
| 5 | 16QAM | 12 | 7 | 13.48 | 13.44 | 13.48 | 13.48 | 13.45 | | |
| 5 | 16QAM | 12 | 13 | 13.41 | 13.49 | 13.55 | 13.39 | 13.44 | | |
| 5 | 16QAM | 25 | 0 | 13.53 | 13.63 | 13.68 | 13.64 | 13.60 | | |
| 5 | 64QAM | 1 | 0 | 13.57 | 13.59 | 13.59 | 13.58 | 13.63 | 14.9 | 0 |
| 5 | 64QAM | 1 | 12 | 13.49 | 13.53 | 13.68 | 13.59 | 13.55 | | |
| 5 | 64QAM | 1 | 24 | 13.58 | 13.48 | 13.69 | 13.55 | 13.60 | | |
| 5 | 64QAM | 12 | 0 | 13.62 | 13.57 | 13.74 | 13.55 | 13.72 | 14.9 | 0 |
| 5 | 64QAM | 12 | 7 | 13.51 | 13.50 | 13.68 | 13.59 | 13.61 | | |
| 5 | 64QAM | 12 | 13 | 13.37 | 13.47 | 13.50 | 13.41 | 13.49 | | |
| 5 | 64QAM | 25 | 0 | 13.60 | 13.65 | 13.70 | 13.69 | 13.60 | | |

# Uplink CA Power

Ant 1 DSI 1

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 21.95 | 23.10 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.06 | 23.10 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 21.90 | 23.10 |

Ant1 DSI 1

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.46 | 24.30 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.52 | 24.30 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.41 | 24.30 |

Ant 1 DSI 3

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 21.88 | 22.90 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 21.93 | 22.90 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 21.81 | 22.90 |

Ant1 DSI 3

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.68 | 23.50 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.71 | 23.50 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 22.64 | 23.50 |

Ant 1 DSI 13

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 18.69 | 19.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 18.67 | 19.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 18.55 | 19.70 |

Ant1 DSI 13

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.49 | 20.30 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.55 | 20.30 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.45 | 20.30 |

Ant 6 DSI 1

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 14.82 | 15.90 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 14.77 | 15.90 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 14.85 | 15.90 |

Ant6 DSI 1

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 16.96 | 18.10 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 17.08 | 18.10 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 16.97 | 18.10 |

Ant 6 DSI 3

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 17.92 | 19.10 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 17.68 | 19.10 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 17.95 | 19.10 |

Ant6 DSI 3

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.28 | 20.30 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.41 | 20.30 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.21 | 20.30 |

Ant 6 DSI 13

| CA_7c | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 11.53 | 12.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 11.58 | 12.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 11.56 | 12.70 |

Ant6 DSI 13

| CA_38C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.80 | 14.90 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.90 | 14.90 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 13.74 | 14.90 |

Ant1 DSI1

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.21 | 24.3 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.16 | 24.3 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.37 | 24.3 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 23.32 | 24.3 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 23.11 | 24.3 |

Ant1 DSI3

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.22 | 23.5 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.38 | 23.5 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.45 | 23.5 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 22.31 | 23.5 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 22.42 | 23.5 |

Ant1 DSI13

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.18 | 20.3 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.03 | 20.3 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.26 | 20.3 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.13 | 20.3 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 19.22 | 20.3 |

Ant6 DSI1

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 16.78 | 18.1 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 16.81 | 18.1 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 16.98 | 18.1 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 16.69 | 18.1 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 16.85 | 18.1 |

Ant6 DSI3

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.06 | 20.3 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.12 | 20.3 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.23 | 20.3 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 19.11 | 20.3 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 18.98 | 20.3 |

Ant6 DSI13

| CA_41C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.66 | 14.9 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.75 | 14.9 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.82 | 14.9 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 2 | 0 | 13.68 | 14.9 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 2 | 0 | 13.8 | 14.9 |

# Downlink CA Power

2CA DL

| CA List | PCC | | | | | | | | | SCC | | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band | BW Ant | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | With CA Tx. Power (dBm) | Without CA Tx. Power (dBm) |
| CA_2C | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 2 | 20M | 1979.8 | 1098 | | 23.70 | 23.82 |
| | Band 2 | Ant6 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 2 | 20M | 1979.8 | 1098 | | 23.17 | 23.18 |
| CA_5B | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 5 | 5M | 888.7 | 2597 | | 24.46 | 24.57 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 5 | 5M | 888.7 | 2597 | | 24.24 | 24.31 |
| CA_12B | Band 12 | Ant0 | 5M | 707.5 | 23095 | QPSK | 1 | 0 | | Band 12 | 5M | 712.3 | 5143 | | 24.74 | 24.76 |
| | Band 12 | Ant2 | 5M | 707.5 | 23095 | QPSK | 1 | 0 | | Band 12 | 5M | 712.3 | 5143 | | 24.32 | 24.45 |
| CA_38C | Band 38 | Ant1 | 15M | 2595 | 38000 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 15M | 2610 | 38150 | 4x4MIMO | 23.53 | 23.75 |
| | Band 38 | Ant6 | 15M | 2595 | 38000 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 15M | 2610 | 38150 | 4x4MIMO | 22.59 | 22.61 |
| CA_66C | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2174.8 | 67084 | 4x4MIMO | 24.05 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2174.8 | 67084 | 4x4MIMO | 23.26 | 23.28 |
| CA_4A-4A | Band 4 | Ant1 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 4 | 5M | 2152.5 | 2375 | | 23.88 | 23.95 |
| | Band 4 | Ant6 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 4 | 5M | 2152.5 | 2375 | | 23.11 | 23.25 |
| CA_7A-7A | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 23.42 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 22.39 | 22.49 |
| CA_2A-5A | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 5 | 10M | 881.5 | 2525 | | 23.66 | 23.82 |
| | Band 2 | Ant6 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 5 | 10M | 881.5 | 2525 | | 23.12 | 23.18 |
| | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 2 | 20M | 1960 | 900 | | 24.43 | 24.57 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 2 | 20M | 1960 | 900 | | 24.13 | 24.31 |
| CA_2A-12A | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 12 | 10M | 737.5 | 5095 | | 23.75 | 23.82 |
| | Band 2 | Ant6 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 12 | 10M | 737.5 | 5095 | | 23.02 | 23.18 |
| | Band 12 | Ant0 | 10M | 707.5 | 23095 | QPSK | 1 | 0 | | Band 2 | 20M | 1960 | 900 | | 24.64 | 24.76 |
| | Band 12 | Ant2 | 10M | 707.5 | 23095 | QPSK | 1 | 0 | | Band 2 | 20M | 1960 | 900 | | 24.28 | 24.45 |
| CA_2A-66A | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 23.66 | 23.82 |
| | Band 2 | Ant6 | 10M | 1880 | 18900 | QPSK | 1 | 0 | | Band 66 | 10M | 2155 | 66886 | 4x4MIMO | 23.05 | 23.18 |
| | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 24.01 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 23.17 | 23.28 |
| CA_4A-5A | Band 4 | Ant1 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 5 | 10M | 881.5 | 2525 | | 23.88 | 23.95 |
| | Band 4 | Ant6 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 5 | 10M | 881.5 | 2525 | | 23.20 | 23.25 |
| | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 4 | 20M | 2132.5 | 2175 | | 24.53 | 24.57 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 4 | 20M | 2132.5 | 2175 | | 24.12 | 24.31 |
| CA_4A-12A | Band 4 | Ant1 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 12 | 10M | 737.5 | 5095 | | 23.88 | 23.95 |
| | Band 4 | Ant6 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 12 | 10M | 737.5 | 5095 | | 23.11 | 23.25 |
| CA_4A-17A | Band 4 | Ant1 | 10M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 17 | 10M | 740 | 5790 | | 23.87 | 23.95 |
| | Band 4 | Ant6 | 10M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 17 | 10M | 740 | 5790 | | 23.12 | 23.25 |
| CA_5A-38A | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 38 | 20M | 2595 | 38000 | 4x4MIMO | 24.42 | 24.57 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 38 | 20M | 2595 | 38000 | 4x4MIMO | 24.20 | 24.31 |
| CA_5A-41A | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4MIMO | 24.39 | 24.57 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4MIMO | 24.25 | 24.31 |
| CA_7A-26A | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 26 | 15M | 876.5 | 8865 | | 23.52 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 26 | 15M | 876.5 | 8865 | | 22.36 | 22.49 |
| | Band 26 | Ant0 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.56 | 24.61 |
| | Band 26 | Ant2 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.27 | 24.38 |

## 3CA DL

| 3CA List | PCC | | | | | | | | | SCC1 | | | | | SCC2 | | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band | BW Ant | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | With CA Tx. Power (dBm) | Without CA Tx. Power (dBm) |
| CA_5A_7A_7A | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 24.31 | 24.49 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 24.29 | 24.31 |
| | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 23.44 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 22.38 | 22.49 |
| CA_2A_7A_7A | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 23.76 | 23.82 |
| | Band 2 | Ant6 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | 23.10 | 23.18 |
| | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 23.47 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 22.38 | 22.49 |
| CA_41D | Band 41 | Ant1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 23.74 | 23.83 |
| | Band 41 | Ant6 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 22.51 | 22.63 |
| CA_41A_41A_41A | Band 41 | Ant1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4MIMO | Band 41 | 20M | 2506 | 39750 | 4x4MIMO | 23.65 | 23.83 |
| | Band 41 | Ant6 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4MIMO | Band 41 | 20M | 2506 | 39750 | 4x4MIMO | 22.49 | 22.63 |
| CA_12A-66A-66A | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 12 | 10M | 737.5 | 5095 | | 24.01 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 12 | 10M | 737.5 | 5095 | | 23.22 | 23.28 |

## 4CA DL

| Configure | PCC | | | | | | | | | SCC1 | | | | | SCC2 | | | | | SCC3 | | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LTE Band | BW Ant | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | DL Antenna Configuration | With CA Tx. Power (dBm) | Without CA Tx. Power (dBm) |
| CA_7C_66A_66A | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | 23.48 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | 22.35 | 22.49 |
| | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 23.98 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 23.21 | 23.28 |
| CA_2A-4A-7C | Band 2 | Ant1 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 4 | 20M | 2132.5 | 2175 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 23.67 | 23.82 |
| | Band 2 | Ant6 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 4 | 20M | 2132.5 | 2175 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 23.13 | 23.18 |
| | Band 4 | Ant1 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1880 | 900 | | 23.88 | 23.95 |
| | Band 4 | Ant6 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1880 | 900 | | 23.12 | 23.25 |
| | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1880 | 900 | | Band 4 | 20M | 2132.5 | 2175 | | 23.51 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1880 | 900 | | Band 4 | 20M | 2132.5 | 2175 | | 22.34 | 22.49 |
| CA_5A_7A_66A_66A | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.38 | 24.49 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.25 | 24.31 |
| | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.08 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 23.08 | 23.28 |
| | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | 23.53 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4MIMO | 22.42 | 22.49 |
| CA_5A_7C_66A | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 24.48 | 24.49 |
| | Band 5 | Ant2 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 24.21 | 24.31 |
| | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 24.05 | 24.08 |
| | Band 66 | Ant6 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | 23.09 | 23.28 |
| | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 23.41 | 23.59 |
| | Band 7 | Ant6 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2674.8 | 3298 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 22.32 | 22.49 |

## Full Power level/Default Power level/ Pmax Power Level for 5GNR

### n5 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.06 | 24.19 | 24.13 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.03 | 24.13 | 24.05 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.13 | 24.24 | 24.12 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.03 | 24.16 | 24.02 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 24.22 | 24.17 | 24.30 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.26 | 24.28 | 24.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 24.05 | 24.13 | 24.02 | | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.37 | 24.23 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.03 | 24.18 | 24.10 | | |
| 20 | QPSK | 1 | 104 | 24.12 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 24.01 | 24.15 | 24.09 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 24.28 | 24.32 | 24.19 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.06 | 24.11 | 24.05 | 25.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 24.13 | 24.30 | 24.23 | | |
| 20 | 16QAM | 1 | 1 | 24.10 | 24.18 | 24.06 | 25.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 24.10 | 24.22 | 24.08 | 25.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.82 | 21.82 | 21.82 | 23.2 | 2.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 24.26 | 24.30 | 24.20 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 24.21 | 24.28 | 24.10 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 24.29 | 24.31 | 24.20 | 25.7 | 0.0 |

## n7 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.78 | 23.92 | 23.86 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.95 | 24.00 | 23.98 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.92 | 24.03 | 23.97 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.94 | 24.06 | 23.93 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.92 | 24.02 | 23.92 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.06 | 24.09 | 23.96 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.83 | 23.93 | 23.84 | | |
| 20 | QPSK | 1 | 1 | 24.01 | 24.12 | 23.84 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.98 | 24.10 | 24.03 | | |
| 20 | QPSK | 1 | 104 | 23.85 | 23.97 | 23.85 | | |
| 20 | QPSK | 50 | 0 | 23.97 | 24.05 | 24.02 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.78 | 23.81 | 23.72 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.75 | 23.70 | 23.73 | 25.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.64 | 23.77 | 23.60 | | |
| 20 | 16QAM | 1 | 1 | 23.72 | 23.79 | 23.64 | 25.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.76 | 23.72 | 23.76 | 25.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.36 | 21.41 | 21.34 | 23.0 | 2.5 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 23.86 | 24.03 | 23.73 | 25.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 23.84 | 23.96 | 23.70 | 25.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 23.94 | 24.00 | 23.81 | 25.5 | 0.0 |

## n66 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.86 | 23.72 | 23.89 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.67 | 23.68 | 23.76 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.72 | 23.75 | 23.69 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.71 | 23.74 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.70 | 23.65 | 23.63 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.69 | 23.73 | 23.66 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.64 | 23.71 | 23.84 | | |
| 20 | QPSK | 1 | 1 | 24.05 | 24.08 | 23.96 | 25.6 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.65 | 23.71 | 23.85 | | |
| 20 | QPSK | 1 | 104 | 23.65 | 23.66 | 23.85 | | |
| 20 | QPSK | 50 | 0 | 23.68 | 23.72 | 23.70 | 25.6 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.91 | 24.04 | 23.96 | 25.6 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.61 | 23.77 | 23.88 | 25.6 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.92 | 24.01 | 23.99 | | |
| 20 | 16QAM | 1 | 1 | 23.86 | 23.89 | 23.76 | 25.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.63 | 23.70 | 23.78 | 25.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.62 | 21.67 | 21.54 | 23.1 | 2.5 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 23.89 | 24.05 | 23.90 | 25.6 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 23.90 | 23.92 | 23.86 | 25.6 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 23.91 | 24.01 | 23.84 | 25.6 | 0.0 |

## n38 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.12 | 21.26 | 21.20 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 21.16 | 21.20 | 21.14 | | |
| 20 | PI/2 BPSK | 1 | 49 | 21.24 | 21.35 | 21.19 | | |
| 20 | PI/2 BPSK | 25 | 0 | 21.23 | 21.25 | 21.19 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 21.14 | 21.22 | 21.18 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 21.12 | 21.28 | 21.22 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 21.21 | 21.23 | 21.19 | | |
| 20 | QPSK | 1 | 1 | 21.13 | 21.37 | 21.23 | 22.8 | 0.0 |
| 20 | QPSK | 1 | 26 | 21.06 | 21.21 | 21.16 | | |
| 20 | QPSK | 1 | 49 | 21.16 | 21.27 | 21.15 | | |
| 20 | QPSK | 25 | 0 | 21.08 | 21.19 | 21.11 | 22.8 | 0.0 |
| 20 | QPSK | 25 | 13 | 21.28 | 21.31 | 21.17 | 22.8 | 0.0 |
| 20 | QPSK | 25 | 26 | 21.05 | 21.17 | 21.10 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 0 | 21.08 | 21.16 | 21.12 | | |
| 20 | 16QAM | 1 | 1 | 21.02 | 21.06 | 21.03 | 22.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.81 | 20.93 | 20.84 | 22.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.88 | 18.86 | 18.94 | 20.3 | 2.5 |

## PC3 n41 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.11 | 21.22 | 21.17 | 22.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.13 | 21.27 | 21.22 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.10 | 21.17 | 21.13 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.15 | 21.29 | 21.14 | 22.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.08 | 21.24 | 21.16 | 22.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.07 | 21.22 | 21.10 | 22.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.20 | 21.26 | 21.21 | | |
| 100 | QPSK | 1 | 1 | 21.43 | 21.58 | 21.52 | 22.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.38 | 21.45 | 21.33 | | |
| 100 | QPSK | 1 | 271 | 21.33 | 21.37 | 21.33 | | |
| 100 | QPSK | 135 | 0 | 21.10 | 21.27 | 21.12 | 22.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.26 | 21.32 | 21.19 | 22.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.10 | 21.22 | 21.19 | 22.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.12 | 21.27 | 21.18 | | |
| 100 | 16QAM | 1 | 1 | 21.14 | 21.21 | 21.12 | 22.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.05 | 21.12 | 21.05 | 22.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.12 | 21.19 | 21.08 | 22.8 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 21.38 | 21.46 | 21.40 | 22.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 21.26 | 21.41 | 21.49 | 22.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 21.28 | 21.43 | 21.40 | 22.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 21.33 | 21.42 | 21.45 | 22.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 21.33 | 21.45 | 21.45 | 22.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 21.28 | 21.33 | 21.40 | 22.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 21.29 | 21.41 | 21.41 | 22.8 | 0.0 |

## PC2 n41 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.21 | 23.32 | 23.19 | 24.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.03 | 23.11 | 23.02 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.19 | 23.27 | 23.20 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.01 | 23.16 | 23.07 | 24.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.14 | 23.27 | 23.19 | 24.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.15 | 23.21 | 23.16 | 24.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 22.93 | 23.06 | 22.99 | | |
| 100 | QPSK | 1 | 1 | 23.32 | 23.40 | 23.27 | 24.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.04 | 23.09 | 23.01 | | |
| 100 | QPSK | 1 | 271 | 22.99 | 23.12 | 22.98 | | |
| 100 | QPSK | 135 | 0 | 22.96 | 23.08 | 22.94 | 24.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.20 | 23.25 | 23.16 | 24.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.16 | 23.22 | 23.14 | 24.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 23.04 | 23.19 | 23.07 | | |
| 100 | 16QAM | 1 | 1 | 23.18 | 23.32 | 23.20 | 24.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 23.15 | 23.27 | 23.21 | 24.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.37 | 21.43 | 21.28 | 22.8 | 2.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 23.23 | 23.26 | 23.19 | 24.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 23.18 | 23.29 | 23.15 | 24.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 23.25 | 23.26 | 23.12 | 24.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 23.23 | 23.31 | 23.20 | 24.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 23.18 | 23.26 | 23.12 | 24.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 23.22 | 23.30 | 23.34 | 24.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 23.21 | 23.25 | 23.20 | 24.8 | 0.0 |

## n5 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.81 | 23.98 | 23.94 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.94 | 24.02 | 23.98 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.90 | 23.76 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.00 | 24.07 | 24.00 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 24.02 | 23.86 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.92 | 23.94 | 23.88 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.90 | 24.05 | 24.03 | | |
| 20 | QPSK | 1 | 1 | 24.04 | 24.12 | 23.99 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.85 | 23.98 | 23.90 | | |
| 20 | QPSK | 1 | 104 | 23.72 | 23.80 | 23.83 | | |
| 20 | QPSK | 50 | 0 | 23.76 | 23.72 | 23.75 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 24.02 | 24.08 | 24.05 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.89 | 23.98 | 23.83 | 25.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.74 | 23.78 | 23.74 | | |
| 20 | 16QAM | 1 | 1 | 23.74 | 23.92 | 23.83 | 25.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 24.00 | 24.08 | 23.98 | 25.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.34 | 21.46 | 21.36 | 23.2 | 2.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 23.86 | 24.03 | 23.93 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 23.93 | 24.00 | 23.90 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 23.93 | 23.98 | 23.84 | 25.7 | 0.0 |

## n7 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.69 | 23.71 | 23.55 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.63 | 23.77 | 23.63 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.57 | 23.65 | 23.62 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.59 | 23.67 | 23.53 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.61 | 23.74 | 23.59 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.65 | 23.80 | 23.78 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.60 | 23.62 | 23.59 | | |
| 20 | QPSK | 1 | 1 | 23.77 | 23.82 | 23.71 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.57 | 23.69 | 23.66 | | |
| 20 | QPSK | 1 | 104 | 23.61 | 23.75 | 23.67 | | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.78 | 23.68 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.75 | 23.60 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.64 | 23.60 | 23.54 | 25.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.66 | 23.71 | 23.63 | | |
| 20 | 16QAM | 1 | 1 | 23.58 | 23.64 | 23.61 | 25.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.54 | 23.63 | 23.61 | 25.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.13 | 21.24 | 21.13 | 23.0 | 2.5 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 23.65 | 23.66 | 23.59 | 25.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 23.66 | 23.76 | 23.53 | 25.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 23.65 | 23.65 | 23.59 | 25.5 | 0.0 |

## n38 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.67 | 23.79 | 23.74 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 23.72 | 23.84 | 23.81 | | |
| 20 | PI/2 BPSK | 1 | 49 | 23.96 | 23.99 | 23.88 | | |
| 20 | PI/2 BPSK | 25 | 0 | 23.65 | 23.78 | 23.62 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 23.70 | 23.85 | 23.73 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 23.86 | 23.92 | 23.84 | 25.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 23.72 | 23.89 | 23.80 | | |
| 20 | QPSK | 1 | 1 | 23.94 | 24.03 | 23.89 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 26 | 23.60 | 23.71 | 23.54 | | |
| 20 | QPSK | 1 | 49 | 23.84 | 23.93 | 23.83 | | |
| 20 | QPSK | 25 | 0 | 23.80 | 23.87 | 23.80 | 25.5 | 0.0 |
| 20 | QPSK | 25 | 13 | 23.85 | 23.89 | 23.74 | 25.5 | 0.0 |
| 20 | QPSK | 25 | 26 | 23.69 | 23.80 | 23.63 | 25.5 | 0.0 |
| 20 | QPSK | 50 | 0 | 23.78 | 23.92 | 23.86 | | |
| 20 | 16QAM | 1 | 1 | 23.82 | 23.87 | 23.70 | 25.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.57 | 23.74 | 23.64 | 25.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.68 | 21.71 | 21.69 | 23.0 | 2.5 |

## PC3 n41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.90 | 23.87 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.92 | 24.05 | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.90 | 23.98 | 23.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.99 | 24.02 | 23.99 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.01 | 24.03 | 23.98 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.89 | 24.04 | 23.87 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.93 | 24.01 | 23.92 | | |
| 100 | QPSK | 1 | 1 | 23.98 | 24.12 | 24.00 | 25.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.84 | 23.99 | 23.89 | | |
| 100 | QPSK | 1 | 271 | 23.86 | 23.90 | 23.76 | | |
| 100 | QPSK | 135 | 0 | 23.93 | 24.04 | 23.92 | 25.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 24.05 | 24.08 | 23.97 | 25.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.66 | 23.82 | 23.64 | 25.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 23.71 | 23.84 | 23.69 | | |
| 100 | 16QAM | 1 | 1 | 23.85 | 24.01 | 23.94 | 25.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 23.78 | 23.87 | 23.85 | 25.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 23.76 | 23.91 | 23.87 | 25.5 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 23.87 | 23.97 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 23.93 | 24.10 | 23.87 | 25.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 23.95 | 24.00 | 23.82 | 25.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 23.94 | 24.02 | 23.84 | 25.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 23.85 | 23.98 | 23.90 | 25.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 23.80 | 23.82 | 23.90 | 25.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 23.91 | 24.02 | 23.98 | 25.5 | 0.0 |

## PC2 n41 Ant5 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.88 | 26.01 | 25.89 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 25.88 | 25.97 | 25.81 | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.81 | 25.96 | 25.82 | | |
| 100 | PI/2 BPSK | 135 | 0 | 25.92 | 26.01 | 25.93 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.86 | 26.02 | 25.93 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 25.78 | 25.93 | 25.79 | 27.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 25.81 | 25.95 | 25.85 | | |
| 100 | QPSK | 1 | 1 | 25.90 | 26.06 | 25.97 | 27.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 25.81 | 25.93 | 25.83 | | |
| 100 | QPSK | 1 | 271 | 25.82 | 25.95 | 25.81 | | |
| 100 | QPSK | 135 | 0 | 25.69 | 25.86 | 25.75 | 27.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 25.88 | 26.01 | 25.88 | 27.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 25.83 | 25.95 | 25.87 | 27.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 25.59 | 25.72 | 25.64 | | |
| 100 | 16QAM | 1 | 1 | 25.63 | 25.79 | 25.64 | 27.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 24.65 | 24.79 | 24.71 | 26.5 | 1.0 |
| 100 | 256QAM | 1 | 1 | 23.76 | 23.89 | 23.82 | 25.5 | 2.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 25.70 | 25.79 | 25.70 | 27.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 25.74 | 25.84 | 25.78 | 27.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 25.74 | 25.83 | 25.75 | 27.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 25.69 | 25.82 | 25.71 | 27.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 25.73 | 25.83 | 25.76 | 27.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 25.77 | 25.90 | 25.88 | 27.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 25.70 | 25.88 | 25.71 | 27.5 | 0.0 |

## n7 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.69 | 23.73 | 23.61 | 24.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.77 | 23.87 | 23.73 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.75 | 23.91 | 23.75 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.27 | 23.41 | 23.24 | 24.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.75 | 23.87 | 23.70 | 24.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.39 | 23.45 | 23.32 | 24.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.30 | 23.40 | 23.27 | | |
| 20 | QPSK | 1 | 1 | 23.79 | 23.97 | 23.92 | 24.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.56 | 23.70 | 23.64 | | |
| 20 | QPSK | 1 | 104 | 23.61 | 23.77 | 23.68 | | |
| 20 | QPSK | 50 | 0 | 23.33 | 23.39 | 23.35 | 24.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.78 | 23.93 | 23.89 | 24.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.37 | 23.42 | 23.32 | 24.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.30 | 23.48 | 23.40 | | |
| 20 | 16QAM | 1 | 1 | 23.63 | 23.78 | 23.64 | 24.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.33 | 23.47 | 23.31 | 24.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.25 | 20.36 | 20.21 | 22.0 | 2.5 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 23.63 | 23.88 | 23.80 | 24.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 23.70 | 23.86 | 23.87 | 24.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 23.74 | 23.79 | 23.81 | 24.5 | 0.0 |

