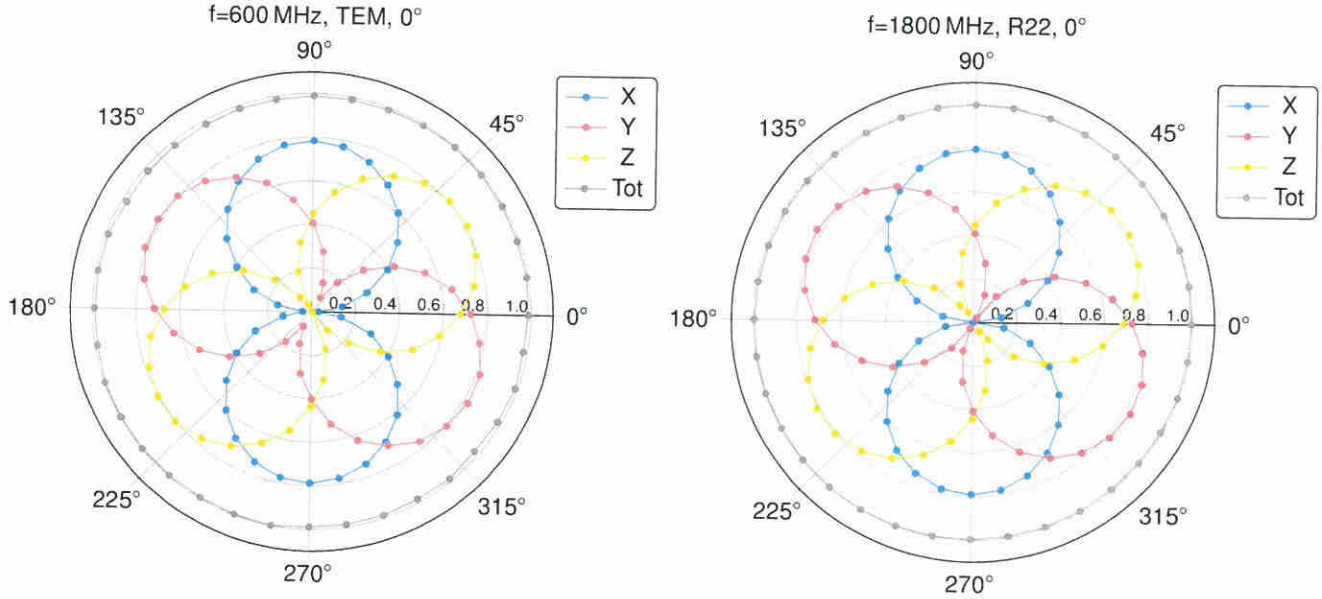
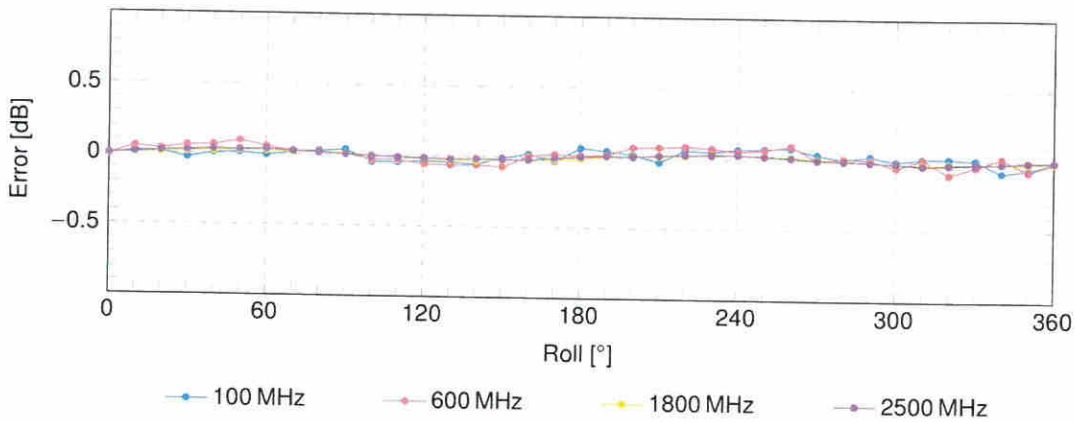
Receiving Pattern (ϕ), $\vartheta = 0°$