## n66 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.78 | 23.84 | 23.70 | 24.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.91 | 24.08 | 23.94 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 24.11 | 23.94 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.86 | 23.94 | 23.81 | 24.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.87 | 23.99 | 23.94 | 24.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.03 | 24.07 | 23.94 | 24.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.90 | 23.92 | 23.80 | | |
| 20 | QPSK | 1 | 1 | 23.99 | 24.14 | 23.98 | 24.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.98 | 24.07 | 23.94 | | |
| 20 | QPSK | 1 | 104 | 23.97 | 24.02 | 23.93 | | |
| 20 | QPSK | 50 | 0 | 23.86 | 23.96 | 23.81 | 24.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.91 | 24.09 | 24.04 | 24.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.80 | 23.97 | 23.93 | 24.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.98 | 24.02 | 23.86 | | |
| 20 | 16QAM | 1 | 1 | 23.98 | 24.03 | 23.87 | 24.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.83 | 23.97 | 23.83 | 24.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.23 | 21.26 | 21.18 | 22.4 | 2.5 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 23.89 | 24.04 | 23.96 | 24.9 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 23.91 | 24.01 | 23.93 | 24.9 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 23.88 | 23.99 | 23.83 | 24.9 | 0.0 |

## n38 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.27 | 20.30 | 20.22 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 20.16 | 20.22 | 20.17 | | |
| 20 | PI/2 BPSK | 1 | 49 | 20.32 | 20.45 | 20.33 | | |
| 20 | PI/2 BPSK | 25 | 0 | 20.09 | 20.15 | 20.05 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 20.12 | 20.27 | 20.15 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 20.17 | 20.25 | 20.20 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 20.17 | 20.31 | 20.21 | | |
| 20 | QPSK | 1 | 1 | 20.41 | 20.48 | 20.43 | 22.0 | 0.0 |
| 20 | QPSK | 1 | 26 | 20.20 | 20.23 | 20.13 | | |
| 20 | QPSK | 1 | 49 | 20.22 | 20.36 | 20.25 | | |
| 20 | QPSK | 25 | 0 | 20.21 | 20.34 | 20.28 | 22.0 | 0.0 |
| 20 | QPSK | 25 | 13 | 20.28 | 20.41 | 20.30 | 22.0 | 0.0 |
| 20 | QPSK | 25 | 26 | 20.13 | 20.23 | 20.16 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 0 | 20.19 | 20.33 | 20.23 | | |
| 20 | 16QAM | 1 | 1 | 20.10 | 20.17 | 20.11 | 22.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.13 | 20.25 | 20.18 | 22.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.26 | 18.24 | 18.14 | 19.5 | 2.5 |

## PC3 n41 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.22 | 20.36 | 20.32 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.35 | 20.44 | 20.33 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.14 | 20.28 | 20.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.42 | 20.45 | 20.30 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.34 | 20.49 | 20.34 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.16 | 20.34 | 20.29 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.29 | 20.37 | 20.20 | | |
| 100 | QPSK | 1 | 1 | 20.46 | 20.51 | 20.43 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.43 | 20.45 | 20.35 | | |
| 100 | QPSK | 1 | 271 | 20.15 | 20.26 | 20.18 | | |
| 100 | QPSK | 135 | 0 | 20.35 | 20.39 | 20.24 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.26 | 20.41 | 20.27 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.29 | 20.38 | 20.32 | 22.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.37 | 20.39 | 20.35 | | |
| 100 | 16QAM | 1 | 1 | 20.22 | 20.30 | 20.23 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.24 | 20.41 | 20.25 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.33 | 20.38 | 20.25 | 22.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 20.37 | 20.47 | 20.31 | 22.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 20.30 | 20.40 | 20.36 | 22.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 20.38 | 20.42 | 20.27 | 22.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 20.33 | 20.49 | 20.37 | 22.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 20.34 | 20.46 | 20.37 | 22.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 20.55 | 20.46 | 20.33 | 22.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 20.43 | 20.45 | 20.41 | 22.0 | 0.0 |

## PC2 n41 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.27 | 22.39 | 22.24 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.23 | 22.36 | 22.22 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.20 | 22.27 | 22.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.29 | 22.41 | 22.31 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 22.36 | 22.43 | 22.28 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.29 | 22.44 | 22.37 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 22.31 | 22.45 | 22.35 | | |
| 100 | QPSK | 1 | 1 | 22.45 | 22.53 | 22.44 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.23 | 22.37 | 22.27 | | |
| 100 | QPSK | 1 | 271 | 22.13 | 22.29 | 22.17 | | |
| 100 | QPSK | 135 | 0 | 22.31 | 22.42 | 22.35 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.35 | 22.43 | 22.30 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.24 | 22.36 | 22.20 | 24.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.16 | 22.33 | 22.17 | | |
| 100 | 16QAM | 1 | 1 | 22.26 | 22.41 | 22.27 | 24.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 22.15 | 22.29 | 22.15 | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.42 | 20.56 | 20.41 | 22.0 | 2.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 22.17 | 22.22 | 22.17 | 24.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 22.17 | 22.31 | 22.21 | 24.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 22.21 | 22.28 | 22.20 | 24.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 22.15 | 22.30 | 22.18 | 24.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 22.17 | 22.26 | 22.17 | 24.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 22.20 | 22.39 | 22.22 | 24.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 22.18 | 22.29 | 22.15 | 24.0 | 0.0 |

## n38 Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.69 | 21.83 | 21.76 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 21.60 | 21.68 | 21.62 | | |
| 20 | PI/2 BPSK | 1 | 49 | 21.81 | 21.93 | 21.80 | | |
| 20 | PI/2 BPSK | 25 | 0 | 21.44 | 21.59 | 21.46 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 21.66 | 21.70 | 21.64 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 21.75 | 21.79 | 21.64 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 21.64 | 21.69 | 21.58 | | |
| 20 | QPSK | 1 | 1 | 21.87 | 21.97 | 21.88 | 23.3 | 0.0 |
| 20 | QPSK | 1 | 26 | 21.50 | 21.66 | 21.51 | | |
| 20 | QPSK | 1 | 49 | 21.57 | 21.71 | 21.52 | | |
| 20 | QPSK | 25 | 0 | 21.43 | 21.57 | 21.54 | 23.3 | 0.0 |
| 20 | QPSK | 25 | 13 | 21.56 | 21.77 | 21.56 | 23.3 | 0.0 |
| 20 | QPSK | 25 | 26 | 21.63 | 21.70 | 21.73 | 23.3 | 0.0 |
| 20 | QPSK | 50 | 0 | 21.63 | 21.66 | 21.51 | | |
| 20 | 16QAM | 1 | 1 | 21.57 | 21.59 | 21.48 | 23.3 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.63 | 21.68 | 21.58 | 23.3 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.81 | 19.86 | 19.77 | 20.8 | 2.5 |

## PC3 n41 Ant6 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.76 | 21.85 | 21.81 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.85 | 21.92 | 21.84 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.74 | 21.82 | 21.73 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.87 | 21.89 | 21.81 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.85 | 21.93 | 21.87 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.79 | 21.86 | 21.72 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.68 | 21.84 | 21.82 | | |
| 100 | QPSK | 1 | 1 | 21.94 | 22.11 | 21.98 | 23.3 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.90 | 21.97 | 21.87 | | |
| 100 | QPSK | 1 | 271 | 21.81 | 21.85 | 21.74 | | |
| 100 | QPSK | 135 | 0 | 21.68 | 21.84 | 21.74 | 23.3 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.81 | 21.92 | 21.75 | 23.3 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.74 | 21.81 | 21.71 | 23.3 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.79 | 21.89 | 21.87 | | |
| 100 | 16QAM | 1 | 1 | 21.62 | 21.77 | 21.75 | 23.3 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.66 | 21.84 | 21.74 | 23.3 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.94 | 22.03 | 21.99 | 23.3 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 21.89 | 22.07 | 21.90 | 23.3 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 21.86 | 22.01 | 21.90 | 23.3 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 21.82 | 21.97 | 21.91 | 23.3 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 21.91 | 21.93 | 21.81 | 23.3 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 21.84 | 22.09 | 21.89 | 23.3 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 21.90 | 22.00 | 22.03 | 23.3 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 21.86 | 21.95 | 21.90 | 23.3 | 0.0 |

## PC2 n41 Ant9 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.59 | 23.72 | 23.62 | 25.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.66 | 23.74 | 23.60 | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.60 | 23.66 | 23.56 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.60 | 23.72 | 23.64 | 25.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.68 | 23.76 | 23.65 | 25.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.57 | 23.67 | 23.55 | 25.2 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.61 | 23.63 | 23.56 | | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.85 | 23.73 | 25.2 | 0.0 |
| 100 | QPSK | 1 | 137 | 23.73 | 23.80 | 23.73 | | |
| 100 | QPSK | 1 | 271 | 23.53 | 23.63 | 23.53 | | |
| 100 | QPSK | 135 | 0 | 23.69 | 23.75 | 23.64 | 25.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 23.65 | 23.71 | 23.62 | 25.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.60 | 23.68 | 23.59 | 25.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 23.59 | 23.67 | 23.59 | | |
| 100 | 16QAM | 1 | 1 | 23.58 | 23.64 | 23.51 | 25.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 23.51 | 23.53 | 23.52 | 25.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.75 | 21.85 | 21.80 | 23.2 | 2.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 23.57 | 23.66 | 23.56 | 25.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 23.58 | 23.66 | 23.59 | 25.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 23.61 | 23.70 | 23.59 | 25.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 23.59 | 23.71 | 23.56 | 25.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 23.60 | 23.65 | 23.59 | 25.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 23.62 | 23.70 | 23.61 | 25.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 23.59 | 23.69 | 23.53 | 25.2 | 0.0 |

## Reduced Power level for DSI 1

| n5 Ant0 DSI1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.06 | 24.19 | 24.13 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.03 | 24.13 | 24.05 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.13 | 24.24 | 24.12 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.03 | 24.16 | 24.02 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 24.22 | 24.17 | 24.30 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.26 | 24.28 | 24.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 24.05 | 24.13 | 24.02 | | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.37 | 24.23 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.03 | 24.18 | 24.10 | | |
| 20 | QPSK | 1 | 104 | 24.12 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 24.01 | 24.15 | 24.09 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 24.28 | 24.32 | 24.19 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.06 | 24.11 | 24.05 | 25.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 24.13 | 24.30 | 24.23 | | |
| 20 | 16QAM | 1 | 1 | 24.10 | 24.18 | 24.06 | 25.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 24.10 | 24.22 | 24.08 | 25.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.82 | 21.82 | 21.82 | 23.2 | 2.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 24.26 | 24.30 | 24.20 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 24.21 | 24.28 | 24.10 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 24.29 | 24.31 | 24.20 | 25.7 | 0.0 |

## n7 Ant1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.53 | 20.47 | 20.55 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.51 | 20.69 | 20.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.55 | 20.66 | 20.56 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.42 | 20.55 | 20.62 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.64 | 20.54 | 20.51 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.39 | 20.55 | 20.64 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.44 | 20.60 | 20.50 | | |
| 20 | QPSK | 1 | 1 | 20.68 | 20.71 | 20.52 | 21.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.55 | 20.51 | 20.50 | | |
| 20 | QPSK | 1 | 104 | 20.56 | 20.47 | 20.69 | | |
| 20 | QPSK | 50 | 0 | 20.29 | 20.59 | 20.57 | 21.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.58 | 20.67 | 20.66 | 21.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.40 | 20.54 | 20.57 | 21.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.60 | 20.66 | 20.62 | | |
| 20 | 16QAM | 1 | 1 | 20.45 | 20.52 | 20.68 | 21.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.48 | 20.36 | 20.60 | 21.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.43 | 20.50 | 20.58 | 21.9 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 20.46 | 20.56 | 20.43 | 21.9 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 20.39 | 20.52 | 20.46 | 21.9 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 20.41 | 20.57 | 20.35 | 21.9 | 0.0 |

## n66 Ant1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.86 | 23.72 | 23.89 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.67 | 23.68 | 23.76 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.72 | 23.75 | 23.69 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.71 | 23.74 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.70 | 23.65 | 23.63 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.69 | 23.73 | 23.66 | 25.6 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.64 | 23.71 | 23.84 | | |
| 20 | QPSK | 1 | 1 | 24.05 | 24.08 | 23.96 | 25.6 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.65 | 23.71 | 23.85 | | |
| 20 | QPSK | 1 | 104 | 23.65 | 23.66 | 23.85 | | |
| 20 | QPSK | 50 | 0 | 23.68 | 23.72 | 23.70 | 25.6 | 0.0 |
| 20 | QPSK | 50 | 28 | 23.91 | 24.04 | 23.96 | 25.6 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.61 | 23.77 | 23.88 | 25.6 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.92 | 24.01 | 23.99 | | |
| 20 | 16QAM | 1 | 1 | 23.86 | 23.89 | 23.76 | 25.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 23.63 | 23.70 | 23.78 | 25.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.62 | 21.67 | 21.54 | 23.1 | 2.5 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 23.89 | 24.05 | 23.90 | 25.6 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 23.90 | 23.92 | 23.86 | 25.6 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 23.91 | 24.01 | 23.84 | 25.6 | 0.0 |

## n38 Ant1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.15 | 19.89 | 20.01 | 21.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 19.95 | 20.13 | 20.11 | | |
| 20 | PI/2 BPSK | 1 | 49 | 19.92 | 19.92 | 19.91 | | |
| 20 | PI/2 BPSK | 25 | 0 | 19.68 | 19.95 | 19.90 | 21.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 19.90 | 19.99 | 20.04 | 21.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 19.74 | 19.95 | 19.99 | 21.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 19.89 | 20.02 | 20.07 | | |
| 20 | QPSK | 1 | 1 | 19.99 | 20.20 | 19.96 | 21.4 | 0.0 |
| 20 | QPSK | 1 | 26 | 20.05 | 19.98 | 19.93 | | |
| 20 | QPSK | 1 | 49 | 19.77 | 19.92 | 19.97 | | |
| 20 | QPSK | 25 | 0 | 19.71 | 19.99 | 20.09 | 21.4 | 0.0 |
| 20 | QPSK | 25 | 13 | 19.91 | 20.19 | 19.96 | 21.4 | 0.0 |
| 20 | QPSK | 25 | 26 | 19.93 | 19.88 | 19.78 | 21.4 | 0.0 |
| 20 | QPSK | 50 | 0 | 19.96 | 20.06 | 19.92 | | |
| 20 | 16QAM | 1 | 1 | 19.98 | 19.99 | 20.11 | 21.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.08 | 19.86 | 20.00 | 21.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.57 | 19.58 | 19.67 | 21.4 | 0.0 |

## PC2&3 n41 Ant1 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.44 | 19.55 | 19.47 | 21.4 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.46 | 19.58 | 19.43 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.48 | 19.45 | 19.45 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.54 | 19.69 | 19.54 | 21.4 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.52 | 19.68 | 19.56 | 21.4 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.49 | 19.61 | 19.49 | 21.4 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.44 | 19.59 | 19.46 | | |
| 100 | QPSK | 1 | 1 | 19.69 | 19.82 | 19.65 | 21.4 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.48 | 19.67 | 19.56 | | |
| 100 | QPSK | 1 | 271 | 19.46 | 19.49 | 19.43 | | |
| 100 | QPSK | 135 | 0 | 19.50 | 19.62 | 19.47 | 21.4 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.50 | 19.69 | 19.55 | 21.4 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.49 | 19.62 | 19.51 | 21.4 | 0.0 |
| 100 | QPSK | 270 | 0 | 19.48 | 19.65 | 19.52 | | |
| 100 | 16QAM | 1 | 1 | 19.57 | 19.69 | 19.55 | 21.4 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.48 | 19.65 | 19.50 | 21.4 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.57 | 19.72 | 19.54 | 21.4 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 19.47 | 19.49 | 19.42 | 21.4 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 19.46 | 19.50 | 19.44 | 21.4 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 19.45 | 19.53 | 19.45 | 21.4 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 19.48 | 19.51 | 19.44 | 21.4 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 19.33 | 19.49 | 19.34 | 21.4 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 19.40 | 19.33 | 19.52 | 21.4 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 19.43 | 19.47 | 19.44 | 21.4 | 0.0 |

## n5 Ant2 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.70 | 21.87 | 21.83 | 23.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.78 | 21.84 | 21.78 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.65 | 21.74 | 21.69 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.77 | 21.91 | 21.82 | 23.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.81 | 21.85 | 21.77 | 23.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.69 | 21.76 | 21.71 | 23.6 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.73 | 21.89 | 21.81 | | |
| 20 | QPSK | 1 | 1 | 22.19 | 22.23 | 22.18 | 23.6 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.75 | 21.92 | 21.88 | | |
| 20 | QPSK | 1 | 104 | 21.75 | 21.81 | 21.78 | | |
| 20 | QPSK | 50 | 0 | 21.90 | 21.94 | 21.88 | 23.6 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.98 | 22.10 | 21.93 | 23.6 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.76 | 21.79 | 21.61 | 23.6 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.78 | 21.88 | 21.81 | | |
| 20 | 16QAM | 1 | 1 | 21.70 | 21.81 | 21.70 | 23.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.94 | 22.07 | 21.97 | 23.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.93 | 22.09 | 22.00 | 23.6 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.17 | 22.07 | 22.05 | 23.6 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.15 | 22.13 | 22.12 | 23.6 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.16 | 22.18 | 22.11 | 23.6 | 0.0 |

## n7 Ant5 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.74 | 16.81 | 16.63 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.65 | 16.89 | 16.77 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.72 | 16.94 | 16.79 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.72 | 16.81 | 16.76 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.67 | 16.77 | 16.80 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 16.87 | 16.89 | 16.63 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.71 | 16.93 | 16.69 | | |
| 20 | QPSK | 1 | 1 | 16.71 | 17.07 | 16.72 | 18.6 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.85 | 16.66 | 16.76 | | |
| 20 | QPSK | 1 | 104 | 16.61 | 16.88 | 16.66 | | |
| 20 | QPSK | 50 | 0 | 16.67 | 16.67 | 16.73 | 18.6 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.74 | 16.92 | 16.79 | 18.6 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.72 | 16.82 | 16.84 | 18.6 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.59 | 16.79 | 16.74 | | |
| 20 | 16QAM | 1 | 1 | 16.88 | 16.76 | 16.74 | 18.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.65 | 16.72 | 16.81 | 18.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.71 | 16.73 | 16.63 | 18.6 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 16.63 | 16.91 | 16.63 | 18.6 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 16.67 | 17.05 | 16.70 | 18.6 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 16.56 | 17.01 | 16.55 | 18.6 | 0.0 |

## n38 Ant5 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.00 | 16.80 | 16.82 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 16.97 | 16.98 | 16.90 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.01 | 17.09 | 16.89 | | |
| 20 | PI/2 BPSK | 25 | 0 | 16.84 | 16.82 | 17.01 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 16.87 | 16.89 | 17.00 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 16.98 | 17.08 | 16.80 | 18.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 16.89 | 16.96 | 17.11 | | |
| 20 | QPSK | 1 | 1 | 16.88 | 17.12 | 16.92 | 18.6 | 0.0 |
| 20 | QPSK | 1 | 26 | 16.97 | 17.08 | 16.90 | | |
| 20 | QPSK | 1 | 49 | 17.00 | 16.99 | 16.96 | | |
| 20 | QPSK | 25 | 0 | 16.89 | 16.95 | 16.66 | 18.6 | 0.0 |
| 20 | QPSK | 25 | 13 | 16.83 | 17.09 | 16.93 | 18.6 | 0.0 |
| 20 | QPSK | 25 | 26 | 16.91 | 16.98 | 16.94 | 18.6 | 0.0 |
| 20 | QPSK | 50 | 0 | 16.96 | 17.02 | 16.93 | | |
| 20 | 16QAM | 1 | 1 | 17.09 | 17.05 | 17.00 | 18.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.90 | 17.01 | 16.96 | 18.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.99 | 16.85 | 16.87 | 18.6 | 0.0 |

## PC2&3 n41 Ant5 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.44 | 16.71 | 16.51 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.65 | 16.70 | 16.64 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.55 | 16.66 | 16.48 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.68 | 16.69 | 16.41 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.67 | 16.65 | 16.56 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.57 | 16.62 | 16.57 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.48 | 16.65 | 16.52 | | |
| 100 | QPSK | 1 | 1 | 16.65 | 16.76 | 16.64 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.50 | 16.66 | 16.49 | | |
| 100 | QPSK | 1 | 271 | 16.52 | 16.68 | 16.57 | | |
| 100 | QPSK | 135 | 0 | 16.59 | 16.62 | 16.60 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.55 | 16.71 | 16.57 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.50 | 16.56 | 16.56 | 18.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.50 | 16.70 | 16.50 | | |
| 100 | 16QAM | 1 | 1 | 16.61 | 16.58 | 16.65 | 18.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.54 | 16.61 | 16.59 | 18.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.59 | 16.51 | 16.47 | 18.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 16.61 | 16.51 | 16.63 | 18.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 16.50 | 16.61 | 16.71 | 18.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 16.54 | 16.49 | 16.61 | 18.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 16.57 | 16.48 | 16.70 | 18.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 16.61 | 16.51 | 16.60 | 18.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 16.55 | 16.57 | 16.43 | 18.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 16.53 | 16.47 | 16.60 | 18.2 | 0.0 |

## n7 Ant6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.99 | 14.91 | 15.00 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 14.93 | 15.09 | 14.85 | | |
| 20 | PI/2 BPSK | 1 | 104 | 14.91 | 15.13 | 14.82 | | |
| 20 | PI/2 BPSK | 50 | 0 | 14.91 | 14.93 | 15.02 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 14.87 | 15.09 | 14.85 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.00 | 15.07 | 15.08 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.11 | 14.92 | 15.01 | | |
| 20 | QPSK | 1 | 1 | 15.06 | 15.18 | 15.02 | 16.1 | 0.0 |
| 20 | QPSK | 1 | 53 | 14.87 | 15.07 | 14.92 | | |
| 20 | QPSK | 1 | 104 | 14.89 | 14.84 | 15.11 | | |
| 20 | QPSK | 50 | 0 | 14.74 | 14.96 | 14.94 | 16.1 | 0.0 |
| 20 | QPSK | 50 | 28 | 14.94 | 15.11 | 14.96 | 16.1 | 0.0 |
| 20 | QPSK | 50 | 56 | 14.80 | 15.05 | 15.01 | 16.1 | 0.0 |
| 20 | QPSK | 100 | 0 | 14.89 | 15.09 | 15.03 | | |
| 20 | 16QAM | 1 | 1 | 15.00 | 14.98 | 14.82 | 16.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.94 | 14.97 | 14.88 | 16.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.95 | 15.02 | 14.90 | 16.1 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 14.82 | 15.01 | 14.88 | 16.1 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 14.79 | 15.05 | 14.99 | 16.1 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 14.80 | 14.97 | 14.96 | 16.1 | 0.0 |

## n66 Ant6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.47 | 18.38 | 18.27 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.37 | 18.37 | 18.49 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.43 | 18.48 | 18.28 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.31 | 18.40 | 18.45 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.25 | 18.54 | 18.27 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.39 | 18.53 | 18.48 | 20.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.42 | 18.46 | 18.41 | | |
| 20 | QPSK | 1 | 1 | 18.50 | 18.56 | 18.31 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.43 | 18.54 | 18.55 | | |
| 20 | QPSK | 1 | 104 | 18.44 | 18.55 | 18.50 | | |
| 20 | QPSK | 50 | 0 | 18.50 | 18.50 | 18.46 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.44 | 18.51 | 18.42 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.44 | 18.50 | 18.46 | 20.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.31 | 18.47 | 18.41 | | |
| 20 | 16QAM | 1 | 1 | 18.37 | 18.57 | 18.45 | 20.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.48 | 18.53 | 18.36 | 20.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.37 | 18.58 | 18.45 | 20.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 18.40 | 18.59 | 18.49 | 20.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 18.38 | 18.52 | 18.51 | 20.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 18.25 | 18.58 | 18.40 | 20.0 | 0.0 |

## n38 Ant6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.76 | 14.98 | 14.78 | 16.3 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 14.83 | 14.95 | 14.88 | | |
| 20 | PI/2 BPSK | 1 | 49 | 14.85 | 14.92 | 14.77 | | |
| 20 | PI/2 BPSK | 25 | 0 | 14.85 | 14.93 | 14.81 | 16.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 14.86 | 14.99 | 14.72 | 16.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 14.91 | 14.95 | 14.70 | 16.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 14.74 | 14.95 | 14.77 | | |
| 20 | QPSK | 1 | 1 | 14.96 | 15.00 | 14.97 | 16.3 | 0.0 |
| 20 | QPSK | 1 | 26 | 14.78 | 14.98 | 14.86 | | |
| 20 | QPSK | 1 | 49 | 14.78 | 14.93 | 14.81 | | |
| 20 | QPSK | 25 | 0 | 14.90 | 14.88 | 14.68 | 16.3 | 0.0 |
| 20 | QPSK | 25 | 13 | 14.87 | 14.96 | 14.88 | 16.3 | 0.0 |
| 20 | QPSK | 25 | 26 | 14.86 | 14.90 | 14.82 | 16.3 | 0.0 |
| 20 | QPSK | 50 | 0 | 14.84 | 14.92 | 14.78 | | |
| 20 | 16QAM | 1 | 1 | 14.86 | 14.98 | 14.83 | 16.3 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.88 | 14.99 | 14.87 | 16.3 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.75 | 14.91 | 14.90 | 16.3 | 0.0 |

## PC2&3 n41 Ant6 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.51 | 14.56 | 14.52 | 16.3 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.64 | 14.80 | 14.70 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.57 | 14.73 | 14.59 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.61 | 14.77 | 14.63 | 16.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.73 | 14.83 | 14.63 | 16.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.65 | 14.81 | 14.65 | 16.3 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.62 | 14.76 | 14.59 | | |
| 100 | QPSK | 1 | 1 | 14.72 | 14.88 | 14.78 | 16.3 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.54 | 14.72 | 14.61 | | |
| 100 | QPSK | 1 | 271 | 14.55 | 14.59 | 14.52 | | |
| 100 | QPSK | 135 | 0 | 14.51 | 14.66 | 14.52 | 16.3 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.58 | 14.71 | 14.51 | 16.3 | 0.0 |
| 100 | QPSK | 135 | 138 | 14.56 | 14.68 | 14.51 | 16.3 | 0.0 |
| 100 | QPSK | 270 | 0 | 14.51 | 14.55 | 14.52 | | |
| 100 | 16QAM | 1 | 1 | 14.65 | 14.81 | 14.67 | 16.3 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.57 | 14.71 | 14.61 | 16.3 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.52 | 14.61 | 14.52 | 16.3 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 14.52 | 14.63 | 14.52 | 16.3 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 14.55 | 14.67 | 14.51 | 16.3 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 14.56 | 14.71 | 14.52 | 16.3 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 14.54 | 14.62 | 14.52 | 16.3 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 14.56 | 14.66 | 14.51 | 16.3 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 14.61 | 14.59 | 14.66 | 16.3 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 14.51 | 14.66 | 14.55 | 16.3 | 0.0 |