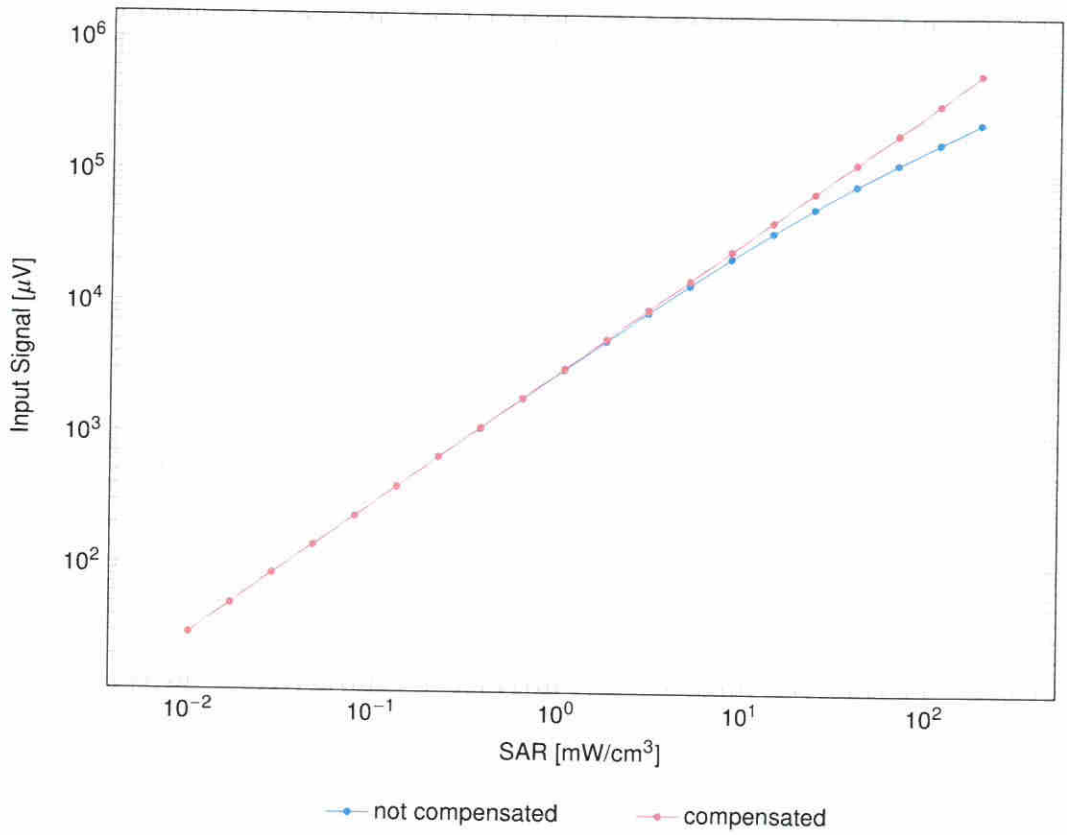


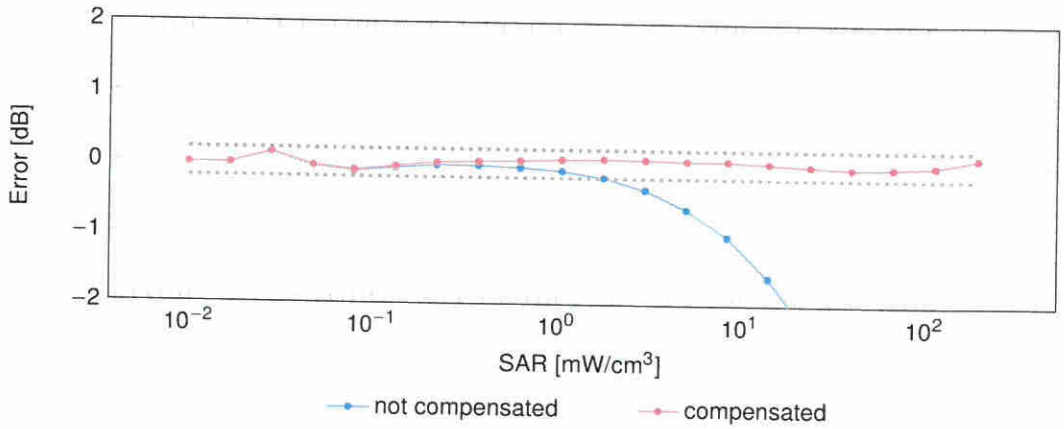


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

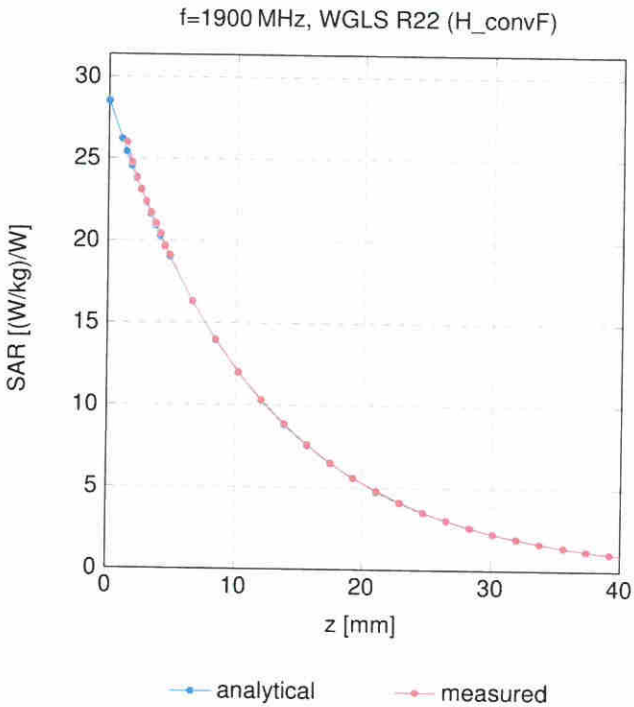
(TEM cell, f_{eval} = 1900 MHz)





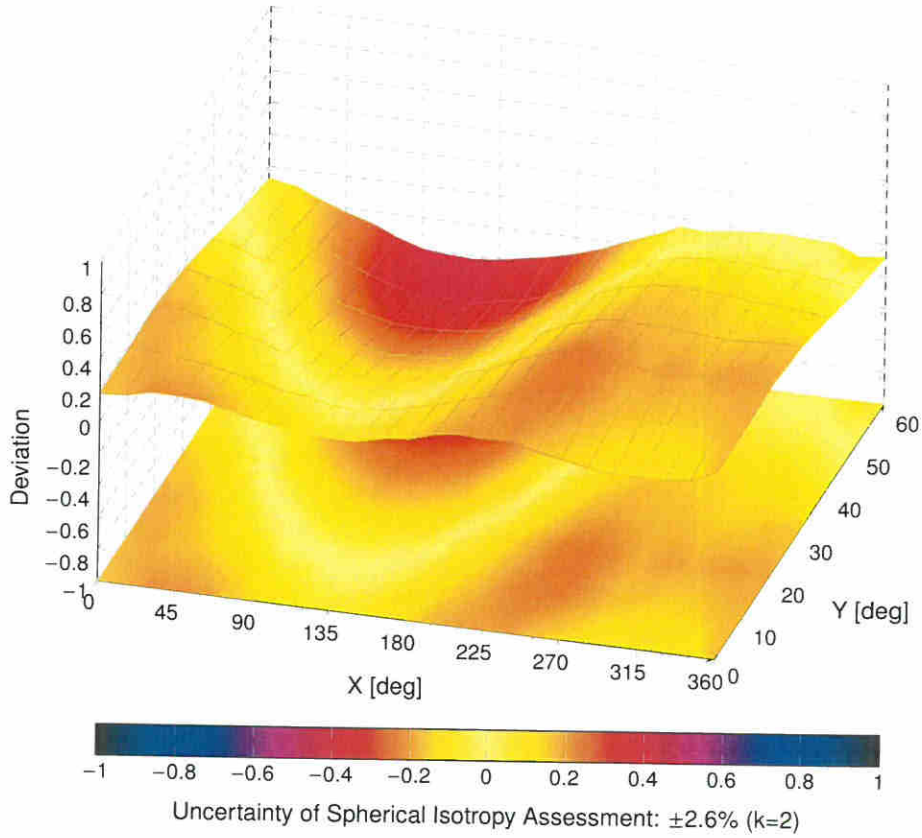
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ), f = 900 MHz



In Collaboration with
s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Client **Auden** **Certificate No: Z21-60435**

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN : 7515
Calibration Procedure(s)	FF-Z11-004-02 Calibration Procedures for Dosimetric E-field Probes
Calibration date:	December 28, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	101919	15-Jun-21(CTTL, No.J21X04466)	Jun-22
Power sensor NRP-Z91	101547	15-Jun-21(CTTL, No.J21X04466)	Jun-22
Power sensor NRP-Z91	101548	15-Jun-21(CTTL, No.J21X04466)	Jun-22
Reference 10dBAttenuator	18N50W-10dB	10-Feb-20(CTTL, No.J20X00525)	Feb-22
Reference 20dBAttenuator	18N50W-20dB	10-Feb-20(CTTL, No.J20X00526)	Feb-22
Reference Probe EX3DV4	SN 3617	27-Jan-21(SPEAG, No.EX3-3617_Jan21)	Jan-22
DAE4	SN 1555	20-Aug-21(SPEAG, No.DAE4-1555_Aug21/2)	Aug-22
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
SignalGenerator MG3700A	6201052605	16-Jun-21(CTTL, No.J21X04467)	Jun-22
Network Analyzer E5071C	MY46110673	21-Jan-21(CTTL, No.J20X00515)	Jan-22

	Name	Function	Signature
Calibrated by:	Yu Zongying	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: December 30, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

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 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) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

d) 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≤900MHz in TEM-cell; f>1800MHz: waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not effect 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 (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;VRx,y,z:*A,B,C 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≤800MHz) and inside waveguide using analytical field distributions based on power measurements for f >800MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty valued 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±50MHz to±100MHz.
- *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).

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN:7515

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (*k*=2)
Norm(μV/(V/m)^2) [A]	0.44	0.49	0.47	±10.0%
DCP(mV) [B]	98.0	98.8	100.2	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Unc [E] (*k*=2)
0	CW	X	0.0	0.0	1.0	0.00	146.7	±4.8%
		Y	0.0	0.0	1.0		161.1	
		Z	0.0	0.0	1.0		154.1	

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 4).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainly is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN:7515

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)	Unct. (k=2)
750	41.9	0.89	10.02	10.02	10.02	0.08	1.72	±12.1%
835	41.5	0.90	9.65	9.65	9.65	0.16	1.25	±12.1%
900	41.5	0.97	9.61	9.61	9.61	0.20	1.18	±12.1%
1750	40.1	1.37	8.40	8.40	8.40	0.47	0.79	±12.1%
1900	40.0	1.40	8.16	8.16	8.16	0.30	0.95	±12.1%
2000	40.0	1.40	8.23	8.23	8.23	0.19	1.29	±12.1%
2300	39.5	1.67	7.71	7.71	7.71	0.60	0.70	±12.1%
2450	39.2	1.80	7.44	7.44	7.44	0.54	0.78	±12.1%
2600	39.0	1.96	7.31	7.31	7.31	0.60	0.74	±12.1%
3300	38.2	2.71	7.10	7.10	7.10	0.43	0.92	±13.3%
3500	37.9	2.91	6.87	6.87	6.87	0.42	1.00	±13.3%
3700	37.7	3.12	6.55	6.55	6.55	0.43	1.00	±13.3%
3900	37.5	3.32	6.47	6.47	6.47	0.40	1.25	±13.3%
4100	37.2	3.53	6.53	6.53	6.53	0.40	1.15	±13.3%
4200	37.1	3.63	6.44	6.44	6.44	0.40	1.25	±13.3%
4400	36.9	3.84	6.34	6.34	6.34	0.40	1.25	±13.3%
4600	36.7	4.04	6.25	6.25	6.25	0.50	1.17	±13.3%
4800	36.4	4.25	6.22	6.22	6.22	0.45	1.20	±13.3%
4950	36.3	4.40	5.97	5.97	5.97	0.50	1.20	±13.3%
5250	35.9	4.71	5.46	5.46	5.46	0.45	1.25	±13.3%
5600	35.5	5.07	4.89	4.89	4.89	0.55	1.20	±13.3%
5750	35.4	5.22	4.96	4.96	4.96	0.55	1.25	±13.3%