## n38 Ant9 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.87 | 20.83 | 20.78 | 22.3 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 20.85 | 20.76 | 20.73 | | |
| 20 | PI/2 BPSK | 1 | 49 | 20.69 | 20.89 | 20.88 | | |
| 20 | PI/2 BPSK | 25 | 0 | 20.88 | 20.69 | 20.78 | 22.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 20.68 | 20.80 | 20.65 | 22.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 20.74 | 20.79 | 20.64 | 22.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 20.77 | 20.92 | 20.77 | | |
| 20 | QPSK | 1 | 1 | 20.78 | 20.99 | 20.75 | 22.3 | 0.0 |
| 20 | QPSK | 1 | 26 | 20.80 | 20.87 | 20.73 | | |
| 20 | QPSK | 1 | 49 | 20.72 | 20.80 | 20.64 | | |
| 20 | QPSK | 25 | 0 | 20.73 | 20.79 | 20.67 | 22.3 | 0.0 |
| 20 | QPSK | 25 | 13 | 20.66 | 20.84 | 20.74 | 22.3 | 0.0 |
| 20 | QPSK | 25 | 26 | 20.75 | 20.80 | 20.69 | 22.3 | 0.0 |
| 20 | QPSK | 50 | 0 | 20.72 | 20.81 | 20.70 | | |
| 20 | 16QAM | 1 | 1 | 20.62 | 20.85 | 20.80 | 22.3 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.74 | 20.72 | 20.72 | 22.3 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.81 | 19.86 | 19.77 | 22.3 | 0.0 |

## PC2&3 n41 Ant9 DSI1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.51 | 20.62 | 20.62 | 22.3 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.71 | 20.80 | 20.67 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.60 | 20.77 | 20.57 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.62 | 20.81 | 20.70 | 22.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.63 | 20.73 | 20.60 | 22.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.53 | 20.58 | 20.60 | 22.3 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.59 | 20.72 | 20.54 | | |
| 100 | QPSK | 1 | 1 | 20.62 | 20.84 | 20.57 | 22.3 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.74 | 20.77 | 20.65 | | |
| 100 | QPSK | 1 | 271 | 20.55 | 20.55 | 20.56 | | |
| 100 | QPSK | 135 | 0 | 20.67 | 20.64 | 20.70 | 22.3 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.54 | 20.81 | 20.55 | 22.3 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.60 | 20.73 | 20.57 | 22.3 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.58 | 20.75 | 20.58 | | |
| 100 | 16QAM | 1 | 1 | 20.51 | 20.60 | 20.51 | 22.3 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.52 | 20.59 | 20.51 | 22.3 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.63 | 20.80 | 20.66 | 22.3 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 20.56 | 20.54 | 20.51 | 22.3 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 20.57 | 20.58 | 20.51 | 22.3 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 20.51 | 20.58 | 20.56 | 22.3 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 20.56 | 20.54 | 20.58 | 22.3 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 20.56 | 20.50 | 20.55 | 22.3 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 20.61 | 20.57 | 20.44 | 22.3 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 20.56 | 20.57 | 20.57 | 22.3 | 0.0 |

## Reduced Power level for DSI 3

| n5 Ant0 DSI3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.06 | 24.19 | 24.13 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.03 | 24.13 | 24.05 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.13 | 24.24 | 24.12 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.03 | 24.16 | 24.02 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 24.22 | 24.17 | 24.30 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 24.26 | 24.28 | 24.18 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 24.05 | 24.13 | 24.02 | | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.37 | 24.23 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.03 | 24.18 | 24.10 | | |
| 20 | QPSK | 1 | 104 | 24.12 | 24.07 | 24.03 | | |
| 20 | QPSK | 50 | 0 | 24.01 | 24.15 | 24.09 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 24.28 | 24.32 | 24.19 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 24.06 | 24.11 | 24.05 | 25.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 24.13 | 24.30 | 24.23 | | |
| 20 | 16QAM | 1 | 1 | 24.10 | 24.18 | 24.06 | 25.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 24.10 | 24.22 | 24.08 | 25.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.82 | 21.82 | 21.82 | 23.2 | 2.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 24.26 | 24.30 | 24.20 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 24.21 | 24.28 | 24.10 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 24.29 | 24.31 | 24.20 | 25.7 | 0.0 |

## n7 Ant1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.53 | 20.47 | 20.55 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.51 | 20.69 | 20.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.55 | 20.66 | 20.56 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.42 | 20.55 | 20.62 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.64 | 20.54 | 20.51 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.39 | 20.55 | 20.64 | 21.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.44 | 20.60 | 20.50 | | |
| 20 | QPSK | 1 | 1 | 20.68 | 20.71 | 20.52 | 21.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.55 | 20.51 | 20.50 | | |
| 20 | QPSK | 1 | 104 | 20.56 | 20.47 | 20.69 | | |
| 20 | QPSK | 50 | 0 | 20.29 | 20.59 | 20.57 | 21.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.58 | 20.67 | 20.66 | 21.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.40 | 20.54 | 20.57 | 21.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.60 | 20.66 | 20.62 | | |
| 20 | 16QAM | 1 | 1 | 20.45 | 20.52 | 20.68 | 21.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.48 | 20.36 | 20.60 | 21.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.43 | 20.50 | 20.58 | 21.9 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 20.46 | 20.56 | 20.43 | 21.9 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 20.39 | 20.52 | 20.46 | 21.9 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 20.41 | 20.57 | 20.35 | 21.9 | 0.0 |

## n66 Ant1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.31 | 20.62 | 20.51 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.46 | 20.40 | 20.31 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.50 | 20.39 | 20.50 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.48 | 20.50 | 20.31 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.47 | 20.49 | 20.24 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.50 | 20.35 | 20.24 | 22.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.35 | 20.60 | 20.40 | | |
| 20 | QPSK | 1 | 1 | 20.60 | 20.72 | 20.53 | 22.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.55 | 20.45 | 20.48 | | |
| 20 | QPSK | 1 | 104 | 20.45 | 20.54 | 20.60 | | |
| 20 | QPSK | 50 | 0 | 20.28 | 20.58 | 20.59 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.43 | 20.64 | 20.46 | 22.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.47 | 20.46 | 20.54 | 22.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.41 | 20.54 | 20.48 | | |
| 20 | 16QAM | 1 | 1 | 20.36 | 20.45 | 20.33 | 22.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.44 | 20.49 | 20.33 | 22.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.35 | 20.56 | 20.48 | 22.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 20.47 | 20.67 | 20.30 | 22.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 20.44 | 20.61 | 20.33 | 22.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 20.36 | 20.58 | 20.39 | 22.2 | 0.0 |

## n38 Ant1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.85 | 19.63 | 19.84 | 21.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 19.67 | 19.86 | 19.88 | | |
| 20 | PI/2 BPSK | 1 | 49 | 19.72 | 19.71 | 19.81 | | |
| 20 | PI/2 BPSK | 25 | 0 | 19.57 | 19.82 | 19.74 | 21.2 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 19.74 | 19.84 | 19.85 | 21.2 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 19.53 | 19.70 | 19.82 | 21.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 19.61 | 19.88 | 19.78 | | |
| 20 | QPSK | 1 | 1 | 19.84 | 20.03 | 19.83 | 21.2 | 0.0 |
| 20 | QPSK | 1 | 26 | 19.92 | 19.73 | 19.74 | | |
| 20 | QPSK | 1 | 49 | 19.64 | 19.66 | 19.83 | | |
| 20 | QPSK | 25 | 0 | 19.47 | 19.75 | 19.83 | 21.2 | 0.0 |
| 20 | QPSK | 25 | 13 | 19.62 | 19.95 | 19.75 | 21.2 | 0.0 |
| 20 | QPSK | 25 | 26 | 19.77 | 19.64 | 19.66 | 21.2 | 0.0 |
| 20 | QPSK | 50 | 0 | 19.70 | 19.83 | 19.70 | | |
| 20 | 16QAM | 1 | 1 | 19.71 | 19.76 | 19.82 | 21.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.84 | 19.60 | 19.76 | 21.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.38 | 19.46 | 19.32 | 20.2 | 1.0 |

## PC2&3 n41 Ant1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.33 | 19.45 | 19.35 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.37 | 19.48 | 19.29 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.23 | 19.35 | 19.25 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.41 | 19.59 | 19.41 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.47 | 19.58 | 19.43 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.32 | 19.51 | 19.38 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.30 | 19.49 | 19.36 | | |
| 100 | QPSK | 1 | 1 | 19.55 | 19.72 | 19.61 | 21.2 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.43 | 19.57 | 19.43 | | |
| 100 | QPSK | 1 | 271 | 19.25 | 19.39 | 19.22 | | |
| 100 | QPSK | 135 | 0 | 19.39 | 19.52 | 19.37 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.44 | 19.59 | 19.43 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.39 | 19.52 | 19.37 | 21.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 19.41 | 19.55 | 19.44 | | |
| 100 | 16QAM | 1 | 1 | 19.43 | 19.59 | 19.42 | 21.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.39 | 19.55 | 19.42 | 21.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.49 | 19.62 | 19.43 | 21.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 19.27 | 19.53 | 19.34 | 21.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 19.32 | 19.53 | 19.42 | 21.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 19.36 | 19.53 | 19.41 | 21.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 19.33 | 19.50 | 19.37 | 21.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 19.30 | 19.46 | 19.39 | 21.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 19.40 | 19.33 | 19.36 | 21.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 19.33 | 19.46 | 19.35 | 21.2 | 0.0 |

## n5 Ant2 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.81 | 23.98 | 23.94 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.94 | 24.02 | 23.98 | | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.90 | 23.76 | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.00 | 24.07 | 24.00 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 24.02 | 23.86 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.92 | 23.94 | 23.88 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.90 | 24.05 | 24.03 | | |
| 20 | QPSK | 1 | 1 | 24.04 | 24.12 | 23.99 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 23.85 | 23.98 | 23.90 | | |
| 20 | QPSK | 1 | 104 | 23.72 | 23.80 | 23.83 | | |
| 20 | QPSK | 50 | 0 | 23.76 | 23.72 | 23.75 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 24.02 | 24.08 | 24.05 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.89 | 23.98 | 23.83 | 25.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 23.74 | 23.78 | 23.74 | | |
| 20 | 16QAM | 1 | 1 | 23.74 | 23.92 | 23.83 | 25.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 24.00 | 24.08 | 23.98 | 25.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.34 | 21.46 | 21.36 | 23.2 | 2.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 23.86 | 24.03 | 23.93 | 25.7 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 23.93 | 24.00 | 23.90 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 23.93 | 23.98 | 23.84 | 25.7 | 0.0 |

## n7 Ant5 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.86 | 19.91 | 19.85 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 19.90 | 19.94 | 19.77 | | |
| 20 | PI/2 BPSK | 1 | 104 | 19.76 | 20.03 | 19.82 | | |
| 20 | PI/2 BPSK | 50 | 0 | 19.83 | 20.08 | 19.76 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 19.87 | 19.96 | 19.83 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 19.93 | 19.94 | 19.82 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 19.82 | 19.96 | 20.00 | | |
| 20 | QPSK | 1 | 1 | 19.92 | 20.14 | 20.08 | 21.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 19.91 | 19.98 | 19.89 | | |
| 20 | QPSK | 1 | 104 | 19.88 | 19.92 | 19.83 | | |
| 20 | QPSK | 50 | 0 | 19.91 | 19.82 | 19.93 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.87 | 20.06 | 19.69 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 19.86 | 19.92 | 19.87 | 21.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 19.98 | 20.03 | 19.84 | | |
| 20 | 16QAM | 1 | 1 | 19.93 | 19.85 | 19.83 | 21.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.81 | 19.89 | 19.73 | 21.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.93 | 19.84 | 19.76 | 21.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 19.89 | 20.08 | 19.86 | 21.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 19.76 | 20.04 | 19.84 | 21.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 19.85 | 20.03 | 19.77 | 21.5 | 0.0 |

## n38 Ant5 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.65 | 20.62 | 20.57 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 20.52 | 20.67 | 20.56 | | |
| 20 | PI/2 BPSK | 1 | 49 | 20.56 | 20.64 | 20.61 | | |
| 20 | PI/2 BPSK | 25 | 0 | 20.51 | 20.54 | 20.55 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 20.44 | 20.60 | 20.40 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 20.55 | 20.55 | 20.48 | 22.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 20.42 | 20.56 | 20.68 | | |
| 20 | QPSK | 1 | 1 | 20.65 | 20.70 | 20.58 | 22.0 | 0.0 |
| 20 | QPSK | 1 | 26 | 20.51 | 20.52 | 20.54 | | |
| 20 | QPSK | 1 | 49 | 20.52 | 20.66 | 20.50 | | |
| 20 | QPSK | 25 | 0 | 20.53 | 20.65 | 20.36 | 22.0 | 0.0 |
| 20 | QPSK | 25 | 13 | 20.55 | 20.68 | 20.58 | 22.0 | 0.0 |
| 20 | QPSK | 25 | 26 | 20.51 | 20.61 | 20.57 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 0 | 20.56 | 20.67 | 20.48 | | |
| 20 | 16QAM | 1 | 1 | 20.63 | 20.59 | 20.59 | 22.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.56 | 20.59 | 20.45 | 22.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.46 | 20.51 | 20.66 | 22.0 | 0.0 |

## PC2&3 n41 Ant5 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.57 | 20.45 | 20.47 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 20.42 | 20.54 | 20.53 | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.51 | 20.52 | 20.54 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.34 | 20.51 | 20.44 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.33 | 20.56 | 20.26 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.48 | 20.45 | 20.32 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.29 | 20.43 | 20.54 | | |
| 100 | QPSK | 1 | 1 | 20.63 | 20.73 | 20.69 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 20.48 | 20.48 | 20.50 | | |
| 100 | QPSK | 1 | 271 | 20.47 | 20.49 | 20.38 | | |
| 100 | QPSK | 135 | 0 | 20.42 | 20.53 | 20.31 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.43 | 20.67 | 20.64 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.33 | 20.55 | 20.41 | 22.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.51 | 20.64 | 20.60 | | |
| 100 | 16QAM | 1 | 1 | 20.45 | 20.42 | 20.41 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.43 | 20.52 | 20.41 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.36 | 20.38 | 20.58 | 22.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 20.41 | 20.44 | 20.37 | 22.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 20.36 | 20.43 | 20.31 | 22.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 20.40 | 20.47 | 20.45 | 22.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 20.42 | 20.49 | 20.40 | 22.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 20.40 | 20.56 | 20.31 | 22.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 20.41 | 20.50 | 20.32 | 22.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 20.40 | 20.44 | 20.42 | 22.0 | 0.0 |

## n7 Ant6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.08 | 18.17 | 18.06 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.02 | 18.15 | 18.04 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.96 | 18.14 | 18.02 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.03 | 18.03 | 17.96 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.91 | 18.10 | 17.92 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.08 | 18.09 | 17.98 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.88 | 18.07 | 18.18 | | |
| 20 | QPSK | 1 | 1 | 17.97 | 18.20 | 18.12 | 19.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.97 | 18.06 | 17.99 | | |
| 20 | QPSK | 1 | 104 | 18.03 | 18.09 | 17.94 | | |
| 20 | QPSK | 50 | 0 | 17.95 | 18.08 | 17.78 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.97 | 18.10 | 17.99 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.99 | 18.04 | 17.99 | 19.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.04 | 18.06 | 18.01 | | |
| 20 | 16QAM | 1 | 1 | 18.10 | 18.01 | 18.03 | 19.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.99 | 18.07 | 17.86 | 19.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.96 | 18.03 | 18.11 | 19.4 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.83 | 18.09 | 17.84 | 19.4 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.87 | 18.05 | 17.94 | 19.4 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.85 | 18.02 | 18.00 | 19.4 | 0.0 |

## n66 Ant6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.86 | 21.98 | 21.92 | 23.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.94 | 22.02 | 21.97 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.02 | 22.08 | 22.01 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.95 | 22.03 | 21.99 | 23.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.93 | 22.07 | 21.99 | 23.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.93 | 22.09 | 21.93 | 23.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.95 | 22.07 | 21.96 | | |
| 20 | QPSK | 1 | 1 | 22.08 | 22.16 | 22.11 | 23.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.04 | 22.14 | 22.10 | | |
| 20 | QPSK | 1 | 104 | 21.82 | 21.92 | 21.87 | | |
| 20 | QPSK | 50 | 0 | 21.87 | 22.02 | 21.97 | 23.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 22.10 | 22.13 | 21.95 | 23.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.88 | 22.04 | 21.94 | 23.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.97 | 22.09 | 21.94 | | |
| 20 | 16QAM | 1 | 1 | 21.80 | 21.94 | 21.82 | 23.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.84 | 21.86 | 21.75 | 23.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.86 | 20.96 | 20.87 | 22.4 | 1.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 22.05 | 22.01 | 21.95 | 23.4 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 21.94 | 22.11 | 22.04 | 23.4 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 21.94 | 22.08 | 22.08 | 23.4 | 0.0 |

## n38 Ant6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.83 | 18.00 | 17.78 | 19.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.87 | 17.96 | 17.75 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.95 | 18.02 | 17.79 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.87 | 17.97 | 17.80 | 19.6 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.88 | 17.97 | 17.93 | 19.6 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.85 | 17.89 | 17.92 | 19.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.80 | 17.97 | 17.84 | | |
| 20 | QPSK | 1 | 1 | 17.95 | 18.07 | 17.89 | 19.6 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.82 | 17.90 | 17.85 | | |
| 20 | QPSK | 1 | 49 | 17.90 | 18.01 | 17.79 | | |
| 20 | QPSK | 25 | 0 | 17.87 | 17.88 | 17.81 | 19.6 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.91 | 17.96 | 17.91 | 19.6 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.85 | 17.91 | 17.87 | 19.6 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.87 | 17.94 | 17.90 | | |
| 20 | 16QAM | 1 | 1 | 17.93 | 17.94 | 17.85 | 19.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.80 | 17.99 | 17.81 | 19.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.85 | 17.95 | 17.89 | 19.6 | 0.0 |

## PC2&3 n41 Ant6 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.93 | 18.09 | 17.82 | 19.6 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.03 | 17.97 | 17.89 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.90 | 17.97 | 17.97 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.91 | 18.02 | 17.77 | 19.6 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.80 | 17.95 | 18.03 | 19.6 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.93 | 18.11 | 17.96 | 19.6 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.89 | 18.05 | 17.87 | | |
| 100 | QPSK | 1 | 1 | 17.98 | 18.14 | 18.09 | 19.6 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.79 | 18.06 | 17.97 | | |
| 100 | QPSK | 1 | 271 | 17.92 | 17.90 | 17.85 | | |
| 100 | QPSK | 135 | 0 | 17.97 | 17.98 | 17.87 | 19.6 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.81 | 18.13 | 17.92 | 19.6 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.95 | 17.95 | 17.90 | 19.6 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.86 | 18.01 | 17.87 | | |
| 100 | 16QAM | 1 | 1 | 17.94 | 18.05 | 17.90 | 19.6 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.88 | 18.06 | 17.87 | 19.6 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.87 | 18.09 | 17.86 | 19.6 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.81 | 18.00 | 17.94 | 19.6 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.81 | 17.99 | 18.03 | 19.6 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.95 | 18.07 | 17.93 | 19.6 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.86 | 18.02 | 18.05 | 19.6 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.90 | 18.00 | 17.95 | 19.6 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.90 | 17.88 | 17.95 | 19.6 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.89 | 18.09 | 17.98 | 19.6 | 0.0 |

## n38 Ant9 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.69 | 21.83 | 21.76 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 21.60 | 21.68 | 21.62 | | |
| 20 | PI/2 BPSK | 1 | 49 | 21.81 | 21.93 | 21.80 | | |
| 20 | PI/2 BPSK | 25 | 0 | 21.44 | 21.59 | 21.46 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 21.66 | 21.70 | 21.64 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 21.75 | 21.79 | 21.64 | 23.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 21.64 | 21.69 | 21.58 | | |
| 20 | QPSK | 1 | 1 | 21.87 | 21.97 | 21.88 | 23.3 | 0.0 |
| 20 | QPSK | 1 | 26 | 21.50 | 21.66 | 21.51 | | |
| 20 | QPSK | 1 | 49 | 21.57 | 21.71 | 21.52 | | |
| 20 | QPSK | 25 | 0 | 21.43 | 21.57 | 21.54 | 23.3 | 0.0 |
| 20 | QPSK | 25 | 13 | 21.56 | 21.77 | 21.56 | 23.3 | 0.0 |
| 20 | QPSK | 25 | 26 | 21.63 | 21.70 | 21.73 | 23.3 | 0.0 |
| 20 | QPSK | 50 | 0 | 21.63 | 21.66 | 21.51 | | |
| 20 | 16QAM | 1 | 1 | 21.57 | 21.59 | 21.48 | 23.3 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.63 | 21.68 | 21.58 | 23.3 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.81 | 19.86 | 19.77 | 20.8 | 2.5 |

## PC3&2 n41 Ant9 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.76 | 21.85 | 21.81 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 21.85 | 21.92 | 21.84 | | |
| 100 | PI/2 BPSK | 1 | 271 | 21.74 | 21.82 | 21.73 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.87 | 21.89 | 21.81 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.85 | 21.93 | 21.87 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.79 | 21.86 | 21.72 | 23.3 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.68 | 21.84 | 21.82 | | |
| 100 | QPSK | 1 | 1 | 21.94 | 22.11 | 21.98 | 23.3 | 0.0 |
| 100 | QPSK | 1 | 137 | 21.90 | 21.97 | 21.87 | | |
| 100 | QPSK | 1 | 271 | 21.81 | 21.85 | 21.74 | | |
| 100 | QPSK | 135 | 0 | 21.68 | 21.84 | 21.74 | 23.3 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.81 | 21.92 | 21.75 | 23.3 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.74 | 21.81 | 21.71 | 23.3 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.79 | 21.89 | 21.87 | | |
| 100 | 16QAM | 1 | 1 | 21.62 | 21.77 | 21.75 | 23.3 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.66 | 21.84 | 21.74 | 23.3 | 0.0 |
| 100 | 256QAM | 1 | 1 | 21.94 | 22.03 | 21.99 | 23.3 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 21.89 | 22.07 | 21.90 | 23.3 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 21.86 | 22.01 | 21.90 | 23.3 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 21.82 | 21.97 | 21.91 | 23.3 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 21.91 | 21.93 | 21.81 | 23.3 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 21.84 | 22.09 | 21.89 | 23.3 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 21.88 | 22.01 | 21.98 | 23.3 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 21.86 | 21.95 | 21.90 | 23.3 | 0.0 |

## Reduced Power level for DSI 5

| n5 Ant0 DSI5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.07 | 21.09 | 21.17 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.03 | 21.17 | 21.09 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.99 | 21.19 | 21.07 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.09 | 21.21 | 21.17 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.91 | 21.21 | 21.15 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.96 | 21.18 | 21.13 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.02 | 21.02 | 21.13 | | |
| 20 | QPSK | 1 | 1 | 21.10 | 21.23 | 21.17 | 22.8 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.00 | 21.13 | 21.03 | | |
| 20 | QPSK | 1 | 104 | 21.00 | 21.21 | 21.03 | | |
| 20 | QPSK | 50 | 0 | 21.10 | 21.09 | 21.06 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.88 | 21.16 | 21.13 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.07 | 21.10 | 21.09 | 22.8 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.03 | 21.12 | 21.11 | | |
| 20 | 16QAM | 1 | 1 | 21.08 | 21.09 | 21.10 | 22.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.05 | 21.01 | 20.96 | 22.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.98 | 21.20 | 21.13 | 22.8 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 20.98 | 21.07 | 21.07 | 22.8 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 20.97 | 21.21 | 21.17 | 22.8 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 20.98 | 21.13 | 20.97 | 22.8 | 0.0 |

## n7 Ant1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.22 | 17.27 | 17.35 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.35 | 17.36 | 17.42 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.33 | 17.31 | 17.36 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.22 | 17.41 | 17.39 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.29 | 17.35 | 17.35 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.14 | 17.29 | 17.33 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.19 | 17.23 | 17.27 | | |
| 20 | QPSK | 1 | 1 | 17.33 | 17.44 | 17.40 | 18.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.14 | 17.42 | 17.33 | | |
| 20 | QPSK | 1 | 104 | 17.21 | 17.29 | 17.31 | | |
| 20 | QPSK | 50 | 0 | 17.35 | 17.27 | 17.23 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.28 | 17.42 | 17.36 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.25 | 17.34 | 17.34 | 18.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.16 | 17.37 | 17.29 | | |
| 20 | 16QAM | 1 | 1 | 17.32 | 17.35 | 17.31 | 18.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.31 | 17.29 | 17.25 | 18.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.30 | 17.34 | 17.37 | 18.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.21 | 17.34 | 17.37 | 18.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.19 | 17.29 | 17.43 | 18.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.28 | 17.41 | 17.40 | 18.7 | 0.0 |

## n66 Ant1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.69 | 20.72 | 20.54 | 22.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.62 | 20.63 | 20.64 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.74 | 20.75 | 20.53 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.53 | 20.73 | 20.59 | 22.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.59 | 20.62 | 20.53 | 22.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.62 | 20.64 | 20.69 | 22.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.54 | 20.63 | 20.66 | | |
| 20 | QPSK | 1 | 1 | 20.72 | 20.78 | 20.70 | 22.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.68 | 20.66 | 20.70 | | |
| 20 | QPSK | 1 | 104 | 20.63 | 20.68 | 20.49 | | |
| 20 | QPSK | 50 | 0 | 20.63 | 20.66 | 20.53 | 22.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.64 | 20.77 | 20.71 | 22.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.72 | 20.65 | 20.56 | 22.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.68 | 20.72 | 20.70 | | |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.74 | 20.54 | 22.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.57 | 20.74 | 20.59 | 22.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.54 | 20.76 | 20.49 | 22.4 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 20.54 | 20.62 | 20.64 | 22.4 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 20.54 | 20.73 | 20.53 | 22.4 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 20.72 | 20.76 | 20.70 | 22.4 | 0.0 |

## n38 Ant1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.85 | 16.94 | 16.78 | 18.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 16.90 | 16.78 | 16.86 | | |
| 20 | PI/2 BPSK | 1 | 49 | 16.91 | 16.86 | 16.66 | | |
| 20 | PI/2 BPSK | 25 | 0 | 16.84 | 16.94 | 16.85 | 18.2 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 16.79 | 16.85 | 16.71 | 18.2 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 16.81 | 16.78 | 16.69 | 18.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 16.71 | 16.93 | 16.88 | | |
| 20 | QPSK | 1 | 1 | 16.92 | 16.95 | 16.88 | 18.2 | 0.0 |
| 20 | QPSK | 1 | 26 | 16.74 | 16.93 | 16.89 | | |
| 20 | QPSK | 1 | 49 | 16.73 | 16.79 | 16.85 | | |
| 20 | QPSK | 25 | 0 | 16.86 | 16.78 | 16.68 | 18.2 | 0.0 |
| 20 | QPSK | 25 | 13 | 16.88 | 16.92 | 16.73 | 18.2 | 0.0 |
| 20 | QPSK | 25 | 26 | 16.75 | 16.87 | 16.83 | 18.2 | 0.0 |
| 20 | QPSK | 50 | 0 | 16.76 | 16.87 | 16.84 | | |
| 20 | 16QAM | 1 | 1 | 16.80 | 16.85 | 16.89 | 18.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.91 | 16.86 | 16.86 | 18.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.86 | 16.93 | 16.88 | 18.2 | 0.0 |