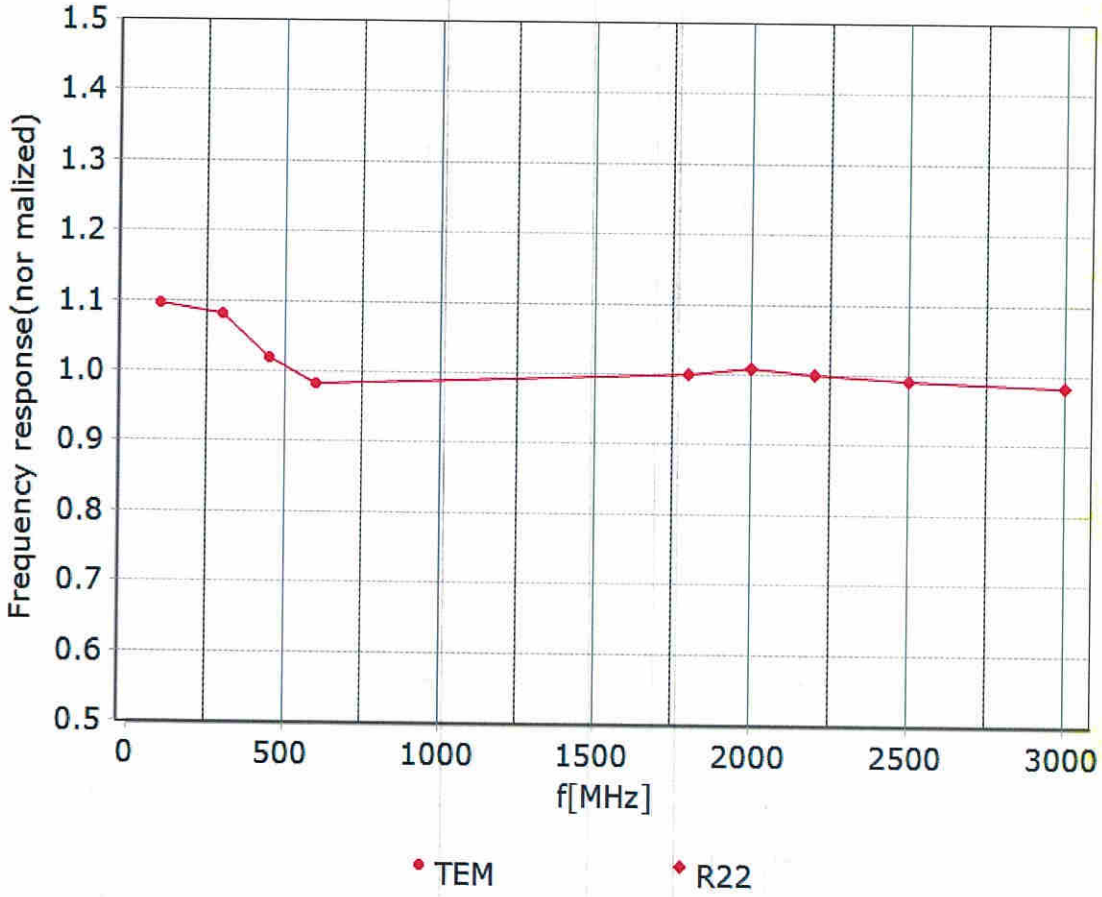
[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25,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

[F] At frequency below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ±5%. 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 the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

Frequency Response of E-Field
(TEM-Cell: ifi110 EXX, Waveguide: R22)

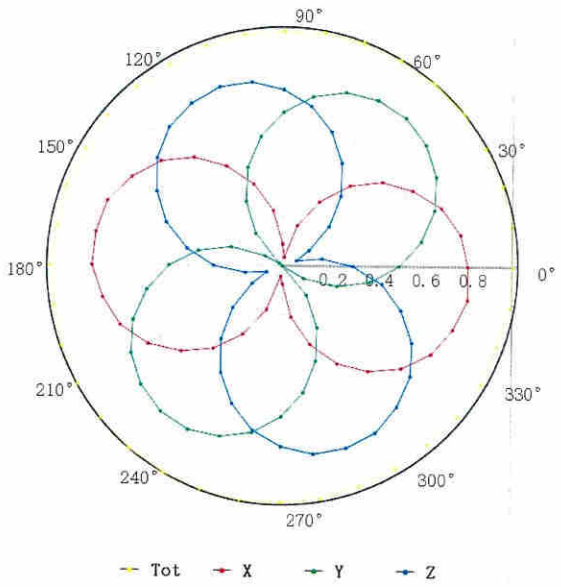


Uncertainty of Frequency Response of E-field: ±7.4% (*k*=2)

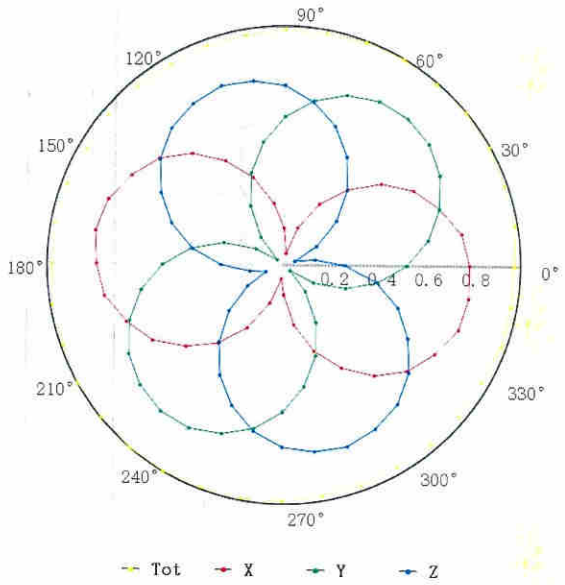
In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

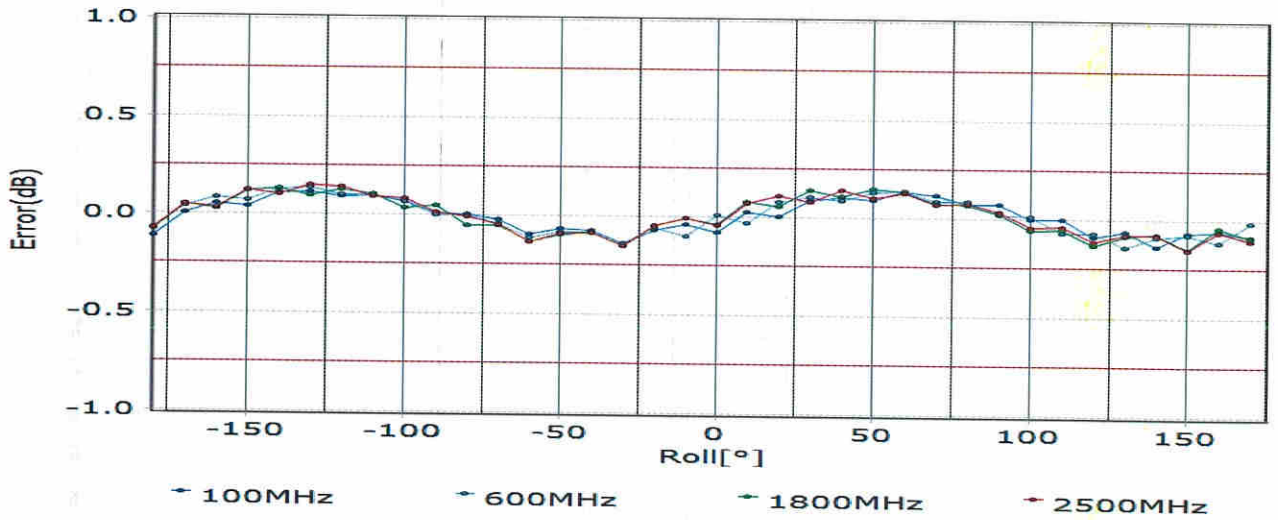
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22