## PC2&3 n41 Ant1 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.47 | 16.55 | 16.41 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.27 | 16.52 | 16.47 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.36 | 16.53 | 16.34 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.25 | 16.34 | 16.39 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.38 | 16.43 | 16.40 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.36 | 16.48 | 16.42 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.37 | 16.37 | 16.38 | | |
| 100 | QPSK | 1 | 1 | 16.47 | 16.56 | 16.45 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.40 | 16.51 | 16.42 | | |
| 100 | QPSK | 1 | 271 | 16.32 | 16.55 | 16.26 | | |
| 100 | QPSK | 135 | 0 | 16.28 | 16.38 | 16.39 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.27 | 16.53 | 16.41 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.43 | 16.45 | 16.30 | 18.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.30 | 16.43 | 16.25 | | |
| 100 | 16QAM | 1 | 1 | 16.43 | 16.47 | 16.30 | 18.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.45 | 16.38 | 16.27 | 18.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.39 | 16.54 | 16.29 | 18.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 16.27 | 16.46 | 16.31 | 18.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 16.30 | 16.49 | 16.25 | 18.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 16.27 | 16.46 | 16.46 | 18.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 16.48 | 16.53 | 16.40 | 18.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 16.49 | 16.51 | 16.32 | 18.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 16.33 | 16.41 | 16.36 | 18.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 16.30 | 16.51 | 16.26 | 18.2 | 0.0 |

## n5 Ant2 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.89 | 18.98 | 18.72 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.84 | 18.96 | 18.81 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.78 | 18.93 | 18.84 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.76 | 18.99 | 18.79 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.91 | 18.90 | 18.61 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.93 | 18.80 | 18.64 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.78 | 18.92 | 18.75 | | |
| 20 | QPSK | 1 | 1 | 18.97 | 19.01 | 18.83 | 20.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.93 | 18.94 | 18.76 | | |
| 20 | QPSK | 1 | 104 | 18.94 | 18.92 | 18.64 | | |
| 20 | QPSK | 50 | 0 | 18.80 | 18.90 | 18.83 | 20.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.94 | 18.99 | 18.61 | 20.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.77 | 18.85 | 18.74 | 20.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.82 | 18.90 | 18.80 | | |
| 20 | 16QAM | 1 | 1 | 18.84 | 18.94 | 18.78 | 20.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.95 | 18.89 | 18.78 | 20.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.80 | 18.90 | 18.63 | 20.4 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 18.96 | 18.81 | 18.84 | 20.4 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 18.90 | 18.91 | 18.70 | 20.4 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 18.96 | 19.00 | 18.85 | 20.4 | 0.0 |

## n7 Ant5 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 13.61 | 13.60 | 13.54 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 13.68 | 13.64 | 13.64 | | |
| 20 | PI/2 BPSK | 1 | 104 | 13.67 | 13.63 | 13.71 | | |
| 20 | PI/2 BPSK | 50 | 0 | 13.61 | 13.63 | 13.56 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 13.76 | 13.66 | 13.63 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 13.68 | 13.68 | 13.67 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 13.68 | 13.49 | 13.54 | | |
| 20 | QPSK | 1 | 1 | 13.78 | 13.79 | 13.73 | 15.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 13.66 | 13.61 | 13.72 | | |
| 20 | QPSK | 1 | 104 | 13.60 | 13.62 | 13.74 | | |
| 20 | QPSK | 50 | 0 | 13.50 | 13.55 | 13.54 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 13.58 | 13.67 | 13.55 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 13.48 | 13.48 | 13.56 | 15.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 13.61 | 13.65 | 13.63 | | |
| 20 | 16QAM | 1 | 1 | 13.64 | 13.55 | 13.65 | 15.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 13.77 | 13.65 | 13.55 | 15.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 13.72 | 13.67 | 13.70 | 15.4 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 13.77 | 13.58 | 13.64 | 15.4 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 13.72 | 13.55 | 13.55 | 15.4 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 13.68 | 13.60 | 13.66 | 15.4 | 0.0 |

## n38 Ant5 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 13.61 | 13.62 | 13.58 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 13.55 | 13.71 | 13.72 | | |
| 20 | PI/2 BPSK | 1 | 49 | 13.62 | 13.81 | 13.66 | | |
| 20 | PI/2 BPSK | 25 | 0 | 13.67 | 13.67 | 13.57 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 13.63 | 13.65 | 13.72 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 13.61 | 13.77 | 13.74 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 13.76 | 13.81 | 13.56 | | |
| 20 | QPSK | 1 | 1 | 13.75 | 13.84 | 13.77 | 15.4 | 0.0 |
| 20 | QPSK | 1 | 26 | 13.72 | 13.65 | 13.59 | | |
| 20 | QPSK | 1 | 49 | 13.60 | 13.83 | 13.77 | | |
| 20 | QPSK | 25 | 0 | 13.69 | 13.67 | 13.67 | 15.4 | 0.0 |
| 20 | QPSK | 25 | 13 | 13.73 | 13.74 | 13.60 | 15.4 | 0.0 |
| 20 | QPSK | 25 | 26 | 13.65 | 13.65 | 13.72 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 0 | 13.68 | 13.70 | 13.55 | | |
| 20 | 16QAM | 1 | 1 | 13.70 | 13.75 | 13.71 | 15.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 13.63 | 13.66 | 13.71 | 15.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 13.60 | 13.83 | 13.78 | 15.4 | 0.0 |

## PC2&3 n41 Ant5 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.29 | 13.36 | 13.18 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 13.22 | 13.36 | 13.16 | | |
| 100 | PI/2 BPSK | 1 | 271 | 13.21 | 13.35 | 13.27 | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.35 | 13.38 | 13.24 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 13.18 | 13.30 | 13.12 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 13.31 | 13.29 | 13.34 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 13.17 | 13.36 | 13.12 | | |
| 100 | QPSK | 1 | 1 | 13.35 | 13.43 | 13.34 | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 13.28 | 13.42 | 13.19 | | |
| 100 | QPSK | 1 | 271 | 13.18 | 13.41 | 13.14 | | |
| 100 | QPSK | 135 | 0 | 13.34 | 13.38 | 13.12 | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 13.23 | 13.39 | 13.31 | 15.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 13.23 | 13.31 | 13.34 | 15.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 13.26 | 13.34 | 13.28 | | |
| 100 | 16QAM | 1 | 1 | 13.19 | 13.25 | 13.33 | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 13.35 | 13.35 | 13.32 | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 13.29 | 13.23 | 13.33 | 15.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 13.18 | 13.26 | 13.35 | 15.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 13.18 | 13.22 | 13.19 | 15.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 13.14 | 13.30 | 13.32 | 15.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 13.34 | 13.25 | 13.35 | 15.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 13.22 | 13.38 | 13.30 | 15.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 13.39 | 13.41 | 13.37 | 15.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 13.29 | 13.39 | 13.27 | 15.0 | 0.0 |

## n7 Ant6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 11.59 | 11.45 | 11.67 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 11.63 | 11.58 | 11.55 | | |
| 20 | PI/2 BPSK | 1 | 104 | 11.57 | 11.75 | 11.33 | | |
| 20 | PI/2 BPSK | 50 | 0 | 11.61 | 11.56 | 11.70 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 11.50 | 11.64 | 11.57 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 11.59 | 11.69 | 11.64 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 11.71 | 11.46 | 11.69 | | |
| 20 | QPSK | 1 | 1 | 11.71 | 11.77 | 11.68 | 12.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 11.40 | 11.61 | 11.51 | | |
| 20 | QPSK | 1 | 104 | 11.54 | 11.51 | 11.59 | | |
| 20 | QPSK | 50 | 0 | 11.32 | 11.56 | 11.59 | 12.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 11.55 | 11.75 | 11.60 | 12.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 11.49 | 11.70 | 11.62 | 12.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 11.58 | 11.73 | 11.66 | | |
| 20 | 16QAM | 1 | 1 | 11.51 | 11.69 | 11.34 | 12.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 11.62 | 11.46 | 11.41 | 12.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 11.44 | 11.54 | 11.52 | 12.9 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 11.56 | 11.68 | 11.37 | 12.9 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 11.60 | 11.72 | 11.44 | 12.9 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 11.51 | 11.64 | 11.35 | 12.9 | 0.0 |

## n66 Ant6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 15.33 | 15.13 | 15.20 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 15.35 | 15.16 | 15.28 | | |
| 20 | PI/2 BPSK | 1 | 104 | 15.21 | 15.40 | 15.13 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.23 | 15.29 | 15.27 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 15.13 | 15.46 | 15.16 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.28 | 15.39 | 15.31 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.37 | 15.31 | 15.31 | | |
| 20 | QPSK | 1 | 1 | 15.38 | 15.52 | 15.00 | 16.8 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.31 | 15.37 | 15.36 | | |
| 20 | QPSK | 1 | 104 | 15.35 | 15.47 | 15.22 | | |
| 20 | QPSK | 50 | 0 | 15.33 | 15.37 | 15.20 | 16.8 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.14 | 15.44 | 15.32 | 16.8 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.19 | 15.34 | 15.27 | 16.8 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.23 | 15.37 | 15.33 | | |
| 20 | 16QAM | 1 | 1 | 15.24 | 15.38 | 15.26 | 16.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.22 | 15.25 | 15.28 | 16.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.08 | 15.43 | 15.36 | 16.8 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 15.27 | 15.44 | 15.29 | 16.8 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 15.26 | 15.50 | 15.35 | 16.8 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 15.29 | 15.45 | 15.31 | 16.8 | 0.0 |

## n38 Ant6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 11.64 | 11.67 | 11.69 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 11.61 | 11.69 | 11.67 | | |
| 20 | PI/2 BPSK | 1 | 49 | 11.68 | 11.75 | 11.58 | | |
| 20 | PI/2 BPSK | 25 | 0 | 11.55 | 11.66 | 11.57 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 11.68 | 11.75 | 11.57 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 11.56 | 11.71 | 11.60 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 11.66 | 11.74 | 11.58 | | |
| 20 | QPSK | 1 | 1 | 11.71 | 11.82 | 11.72 | 13.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 11.58 | 11.74 | 11.55 | | |
| 20 | QPSK | 1 | 49 | 11.57 | 11.72 | 11.60 | | |
| 20 | QPSK | 25 | 0 | 11.59 | 11.65 | 11.61 | 13.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 11.65 | 11.79 | 11.55 | 13.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 11.58 | 11.69 | 11.68 | 13.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 11.65 | 11.73 | 11.70 | | |
| 20 | 16QAM | 1 | 1 | 11.66 | 11.65 | 11.59 | 13.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 11.62 | 11.77 | 11.68 | 13.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 11.60 | 11.66 | 11.60 | 13.1 | 0.0 |

## PC2&3 n41 Ant6 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 11.88 | 11.87 | 11.89 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 11.83 | 11.91 | 11.83 | | |
| 100 | PI/2 BPSK | 1 | 271 | 11.89 | 11.83 | 11.89 | | |
| 100 | PI/2 BPSK | 135 | 0 | 11.83 | 11.90 | 11.84 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 11.85 | 11.85 | 11.76 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 11.76 | 11.82 | 11.81 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 11.77 | 11.79 | 11.77 | | |
| 100 | QPSK | 1 | 1 | 11.93 | 11.94 | 11.92 | 13.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 11.89 | 11.84 | 11.87 | | |
| 100 | QPSK | 1 | 271 | 11.77 | 11.77 | 11.84 | | |
| 100 | QPSK | 135 | 0 | 11.87 | 11.89 | 11.77 | 13.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 11.80 | 11.81 | 11.76 | 13.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 11.76 | 11.82 | 11.84 | 13.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 11.85 | 11.86 | 11.80 | | |
| 100 | 16QAM | 1 | 1 | 11.79 | 11.82 | 11.81 | 13.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 11.87 | 11.84 | 11.87 | 13.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 11.78 | 11.83 | 11.82 | 13.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 11.83 | 11.78 | 11.80 | 13.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 11.85 | 11.87 | 11.83 | 13.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 11.85 | 11.87 | 11.89 | 13.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 11.86 | 11.79 | 11.87 | 13.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 11.85 | 11.78 | 11.75 | 13.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 11.80 | 11.88 | 11.90 | 13.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 11.77 | 11.90 | 11.87 | 13.1 | 0.0 |

## n38 Ant9 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.54 | 17.61 | 17.54 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.62 | 17.61 | 17.52 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.53 | 17.57 | 17.44 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.59 | 17.65 | 17.54 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.59 | 17.56 | 17.45 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.51 | 17.67 | 17.57 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.61 | 17.66 | 17.45 | | |
| 20 | QPSK | 1 | 1 | 17.64 | 17.69 | 17.62 | 19.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.58 | 17.53 | 17.50 | | |
| 20 | QPSK | 1 | 49 | 17.56 | 17.54 | 17.54 | | |
| 20 | QPSK | 25 | 0 | 17.52 | 17.59 | 17.47 | 19.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.49 | 17.66 | 17.47 | 19.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.59 | 17.64 | 17.54 | 19.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.52 | 17.64 | 17.46 | | |
| 20 | 16QAM | 1 | 1 | 17.61 | 17.55 | 17.53 | 19.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.51 | 17.62 | 17.52 | 19.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.57 | 17.53 | 17.47 | 19.1 | 0.0 |

## PC2&3 n41 Ant9 DSI5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.45 | 17.67 | 17.53 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.47 | 17.69 | 17.60 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.56 | 17.70 | 17.61 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.44 | 17.70 | 17.57 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.54 | 17.60 | 17.51 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.54 | 17.67 | 17.58 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.57 | 17.64 | 17.48 | | |
| 100 | QPSK | 1 | 1 | 17.62 | 17.75 | 17.64 | 19.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.47 | 17.63 | 17.48 | | |
| 100 | QPSK | 1 | 271 | 17.54 | 17.59 | 17.59 | | |
| 100 | QPSK | 135 | 0 | 17.51 | 17.59 | 17.59 | 19.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.53 | 17.67 | 17.48 | 19.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.50 | 17.64 | 17.51 | 19.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.59 | 17.66 | 17.52 | | |
| 100 | 16QAM | 1 | 1 | 17.47 | 17.62 | 17.62 | 19.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.49 | 17.70 | 17.59 | 19.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.49 | 17.70 | 17.61 | 19.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.49 | 17.62 | 17.58 | 19.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.51 | 17.63 | 17.58 | 19.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.50 | 17.63 | 17.53 | 19.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.60 | 17.60 | 17.55 | 19.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.45 | 17.58 | 17.51 | 19.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.65 | 17.63 | 17.58 | 19.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.51 | 17.73 | 17.48 | 19.1 | 0.0 |

## Reduced Power level for DSI 7

| n5 Ant0 DSI7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.73 | 21.79 | 21.76 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.77 | 21.84 | 21.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.79 | 21.79 | 21.65 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.73 | 21.82 | 21.73 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.86 | 21.87 | 21.78 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.79 | 21.81 | 21.65 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.72 | 21.87 | 21.75 | | |
| 20 | QPSK | 1 | 1 | 21.84 | 21.91 | 21.76 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.72 | 21.81 | 21.75 | | |
| 20 | QPSK | 1 | 104 | 21.81 | 21.85 | 21.75 | | |
| 20 | QPSK | 50 | 0 | 21.81 | 21.83 | 21.76 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.73 | 21.89 | 21.78 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.76 | 21.78 | 21.77 | 23.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.73 | 21.86 | 21.70 | | |
| 20 | 16QAM | 1 | 1 | 21.86 | 21.83 | 21.74 | 23.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.79 | 21.85 | 21.64 | 23.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.84 | 21.76 | 21.73 | 23.5 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 21.85 | 21.80 | 21.75 | 23.5 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 21.77 | 21.83 | 21.67 | 23.5 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 21.83 | 21.75 | 21.67 | 23.5 | 0.0 |

## n7 Ant1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.75 | 17.84 | 17.83 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.77 | 17.80 | 17.96 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.81 | 17.84 | 17.84 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.76 | 17.92 | 17.89 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.78 | 17.90 | 17.79 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.59 | 17.72 | 17.84 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.64 | 17.69 | 17.77 | | |
| 20 | QPSK | 1 | 1 | 17.90 | 18.02 | 17.83 | 19.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.70 | 17.93 | 17.87 | | |
| 20 | QPSK | 1 | 104 | 17.78 | 17.78 | 17.88 | | |
| 20 | QPSK | 50 | 0 | 17.79 | 17.85 | 17.71 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.81 | 17.95 | 17.93 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.68 | 17.78 | 17.84 | 19.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.59 | 17.90 | 17.74 | | |
| 20 | 16QAM | 1 | 1 | 17.84 | 17.81 | 17.77 | 19.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.86 | 17.80 | 17.77 | 19.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.73 | 17.92 | 17.91 | 19.4 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.79 | 17.75 | 17.79 | 19.4 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.79 | 17.87 | 17.88 | 19.4 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.78 | 17.77 | 17.81 | 19.4 | 0.0 |

## n66 Ant1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.34 | 21.36 | 21.15 | 23.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.17 | 21.16 | 21.23 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.32 | 21.37 | 21.21 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.14 | 21.27 | 21.18 | 23.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.13 | 21.28 | 21.12 | 23.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.25 | 21.27 | 21.29 | 23.1 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.14 | 21.17 | 21.19 | | |
| 20 | QPSK | 1 | 1 | 21.28 | 21.40 | 21.35 | 23.1 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.30 | 21.21 | 21.30 | | |
| 20 | QPSK | 1 | 104 | 21.23 | 21.29 | 21.16 | | |
| 20 | QPSK | 50 | 0 | 21.16 | 21.25 | 21.11 | 23.1 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.19 | 21.38 | 21.25 | 23.1 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.24 | 21.18 | 21.11 | 23.1 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.28 | 21.40 | 21.31 | | |
| 20 | 16QAM | 1 | 1 | 21.22 | 21.36 | 21.20 | 23.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.13 | 21.36 | 21.23 | 23.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.21 | 21.33 | 21.23 | 23.1 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 21.28 | 21.31 | 21.07 | 23.1 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 21.29 | 21.31 | 21.16 | 23.1 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 21.41 | 21.29 | 21.10 | 23.1 | 0.0 |

## n38 Ant1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.40 | 17.40 | 17.44 | 18.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.43 | 17.32 | 17.44 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.45 | 17.44 | 17.20 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.37 | 17.43 | 17.41 | 18.9 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.37 | 17.42 | 17.26 | 18.9 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.37 | 17.38 | 17.30 | 18.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.28 | 17.43 | 17.42 | | |
| 20 | QPSK | 1 | 1 | 17.42 | 17.46 | 17.45 | 18.9 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.38 | 17.43 | 17.44 | | |
| 20 | QPSK | 1 | 49 | 17.36 | 17.43 | 17.42 | | |
| 20 | QPSK | 25 | 0 | 17.43 | 17.32 | 17.29 | 18.9 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.40 | 17.45 | 17.32 | 18.9 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.38 | 17.43 | 17.44 | 18.9 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.42 | 17.45 | 17.42 | | |
| 20 | 16QAM | 1 | 1 | 17.36 | 17.42 | 17.42 | 18.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.44 | 17.43 | 17.42 | 18.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.40 | 17.40 | 17.43 | 18.9 | 0.0 |

## PC2&3 n41 Ant1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.38 | 17.38 | 17.34 | 18.9 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.40 | 17.35 | 17.31 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.30 | 17.41 | 17.21 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.21 | 17.29 | 17.26 | 18.9 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.28 | 17.30 | 17.26 | 18.9 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.29 | 17.37 | 17.26 | 18.9 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.23 | 17.30 | 17.28 | | |
| 100 | QPSK | 1 | 1 | 17.30 | 17.48 | 17.27 | 18.9 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.33 | 17.47 | 17.34 | | |
| 100 | QPSK | 1 | 271 | 17.21 | 17.44 | 17.38 | | |
| 100 | QPSK | 135 | 0 | 17.37 | 17.26 | 17.36 | 18.9 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.21 | 17.50 | 17.23 | 18.9 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.39 | 17.33 | 17.40 | 18.9 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.24 | 17.39 | 17.21 | | |
| 100 | 16QAM | 1 | 1 | 17.29 | 17.35 | 17.37 | 18.9 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.34 | 17.35 | 17.27 | 18.9 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.37 | 17.47 | 17.41 | 18.9 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.00 | 17.14 | 17.14 | 18.9 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.13 | 17.01 | 17.01 | 18.9 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.13 | 17.09 | 17.15 | 18.9 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.01 | 17.12 | 17.02 | 18.9 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 16.94 | 17.08 | 16.94 | 18.9 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.11 | 17.30 | 17.23 | 18.9 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.01 | 17.03 | 17.00 | 18.9 | 0.0 |

## n5 Ant2 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.45 | 19.54 | 19.36 | 21.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 19.38 | 19.60 | 19.35 | | |
| 20 | PI/2 BPSK | 1 | 104 | 19.45 | 19.60 | 19.40 | | |
| 20 | PI/2 BPSK | 50 | 0 | 19.39 | 19.53 | 19.45 | 21.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 19.49 | 19.46 | 19.24 | 21.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 19.53 | 19.36 | 19.23 | 21.1 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 19.39 | 19.49 | 19.28 | | |
| 20 | QPSK | 1 | 1 | 19.58 | 19.66 | 19.48 | 21.1 | 0.0 |
| 20 | QPSK | 1 | 53 | 19.59 | 19.50 | 19.38 | | |
| 20 | QPSK | 1 | 104 | 19.53 | 19.46 | 19.23 | | |
| 20 | QPSK | 50 | 0 | 19.32 | 19.48 | 19.44 | 21.1 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.46 | 19.65 | 19.24 | 21.1 | 0.0 |
| 20 | QPSK | 50 | 56 | 19.36 | 19.49 | 19.27 | 21.1 | 0.0 |
| 20 | QPSK | 100 | 0 | 19.36 | 19.57 | 19.38 | | |
| 20 | 16QAM | 1 | 1 | 19.49 | 19.50 | 19.42 | 21.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.48 | 19.52 | 19.32 | 21.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.48 | 19.46 | 19.17 | 21.1 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 19.31 | 19.61 | 19.40 | 21.1 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 19.29 | 19.57 | 19.32 | 21.1 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 19.29 | 19.59 | 19.32 | 21.1 | 0.0 |

## n7 Ant5 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.28 | 14.19 | 14.20 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 14.33 | 14.16 | 14.29 | | |
| 20 | PI/2 BPSK | 1 | 104 | 14.32 | 14.18 | 14.24 | | |
| 20 | PI/2 BPSK | 50 | 0 | 14.16 | 14.17 | 14.20 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 14.35 | 14.26 | 14.15 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 14.22 | 14.31 | 14.32 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 14.26 | 14.23 | 14.16 | | |
| 20 | QPSK | 1 | 1 | 14.37 | 14.40 | 14.26 | 16.1 | 0.0 |
| 20 | QPSK | 1 | 53 | 14.18 | 14.17 | 14.29 | | |
| 20 | QPSK | 1 | 104 | 14.13 | 14.19 | 14.38 | | |
| 20 | QPSK | 50 | 0 | 14.26 | 14.12 | 14.17 | 16.1 | 0.0 |
| 20 | QPSK | 50 | 28 | 14.12 | 14.30 | 14.22 | 16.1 | 0.0 |
| 20 | QPSK | 50 | 56 | 14.05 | 14.05 | 14.14 | 16.1 | 0.0 |
| 20 | QPSK | 100 | 0 | 14.23 | 14.24 | 14.17 | | |
| 20 | 16QAM | 1 | 1 | 14.24 | 14.20 | 14.29 | 16.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.35 | 14.19 | 14.16 | 16.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.27 | 14.30 | 14.25 | 16.1 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 14.26 | 14.28 | 14.27 | 16.1 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 14.20 | 14.17 | 14.31 | 16.1 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 14.21 | 14.23 | 14.39 | 16.1 | 0.0 |

## n38 Ant5 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.24 | 14.19 | 14.26 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 14.32 | 14.27 | 14.37 | | |
| 20 | PI/2 BPSK | 1 | 49 | 14.26 | 14.45 | 14.27 | | |
| 20 | PI/2 BPSK | 25 | 0 | 14.34 | 14.33 | 14.12 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 14.15 | 14.22 | 14.37 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 14.16 | 14.31 | 14.38 | 16.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 14.39 | 14.41 | 14.19 | | |
| 20 | QPSK | 1 | 1 | 14.43 | 14.46 | 14.33 | 16.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 14.36 | 14.21 | 14.11 | | |
| 20 | QPSK | 1 | 49 | 14.17 | 14.38 | 14.30 | | |
| 20 | QPSK | 25 | 0 | 14.37 | 14.34 | 14.23 | 16.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 14.37 | 14.38 | 14.23 | 16.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 14.24 | 14.18 | 14.27 | 16.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 14.23 | 14.33 | 14.32 | | |
| 20 | 16QAM | 1 | 1 | 14.24 | 14.33 | 14.36 | 16.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.24 | 14.19 | 14.34 | 16.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.15 | 14.37 | 14.36 | 16.1 | 0.0 |

## PC2&3 n41 Ant5 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.95 | 13.89 | 13.76 | 15.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 13.81 | 13.99 | 13.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | 13.85 | 13.95 | 13.90 | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.96 | 13.92 | 13.86 | 15.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 13.83 | 13.94 | 13.80 | 15.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 13.97 | 13.86 | 13.88 | 15.7 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 13.80 | 14.01 | 13.92 | | |
| 100 | QPSK | 1 | 1 | 13.92 | 14.07 | 13.99 | 15.7 | 0.0 |
| 100 | QPSK | 1 | 137 | 13.90 | 13.95 | 13.87 | | |
| 100 | QPSK | 1 | 271 | 13.79 | 14.01 | 13.78 | | |
| 100 | QPSK | 135 | 0 | 14.02 | 13.92 | 13.78 | 15.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 13.91 | 14.05 | 13.89 | 15.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 13.79 | 13.95 | 13.94 | 15.7 | 0.0 |
| 100 | QPSK | 270 | 0 | 13.84 | 14.01 | 13.85 | | |
| 100 | 16QAM | 1 | 1 | 13.74 | 13.79 | 13.95 | 15.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 13.90 | 13.93 | 13.90 | 15.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 13.86 | 13.90 | 13.86 | 15.7 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 13.96 | 14.01 | 13.86 | 15.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 13.88 | 14.02 | 13.83 | 15.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 13.86 | 13.99 | 13.84 | 15.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 13.93 | 13.89 | 13.88 | 15.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 13.83 | 13.90 | 13.92 | 15.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 14.00 | 13.99 | 13.94 | 15.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 13.81 | 14.04 | 13.84 | 15.7 | 0.0 |