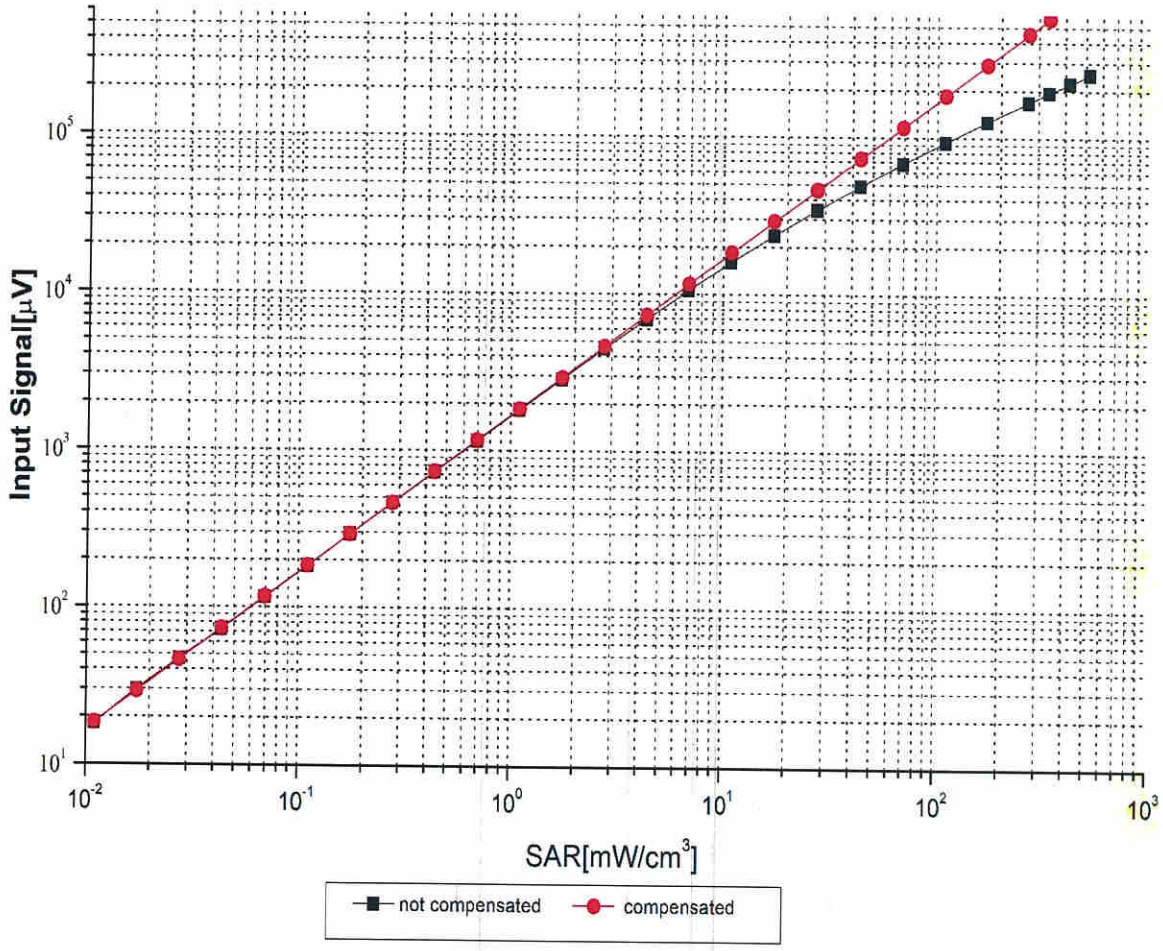


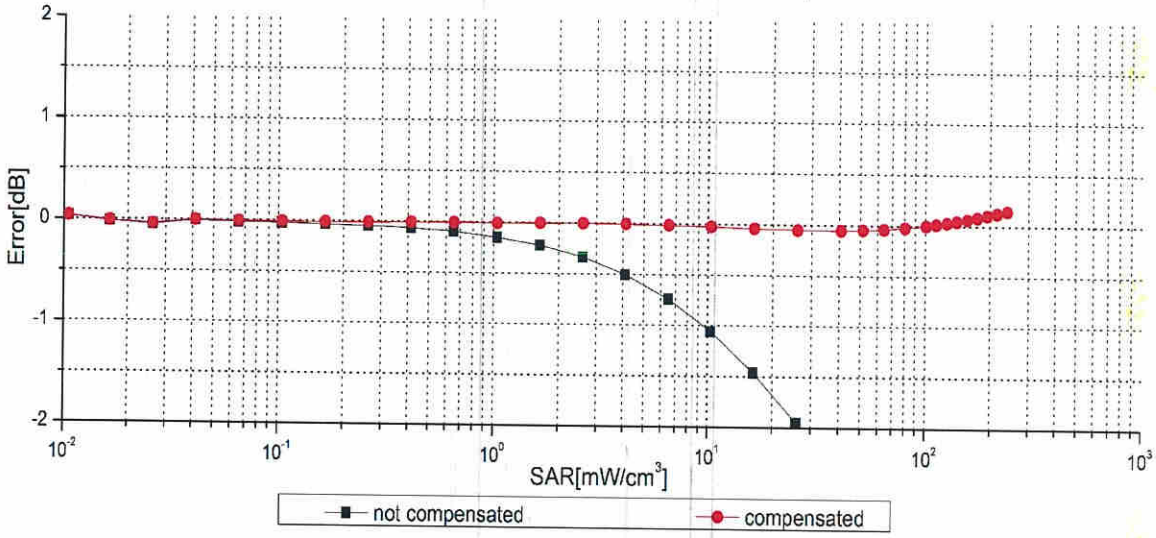


Uncertainty of Axial Isotropy Assessment: ±1.2% (*k*=2)

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

Dynamic Range f(SAR_{head})
(TEM cell, f = 900 MHz)



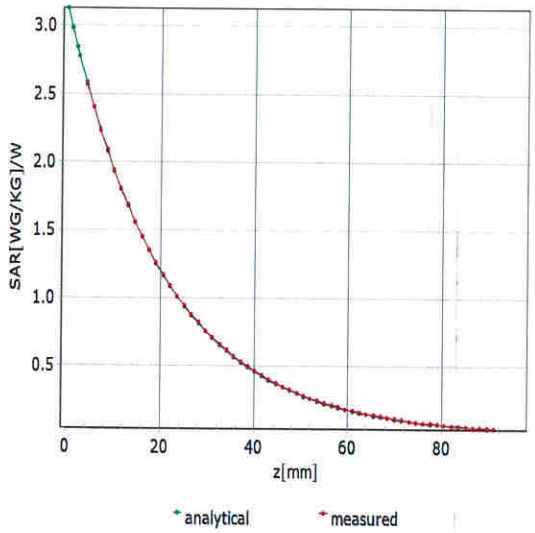


Uncertainty of Linearity Assessment: ±0.9% (*k*=2)

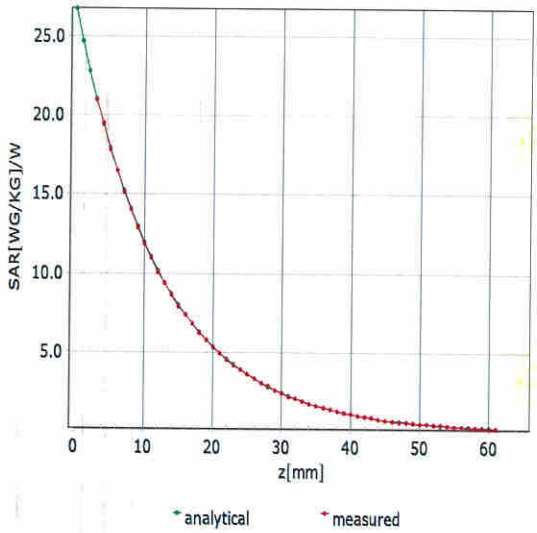
In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

Conversion Factor Assessment

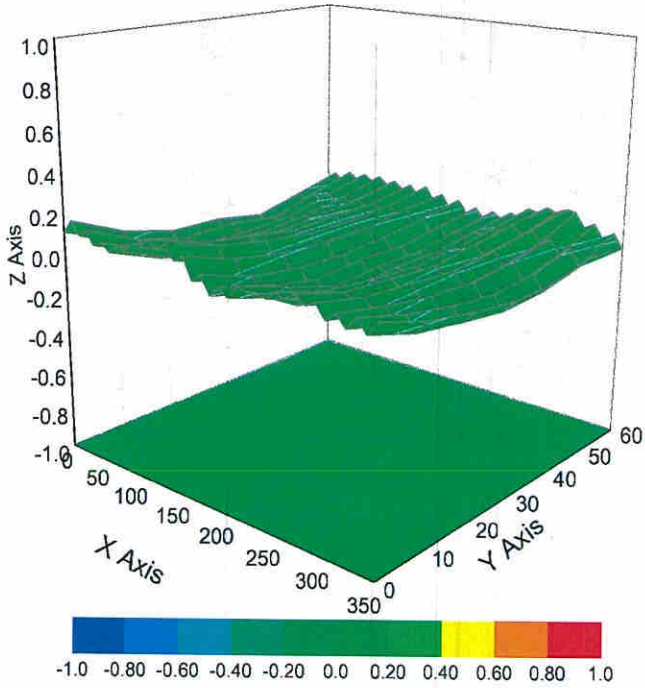
f=750 MHz,WGLS R9(H_convF)



f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (*k*=2)

In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

DASY/EASY – Parameters of Probe: EX3DV4 – SN:7515

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	175.7
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm

Appendix E. Conducted RF Output Power Table

The detailed power tables are shown as follows.

Default Power & DSI4/9/14

GSM850_ANT 1		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		33.62	33.51	33.38	**34.00**	24.62	24.51	24.38	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.61	33.49	33.37	**34.00**	24.61	24.49	24.37	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.50	30.28	30.08	**31.00**	24.50	24.28	24.08	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.63	28.45	28.18	**29.20**	24.37	24.19	23.92	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.04	27.07	26.95	**28.00**	24.04	24.07	23.95	25.00
EDGE 1 Tx slot		27.27	27.54	27.05	**28.00**	18.27	18.54	18.05	19.00
EDGE 2 Tx slots		25.08	25.09	24.92	**25.20**	19.08	19.09	18.92	19.20
EDGE 3 Tx slots		23.82	23.83	23.68	**24.00**	19.56	19.57	19.42	19.74
EDGE 4 Tx slots		23.05	23.18	23.11	**23.50**	20.05	20.18	20.11	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.38	30.14	29.95	**31.00**	24.43	24.19	23.97	24.98
	GPRS 1 Tx slot	30.52	30.28	30.04	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.34	30.29	30.05	**31.00**	24.40	24.22	24.04	24.98
	GPRS 1 Tx slot	30.50	30.19	30.07	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.59	28.39	28.18	**29.20**	24.34	24.14	23.88	24.94
	GPRS 2 Tx slots	28.61	28.41	28.12	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.53	30.32	30.12	**31.00**	22.53	22.36	22.17	22.98
	EDGE 1 Tx slot	24.81	24.80	24.65	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.51	30.22	30.17	**31.00**	22.51	22.30	22.20	22.98
	EDGE 1 Tx slot	24.77	24.86	24.60	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.68	28.55	28.27	**29.20**	21.70	21.62	21.40	22.22
	EDGE 2 Tx slots	23.49	23.48	23.36	**24.00**				

GSM1900_ANT 3		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		30.08	30.06	29.70	**31.00**	21.08	21.06	20.70	22.00
GPRS/EDGE(GMSK) 1 Tx slot		30.05	29.95	29.85	**31.00**	21.05	20.95	20.85	22.00
GPRS/EDGE(GMSK) 2 Tx slots		26.87	26.80	26.57	**28.00**	20.87	20.80	20.57	22.00
GPRS/EDGE(GMSK) 3 Tx slots		25.18	25.08	24.70	**26.20**	20.92	20.82	20.44	21.94
GPRS/EDGE(GMSK) 4 Tx slots		24.30	24.15	24.01	**25.00**	21.30	21.15	21.01	22.00
EDGE 1 Tx slot		26.03	25.96	25.80	**27.00**	17.03	16.96	16.80	18.00
EDGE 2 Tx slots		22.85	22.84	22.72	**24.00**	16.85	16.84	16.72	18.00
EDGE 3 Tx slots		21.01	20.97	20.86	**22.20**	16.75	16.71	16.60	17.94
EDGE 4 Tx slots		20.12	19.97	19.91	**21.00**	17.12	16.97	16.91	18.00
DTM Multi-slot class 5	GSM 1 Tx slot	26.85	26.82	26.58	**28.00**	20.82	20.79	20.47	21.98
	GPRS 1 Tx slot	26.83	26.81	26.40	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.76	26.64	26.51	**28.00**	20.74	20.63	20.49	21.98
	GPRS 1 Tx slot	26.77	26.67	26.52	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.12	25.09	24.80	**26.20**	20.91	20.87	20.47	21.94
	GPRS 2 Tx slots	25.20	25.15	24.70	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.82	26.75	26.66	**28.00**	19.19	19.12	19.00	20.42
	EDGE 1 Tx slot	22.62	22.56	22.35	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.83	26.78	26.56	**28.00**	19.17	19.12	18.95	20.42
	EDGE 1 Tx slot	22.52	22.49	22.42	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.15	25.17	24.71	**26.20**	18.47	18.47	18.14	19.71
	EDGE 2 Tx slots	20.71	20.68	20.52	**22.20**				

Band		WCDMA II_ANT 3			Tune-up Limit (dBm)	WCDMA IV_ANT 3			Tune-up Limit (dBm)	WCDMA V_ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.22	24.20	25.00	24.05	24.18	24.01	25.00	24.01	24.09	24.00	25.00
3GPP Rel 99	RMC 12.2Kbps	24.19	24.25	24.21	25.00	24.08	24.19	24.03	25.00	24.03	24.11	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	23.30	23.24	24.00	23.33	23.37	23.21	24.00	22.85	22.93	22.88	24.00
3GPP Rel 6	HSDPA Subtest-2	23.31	23.32	23.24	24.00	23.38	23.36	23.26	24.00	22.83	22.92	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	22.81	22.78	22.75	23.50	22.86	22.84	22.76	23.50	22.34	22.47	22.37	23.50
3GPP Rel 6	HSDPA Subtest-4	22.81	22.75	22.72	23.50	22.83	22.90	22.72	23.50	22.39	22.39	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.17	23.15	23.10	24.00	23.17	23.28	23.12	24.00	22.77	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.21	23.12	24.00	23.25	23.30	23.10	24.00	22.68	22.76	22.76	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.72	22.69	22.69	23.50	22.71	22.75	22.62	23.50	22.28	22.38	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.64	22.56	23.50	22.78	22.84	22.64	23.50	22.23	22.30	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	23.32	23.35	23.28	24.00	23.39	23.39	23.24	24.00	22.75	22.88	22.86	24.00
3GPP Rel 6	HSUPA Subtest-2	21.32	21.36	21.33	22.00	19.35	19.38	19.22	20.00	20.76	20.85	20.84	22.00
3GPP Rel 6	HSUPA Subtest-3	22.35	22.33	22.29	23.00	20.36	20.34	20.21	21.00	21.76	21.86	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	21.32	21.34	21.32	22.00	19.37	19.35	19.27	20.00	20.73	20.88	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	23.31	23.30	24.00	23.40	23.42	23.40	24.00	22.80	22.90	22.90	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.30	20.20	21.00	20.30	20.40	20.30	21.00	21.10	21.20	21.10	22.00