## n7 Ant6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 12.07 | 11.94 | 12.13 | 13.6 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 12.18 | 12.17 | 12.12 | | |
| 20 | PI/2 BPSK | 1 | 104 | 12.09 | 12.14 | 11.88 | | |
| 20 | PI/2 BPSK | 50 | 0 | 12.07 | 12.14 | 12.16 | 13.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 12.04 | 12.07 | 12.11 | 13.6 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 12.18 | 12.17 | 12.10 | 13.6 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 12.20 | 11.99 | 12.23 | | |
| 20 | QPSK | 1 | 1 | 12.25 | 12.26 | 12.14 | 13.6 | 0.0 |
| 20 | QPSK | 1 | 53 | 11.90 | 12.05 | 12.08 | | |
| 20 | QPSK | 1 | 104 | 12.03 | 12.06 | 12.06 | | |
| 20 | QPSK | 50 | 0 | 11.79 | 12.11 | 12.08 | 13.6 | 0.0 |
| 20 | QPSK | 50 | 28 | 12.13 | 12.25 | 12.05 | 13.6 | 0.0 |
| 20 | QPSK | 50 | 56 | 11.93 | 12.14 | 12.11 | 13.6 | 0.0 |
| 20 | QPSK | 100 | 0 | 12.12 | 12.18 | 12.12 | | |
| 20 | 16QAM | 1 | 1 | 12.10 | 12.20 | 11.78 | 13.6 | 0.0 |
| 20 | 64QAM | 1 | 1 | 12.08 | 11.94 | 11.85 | 13.6 | 0.0 |
| 20 | 256QAM | 1 | 1 | 11.89 | 11.98 | 12.10 | 13.6 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 12.15 | 12.13 | 12.09 | 13.6 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 12.07 | 12.09 | 12.11 | 13.6 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 12.10 | 12.13 | 12.07 | 13.6 | 0.0 |

## n66 Ant6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.07 | 15.89 | 15.84 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.09 | 15.91 | 16.02 | | |
| 20 | PI/2 BPSK | 1 | 104 | 15.90 | 16.14 | 15.78 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.96 | 16.00 | 16.03 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 15.86 | 16.09 | 15.83 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.93 | 16.07 | 16.01 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.03 | 16.04 | 16.08 | | |
| 20 | QPSK | 1 | 1 | 16.02 | 16.22 | 15.89 | 17.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.97 | 16.07 | 16.03 | | |
| 20 | QPSK | 1 | 104 | 16.03 | 16.14 | 15.97 | | |
| 20 | QPSK | 50 | 0 | 16.02 | 16.12 | 15.97 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.91 | 16.16 | 16.05 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.84 | 15.99 | 15.91 | 17.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.92 | 16.09 | 15.98 | | |
| 20 | 16QAM | 1 | 1 | 15.99 | 16.10 | 15.99 | 17.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.96 | 16.00 | 15.93 | 17.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.82 | 16.06 | 16.04 | 17.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 15.98 | 16.06 | 15.97 | 17.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 15.96 | 16.04 | 15.99 | 17.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 15.88 | 15.93 | 15.98 | 17.5 | 0.0 |

## n38 Ant6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 12.03 | 12.25 | 12.01 | 13.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 11.97 | 12.23 | 11.99 | | |
| 20 | PI/2 BPSK | 1 | 49 | 12.00 | 12.10 | 12.03 | | |
| 20 | PI/2 BPSK | 25 | 0 | 12.10 | 12.10 | 11.98 | 13.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 11.94 | 12.25 | 11.98 | 13.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 12.04 | 12.11 | 12.03 | 13.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 12.06 | 12.13 | 12.12 | | |
| 20 | QPSK | 1 | 1 | 12.12 | 12.27 | 12.15 | 13.8 | 0.0 |
| 20 | QPSK | 1 | 26 | 12.07 | 12.14 | 12.12 | | |
| 20 | QPSK | 1 | 49 | 12.07 | 12.25 | 12.06 | | |
| 20 | QPSK | 25 | 0 | 12.10 | 12.15 | 11.98 | 13.8 | 0.0 |
| 20 | QPSK | 25 | 13 | 12.00 | 12.20 | 12.11 | 13.8 | 0.0 |
| 20 | QPSK | 25 | 26 | 12.03 | 12.10 | 12.08 | 13.8 | 0.0 |
| 20 | QPSK | 50 | 0 | 11.96 | 12.19 | 12.13 | | |
| 20 | 16QAM | 1 | 1 | 12.06 | 12.21 | 11.98 | 13.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 12.02 | 12.23 | 11.97 | 13.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 12.04 | 12.22 | 12.01 | 13.8 | 0.0 |

## PC2&3 n41 Ant6 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 12.26 | 12.45 | 12.20 | 13.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 12.21 | 12.45 | 12.28 | | |
| 100 | PI/2 BPSK | 1 | 271 | 12.21 | 12.36 | 12.18 | | |
| 100 | PI/2 BPSK | 135 | 0 | 12.19 | 12.41 | 12.23 | 13.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 12.25 | 12.34 | 12.29 | 13.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 12.18 | 12.39 | 12.24 | 13.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 12.24 | 12.31 | 12.32 | | |
| 100 | QPSK | 1 | 1 | 12.32 | 12.47 | 12.36 | 13.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 12.22 | 12.37 | 12.19 | | |
| 100 | QPSK | 1 | 271 | 12.16 | 12.38 | 12.26 | | |
| 100 | QPSK | 135 | 0 | 12.23 | 12.36 | 12.29 | 13.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 12.24 | 12.39 | 12.30 | 13.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 12.22 | 12.34 | 12.28 | 13.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 12.23 | 12.37 | 12.28 | | |
| 100 | 16QAM | 1 | 1 | 12.29 | 12.38 | 12.32 | 13.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 12.23 | 12.41 | 12.19 | 13.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 12.21 | 12.30 | 12.24 | 13.8 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 12.29 | 12.43 | 12.31 | 13.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 12.27 | 12.35 | 12.31 | 13.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 12.21 | 12.36 | 12.24 | 13.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 12.19 | 12.37 | 12.28 | 13.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 12.19 | 12.32 | 12.32 | 13.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 12.30 | 12.33 | 12.43 | 13.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 12.22 | 12.41 | 12.33 | 13.8 | 0.0 |

## n38 Ant9 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.19 | 18.17 | 17.98 | 19.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 18.14 | 18.17 | 18.02 | | |
| 20 | PI/2 BPSK | 1 | 49 | 18.18 | 18.19 | 18.13 | | |
| 20 | PI/2 BPSK | 25 | 0 | 18.14 | 18.28 | 18.00 | 19.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 18.12 | 18.14 | 18.04 | 19.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 18.06 | 18.15 | 18.12 | 19.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 18.17 | 18.14 | 18.09 | | |
| 20 | QPSK | 1 | 1 | 18.21 | 18.31 | 18.15 | 19.8 | 0.0 |
| 20 | QPSK | 1 | 26 | 18.11 | 18.24 | 18.10 | | |
| 20 | QPSK | 1 | 49 | 18.07 | 18.13 | 18.03 | | |
| 20 | QPSK | 25 | 0 | 18.18 | 18.26 | 18.08 | 19.8 | 0.0 |
| 20 | QPSK | 25 | 13 | 18.08 | 18.20 | 18.07 | 19.8 | 0.0 |
| 20 | QPSK | 25 | 26 | 18.08 | 18.24 | 18.08 | 19.8 | 0.0 |
| 20 | QPSK | 50 | 0 | 18.16 | 18.24 | 17.97 | | |
| 20 | 16QAM | 1 | 1 | 18.10 | 18.19 | 18.08 | 19.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.06 | 18.26 | 18.05 | 19.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.08 | 18.20 | 18.05 | 19.8 | 0.0 |

## PC2&3 n41 Ant9 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.24 | 18.24 | 18.25 | 19.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.20 | 18.25 | 18.24 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.20 | 18.34 | 18.32 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.21 | 18.28 | 18.31 | 19.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.27 | 18.33 | 18.32 | 19.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.28 | 18.33 | 18.29 | 19.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.24 | 18.30 | 18.19 | | |
| 100 | QPSK | 1 | 1 | 18.37 | 18.38 | 18.36 | 19.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.23 | 18.28 | 18.25 | | |
| 100 | QPSK | 1 | 271 | 18.27 | 18.26 | 18.31 | | |
| 100 | QPSK | 135 | 0 | 18.22 | 18.24 | 18.20 | 19.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.26 | 18.31 | 18.21 | 19.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.29 | 18.21 | 18.28 | 19.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 18.24 | 18.35 | 18.21 | | |
| 100 | 16QAM | 1 | 1 | 18.21 | 18.36 | 18.21 | 19.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.33 | 18.31 | 18.32 | 19.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.26 | 18.25 | 18.25 | 19.8 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 18.25 | 18.32 | 18.33 | 19.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 18.25 | 18.34 | 18.19 | 19.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 18.35 | 18.20 | 18.31 | 19.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 18.23 | 18.35 | 18.20 | 19.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 18.20 | 18.30 | 18.25 | 19.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 18.33 | 18.36 | 18.20 | 19.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 18.24 | 18.26 | 18.18 | 19.8 | 0.0 |

## Reduced Power level for DSI 9

| n5 Ant0 DSI9 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.07 | 21.09 | 21.17 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.03 | 21.17 | 21.09 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.99 | 21.19 | 21.07 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.09 | 21.21 | 21.17 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.91 | 21.21 | 21.15 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.96 | 21.18 | 21.13 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.02 | 21.02 | 21.13 | | |
| 20 | QPSK | 1 | 1 | 21.10 | 21.23 | 21.17 | 22.8 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.00 | 21.13 | 21.03 | | |
| 20 | QPSK | 1 | 104 | 21.00 | 21.21 | 21.03 | | |
| 20 | QPSK | 50 | 0 | 21.10 | 21.09 | 21.06 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.88 | 21.16 | 21.13 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.07 | 21.10 | 21.09 | 22.8 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.03 | 21.12 | 21.11 | | |
| 20 | 16QAM | 1 | 1 | 21.08 | 21.09 | 21.10 | 22.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.05 | 21.01 | 20.96 | 22.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.98 | 21.20 | 21.13 | 22.8 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 20.98 | 21.07 | 21.07 | 22.8 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 20.97 | 21.21 | 21.17 | 22.8 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 20.98 | 21.13 | 20.97 | 22.8 | 0.0 |

## n7 Ant1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.22 | 17.27 | 17.35 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.35 | 17.36 | 17.42 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.33 | 17.31 | 17.36 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.22 | 17.41 | 17.39 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.29 | 17.35 | 17.35 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.14 | 17.29 | 17.33 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.19 | 17.23 | 17.27 | | |
| 20 | QPSK | 1 | 1 | 17.33 | 17.44 | 17.40 | 18.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.14 | 17.42 | 17.33 | | |
| 20 | QPSK | 1 | 104 | 17.21 | 17.29 | 17.31 | | |
| 20 | QPSK | 50 | 0 | 17.35 | 17.27 | 17.23 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.28 | 17.42 | 17.36 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.25 | 17.34 | 17.34 | 18.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.16 | 17.37 | 17.29 | | |
| 20 | 16QAM | 1 | 1 | 17.32 | 17.35 | 17.31 | 18.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.31 | 17.29 | 17.25 | 18.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.30 | 17.34 | 17.37 | 18.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.21 | 17.34 | 17.37 | 18.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.19 | 17.29 | 17.43 | 18.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.28 | 17.41 | 17.40 | 18.7 | 0.0 |

## n66 Ant1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.14 | 17.32 | 17.19 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.13 | 17.36 | 17.28 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.13 | 17.36 | 17.28 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.12 | 17.41 | 17.28 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.12 | 17.34 | 17.21 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.18 | 17.40 | 17.18 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.18 | 17.31 | 17.22 | | |
| 20 | QPSK | 1 | 1 | 17.27 | 17.44 | 17.34 | 19.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.13 | 17.40 | 17.28 | | |
| 20 | QPSK | 1 | 104 | 17.24 | 17.37 | 17.25 | | |
| 20 | QPSK | 50 | 0 | 17.19 | 17.33 | 17.20 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.22 | 17.41 | 17.23 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.20 | 17.36 | 17.30 | 19.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.12 | 17.40 | 17.30 | | |
| 20 | 16QAM | 1 | 1 | 17.19 | 17.26 | 17.18 | 19.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.15 | 17.34 | 17.30 | 19.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.25 | 17.35 | 17.19 | 19.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 17.23 | 17.34 | 17.17 | 19.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 17.14 | 17.30 | 17.32 | 19.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 17.17 | 17.40 | 17.19 | 19.0 | 0.0 |

## n38 Ant1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.38 | 16.39 | 16.46 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 16.33 | 16.53 | 16.31 | | |
| 20 | PI/2 BPSK | 1 | 49 | 16.30 | 16.44 | 16.35 | | |
| 20 | PI/2 BPSK | 25 | 0 | 16.31 | 16.49 | 16.41 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 16.32 | 16.42 | 16.34 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 16.44 | 16.41 | 16.35 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 16.45 | 16.64 | 16.32 | | |
| 20 | QPSK | 1 | 1 | 16.59 | 16.68 | 16.49 | 18.0 | 0.0 |
| 20 | QPSK | 1 | 26 | 16.43 | 16.53 | 16.31 | | |
| 20 | QPSK | 1 | 49 | 16.43 | 16.57 | 16.34 | | |
| 20 | QPSK | 25 | 0 | 16.34 | 16.49 | 16.31 | 18.0 | 0.0 |
| 20 | QPSK | 25 | 13 | 16.29 | 16.55 | 16.27 | 18.0 | 0.0 |
| 20 | QPSK | 25 | 26 | 16.43 | 16.48 | 16.45 | 18.0 | 0.0 |
| 20 | QPSK | 50 | 0 | 16.40 | 16.48 | 16.34 | | |
| 20 | 16QAM | 1 | 1 | 16.41 | 16.40 | 16.29 | 18.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.37 | 16.38 | 16.48 | 18.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.41 | 16.60 | 16.33 | 18.0 | 0.0 |

## PC2&3 n41 Ant1 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.41 | 16.60 | 16.42 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.38 | 16.58 | 16.42 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.46 | 16.59 | 16.36 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.42 | 16.57 | 16.39 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.41 | 16.67 | 16.37 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.50 | 16.54 | 16.41 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.36 | 16.67 | 16.39 | | |
| 100 | QPSK | 1 | 1 | 16.54 | 16.70 | 16.53 | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.47 | 16.61 | 16.45 | | |
| 100 | QPSK | 1 | 271 | 16.40 | 16.68 | 16.51 | | |
| 100 | QPSK | 135 | 0 | 16.39 | 16.66 | 16.47 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.43 | 16.67 | 16.45 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.42 | 16.55 | 16.37 | 18.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.37 | 16.59 | 16.50 | | |
| 100 | 16QAM | 1 | 1 | 16.39 | 16.53 | 16.49 | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.38 | 16.64 | 16.43 | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.36 | 16.53 | 16.35 | 18.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 16.52 | 16.63 | 16.41 | 18.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 16.45 | 16.53 | 16.40 | 18.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 16.40 | 16.55 | 16.38 | 18.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 16.44 | 16.62 | 16.47 | 18.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 16.37 | 16.67 | 16.36 | 18.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 16.55 | 16.70 | 16.38 | 18.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 16.50 | 16.65 | 16.48 | 18.0 | 0.0 |

# n5 Ant2 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.84 | 20.90 | 20.83 | 22.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.82 | 20.87 | 20.77 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.78 | 20.79 | 20.79 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.88 | 20.91 | 20.81 | 22.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.86 | 20.82 | 20.77 | 22.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 20.88 | 20.80 | 20.85 | 22.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.86 | 20.78 | 20.85 | | |
| 20 | QPSK | 1 | 1 | 20.85 | 20.93 | 20.88 | 22.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.80 | 20.86 | 20.82 | | |
| 20 | QPSK | 1 | 104 | 20.82 | 20.80 | 20.80 | | |
| 20 | QPSK | 50 | 0 | 20.87 | 20.85 | 20.82 | 22.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.84 | 20.85 | 20.80 | 22.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 20.83 | 20.76 | 20.77 | 22.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.80 | 20.87 | 20.84 | | |
| 20 | 16QAM | 1 | 1 | 20.81 | 20.90 | 20.77 | 22.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.77 | 20.80 | 20.86 | 22.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.84 | 20.82 | 22.5 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 20.75 | 20.85 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 20.86 | 20.85 | 20.79 | 22.5 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 20.76 | 20.85 | 20.79 | 22.5 | 0.0 |

## n7 Ant5 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.64 | 16.64 | 16.59 | 18.3 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.74 | 16.71 | 16.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.63 | 16.73 | 16.59 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.64 | 16.73 | 16.50 | 18.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.63 | 16.71 | 16.54 | 18.3 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 16.69 | 16.66 | 16.62 | 18.3 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.74 | 16.73 | 16.58 | | |
| 20 | QPSK | 1 | 1 | 16.72 | 16.75 | 16.62 | 18.3 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.68 | 16.63 | 16.50 | | |
| 20 | QPSK | 1 | 104 | 16.62 | 16.66 | 16.65 | | |
| 20 | QPSK | 50 | 0 | 16.66 | 16.71 | 16.56 | 18.3 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.72 | 16.73 | 16.54 | 18.3 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.72 | 16.71 | 16.54 | 18.3 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.63 | 16.70 | 16.50 | | |
| 20 | 16QAM | 1 | 1 | 16.64 | 16.66 | 16.59 | 18.3 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.62 | 16.65 | 16.59 | 18.3 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.63 | 16.64 | 16.51 | 18.3 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 16.69 | 16.62 | 16.51 | 18.3 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 16.71 | 16.71 | 16.58 | 18.3 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 16.64 | 16.66 | 16.56 | 18.3 | 0.0 |

## n38 Ant5 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.11 | 17.19 | 17.18 | 18.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.09 | 17.26 | 17.06 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.09 | 17.18 | 17.07 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.23 | 17.25 | 17.14 | 18.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.13 | 17.18 | 17.08 | 18.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.19 | 17.25 | 17.04 | 18.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.16 | 17.23 | 17.04 | | |
| 20 | QPSK | 1 | 1 | 17.22 | 17.28 | 17.16 | 18.8 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.22 | 17.27 | 17.08 | | |
| 20 | QPSK | 1 | 49 | 17.10 | 17.22 | 17.09 | | |
| 20 | QPSK | 25 | 0 | 17.22 | 17.18 | 17.10 | 18.8 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.13 | 17.27 | 17.03 | 18.8 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.17 | 17.24 | 17.09 | 18.8 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.22 | 17.24 | 17.13 | | |
| 20 | 16QAM | 1 | 1 | 17.11 | 17.22 | 17.11 | 18.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.09 | 17.24 | 17.10 | 18.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.10 | 17.20 | 17.12 | 18.8 | 0.0 |

## PC2&3 n41 Ant5 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.20 | 17.31 | 17.19 | 18.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.26 | 17.24 | 17.13 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.14 | 17.24 | 17.14 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.22 | 17.25 | 17.24 | 18.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.21 | 17.27 | 17.11 | 18.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.17 | 17.31 | 17.19 | 18.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.25 | 17.30 | 17.16 | | |
| 100 | QPSK | 1 | 1 | 17.24 | 17.37 | 17.22 | 18.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.20 | 17.22 | 17.21 | | |
| 100 | QPSK | 1 | 271 | 17.25 | 17.24 | 17.17 | | |
| 100 | QPSK | 135 | 0 | 17.22 | 17.26 | 17.17 | 18.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.11 | 17.32 | 17.24 | 18.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.18 | 17.23 | 17.12 | 18.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.16 | 17.30 | 17.14 | | |
| 100 | 16QAM | 1 | 1 | 17.19 | 17.26 | 17.23 | 18.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.23 | 17.28 | 17.22 | 18.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.18 | 17.26 | 17.25 | 18.8 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.19 | 17.21 | 17.21 | 18.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.16 | 17.25 | 17.23 | 18.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.21 | 17.25 | 17.21 | 18.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.11 | 17.24 | 17.21 | 18.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.19 | 17.26 | 17.16 | 18.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.22 | 17.29 | 17.20 | 18.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.12 | 17.34 | 17.23 | 18.8 | 0.0 |

## n7 Ant6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.93 | 15.03 | 14.86 | 16.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 14.93 | 14.97 | 14.84 | | |
| 20 | PI/2 BPSK | 1 | 104 | 14.89 | 15.04 | 14.95 | | |
| 20 | PI/2 BPSK | 50 | 0 | 14.87 | 15.00 | 14.86 | 16.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 14.96 | 15.03 | 14.99 | 16.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 14.95 | 15.00 | 14.91 | 16.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 14.96 | 14.95 | 14.92 | | |
| 20 | QPSK | 1 | 1 | 14.96 | 15.09 | 15.01 | 16.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 14.95 | 15.02 | 14.95 | | |
| 20 | QPSK | 1 | 104 | 14.86 | 15.00 | 14.94 | | |
| 20 | QPSK | 50 | 0 | 14.80 | 15.02 | 15.00 | 16.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 14.88 | 15.05 | 15.00 | 16.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 14.90 | 14.98 | 14.82 | 16.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.00 | 15.03 | 14.91 | | |
| 20 | 16QAM | 1 | 1 | 14.94 | 15.02 | 14.90 | 16.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.95 | 15.01 | 14.90 | 16.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.88 | 15.07 | 14.97 | 16.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 14.90 | 15.06 | 14.88 | 16.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 14.83 | 14.99 | 14.90 | 16.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 14.88 | 15.01 | 14.90 | 16.2 | 0.0 |

## n66 Ant6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.82 | 18.89 | 18.78 | 20.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.85 | 18.83 | 18.77 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.81 | 18.87 | 18.75 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.76 | 18.79 | 18.80 | 20.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.87 | 18.86 | 18.80 | 20.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.79 | 18.82 | 18.67 | 20.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.76 | 18.87 | 18.67 | | |
| 20 | QPSK | 1 | 1 | 18.85 | 18.91 | 18.79 | 20.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.82 | 18.90 | 18.76 | | |
| 20 | QPSK | 1 | 104 | 18.80 | 18.82 | 18.79 | | |
| 20 | QPSK | 50 | 0 | 18.75 | 18.85 | 18.73 | 20.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.80 | 18.90 | 18.75 | 20.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.81 | 18.89 | 18.81 | 20.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.80 | 18.87 | 18.70 | | |
| 20 | 16QAM | 1 | 1 | 18.82 | 18.90 | 18.75 | 20.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.79 | 18.89 | 18.68 | 20.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.85 | 18.78 | 18.67 | 20.2 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 18.75 | 18.82 | 18.77 | 20.2 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 18.72 | 18.80 | 18.71 | 20.2 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 18.85 | 18.86 | 18.77 | 20.2 | 0.0 |

## n38 Ant6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 14.58 | 14.71 | 14.64 | 16.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 14.60 | 14.63 | 14.53 | | |
| 20 | PI/2 BPSK | 1 | 49 | 14.72 | 14.75 | 14.58 | | |
| 20 | PI/2 BPSK | 25 | 0 | 14.66 | 14.69 | 14.66 | 16.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 14.67 | 14.71 | 14.61 | 16.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 14.58 | 14.64 | 14.63 | 16.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 14.66 | 14.69 | 14.58 | | |
| 20 | QPSK | 1 | 1 | 14.71 | 14.76 | 14.64 | 16.4 | 0.0 |
| 20 | QPSK | 1 | 26 | 14.74 | 14.68 | 14.64 | | |
| 20 | QPSK | 1 | 49 | 14.61 | 14.72 | 14.66 | | |
| 20 | QPSK | 25 | 0 | 14.71 | 14.68 | 14.59 | 16.4 | 0.0 |
| 20 | QPSK | 25 | 13 | 14.71 | 14.72 | 14.66 | 16.4 | 0.0 |
| 20 | QPSK | 25 | 26 | 14.63 | 14.66 | 14.56 | 16.4 | 0.0 |
| 20 | QPSK | 50 | 0 | 14.59 | 14.68 | 14.61 | | |
| 20 | 16QAM | 1 | 1 | 14.63 | 14.75 | 14.67 | 16.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 14.69 | 14.64 | 14.63 | 16.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.74 | 14.68 | 14.62 | 16.4 | 0.0 |

## PC2&3 n41 Ant6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.86 | 14.96 | 14.78 | 16.4 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 14.87 | 14.96 | 14.79 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.87 | 14.91 | 14.91 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.89 | 14.91 | 14.92 | 16.4 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.95 | 14.89 | 14.84 | 16.4 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.85 | 14.98 | 14.88 | 16.4 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.94 | 14.99 | 14.85 | | |
| 100 | QPSK | 1 | 1 | 14.93 | 15.00 | 14.90 | 16.4 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.86 | 14.98 | 14.86 | | |
| 100 | QPSK | 1 | 271 | 14.92 | 14.96 | 14.89 | | |
| 100 | QPSK | 135 | 0 | 14.89 | 14.92 | 14.89 | 16.4 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.84 | 14.95 | 14.78 | 16.4 | 0.0 |
| 100 | QPSK | 135 | 138 | 14.80 | 14.91 | 14.80 | 16.4 | 0.0 |
| 100 | QPSK | 270 | 0 | 14.86 | 14.99 | 14.81 | | |
| 100 | 16QAM | 1 | 1 | 14.83 | 14.89 | 14.92 | 16.4 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.96 | 14.96 | 14.86 | 16.4 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.82 | 14.90 | 14.90 | 16.4 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 14.81 | 14.91 | 14.78 | 16.4 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 14.95 | 14.89 | 14.85 | 16.4 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 14.82 | 14.88 | 14.87 | 16.4 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 14.82 | 14.89 | 14.81 | 16.4 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 14.93 | 14.97 | 14.86 | 16.4 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 14.90 | 14.88 | 14.86 | 16.4 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 14.84 | 14.91 | 14.86 | 16.4 | 0.0 |

## n38 Ant9 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.73 | 18.76 | 18.69 | 20.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 18.59 | 18.71 | 18.67 | | |
| 20 | PI/2 BPSK | 1 | 49 | 18.66 | 18.70 | 18.67 | | |
| 20 | PI/2 BPSK | 25 | 0 | 18.71 | 18.73 | 18.63 | 20.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 18.61 | 18.71 | 18.69 | 20.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 18.66 | 18.76 | 18.75 | 20.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 18.73 | 18.76 | 18.65 | | |
| 20 | QPSK | 1 | 1 | 18.70 | 18.82 | 18.73 | 20.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 18.71 | 18.77 | 18.69 | | |
| 20 | QPSK | 1 | 49 | 18.66 | 18.70 | 18.62 | | |
| 20 | QPSK | 25 | 0 | 18.59 | 18.81 | 18.73 | 20.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 18.69 | 18.79 | 18.72 | 20.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 18.61 | 18.80 | 18.70 | 20.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 18.65 | 18.79 | 18.61 | | |
| 20 | 16QAM | 1 | 1 | 18.63 | 18.75 | 18.73 | 20.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.69 | 18.79 | 18.74 | 20.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.64 | 18.72 | 18.71 | 20.1 | 0.0 |

## PC3&2 n41 Ant6 DSI9

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.91 | 18.86 | 18.74 | 20.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.91 | 18.87 | 18.85 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.97 | 18.94 | 18.81 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.92 | 18.92 | 18.77 | 20.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.92 | 18.95 | 18.77 | 20.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.86 | 18.88 | 18.85 | 20.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.83 | 18.87 | 18.79 | | |
| 100 | QPSK | 1 | 1 | 18.84 | 18.98 | 18.78 | 20.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.87 | 18.85 | 18.86 | | |
| 100 | QPSK | 1 | 271 | 18.83 | 18.91 | 18.84 | | |
| 100 | QPSK | 135 | 0 | 18.93 | 18.89 | 18.87 | 20.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.85 | 18.97 | 18.90 | 20.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.91 | 18.86 | 18.77 | 20.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 18.84 | 18.95 | 18.76 | | |
| 100 | 16QAM | 1 | 1 | 18.96 | 18.93 | 18.88 | 20.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.90 | 18.96 | 18.84 | 20.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.92 | 18.89 | 18.80 | 20.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 18.85 | 18.87 | 18.87 | 20.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 18.85 | 18.95 | 18.81 | 20.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 18.90 | 18.89 | 18.84 | 20.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 18.85 | 18.94 | 18.87 | 20.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 18.94 | 18.92 | 18.77 | 20.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 18.90 | 18.88 | 18.92 | 20.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 18.86 | 18.96 | 18.82 | 20.1 | 0.0 |

## Reduced Power level for DSI11

| n5 Ant0 DSI11 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.73 | 21.79 | 21.76 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.77 | 21.84 | 21.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.79 | 21.79 | 21.65 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.73 | 21.82 | 21.73 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.86 | 21.87 | 21.78 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.79 | 21.81 | 21.65 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.72 | 21.87 | 21.75 | | |
| 20 | QPSK | 1 | 1 | 21.84 | 21.91 | 21.76 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.72 | 21.81 | 21.75 | | |
| 20 | QPSK | 1 | 104 | 21.81 | 21.85 | 21.75 | | |
| 20 | QPSK | 50 | 0 | 21.81 | 21.83 | 21.76 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.73 | 21.89 | 21.78 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.76 | 21.78 | 21.77 | 23.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.73 | 21.86 | 21.70 | | |
| 20 | 16QAM | 1 | 1 | 21.86 | 21.83 | 21.74 | 23.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.79 | 21.85 | 21.64 | 23.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.84 | 21.76 | 21.73 | 23.5 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 21.85 | 21.80 | 21.75 | 23.5 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 21.77 | 21.83 | 21.67 | 23.5 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 21.83 | 21.75 | 21.67 | 23.5 | 0.0 |

## n7 Ant1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.75 | 17.84 | 17.83 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.77 | 17.80 | 17.96 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.81 | 17.84 | 17.84 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.76 | 17.92 | 17.89 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.78 | 17.90 | 17.79 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.59 | 17.72 | 17.84 | 19.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.64 | 17.69 | 17.77 | | |
| 20 | QPSK | 1 | 1 | 17.90 | 18.02 | 17.83 | 19.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.70 | 17.93 | 17.87 | | |
| 20 | QPSK | 1 | 104 | 17.78 | 17.78 | 17.88 | | |
| 20 | QPSK | 50 | 0 | 17.79 | 17.85 | 17.71 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.81 | 17.95 | 17.93 | 19.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.68 | 17.78 | 17.84 | 19.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.59 | 17.90 | 17.74 | | |
| 20 | 16QAM | 1 | 1 | 17.84 | 17.81 | 17.77 | 19.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.86 | 17.80 | 17.77 | 19.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.73 | 17.92 | 17.91 | 19.4 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.79 | 17.75 | 17.79 | 19.4 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.79 | 17.87 | 17.88 | 19.4 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.78 | 17.77 | 17.81 | 19.4 | 0.0 |

## n66 Ant1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.93 | 17.92 | 17.84 | 19.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.98 | 18.00 | 17.80 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.96 | 17.95 | 17.94 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.01 | 17.95 | 17.91 | 19.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.95 | 17.91 | 17.88 | 19.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.01 | 18.03 | 17.85 | 19.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.90 | 18.01 | 17.85 | | |
| 20 | QPSK | 1 | 1 | 17.99 | 18.06 | 17.92 | 19.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.94 | 17.96 | 17.80 | | |
| 20 | QPSK | 1 | 104 | 17.91 | 18.05 | 17.79 | | |
| 20 | QPSK | 50 | 0 | 17.88 | 17.96 | 17.82 | 19.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.97 | 18.05 | 17.94 | 19.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.91 | 17.95 | 17.83 | 19.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.90 | 18.00 | 17.84 | | |
| 20 | 16QAM | 1 | 1 | 17.93 | 18.00 | 17.91 | 19.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.90 | 18.05 | 17.79 | 19.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.93 | 17.91 | 17.88 | 19.7 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 17.99 | 17.93 | 17.90 | 19.7 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 17.89 | 18.02 | 17.85 | 19.7 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 17.88 | 18.05 | 17.80 | 19.7 | 0.0 |

## n38 Ant1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.17 | 17.22 | 17.15 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.17 | 17.17 | 17.26 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.10 | 17.19 | 17.17 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.12 | 17.24 | 17.22 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.11 | 17.21 | 17.15 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.14 | 17.25 | 17.20 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.12 | 17.16 | 17.22 | | |
| 20 | QPSK | 1 | 1 | 17.20 | 17.28 | 17.26 | 18.7 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.17 | 17.18 | 17.20 | | |
| 20 | QPSK | 1 | 49 | 17.18 | 17.21 | 17.20 | | |
| 20 | QPSK | 25 | 0 | 17.19 | 17.22 | 17.13 | 18.7 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.17 | 17.26 | 17.19 | 18.7 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.10 | 17.19 | 17.21 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.17 | 17.25 | 17.23 | | |
| 20 | 16QAM | 1 | 1 | 17.17 | 17.16 | 17.27 | 18.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.09 | 17.16 | 17.22 | 18.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.07 | 17.18 | 17.11 | 18.7 | 0.0 |

## PC2&3 n41 Ant1 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.20 | 17.29 | 17.21 | 18.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.21 | 17.32 | 17.20 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.19 | 17.24 | 17.23 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.14 | 17.21 | 17.13 | 18.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.13 | 17.25 | 17.21 | 18.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.18 | 17.21 | 17.20 | 18.7 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.24 | 17.23 | 17.13 | | |
| 100 | QPSK | 1 | 1 | 17.25 | 17.34 | 17.23 | 18.7 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.24 | 17.25 | 17.11 | | |
| 100 | QPSK | 1 | 271 | 17.19 | 17.25 | 17.15 | | |
| 100 | QPSK | 135 | 0 | 17.12 | 17.29 | 17.22 | 18.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.21 | 17.32 | 17.23 | 18.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.19 | 17.29 | 17.13 | 18.7 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.21 | 17.29 | 17.19 | | |
| 100 | 16QAM | 1 | 1 | 17.25 | 17.23 | 17.10 | 18.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.19 | 17.32 | 17.14 | 18.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.15 | 17.29 | 17.13 | 18.7 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.14 | 17.24 | 17.19 | 18.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.14 | 17.28 | 17.11 | 18.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.23 | 17.24 | 17.15 | 18.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.18 | 17.23 | 17.19 | 18.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.21 | 17.33 | 17.16 | 18.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.26 | 17.30 | 17.34 | 18.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.16 | 17.22 | 17.24 | 18.7 | 0.0 |

# n5 Ant2 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.33 | 21.37 | 21.26 | 23.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.30 | 21.39 | 21.27 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.30 | 21.41 | 21.31 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.27 | 21.43 | 21.24 | 23.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.33 | 21.36 | 21.28 | 23.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.35 | 21.37 | 21.27 | 23.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.32 | 21.45 | 21.29 | | |
| 20 | QPSK | 1 | 1 | 21.41 | 21.50 | 21.37 | 23.2 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.34 | 21.44 | 21.26 | | |
| 20 | QPSK | 1 | 104 | 21.30 | 21.36 | 21.29 | | |
| 20 | QPSK | 50 | 0 | 21.35 | 21.44 | 21.30 | 23.2 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.35 | 21.42 | 21.30 | 23.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.34 | 21.43 | 21.31 | 23.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.29 | 21.38 | 21.24 | | |
| 20 | 16QAM | 1 | 1 | 21.32 | 21.37 | 21.28 | 23.2 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.31 | 21.43 | 21.26 | 23.2 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.31 | 21.37 | 21.22 | 23.2 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.31 | 21.35 | 21.29 | 23.2 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.28 | 21.35 | 21.24 | 23.2 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.31 | 21.37 | 21.31 | 23.2 | 0.0 |

## n7 Ant5 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.21 | 17.31 | 17.17 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.26 | 17.31 | 17.25 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.26 | 17.28 | 17.23 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.28 | 17.31 | 17.24 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.20 | 17.25 | 17.25 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.26 | 17.32 | 17.21 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.26 | 17.29 | 17.16 | | |
| 20 | QPSK | 1 | 1 | 17.32 | 17.37 | 17.28 | 19.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.22 | 17.28 | 17.19 | | |
| 20 | QPSK | 1 | 104 | 17.29 | 17.29 | 17.25 | | |
| 20 | QPSK | 50 | 0 | 17.24 | 17.27 | 17.23 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.28 | 17.30 | 17.25 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.22 | 17.29 | 17.20 | 19.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.25 | 17.28 | 17.18 | | |
| 20 | 16QAM | 1 | 1 | 17.21 | 17.30 | 17.16 | 19.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.20 | 17.31 | 17.25 | 19.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.25 | 17.31 | 17.25 | 19.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 17.27 | 17.28 | 17.21 | 19.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 17.21 | 17.26 | 17.17 | 19.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 17.22 | 17.30 | 17.26 | 19.0 | 0.0 |

## n38 Ant5 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.65 | 17.77 | 17.67 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.68 | 17.75 | 17.64 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.68 | 17.75 | 17.64 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.66 | 17.71 | 17.64 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.71 | 17.76 | 17.69 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.70 | 17.71 | 17.68 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.72 | 17.74 | 17.70 | | |
| 20 | QPSK | 1 | 1 | 17.76 | 17.81 | 17.76 | 19.5 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.66 | 17.71 | 17.73 | | |
| 20 | QPSK | 1 | 49 | 17.73 | 17.73 | 17.68 | | |
| 20 | QPSK | 25 | 0 | 17.70 | 17.70 | 17.66 | 19.5 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.65 | 17.75 | 17.74 | 19.5 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.72 | 17.74 | 17.67 | 19.5 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.70 | 17.73 | 17.68 | | |
| 20 | 16QAM | 1 | 1 | 17.73 | 17.70 | 17.67 | 19.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.72 | 17.73 | 17.73 | 19.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.68 | 17.79 | 17.71 | 19.5 | 0.0 |

## PC2&3 n41 Ant5 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.77 | 17.82 | 17.75 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.79 | 17.86 | 17.69 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.83 | 17.85 | 17.67 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.75 | 17.82 | 17.67 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.79 | 17.85 | 17.75 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.74 | 17.87 | 17.72 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.74 | 17.85 | 17.69 | | |
| 100 | QPSK | 1 | 1 | 17.86 | 17.90 | 17.78 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.83 | 17.83 | 17.73 | | |
| 100 | QPSK | 1 | 271 | 17.76 | 17.87 | 17.71 | | |
| 100 | QPSK | 135 | 0 | 17.77 | 17.82 | 17.69 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.79 | 17.87 | 17.66 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.78 | 17.78 | 17.72 | 19.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.80 | 17.83 | 17.74 | | |
| 100 | 16QAM | 1 | 1 | 17.83 | 17.87 | 17.73 | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.76 | 17.78 | 17.71 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.83 | 17.83 | 17.69 | 19.5 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.84 | 17.81 | 17.70 | 19.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.84 | 17.85 | 17.74 | 19.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.74 | 17.84 | 17.75 | 19.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.76 | 17.85 | 17.68 | 19.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.82 | 17.83 | 17.67 | 19.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.88 | 17.90 | 17.76 | 19.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.83 | 17.82 | 17.72 | 19.5 | 0.0 |

## n7 Ant6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 15.46 | 15.53 | 15.37 | 16.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 15.44 | 15.50 | 15.37 | | |
| 20 | PI/2 BPSK | 1 | 104 | 15.47 | 15.48 | 15.43 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.40 | 15.45 | 15.36 | 16.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 15.44 | 15.48 | 15.40 | 16.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.45 | 15.48 | 15.42 | 16.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.40 | 15.46 | 15.36 | | |
| 20 | QPSK | 1 | 1 | 15.54 | 15.60 | 15.48 | 16.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.41 | 15.46 | 15.40 | | |
| 20 | QPSK | 1 | 104 | 15.42 | 15.48 | 15.41 | | |
| 20 | QPSK | 50 | 0 | 15.48 | 15.50 | 15.40 | 16.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.49 | 15.53 | 15.40 | 16.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.42 | 15.50 | 15.34 | 16.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.49 | 15.52 | 15.39 | | |
| 20 | 16QAM | 1 | 1 | 15.45 | 15.53 | 15.40 | 16.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.46 | 15.53 | 15.33 | 16.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.45 | 15.53 | 15.38 | 16.9 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 15.40 | 15.52 | 15.42 | 16.9 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 15.45 | 15.52 | 15.38 | 16.9 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 15.44 | 15.46 | 15.41 | 16.9 | 0.0 |

## n66 Ant6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.37 | 19.45 | 19.35 | 20.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 19.38 | 19.47 | 19.35 | | |
| 20 | PI/2 BPSK | 1 | 104 | 19.37 | 19.45 | 19.35 | | |
| 20 | PI/2 BPSK | 50 | 0 | 19.37 | 19.47 | 19.35 | 20.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 19.38 | 19.46 | 19.36 | 20.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 19.36 | 19.45 | 19.34 | 20.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 19.37 | 19.46 | 19.36 | | |
| 20 | QPSK | 1 | 1 | 19.47 | 19.56 | 19.45 | 20.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 19.36 | 19.47 | 19.35 | | |
| 20 | QPSK | 1 | 104 | 19.37 | 19.46 | 19.34 | | |
| 20 | QPSK | 50 | 0 | 19.37 | 19.46 | 19.35 | 20.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.37 | 19.47 | 19.35 | 20.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 19.38 | 19.46 | 19.35 | 20.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 19.38 | 19.46 | 19.35 | | |
| 20 | 16QAM | 1 | 1 | 19.37 | 19.45 | 19.36 | 20.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.36 | 19.46 | 19.35 | 20.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.38 | 19.46 | 19.36 | 20.9 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 19.37 | 19.46 | 19.35 | 20.9 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 19.37 | 19.46 | 19.34 | 20.9 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 19.36 | 19.46 | 19.34 | 20.9 | 0.0 |

## n38 Ant6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 15.26 | 15.35 | 15.24 | 17.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 15.25 | 15.34 | 15.23 | | |
| 20 | PI/2 BPSK | 1 | 49 | 15.25 | 15.36 | 15.25 | | |
| 20 | PI/2 BPSK | 25 | 0 | 15.26 | 15.36 | 15.25 | 17.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 15.24 | 15.35 | 15.24 | 17.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 15.26 | 15.36 | 15.23 | 17.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 15.25 | 15.34 | 15.24 | | |
| 20 | QPSK | 1 | 1 | 15.30 | 15.40 | 15.29 | 17.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 15.25 | 15.36 | 15.23 | | |
| 20 | QPSK | 1 | 49 | 15.26 | 15.35 | 15.25 | | |
| 20 | QPSK | 25 | 0 | 15.25 | 15.34 | 15.24 | 17.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 15.26 | 15.36 | 15.24 | 17.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 15.26 | 15.34 | 15.25 | 17.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 15.25 | 15.35 | 15.24 | | |
| 20 | 16QAM | 1 | 1 | 15.25 | 15.35 | 15.24 | 17.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.11 | 15.22 | 15.24 | 17.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.18 | 15.36 | 15.24 | 17.1 | 0.0 |

## PC2&3 n41 Ant6 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.17 | 15.34 | 15.36 | 17.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 15.18 | 15.48 | 15.53 | | |
| 100 | PI/2 BPSK | 1 | 271 | 15.12 | 15.41 | 15.47 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.30 | 15.48 | 15.34 | 17.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.14 | 15.35 | 15.34 | 17.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.23 | 15.40 | 15.36 | 17.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.23 | 15.34 | 15.33 | | |
| 100 | QPSK | 1 | 1 | 15.34 | 15.54 | 15.52 | 17.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 15.22 | 15.51 | 15.37 | | |
| 100 | QPSK | 1 | 271 | 15.15 | 15.32 | 15.38 | | |
| 100 | QPSK | 135 | 0 | 15.21 | 15.40 | 15.32 | 17.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.29 | 15.44 | 15.40 | 17.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.28 | 15.42 | 15.14 | 17.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 15.20 | 15.40 | 15.39 | | |
| 100 | 16QAM | 1 | 1 | 15.20 | 15.36 | 15.50 | 17.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.14 | 15.51 | 15.40 | 17.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.24 | 15.39 | 15.45 | 17.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 15.27 | 15.48 | 15.41 | 17.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 15.35 | 15.37 | 15.34 | 17.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 15.12 | 15.53 | 15.50 | 17.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 15.36 | 15.50 | 15.47 | 17.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 15.31 | 15.49 | 15.49 | 17.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 15.33 | 15.43 | 15.50 | 17.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 15.21 | 15.53 | 15.43 | 17.1 | 0.0 |

## n38 Ant9 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.17 | 19.20 | 18.98 | 20.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 19.10 | 19.21 | 19.20 | | |
| 20 | PI/2 BPSK | 1 | 49 | 19.15 | 19.20 | 19.07 | | |
| 20 | PI/2 BPSK | 25 | 0 | 19.06 | 19.19 | 19.09 | 20.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 19.20 | 19.23 | 19.04 | 20.8 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 19.12 | 19.26 | 19.14 | 20.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 19.10 | 19.19 | 19.17 | | |
| 20 | QPSK | 1 | 1 | 19.23 | 19.28 | 19.20 | 20.8 | 0.0 |
| 20 | QPSK | 1 | 26 | 19.05 | 19.23 | 19.12 | | |
| 20 | QPSK | 1 | 49 | 19.25 | 19.23 | 19.09 | | |
| 20 | QPSK | 25 | 0 | 19.14 | 19.19 | 19.16 | 20.8 | 0.0 |
| 20 | QPSK | 25 | 13 | 19.16 | 19.24 | 19.08 | 20.8 | 0.0 |
| 20 | QPSK | 25 | 26 | 19.11 | 19.20 | 19.11 | 20.8 | 0.0 |
| 20 | QPSK | 50 | 0 | 19.12 | 19.15 | 19.05 | | |
| 20 | 16QAM | 1 | 1 | 19.17 | 19.17 | 19.00 | 20.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.16 | 19.11 | 19.03 | 20.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 19.21 | 19.22 | 19.09 | 20.8 | 0.0 |

## PC2&3 n41 Ant9 DSI11

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.23 | 19.38 | 19.08 | 20.8 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 19.16 | 19.45 | 19.23 | | |
| 100 | PI/2 BPSK | 1 | 271 | 19.16 | 19.45 | 19.16 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.25 | 19.27 | 19.18 | 20.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.29 | 19.42 | 19.19 | 20.8 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.28 | 19.30 | 19.11 | 20.8 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 19.19 | 19.27 | 19.14 | | |
| 100 | QPSK | 1 | 1 | 19.29 | 19.48 | 19.30 | 20.8 | 0.0 |
| 100 | QPSK | 1 | 137 | 19.30 | 19.38 | 19.27 | | |
| 100 | QPSK | 1 | 271 | 19.19 | 19.27 | 19.29 | | |
| 100 | QPSK | 135 | 0 | 19.13 | 19.30 | 19.28 | 20.8 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.21 | 19.33 | 19.17 | 20.8 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.15 | 19.31 | 19.20 | 20.8 | 0.0 |
| 100 | QPSK | 270 | 0 | 19.17 | 19.28 | 19.12 | | |
| 100 | 16QAM | 1 | 1 | 19.13 | 19.34 | 19.26 | 20.8 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.15 | 19.29 | 19.11 | 20.8 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.13 | 19.31 | 19.27 | 20.8 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 19.11 | 19.27 | 19.29 | 20.8 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 19.15 | 19.40 | 19.18 | 20.8 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 19.13 | 19.38 | 19.11 | 20.8 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 19.30 | 19.27 | 19.23 | 20.8 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 19.19 | 19.36 | 19.28 | 20.8 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 19.30 | 19.28 | 19.41 | 20.8 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 19.20 | 19.26 | 19.31 | 20.8 | 0.0 |

## Reduced Power level for DSI 13

| n5 Ant0 DSI13 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.08 | 21.27 | 21.13 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.21 | 21.07 | 21.07 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.03 | 21.26 | 21.05 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.02 | 21.15 | 21.12 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.10 | 21.19 | 21.07 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.04 | 21.29 | 21.12 | 22.8 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.06 | 21.17 | 21.05 | | |
| 20 | QPSK | 1 | 1 | 21.13 | 21.34 | 21.25 | 22.8 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.06 | 21.18 | 21.13 | | |
| 20 | QPSK | 1 | 104 | 21.10 | 21.15 | 21.06 | | |
| 20 | QPSK | 50 | 0 | 21.18 | 21.17 | 21.09 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.08 | 21.28 | 21.21 | 22.8 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.09 | 21.25 | 21.09 | 22.8 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.03 | 21.20 | 21.15 | | |
| 20 | 16QAM | 1 | 1 | 21.15 | 21.20 | 21.18 | 22.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 21.13 | 21.17 | 21.07 | 22.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 21.11 | 21.14 | 21.05 | 22.8 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 40 | 21.08 | 21.13 | 21.09 | 22.8 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 26 | 21.11 | 21.10 | 21.15 | 22.8 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 13 | 21.08 | 21.12 | 21.03 | 22.8 | 0.0 |

## n7 Ant1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.90 | 16.99 | 16.79 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.03 | 16.88 | 16.79 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.99 | 16.93 | 16.87 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.86 | 16.92 | 16.84 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.89 | 16.97 | 16.76 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.03 | 17.03 | 16.87 | 18.7 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.02 | 16.90 | 16.78 | | |
| 20 | QPSK | 1 | 1 | 16.96 | 17.06 | 17.03 | 18.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.95 | 16.94 | 16.80 | | |
| 20 | QPSK | 1 | 104 | 16.77 | 16.84 | 16.78 | | |
| 20 | QPSK | 50 | 0 | 16.96 | 17.00 | 16.90 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.77 | 17.02 | 16.98 | 18.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.89 | 17.01 | 16.87 | 18.7 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.99 | 17.00 | 16.97 | | |
| 20 | 16QAM | 1 | 1 | 16.92 | 16.91 | 16.97 | 18.7 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.91 | 16.92 | 16.76 | 18.7 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.81 | 16.89 | 16.79 | 18.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 16.84 | 16.88 | 16.96 | 18.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 16.85 | 16.93 | 16.94 | 18.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 16.88 | 16.89 | 16.93 | 18.7 | 0.0 |

## n66 Ant1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.40 | 17.34 | 17.26 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 17.41 | 17.38 | 17.23 | | |
| 20 | PI/2 BPSK | 1 | 104 | 17.60 | 17.52 | 17.26 | | |
| 20 | PI/2 BPSK | 50 | 0 | 17.47 | 17.52 | 17.22 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 17.41 | 17.39 | 17.32 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 17.44 | 17.52 | 17.31 | 19.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 17.45 | 17.47 | 17.33 | | |
| 20 | QPSK | 1 | 1 | 17.33 | 17.62 | 17.60 | 19.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 17.41 | 17.42 | 17.28 | | |
| 20 | QPSK | 1 | 104 | 17.32 | 17.31 | 17.31 | | |
| 20 | QPSK | 50 | 0 | 17.56 | 17.50 | 17.32 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 17.26 | 17.61 | 17.52 | 19.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 17.47 | 17.47 | 17.42 | 19.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 17.46 | 17.60 | 17.37 | | |
| 20 | 16QAM | 1 | 1 | 17.38 | 17.36 | 17.42 | 19.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.45 | 17.35 | 17.23 | 19.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.27 | 17.30 | 17.32 | 19.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 17.30 | 17.54 | 17.42 | 19.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 17.24 | 17.52 | 17.48 | 19.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 17.22 | 17.48 | 17.53 | 19.0 | 0.0 |

## n38 Ant1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.46 | 16.56 | 16.34 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 16.47 | 16.35 | 16.34 | | |
| 20 | PI/2 BPSK | 1 | 49 | 16.54 | 16.36 | 16.40 | | |
| 20 | PI/2 BPSK | 25 | 0 | 16.33 | 16.37 | 16.31 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 16.45 | 16.50 | 16.25 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 16.46 | 16.54 | 16.42 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 16.55 | 16.36 | 16.24 | | |
| 20 | QPSK | 1 | 1 | 16.59 | 16.62 | 16.53 | 18.0 | 0.0 |
| 20 | QPSK | 1 | 26 | 16.43 | 16.38 | 16.22 | | |
| 20 | QPSK | 1 | 49 | 16.22 | 16.36 | 16.20 | | |
| 20 | QPSK | 25 | 0 | 16.42 | 16.51 | 16.46 | 18.0 | 0.0 |
| 20 | QPSK | 25 | 13 | 16.28 | 16.56 | 16.50 | 18.0 | 0.0 |
| 20 | QPSK | 25 | 26 | 16.39 | 16.43 | 16.38 | 18.0 | 0.0 |
| 20 | QPSK | 50 | 0 | 16.41 | 16.49 | 16.42 | | |
| 20 | 16QAM | 1 | 1 | 16.37 | 16.37 | 16.47 | 18.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.42 | 16.41 | 16.31 | 18.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.24 | 16.36 | 16.26 | 18.0 | 0.0 |

## PC2&3 n41 Ant1 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.31 | 16.41 | 16.31 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 16.35 | 16.39 | 16.30 | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.30 | 16.34 | 16.29 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.34 | 16.34 | 16.29 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.29 | 16.39 | 16.34 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.30 | 16.31 | 16.29 | 18.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.29 | 16.34 | 16.29 | | |
| 100 | QPSK | 1 | 1 | 16.55 | 16.65 | 16.54 | 18.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 16.32 | 16.42 | 16.36 | | |
| 100 | QPSK | 1 | 271 | 16.30 | 16.40 | 16.31 | | |
| 100 | QPSK | 135 | 0 | 16.35 | 16.45 | 16.34 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.43 | 16.51 | 16.43 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.40 | 16.50 | 16.42 | 18.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.42 | 16.53 | 16.44 | | |
| 100 | 16QAM | 1 | 1 | 16.29 | 16.33 | 16.28 | 18.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 16.43 | 16.52 | 16.38 | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.34 | 16.42 | 16.31 | 18.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 16.43 | 16.51 | 16.48 | 18.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 16.45 | 16.52 | 16.43 | 18.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 16.43 | 16.51 | 16.43 | 18.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 16.46 | 16.55 | 16.43 | 18.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 16.41 | 16.60 | 16.44 | 18.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 16.44 | 16.48 | 16.50 | 18.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 16.41 | 16.58 | 16.46 | 18.0 | 0.0 |

# n5 Ant2 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.65 | 18.75 | 18.68 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.76 | 18.61 | 18.66 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.73 | 18.66 | 18.86 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.69 | 18.73 | 18.77 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.77 | 18.77 | 18.61 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.75 | 18.85 | 18.72 | 20.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.70 | 18.71 | 18.60 | | |
| 20 | QPSK | 1 | 1 | 18.85 | 18.92 | 18.67 | 20.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.63 | 18.75 | 18.66 | | |
| 20 | QPSK | 1 | 104 | 18.70 | 18.71 | 18.76 | | |
| 20 | QPSK | 50 | 0 | 18.63 | 18.87 | 18.82 | 20.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.77 | 18.89 | 18.73 | 20.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.68 | 18.65 | 18.68 | 20.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.71 | 18.75 | 18.60 | | |
| 20 | 16QAM | 1 | 1 | 18.66 | 18.63 | 18.80 | 20.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.76 | 18.68 | 18.64 | 20.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.61 | 18.79 | 18.68 | 20.4 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 18.72 | 18.86 | 18.61 | 20.4 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 18.75 | 18.84 | 18.56 | 20.4 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 18.71 | 18.75 | 18.51 | 20.4 | 0.0 |

## n7 Ant5 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 13.79 | 13.89 | 13.83 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 13.86 | 13.70 | 13.77 | | |
| 20 | PI/2 BPSK | 1 | 104 | 13.77 | 13.75 | 13.98 | | |
| 20 | PI/2 BPSK | 50 | 0 | 13.74 | 13.83 | 13.92 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 13.90 | 13.89 | 13.65 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 13.93 | 13.93 | 13.78 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 13.84 | 13.77 | 13.71 | | |
| 20 | QPSK | 1 | 1 | 13.98 | 14.07 | 14.02 | 15.4 | 0.0 |
| 20 | QPSK | 1 | 53 | 13.79 | 13.87 | 13.80 | | |
| 20 | QPSK | 1 | 104 | 13.76 | 13.76 | 13.86 | | |
| 20 | QPSK | 50 | 0 | 13.71 | 13.91 | 13.90 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 28 | 13.89 | 14.02 | 13.82 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 56 | 13.75 | 13.79 | 13.80 | 15.4 | 0.0 |
| 20 | QPSK | 100 | 0 | 13.74 | 13.90 | 13.66 | | |
| 20 | 16QAM | 1 | 1 | 13.82 | 13.70 | 13.84 | 15.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 13.87 | 13.73 | 13.70 | 15.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 13.69 | 13.86 | 13.83 | 15.4 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 13.90 | 13.99 | 13.92 | 15.4 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 13.93 | 14.02 | 13.85 | 15.4 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 13.85 | 13.98 | 13.85 | 15.4 | 0.0 |

## n38 Ant5 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 13.64 | 13.68 | 13.71 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 13.84 | 13.61 | 13.69 | | |
| 20 | PI/2 BPSK | 1 | 49 | 13.78 | 13.66 | 13.80 | | |
| 20 | PI/2 BPSK | 25 | 0 | 13.70 | 13.70 | 13.85 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 13.79 | 13.76 | 13.66 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 13.72 | 13.90 | 13.77 | 15.4 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 13.66 | 13.77 | 13.64 | | |
| 20 | QPSK | 1 | 1 | 13.80 | 13.92 | 13.69 | 15.4 | 0.0 |
| 20 | QPSK | 1 | 26 | 13.63 | 13.82 | 13.65 | | |
| 20 | QPSK | 1 | 49 | 13.62 | 13.65 | 13.74 | | |
| 20 | QPSK | 25 | 0 | 13.65 | 13.86 | 13.86 | 15.4 | 0.0 |
| 20 | QPSK | 25 | 13 | 13.77 | 13.91 | 13.68 | 15.4 | 0.0 |
| 20 | QPSK | 25 | 26 | 13.73 | 13.63 | 13.68 | 15.4 | 0.0 |
| 20 | QPSK | 50 | 0 | 13.66 | 13.75 | 13.62 | | |
| 20 | 16QAM | 1 | 1 | 13.73 | 13.69 | 13.87 | 15.4 | 0.0 |
| 20 | 64QAM | 1 | 1 | 13.80 | 13.75 | 13.63 | 15.4 | 0.0 |
| 20 | 256QAM | 1 | 1 | 13.59 | 13.72 | 13.62 | 15.4 | 0.0 |

## PC2&3 n41 Ant5 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.18 | 13.21 | 13.25 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 13.37 | 13.16 | 13.22 | | |
| 100 | PI/2 BPSK | 1 | 271 | 13.30 | 13.21 | 13.23 | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.17 | 13.18 | 13.37 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 13.35 | 13.33 | 13.10 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 13.28 | 13.37 | 13.23 | 15.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 13.20 | 13.29 | 13.14 | | |
| 100 | QPSK | 1 | 1 | 13.39 | 13.46 | 13.33 | 15.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 13.09 | 13.39 | 13.13 | | |
| 100 | QPSK | 1 | 271 | 13.09 | 13.16 | 13.17 | | |
| 100 | QPSK | 135 | 0 | 13.11 | 13.35 | 13.43 | 15.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 13.32 | 13.44 | 13.10 | 15.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 13.18 | 13.18 | 13.20 | 15.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 13.13 | 13.32 | 13.12 | | |
| 100 | 16QAM | 1 | 1 | 13.17 | 13.13 | 13.30 | 15.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 13.31 | 13.28 | 13.18 | 15.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 13.17 | 13.22 | 13.07 | 15.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 13.30 | 13.41 | 13.24 | 15.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 13.24 | 13.40 | 13.20 | 15.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 13.24 | 13.31 | 13.28 | 15.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 13.22 | 13.43 | 13.18 | 15.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 13.30 | 13.37 | 13.16 | 15.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 13.33 | 13.45 | 13.30 | 15.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 13.23 | 13.35 | 13.24 | 15.0 | 0.0 |

## n7 Ant6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 11.41 | 11.43 | 11.56 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 11.57 | 11.34 | 11.42 | | |
| 20 | PI/2 BPSK | 1 | 104 | 11.56 | 11.47 | 11.57 | | |
| 20 | PI/2 BPSK | 50 | 0 | 11.56 | 11.54 | 11.58 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 11.66 | 11.51 | 11.49 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 11.46 | 11.66 | 11.60 | 12.9 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 11.39 | 11.58 | 11.39 | | |
| 20 | QPSK | 1 | 1 | 11.69 | 11.80 | 11.74 | 12.9 | 0.0 |
| 20 | QPSK | 1 | 53 | 11.46 | 11.55 | 11.51 | | |
| 20 | QPSK | 1 | 104 | 11.48 | 11.53 | 11.52 | | |
| 20 | QPSK | 50 | 0 | 11.47 | 11.65 | 11.60 | 12.9 | 0.0 |
| 20 | QPSK | 50 | 28 | 11.58 | 11.69 | 11.44 | 12.9 | 0.0 |
| 20 | QPSK | 50 | 56 | 11.59 | 11.46 | 11.55 | 12.9 | 0.0 |
| 20 | QPSK | 100 | 0 | 11.44 | 11.50 | 11.43 | | |
| 20 | 16QAM | 1 | 1 | 11.59 | 11.49 | 11.62 | 12.9 | 0.0 |
| 20 | 64QAM | 1 | 1 | 11.54 | 11.55 | 11.44 | 12.9 | 0.0 |
| 20 | 256QAM | 1 | 1 | 11.44 | 11.48 | 11.45 | 12.9 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 40 | 11.62 | 11.78 | 11.56 | 12.9 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 26 | 11.60 | 11.63 | 11.69 | 12.9 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 13 | 11.57 | 11.74 | 11.72 | 12.9 | 0.0 |

## n66 Ant6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | PI/2 BPSK | 1 | 1 | 15.20 | 15.19 | 15.13 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 15.41 | 15.12 | 15.11 | | |
| 20 | PI/2 BPSK | 1 | 104 | 15.21 | 15.17 | 15.32 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.18 | 15.15 | 15.31 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 15.37 | 15.26 | 15.14 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.14 | 15.28 | 15.20 | 16.8 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.15 | 15.26 | 15.11 | | |
| 20 | QPSK | 1 | 1 | 15.29 | 15.44 | 15.15 | 16.8 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.06 | 15.30 | 15.09 | | |
| 20 | QPSK | 1 | 104 | 15.05 | 15.15 | 15.21 | | |
| 20 | QPSK | 50 | 0 | 15.17 | 15.38 | 15.29 | 16.8 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.20 | 15.42 | 15.22 | 16.8 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.20 | 15.09 | 15.25 | 16.8 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.20 | 15.24 | 15.06 | | |
| 20 | 16QAM | 1 | 1 | 15.26 | 15.17 | 15.30 | 16.8 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.32 | 15.26 | 15.18 | 16.8 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.03 | 15.17 | 15.08 | 16.8 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 40 | 15.16 | 15.27 | 15.28 | 16.8 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 26 | 15.26 | 15.38 | 15.21 | 16.8 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 13 | 15.13 | 15.40 | 15.26 | 16.8 | 0.0 |

## n38 Ant6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 11.50 | 11.53 | 11.42 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 11.47 | 11.51 | 11.55 | | |
| 20 | PI/2 BPSK | 1 | 49 | 11.47 | 11.61 | 11.49 | | |
| 20 | PI/2 BPSK | 25 | 0 | 11.58 | 11.48 | 11.64 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 11.49 | 11.43 | 11.54 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 11.47 | 11.48 | 11.45 | 13.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 11.60 | 11.60 | 11.62 | | |
| 20 | QPSK | 1 | 1 | 11.52 | 11.67 | 11.61 | 13.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 11.53 | 11.48 | 11.61 | | |
| 20 | QPSK | 1 | 49 | 11.64 | 11.65 | 11.56 | | |
| 20 | QPSK | 25 | 0 | 11.55 | 11.56 | 11.47 | 13.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 11.57 | 11.64 | 11.58 | 13.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 11.46 | 11.48 | 11.60 | 13.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 11.48 | 11.53 | 11.46 | | |
| 20 | 16QAM | 1 | 1 | 11.48 | 11.47 | 11.43 | 13.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 11.51 | 11.60 | 11.46 | 13.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 11.44 | 11.48 | 11.44 | 13.1 | 0.0 |

## PC2&3 n41 Ant6 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 11.56 | 11.62 | 11.49 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 11.45 | 11.58 | 11.61 | | |
| 100 | PI/2 BPSK | 1 | 271 | 11.45 | 11.73 | 11.50 | | |
| 100 | PI/2 BPSK | 135 | 0 | 11.60 | 11.49 | 11.58 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 11.55 | 11.48 | 11.61 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 11.46 | 11.51 | 11.54 | 13.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 11.60 | 11.62 | 11.72 | | |
| 100 | QPSK | 1 | 1 | 11.58 | 11.75 | 11.71 | 13.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 11.55 | 11.57 | 11.62 | | |
| 100 | QPSK | 1 | 271 | 11.63 | 11.65 | 11.61 | | |
| 100 | QPSK | 135 | 0 | 11.58 | 11.54 | 11.57 | 13.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 11.54 | 11.66 | 11.63 | 13.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 11.47 | 11.46 | 11.59 | 13.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 11.46 | 11.55 | 11.52 | | |
| 100 | 16QAM | 1 | 1 | 11.56 | 11.44 | 11.49 | 13.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 11.55 | 11.70 | 11.51 | 13.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 11.48 | 11.56 | 11.44 | 13.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 11.49 | 11.60 | 11.63 | 13.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 11.44 | 11.73 | 11.62 | 13.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 11.46 | 11.70 | 11.56 | 13.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 11.53 | 11.60 | 11.64 | 13.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 11.50 | 11.67 | 11.59 | 13.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 11.53 | 11.69 | 11.70 | 13.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 11.43 | 11.59 | 11.60 | 13.1 | 0.0 |

## n38 Ant9 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.69 | 17.73 | 17.67 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 1 | 26 | 17.67 | 17.72 | 17.74 | | |
| 20 | PI/2 BPSK | 1 | 49 | 17.80 | 17.70 | 17.67 | | |
| 20 | PI/2 BPSK | 25 | 0 | 17.70 | 17.74 | 17.69 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 13 | 17.63 | 17.76 | 17.74 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 25 | 26 | 17.69 | 17.72 | 17.71 | 19.1 | 0.0 |
| 20 | PI/2 BPSK | 50 | 0 | 17.72 | 17.73 | 17.66 | | |
| 20 | QPSK | 1 | 1 | 17.81 | 17.83 | 17.68 | 19.1 | 0.0 |
| 20 | QPSK | 1 | 26 | 17.72 | 17.80 | 17.76 | | |
| 20 | QPSK | 1 | 49 | 17.72 | 17.60 | 17.68 | | |
| 20 | QPSK | 25 | 0 | 17.68 | 17.71 | 17.70 | 19.1 | 0.0 |
| 20 | QPSK | 25 | 13 | 17.72 | 17.81 | 17.74 | 19.1 | 0.0 |
| 20 | QPSK | 25 | 26 | 17.70 | 17.63 | 17.71 | 19.1 | 0.0 |
| 20 | QPSK | 50 | 0 | 17.64 | 17.77 | 17.61 | | |
| 20 | 16QAM | 1 | 1 | 17.81 | 17.64 | 17.80 | 19.1 | 0.0 |
| 20 | 64QAM | 1 | 1 | 17.73 | 17.77 | 17.59 | 19.1 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.78 | 17.79 | 17.66 | 19.1 | 0.0 |

## PC2&3 n41 Ant9 DSI13

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.59 | 17.84 | 17.72 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.78 | 17.58 | 17.66 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.67 | 17.71 | 17.55 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.64 | 17.61 | 17.68 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.71 | 17.66 | 17.63 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.62 | 17.61 | 17.74 | 19.1 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.71 | 17.55 | 17.61 | | |
| 100 | QPSK | 1 | 1 | 17.66 | 17.85 | 17.63 | 19.1 | 0.0 |
| 100 | QPSK | 1 | 137 | 17.78 | 17.66 | 17.79 | | |
| 100 | QPSK | 1 | 271 | 17.53 | 17.70 | 17.77 | | |
| 100 | QPSK | 135 | 0 | 17.72 | 17.68 | 17.72 | 19.1 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.67 | 17.82 | 17.59 | 19.1 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.64 | 17.46 | 17.35 | 19.1 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.58 | 17.77 | 17.62 | | |
| 100 | 16QAM | 1 | 1 | 17.61 | 17.63 | 17.71 | 19.1 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.69 | 17.56 | 17.52 | 19.1 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.68 | 17.55 | 17.67 | 19.1 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.59 | 17.76 | 17.57 | 19.1 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.50 | 17.81 | 17.60 | 19.1 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.62 | 17.78 | 17.55 | 19.1 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.62 | 17.76 | 17.49 | 19.1 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.51 | 17.79 | 17.52 | 19.1 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.66 | 17.70 | 17.58 | 19.1 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.60 | 17.68 | 17.48 | 19.1 | 0.0 |

## WLAN/Bluetooth Power

| 2.4GHz WLAN | | | | Full Power Body Standalone | | | | | | | Head SAR Standalone & simultaneous | | | | | | | | | | | | Body Worn & Hotspot & Handheld SAR simultaneous | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 8 | | Ant 11 | | Ant 8+11 | | Note | SISO-Ant8 | | SISO-Ant11 | | Note | MIMO-Ant8 | | MIMO-Ant11 | | MIMO Ant 8+11 | | Note | SISO-Ant8 | | SISO-Ant11 | | Note | MIMO-Ant8 | | MIMO-Ant11 | | MIMO Ant 8+11 | | Note |
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 14.66 | 16.50 | 14.62 | 16.50 | 17.64 | 19.5 | 100.00 | 12.66 | 13.00 | 12.55 | 13.00 | 100.00 | 9.92 | 10.00 | 9.65 | 10.00 | 12.8 | 13.0 | 100.00 | 14.66 | 16.00 | 14.62 | 16.00 | 100.00 | 12.93 | 13.00 | 12.87 | 13.00 | 15.9 | 16.0 | 100.00 |
| | | 6 | 2437 | 14.85 | 16.50 | 14.56 | 16.50 | 17.61 | 19.5 | | 12.65 | 13.00 | 12.52 | 13.00 | | 9.64 | 10.00 | 9.57 | 10.00 | 12.6 | 13.0 | | 14.65 | 16.00 | 14.56 | 16.00 | | 12.99 | 13.00 | 12.96 | 13.00 | 16.0 | 16.0 | |
| | | 11 | 2462 | 14.59 | 16.50 | 14.51 | 16.50 | 17.55 | 19.5 | | 12.59 | 13.00 | 12.44 | 13.00 | | 9.67 | 10.00 | 9.53 | 10.00 | 12.6 | 13.0 | | 14.59 | 16.00 | 14.51 | 16.00 | | 12.97 | 13.00 | 12.95 | 13.00 | 16.0 | 16.0 | |
| | 802.11g 6Mbps | 1 | 2412 | 13.42 | 15.00 | 13.27 | 15.00 | 16.35 | 18.0 | 100.00 | Not Required | 13.00 | Not Required | 13.00 | 100.00 | Not Required | 10.00 | Not Required | 10.00 | Not Required | 13.0 | 100.00 | Not Required | 15.00 | Not Required | 15.00 | 100.00 | Not Required | 13.00 | Not Required | 13.00 | Not Required | 16.0 | 100.00 |
| | | 2 | 2417 | 14.56 | 16.50 | 14.62 | 16.50 | 17.59 | 19.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 6 | 2437 | 15.52 | 17.50 | 15.52 | 17.50 | 18.52 | 20.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 9 | 2452 | 16.51 | 18.50 | 16.78 | 18.50 | 19.65 | 21.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 10 | 2457 | 14.72 | 16.50 | 15.54 | 16.50 | 18.15 | 19.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 14.22 | 15.00 | 14.00 | 15.00 | 17.11 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 12.01 | 14.00 | 12.39 | 14.00 | 15.20 | 17.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 14.00 | | 14.00 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 2 | 2417 | 13.37 | 15.00 | 13.15 | 15.00 | 16.26 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 6 | 2437 | 15.41 | 17.00 | 15.46 | 17.00 | 18.44 | 20.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 8 | 2447 | 15.88 | 17.50 | 15.53 | 17.50 | 18.71 | 20.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 10 | 2457 | 13.11 | 15.00 | 13.32 | 15.00 | 16.22 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 12.18 | 14.00 | 12.29 | 14.00 | 15.24 | 17.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.00 | | 14.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11n-HT40 MCS0 | 3 | 2422 | 9.69 | 11.00 | 11.06 | 13.00 | 13.43 | 15.1 | 100.00 | | 11.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 11.00 | | 13.00 | 100.00 | | 11.00 | | 13.00 | | 15.1 | 100.00 |
| | | 6 | 2437 | 11.14 | 13.00 | 11.45 | 13.00 | 14.30 | 16.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 13.00 | | 13.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 9 | 2452 | 9.10 | 11.00 | 9.45 | 11.00 | 12.28 | 14.0 | | | 11.00 | | 11.00 | | | 10.00 | | 10.00 | | 13.0 | | | 11.00 | | 11.00 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 12.02 | 13.00 | 12.47 | 14.00 | 15.25 | 16.5 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 13.00 | | 14.00 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 2 | 2417 | 13.38 | 15.00 | 13.45 | 15.00 | 16.42 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 6 | 2437 | 15.42 | 17.00 | 15.47 | 17.00 | 18.45 | 20.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 8 | 2447 | 16.52 | 17.50 | 15.67 | 17.50 | 19.12 | 20.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 10 | 2457 | 13.39 | 15.00 | 13.41 | 15.00 | 16.40 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 12.45 | 14.00 | 12.38 | 14.00 | 15.42 | 17.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.00 | | 14.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11ax-HE40 MCS0 | 3 | 2422 | 10.26 | 12.00 | 11.14 | 13.00 | 13.72 | 15.5 | 100.00 | | 12.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 12.00 | | 13.00 | 100.00 | | 12.00 | | 13.00 | | 15.5 | 100.00 |
| | | 6 | 2437 | 11.25 | 13.00 | 11.47 | 13.00 | 14.36 | 16.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 13.00 | | 13.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 9 | 2452 | 9.28 | 11.00 | 9.48 | 11.00 | 12.38 | 14.0 | | | 11.00 | | 11.00 | | | 10.00 | | 10.00 | | 13.0 | | | 11.00 | | 11.00 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 RU26 | 1 | 2412 | 11.01 | 13.00 | 11.45 | 13.00 | 14.24 | 16.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 6 | 2437 | 12.52 | 14.50 | 12.80 | 14.50 | 15.66 | 17.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.50 | | 14.50 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 12.39 | 14.00 | 12.32 | 14.00 | 15.36 | 17.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.00 | | 14.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11ax-HE20 MCS0 RU52 | 1 | 2412 | 11.02 | 13.00 | 11.15 | 13.00 | 14.09 | 16.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 2 | 2417 | 13.41 | 15.00 | 13.41 | 15.00 | 16.41 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 6 | 2437 | 15.05 | 17.00 | 15.46 | 17.00 | 18.26 | 20.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 8 | 2447 | 15.53 | 17.50 | 15.91 | 17.50 | 18.72 | 20.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 10 | 2457 | 13.28 | 15.00 | 13.20 | 15.00 | 16.24 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 12.36 | 14.00 | 12.18 | 14.00 | 15.27 | 17.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.00 | | 14.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11ax-HE20 MCS0 RU106 | 1 | 2412 | 11.24 | 13.00 | 11.15 | 13.00 | 14.20 | 16.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 2 | 2417 | 13.02 | 15.00 | 13.31 | 15.00 | 16.17 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 6 | 2437 | 15.03 | 17.00 | 15.44 | 17.00 | 18.24 | 20.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 8 | 2447 | 15.55 | 17.50 | 15.52 | 17.50 | 18.54 | 20.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 16.00 | | 16.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 10 | 2457 | 13.46 | 15.00 | 13.25 | 15.00 | 16.36 | 18.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.00 | | 15.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 11 | 2462 | 12.35 | 14.00 | 12.47 | 14.00 | 15.41 | 17.0 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 14.00 | | 14.00 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11ax-HE20 MCS0 RU242 | 3 | 2422 | 13.71 | 15.50 | 13.78 | 15.50 | 16.75 | 18.5 | 100.00 | | 13.00 | | 13.00 | 100.00 | | 10.00 | | 10.00 | | 13.0 | 100.00 | | 15.50 | | 15.50 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 6 | 2437 | 13.75 | 15.50 | 13.66 | 15.50 | 16.71 | 18.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.50 | | 15.50 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 9 | 2452 | 13.81 | 15.50 | 13.70 | 15.50 | 16.76 | 18.5 | | | 13.00 | | 13.00 | | | 10.00 | | 10.00 | | 13.0 | | | 15.50 | | 15.50 | | | 13.00 | | 13.00 | | 16.0 | |

| 5.2GHz WLAN | | | | Full Power | | | | | | | Body Standalone | | | | | | | Head SAR Standalone & simultaneous | | | | | | | Body Worn & Hotspot & Handheld SAR simultaneous | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note |
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 14.65 | 16.50 | 14.92 | 15.00 | 17.79 | 18.8 | 100.00 | Not Required | 16.50 | Not Required | 15.00 | Not Required | 18.8 | 100.00 | Not Required | 11.00 | Not Required | 11.00 | Not Required | 14.0 | 100.00 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 17.0 | 100.00 |
| | | 40 | 5200 | 16.57 | 18.50 | 14.94 | 15.00 | 18.83 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 44 | 5220 | 15.01 | 17.00 | 14.85 | 15.00 | 17.93 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 15.07 | 17.00 | 14.78 | 15.00 | 17.93 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 14.50 | 16.50 | 14.76 | 15.00 | 17.63 | 18.8 | 100.00 | | 16.50 | | 15.00 | | 18.8 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 40 | 5200 | 16.05 | 18.00 | 14.62 | 15.00 | 18.39 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 44 | 5220 | 15.04 | 17.00 | 14.91 | 15.00 | 17.98 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 15.12 | 17.00 | 14.82 | 15.00 | 17.97 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 11.58 | 13.00 | 12.84 | 13.00 | 15.26 | 16.0 | 100.00 | 11.58 | 13.00 | 12.84 | 13.00 | 15.26 | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | 11.58 | 13.00 | 12.84 | 13.00 | 15.3 | 16.0 | 100.00 |
| | | 46 | 5230 | 15.12 | 16.50 | 14.95 | 15.00 | 18.04 | 18.8 | | 15.12 | 16.50 | 14.95 | 15.00 | 18.04 | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | 13.05 | 14.00 | 13.95 | 14.00 | 16.5 | 17.0 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 14.51 | 16.50 | 14.82 | 15.00 | 17.67 | 18.8 | 100.00 | Not Required | 16.50 | Not Required | 15.00 | Not Required | 18.8 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 40 | 5200 | 16.04 | 18.00 | 14.71 | 15.00 | 18.43 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 44 | 5220 | 15.10 | 17.00 | 14.94 | 15.00 | 18.02 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 15.07 | 17.00 | 14.89 | 15.00 | 17.98 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 11.59 | 13.00 | 12.86 | 13.00 | 15.27 | 16.0 | 100.00 | 11.59 | 13.00 | 12.86 | 13.00 | 15.27 | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 46 | 5230 | 15.16 | 17.00 | 14.90 | 15.00 | 18.03 | 19.1 | | 15.16 | 17.00 | 14.90 | 15.00 | 18.03 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 9.75 | 11.50 | 10.65 | 11.50 | 13.22 | 14.5 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 | 9.75 | 11.00 | 10.65 | 11.00 | 13.2 | 14.0 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 14.54 | 16.50 | 14.91 | 15.00 | 17.73 | 18.8 | 100.00 | | 16.50 | | 15.00 | | 18.8 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 40 | 5200 | 16.12 | 18.00 | 14.83 | 15.00 | 18.52 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 44 | 5220 | 15.11 | 17.00 | 14.98 | 15.00 | 18.05 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 15.13 | 17.00 | 14.95 | 15.00 | 18.04 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 11.88 | 13.00 | 12.95 | 13.00 | 15.45 | 16.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 46 | 5230 | 15.95 | 17.00 | 14.96 | 15.00 | 18.48 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 9.82 | 11.50 | 10.70 | 11.50 | 13.28 | 14.5 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 |
| | 802.11ax-HE20 MCS0 RU 26 | 36 | 5180 | 9.45 | 11.00 | 9.24 | 11.00 | 12.35 | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 |
| | | 40 | 5200 | 9.40 | 11.00 | 9.15 | 11.00 | 12.28 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 44 | 5220 | 9.48 | 11.00 | 9.58 | 11.00 | 12.53 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 48 | 5240 | 9.65 | 11.00 | 9.12 | 11.00 | 12.39 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 RU 52 | 36 | 5180 | 11.35 | 13.00 | 11.22 | 13.00 | 14.29 | 16.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 40 | 5200 | 11.32 | 13.00 | 11.25 | 13.00 | 14.29 | 16.0 | | | 13.00 | | 13.00 | | 16.0 | | | 11.00 | | 11.00 | | 14.0 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 44 | 5220 | 12.22 | 14.00 | 12.01 | 14.00 | 15.12 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 12.31 | 14.00 | 12.02 | 14.00 | 15.17 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE20 MCS0 RU 106 | 36 | 5180 | 11.38 | 13.00 | 11.35 | 13.00 | 14.37 | 16.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 40 | 5200 | 11.44 | 13.00 | 11.38 | 13.00 | 14.41 | 16.0 | | | 13.00 | | 13.00 | | 16.0 | | | 11.00 | | 11.00 | | 14.0 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 44 | 5220 | 14.29 | 16.00 | 13.02 | 15.00 | 16.70 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 48 | 5240 | 14.40 | 16.00 | 13.04 | 15.00 | 16.77 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 RU 242 | 38 | 5190 | 11.26 | 13.00 | 11.02 | 13.00 | 14.14 | 16.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 13.00 | | 13.00 | | 16.0 | 100.00 |
| | | 46 | 5230 | 14.02 | 16.00 | 13.05 | 15.00 | 16.56 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 RU 484 | 42 | 5210 | 9.32 | 11.00 | 9.38 | 11.00 | 12.35 | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 |

| 5.3GHz WLAN | | | | Full Power | | | | | | | Body Standalone | | | | | | | Head SAR Standalone & simultaneous | | | | | | | Body Worn & Handheld SAR simultaneous | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note |
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 15.08 | 17.00 | 14.65 | 15.00 | 17.87 | 19.1 | 100 | Not Required | 17.00 | Not Required | 15.00 | Not Required | 19.1 | 100 | Not Required | 11.00 | Not Required | 11.00 | Not Required | 14.0 | 100 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 17.0 | 100 |
| | | 56 | 5280 | 15.20 | 17.00 | 14.59 | 15.00 | 17.91 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 15.24 | 17.00 | 14.72 | 15.00 | 17.99 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 64 | 5320 | 12.10 | 14.00 | 12.98 | 14.00 | 15.56 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 15.07 | 17.00 | 14.73 | 15.00 | 17.90 | 19.1 | 100 | | 17.00 | | 15.00 | | 19.1 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 56 | 5280 | 15.22 | 17.00 | 14.64 | 15.00 | 17.94 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 15.22 | 17.00 | 14.77 | 15.00 | 18.00 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 64 | 5320 | 12.02 | 14.00 | 12.34 | 14.00 | 15.18 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 15.37 | 16.50 | 14.79 | 15.00 | 18.09 | 18.8 | 100 | 15.37 | 16.50 | 14.79 | 15.00 | 18.1 | 18.8 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | 13.84 | 14.00 | 13.68 | 14.00 | 16.8 | 17.0 | 100 |
| | | 62 | 5310 | 11.31 | 12.50 | 11.96 | 12.50 | 14.65 | 15.5 | | 11.31 | 12.50 | 11.96 | 12.50 | 14.7 | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | 11.31 | 12.50 | 11.96 | 12.50 | 14.7 | 15.5 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 15.04 | 17.00 | 14.76 | 15.00 | 17.90 | 19.1 | 100 | Not Required | 17.00 | Not Required | 15.00 | Not Required | 19.1 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 56 | 5280 | 15.22 | 17.00 | 14.67 | 15.00 | 17.95 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 15.24 | 17.00 | 14.84 | 15.00 | 18.04 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 64 | 5320 | 12.11 | 14.00 | 12.33 | 14.00 | 15.22 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 15.41 | 17.00 | 14.85 | 15.00 | 18.14 | 19.1 | 100 | 15.41 | 17.00 | 14.85 | 15.00 | 18.1 | 19.1 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 62 | 5310 | 11.34 | 12.50 | 11.65 | 12.50 | 14.50 | 15.5 | | 11.34 | 12.50 | 11.65 | 12.50 | 14.5 | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 9.34 | 11.00 | 9.98 | 11.00 | 12.67 | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | 9.34 | 11.00 | 9.98 | 11.00 | 12.67 | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 |
| | 802.11ac-VHT160 MCS0 | 50 | 5250 | 7.99 | 9.50 | 8.46 | 10.00 | 11.23 | 12.8 | 100 | | 9.50 | | 10.00 | | 12.8 | 100 | 7.99 | 9.50 | 8.46 | 10.00 | 11.23 | 12.8 | 100 | | 9.50 | | 10.00 | | 12.8 | 100 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 15.16 | 17.00 | 14.86 | 15.00 | 18.01 | 19.1 | 100 | | 17.00 | | 15.00 | | 19.1 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 56 | 5280 | 15.22 | 17.00 | 14.75 | 15.00 | 17.99 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 15.25 | 17.00 | 14.92 | 15.00 | 18.09 | 19.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 64 | 5320 | 12.15 | 14.00 | 12.45 | 14.00 | 15.30 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 16.02 | 17.00 | 14.93 | 15.00 | 18.51 | 19.1 | 100 | | 17.00 | | 15.00 | | 19.1 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 62 | 5310 | 11.51 | 12.50 | 12.05 | 12.50 | 14.79 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 9.45 | 11.00 | 10.05 | 11.00 | 12.76 | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 |
| | 802.11ax-HE160 MCS0 | 50 | 5250 | 8.13 | 10.00 | 9.02 | 11.00 | 11.60 | 13.5 | 100 | | 10.00 | | 11.00 | | 13.5 | 100 | | 10.00 | | 11.00 | | 13.5 | 100 | | 10.00 | | 11.00 | | 13.5 | 100 |
| | 802.11ax-HE20 MCS0 RU 26 | 52 | 5260 | 9.02 | 11.00 | 9.28 | 11.00 | 12.15 | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 |
| | | 56 | 5280 | 9.04 | 11.00 | 9.25 | 11.00 | 12.15 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 60 | 5300 | 9.21 | 11.00 | 9.13 | 11.00 | 12.17 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 64 | 5320 | 9.05 | 11.00 | 9.08 | 11.00 | 12.07 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 RU 52 | 52 | 5260 | 12.25 | 14.00 | 12.31 | 14.00 | 15.28 | 17.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 56 | 5280 | 12.22 | 14.00 | 12.17 | 14.00 | 15.20 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 10.52 | 12.50 | 10.52 | 12.50 | 13.52 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | | 64 | 5320 | 10.72 | 12.50 | 10.53 | 12.50 | 13.63 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ax-HE20 MCS0 RU 106 | 52 | 5260 | 14.20 | 16.00 | 13.05 | 15.00 | 16.66 | 18.5 | 100 | | 16.00 | | 15.00 | | 18.5 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 56 | 5280 | 14.25 | 16.00 | 13.02 | 15.00 | 16.68 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 60 | 5300 | 10.52 | 12.50 | 10.53 | 12.50 | 13.53 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | | 64 | 5320 | 10.55 | 12.50 | 10.72 | 12.50 | 13.64 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ax-HE40 MCS0 RU 242 | 54 | 5270 | 14.26 | 16.00 | 13.04 | 15.00 | 16.69 | 18.5 | 100 | | 16.00 | | 15.00 | | 18.5 | 100 | | 11.00 | | 11.00 | | 14.0 | 100 | | 14.00 | | 14.00 | | 17.0 | 100 |
| | | 62 | 5310 | 10.71 | 12.50 | 10.75 | 12.50 | 13.73 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ax-HE80 MCS0 RU 484 | 58 | 5290 | 7.28 | 8.00 | 6.55 | 8.00 | 9.93 | 11.0 | 100 | | 8.00 | | 8.00 | | 11.0 | 100 | | 8.00 | | 8.00 | | 11.0 | 100 | | 8.00 | | 8.00 | | 11.0 | 100 |
| | 802.11ax-HE160 MCS0 RU 996 | 50 | 5250 | 6.21 | 7.50 | 6.05 | 7.50 | 9.13 | 10.5 | 100 | | 7.50 | | 7.50 | | 10.5 | 100 | | 7.50 | | 7.50 | | 10.5 | 100 | | 7.50 | | 7.50 | | 10.5 | 100 |

| 5.5GHz WLAN | | | | Full Power | | | | | | | Body Standalone | | | | | | | Head SAR Standalone & simultaneous | | | | | | | Body Worn & Handheld SAR simultaneous | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note |
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 15.64 | 17.50 | 14.98 | 15.00 | 18.32 | 19.4 | 100.00 | 15.26 | 17.00 | 14.98 | 15.00 | 18.12 | 19.1 | 100.00 | Not Required | 11.00 | Not Required | 11.00 | Not Required | 14.0 | 100.00 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 17.0 | 100.00 |
| | | 116 | 5580 | 16.11 | 18.00 | 14.83 | 15.00 | 18.52 | 19.8 | | 15.42 | 17.00 | 14.83 | 15.00 | 18.14 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 16.05 | 18.00 | 14.67 | 15.00 | 18.41 | 19.8 | | 15.18 | 17.00 | 14.67 | 15.00 | 17.93 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 16.02 | 18.00 | 14.91 | 15.00 | 18.50 | 19.8 | | 15.23 | 17.00 | 14.91 | 15.00 | 18.07 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 11.05 | 13.00 | 12.05 | 13.00 | 14.58 | 16.0 | | 11.05 | 13.00 | 12.05 | 13.00 | 14.58 | 16.0 | | | 11.00 | | 11.00 | | 14.0 | | | 13.00 | | 13.00 | | 16.0 | |
| | | 144 | 5720 | 11.06 | 13.00 | 12.15 | 13.00 | 14.64 | 16.0 | | 11.08 | 13.00 | 12.15 | 13.00 | 14.64 | 16.0 | | | 11.00 | | 11.00 | | 14.0 | | | 13.00 | | 13.00 | | 16.0 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 15.02 | 17.00 | 14.82 | 15.00 | 17.92 | 19.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 116 | 5580 | 15.52 | 17.50 | 14.85 | 15.00 | 18.20 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 15.70 | 17.50 | 14.64 | 15.00 | 18.20 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 16.08 | 18.00 | 14.95 | 15.00 | 18.55 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 10.76 | 12.50 | 11.11 | 12.50 | 13.94 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | | 144 | 5720 | 10.56 | 12.50 | 11.21 | 12.50 | 13.90 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 12.88 | 14.00 | 13.39 | 14.00 | 16.14 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 110 | 5550 | 15.12 | 16.50 | 14.98 | 15.00 | 18.05 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 126 | 5630 | 13.51 | 15.50 | 14.95 | 15.00 | 17.29 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 134 | 5670 | 12.99 | 14.50 | 13.65 | 15.00 | 16.33 | 17.8 | | | 14.50 | | 15.00 | | 17.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 142 | 5710 | 14.55 | 16.50 | 14.61 | 15.00 | 17.58 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 15.01 | 17.00 | 14.89 | 15.00 | 17.95 | 19.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 116 | 5580 | 15.55 | 17.50 | 14.91 | 15.00 | 18.24 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 15.53 | 17.50 | 14.76 | 15.00 | 18.16 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 16.11 | 18.00 | 14.97 | 15.00 | 18.58 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 10.75 | 12.50 | 11.15 | 12.50 | 13.95 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | | 144 | 5720 | 10.62 | 12.50 | 11.26 | 12.50 | 13.95 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 12.92 | 14.00 | 13.15 | 14.00 | 16.04 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 110 | 5550 | 15.20 | 16.50 | 14.97 | 15.00 | 18.09 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 126 | 5630 | 13.55 | 15.50 | 14.96 | 15.00 | 17.31 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 134 | 5670 | 13.01 | 14.50 | 13.74 | 15.00 | 16.39 | 17.8 | | | 14.50 | | 15.00 | | 17.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 142 | 5710 | 14.55 | 16.50 | 14.73 | 15.00 | 17.64 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 10.52 | 11.50 | 10.65 | 11.50 | 13.59 | 14.5 | 100.00 | 10.52 | 11.50 | 10.65 | 11.50 | 13.6 | 14.5 | 100.00 | 10.52 | 11.00 | 10.65 | 11.00 | 13.6 | 14.0 | 100.00 | 10.52 | 11.50 | 10.65 | 11.50 | 13.59 | 14.5 | 100.00 |
| | | 122 | 5610 | 13.37 | 15.00 | 13.52 | 15.00 | 16.45 | 18.0 | | 13.37 | 15.00 | 13.52 | 15.00 | 16.5 | 18.0 | | 10.79 | 11.00 | 10.94 | 11.00 | 13.9 | 14.0 | | 13.37 | 14.00 | 13.52 | 14.00 | 16.45 | 17.0 | |
| | | 138 | 5690 | 12.64 | 14.50 | 14.22 | 15.00 | 16.50 | 17.8 | | 12.64 | 14.50 | 14.22 | 15.00 | 16.5 | 17.8 | | 10.65 | 11.00 | 10.83 | 11.00 | 13.7 | 14.0 | | 13.64 | 14.00 | 13.89 | 14.00 | 16.77 | 17.0 | |
| | 802.11ac-VHT160 MCS0 | 114 | 5570 | 6.65 | 8.00 | 7.28 | 9.00 | 9.98 | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 |
| | 802.11ax-HE20 MCS0 | 100 | 5500 | 15.14 | 17.00 | 14.91 | 15.00 | 18.03 | 19.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 116 | 5580 | 15.58 | 17.50 | 14.94 | 15.00 | 18.27 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 15.53 | 17.50 | 14.77 | 15.00 | 18.17 | 19.4 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 16.21 | 18.00 | 14.96 | 15.00 | 18.63 | 19.8 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 10.88 | 12.50 | 11.20 | 12.50 | 14.04 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | | 144 | 5720 | 10.79 | 12.50 | 11.33 | 12.50 | 14.07 | 15.5 | | | 12.50 | | 12.50 | | 15.5 | | | 11.00 | | 11.00 | | 14.0 | | | 12.50 | | 12.50 | | 15.5 | |
| | 802.11ax-HE40 MCS0 | 102 | 5510 | 13.28 | 14.00 | 13.97 | 14.00 | 16.64 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 110 | 5550 | 15.51 | 16.50 | 14.99 | 15.00 | 18.26 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 126 | 5630 | 13.75 | 15.50 | 14.98 | 15.00 | 17.41 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 134 | 5670 | 13.16 | 15.00 | 13.81 | 15.00 | 16.50 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 142 | 5710 | 14.72 | 16.50 | 14.86 | 15.00 | 17.79 | 18.8 | | | 16.50 | | 15.00 | | 18.8 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 10.56 | 11.50 | 10.68 | 11.50 | 13.62 | 14.5 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.50 | | 11.50 | | 14.5 | 100.00 |
| | | 122 | 5610 | 13.45 | 15.00 | 14.02 | 15.00 | 16.74 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 138 | 5690 | 13.75 | 15.50 | 14.49 | 15.00 | 17.14 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE160 MCS0 | 114 | 5570 | 6.79 | 8.00 | 7.29 | 9.00 | 10.05 | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 | | 8.00 | | 9.00 | | 11.5 | 100.00 |
| | 802.11ax-HE20 MCS0 RU 26 | 100 | 5500 | 9.02 | 11.00 | 9.32 | 11.00 | 12.17 | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 |
| | | 116 | 5580 | 9.04 | 11.00 | 9.02 | 11.00 | 12.03 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 124 | 5620 | 9.29 | 11.00 | 9.23 | 11.00 | 12.26 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 132 | 5660 | 9.35 | 11.00 | 9.42 | 11.00 | 12.39 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 140 | 5700 | 9.17 | 11.00 | 9.19 | 11.00 | 12.18 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 144 | 5720 | 9.24 | 11.00 | 9.01 | 11.00 | 12.13 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 RU 52 | 100 | 5500 | 12.02 | 14.00 | 12.24 | 14.00 | 15.13 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 116 | 5580 | 12.03 | 14.00 | 12.04 | 14.00 | 15.04 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 12.08 | 14.00 | 12.25 | 14.00 | 15.17 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 12.28 | 14.00 | 12.02 | 14.00 | 15.15 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 12.30 | 14.00 | 12.39 | 14.00 | 15.35 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 144 | 5720 | 12.16 | 14.00 | 12.03 | 14.00 | 15.10 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE20 MCS0 RU 106 | 100 | 5500 | 12.05 | 14.00 | 12.40 | 14.00 | 15.23 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 116 | 5580 | 13.75 | 15.50 | 13.31 | 15.00 | 16.54 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 124 | 5620 | 13.52 | 15.50 | 13.29 | 15.00 | 16.41 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 132 | 5660 | 14.38 | 16.00 | 13.02 | 15.00 | 16.75 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 140 | 5700 | 14.32 | 16.00 | 13.03 | 15.00 | 16.72 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 144 | 5720 | 14.28 | 16.00 | 13.30 | 15.00 | 16.82 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 RU 242 | 102 | 5510 | 12.04 | 14.00 | 12.25 | 14.00 | 15.15 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 110 | 5550 | 14.05 | 16.00 | 13.39 | 15.00 | 16.73 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 126 | 5630 | 13.54 | 15.50 | 13.33 | 15.00 | 16.44 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 134 | 5670 | 14.03 | 16.00 | 13.25 | 15.00 | 16.66 | 18.5 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 142 | 5710 | 11.05 | 13.00 | 11.55 | 13.00 | 14.31 | 16.0 | | | 16.00 | | 15.00 | | 18.5 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 RU 484 | 106 | 5530 | 8.98 | 9.00 | 7.75 | 9.00 | 11.41 | 12.0 | 100.00 | | 9.00 | | 9.00 | | 12.0 | 100.00 | | 9.00 | | 9.00 | | 12.0 | 100.00 | | 9.00 | | 9.00 | | 12.0 | 100.00 |
| | | 122 | 5610 | 13.53 | 15.50 | 13.25 | 15.00 | 16.39 | 18.3 | | | 15.50 | | 15.00 | | 18.3 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 138 | 5690 | 13.02 | 15.00 | 13.03 | 15.00 | 16.03 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE160 MCS0 RU 996 | 114 | 5570 | 4.55 | 5.50 | 3.89 | 5.50 | 7.23 | 8.5 | 100.00 | | 5.50 | | 5.50 | | 8.5 | 100.00 | | 5.50 | | 5.50 | | 8.5 | 100.00 | | 5.50 | | 5.50 | | 8.5 | 100.00 |

| 5.8GHz WLAN | | | | Full Power | | | | | | | Body Standalone | | | | | | | Head SAR Standalone & simultaneous | | | | | | | Body Worn & Hotspot & Handheld SAR simultaneous | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note | Ant 7 | | Ant 11 | | Ant 7+11 | | Note |
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 17.26 | 19.00 | 14.85 | 15.00 | 19.2 | 20.5 | 100.00 | 16.78 | 17.00 | 14.85 | 15.00 | 18.92 | 19.1 | 100.00 | Not Required | 11.00 | Not Required | 11.00 | Not Required | 14.0 | 100.00 | Not Required | 14.00 | Not Required | 14.00 | Not Required | 17.0 | 100.00 |
| | | 157 | 5785 | 17.14 | 19.00 | 14.96 | 15.00 | 19.2 | 20.5 | | 16.67 | 17.00 | 14.96 | 15.00 | 18.90 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 17.17 | 19.00 | 14.90 | 15.00 | 19.2 | 20.5 | | 16.71 | 17.00 | 14.90 | 15.00 | 18.90 | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 16.61 | 18.50 | 14.87 | 15.00 | 18.8 | 20.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 157 | 5785 | 16.64 | 18.50 | 14.56 | 15.00 | 18.7 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 16.56 | 18.50 | 14.73 | 15.00 | 18.7 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 13.49 | 15.00 | 14.56 | 15.00 | 17.1 | 18.0 | 100.00 | | 15.00 | | 15.00 | | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 159 | 5795 | 13.25 | 15.00 | 14.24 | 15.00 | 16.8 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 16.72 | 18.50 | 14.96 | 15.00 | 18.9 | 20.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 157 | 5785 | 16.75 | 18.50 | 14.67 | 15.00 | 18.8 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 16.69 | 18.50 | 14.85 | 15.00 | 18.9 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 13.52 | 15.00 | 14.65 | 15.00 | 17.1 | 18.0 | 100.00 | 13.52 | 15.00 | 14.65 | 15.00 | 17.1 | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 159 | 5795 | 13.31 | 15.00 | 14.33 | 15.00 | 16.9 | 18.0 | | 13.31 | 15.00 | 14.33 | 15.00 | 16.9 | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 12.51 | 14.50 | 13.26 | 14.50 | 15.9 | 17.5 | 100.00 | | 14.50 | | 14.50 | | 17.5 | 100.00 | | 10.95 | 11.00 | 10.76 | 11.00 | 13.9 | 14.0 | 100.00 | 12.51 | 14.00 | 13.26 | 14.00 | 15.9 | 17.0 | 100.00 |
| | 802.11ax-HE20 MCS0 | 149 | 5745 | 16.74 | 18.50 | 14.98 | 15.00 | 19.0 | 20.1 | 100.00 | | 17.00 | | 15.00 | | 19.1 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 157 | 5785 | 16.76 | 18.50 | 14.79 | 15.00 | 18.9 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 16.77 | 18.50 | 14.92 | 15.00 | 18.9 | 20.1 | | | 17.00 | | 15.00 | | 19.1 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 | 151 | 5755 | 13.60 | 15.00 | 14.99 | 15.00 | 17.4 | 18.0 | 100.00 | | 15.00 | | 15.00 | | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 159 | 5795 | 13.61 | 15.00 | 14.58 | 15.00 | 17.1 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 | 155 | 5775 | 12.55 | 14.50 | 13.38 | 14.50 | 16.0 | 17.5 | 100.00 | | 14.50 | | 14.50 | | 17.5 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | 802.11ax-HE20 MCS0 RU 26 | 149 | 5745 | 9.28 | 11.00 | 9.38 | 11.00 | 12.3 | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 |
| | | 157 | 5785 | 9.18 | 11.00 | 9.21 | 11.00 | 12.2 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | | 165 | 5825 | 9.32 | 11.00 | 9.14 | 11.00 | 12.2 | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | | | 11.00 | | 11.00 | | 14.0 | |
| | 802.11ax-HE20 MCS0 RU 52 | 149 | 5745 | 12.19 | 14.00 | 12.32 | 14.00 | 15.3 | 17.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 157 | 5785 | 12.25 | 14.00 | 12.11 | 14.00 | 15.2 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 12.21 | 14.00 | 12.02 | 14.00 | 15.1 | 17.0 | | | 14.00 | | 14.00 | | 17.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE20 MCS0 RU 106 | 149 | 5745 | 13.32 | 15.00 | 13.04 | 15.00 | 16.2 | 18.0 | 100.00 | | 15.00 | | 15.00 | | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 157 | 5785 | 13.37 | 15.00 | 13.38 | 15.00 | 16.4 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | | 165 | 5825 | 13.03 | 15.00 | 13.29 | 15.00 | 16.2 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE40 MCS0 RU 242 | 151 | 5755 | 13.22 | 15.00 | 13.35 | 15.00 | 16.3 | 18.0 | 100.00 | | 15.00 | | 15.00 | | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |
| | | 159 | 5795 | 13.05 | 15.00 | 13.42 | 15.00 | 16.2 | 18.0 | | | 15.00 | | 15.00 | | 18.0 | | | 11.00 | | 11.00 | | 14.0 | | | 14.00 | | 14.00 | | 17.0 | |
| | 802.11ax-HE80 MCS0 RU 484 | 155 | 5775 | 13.20 | 15.00 | 13.21 | 15.00 | 16.2 | 18.0 | 100.00 | | 15.00 | | 14.90 | | 18.0 | 100.00 | | 11.00 | | 11.00 | | 14.0 | 100.00 | | 14.00 | | 14.00 | | 17.0 | 100.00 |

**BT BR/EDR** Ant8

| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune Up Limit | Average power (dBm) | Tune Up Limit | Average power (dBm) | Tune Up Limit |
|---|---|---|---|---|---|---|---|---|
| | | | DH5 | | 2DH5 | | 3DH5 | |
| BR / EDR | CH 00 | 2402 | 14.55 | 16.50 | 11.08 | 12.50 | 11.15 | 12.50 |
| | CH 39 | 2441 | 15.10 | 16.50 | 11.98 | 13.00 | 12.33 | 13.00 |
| | CH 78 | 2480 | 16.03 | 18.00 | 12.77 | 13.00 | 12.89 | 13.00 |

**BT BR/EDR** Ant11

| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune Up Limit | Average power (dBm) | Tune Up Limit | Average power (dBm) | Tune Up Limit |
|---|---|---|---|---|---|---|---|---|
| | | | DH5 | | 2DH5 | | 3DH5 | |
| BR / EDR | CH 00 | 2402 | 15.83 | 16.50 | 13.11 | 13.50 | 13.23 | 13.50 |
| | CH 39 | 2441 | 15.36 | 16.50 | 12.22 | 13.50 | 12.41 | 13.50 |
| | CH 78 | 2480 | 15.04 | 16.50 | 12.49 | 13.50 | 12.32 | 13.50 |

**BLE_1M** Ant8

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 7.03 |
| | CH 19 | 2440 | 7.13 |
| | CH 39 | 2480 | 5.77 |
| Tune-up Limit | | | 9.00 |

**BLE_1M** Ant11

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 7.18 |
| | CH 19 | 2440 | 6.42 |
| | CH 39 | 2480 | 6.29 |
| Tune-up Limit | | | 8.00 |

**BLE_2M** Ant8

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 7.02 |
| | CH 19 | 2440 | 7.27 |
| | CH 39 | 2480 | 6.01 |
| Tune-up Limit | | | 9.00 |

**BLE_2M** Ant11

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---|---|---|---|
| LE | CH 00 | 2402 | 7.30 |
| | CH 19 | 2440 | 6.41 |
| | CH 39 | 2480 | 6.49 |
| Tune-up Limit | | | 8.00 |