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.65	33.46	33.26	**34.00**	24.65	24.46	24.26	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.62	33.43	33.24	**34.00**	24.62	24.43	24.24	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.49	30.68	30.70	**31.00**	24.49	24.68	24.70	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.28	28.31	28.02	**29.20**	24.02	24.05	23.76	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.03	27.08	27.01	**28.00**	24.03	24.08	24.01	25.00
EDGE 1 Tx slot		27.15	27.12	26.91	**28.00**	18.15	18.12	17.91	19.00
EDGE 2 Tx slots		25.05	25.01	24.81	**25.20**	19.05	19.01	18.81	19.20
EDGE 3 Tx slots		23.83	23.71	23.59	**24.00**	19.57	19.45	19.33	19.74
EDGE 4 Tx slots		23.07	23.14	23.03	**23.50**	20.07	20.14	20.03	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.32	30.66	30.56	**31.00**	24.35	24.63	24.54	24.98
	GPRS 1 Tx slot	30.43	30.65	30.56	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.36	30.61	30.64	**31.00**	24.37	24.55	24.62	24.98
	GPRS 1 Tx slot	30.43	30.53	30.65	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.28	28.29	28.07	**29.20**	23.99	24.02	23.80	24.94
	GPRS 2 Tx slots	28.23	28.27	28.06	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.54	30.67	30.64	**31.00**	22.51	22.61	22.54	22.98
	EDGE 1 Tx slot	24.68	24.67	24.44	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.48	30.64	30.76	**31.00**	22.47	22.58	22.66	22.98
	EDGE 1 Tx slot	24.73	24.64	24.56	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.24	28.30	28.02	**29.20**	21.48	21.47	21.24	22.22
	EDGE 2 Tx slots	23.61	23.48	23.34	**24.00**				

GSM1900_ANT 2	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	30.64	30.34	30.27	**31.00**	21.64	21.34	21.27	22.00
GPRS/EDGE(GMSK) 1 Tx slot	30.61	30.33	30.19	**31.00**	21.61	21.33	21.19	22.00
GPRS/EDGE(GMSK) 2 Tx slots	27.41	27.33	27.10	**28.00**	21.41	21.33	21.10	22.00
GPRS/EDGE(GMSK) 3 Tx slots	25.87	25.47	25.44	**26.20**	21.61	21.21	21.18	21.94
GPRS/EDGE(GMSK) 4 Tx slots	24.75	24.83	24.57	**25.00**	21.75	21.83	21.57	22.00
EDGE 1 Tx slot	26.24	26.03	26.05	**26.50**	17.24	17.03	17.05	17.50
EDGE 2 Tx slots	23.50	23.46	23.41	**25.20**	17.50	17.46	17.41	19.20
EDGE 3 Tx slots	21.47	21.38	21.26	**23.00**	17.21	17.12	17.00	18.74
EDGE 4 Tx slots	20.35	20.17	20.17	**22.00**	17.35	17.17	17.17	19.00
DTM Multi-slot class 5	GSM 1 Tx slot	27.27	27.27	27.08	**28.00**	21.29	21.28	21.06	21.98
	GPRS 1 Tx slot	27.35	27.34	27.08	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.34	27.16	27.07	**28.00**	21.36	21.19	21.00	21.98
	GPRS 1 Tx slot	27.42	27.26	26.97	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.90	25.43	25.56	**26.20**	21.61	21.23	21.21	21.94
	GPRS 2 Tx slots	25.85	25.52	25.43	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.50	27.27	27.07	**28.00**	19.84	19.68	19.53	20.80
	EDGE 1 Tx slot	23.21	23.22	23.20	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.42	27.33	27.20	**28.00**	19.80	19.73	19.62	20.80
	EDGE 1 Tx slot	23.26	23.25	23.20	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.84	25.44	25.46	**26.20**	19.02	18.78	18.80	20.09
	EDGE 2 Tx slots	21.04	21.03	21.05	**23.00**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.55	24.62	24.60	**25.00**	24.47	24.60	24.42	**25.00**	23.97	24.02	23.96	**25.00**
3GPP Rel 99	RMC 12.2Kbps	24.59	24.65	24.61	**25.00**	24.49	24.63	24.53	**25.00**	23.98	24.03	23.97	**25.00**
3GPP Rel 6	HSDPA Subtest-1	23.71	23.74	23.72	**24.00**	23.76	23.80	23.68	**24.00**	22.92	22.97	22.89	**24.00**
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	**24.00**	23.72	23.80	23.67	**24.00**	22.93	22.92	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-3	23.21	23.28	23.21	**23.50**	23.22	23.33	23.21	**23.50**	22.38	22.41	22.36	**23.50**
3GPP Rel 6	HSDPA Subtest-4	23.19	23.26	23.22	**23.50**	23.22	23.31	23.20	**23.50**	22.38	22.42	22.33	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-1	23.64	23.63	23.59	**24.00**	23.66	23.72	23.56	**24.00**	22.84	22.82	22.76	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-2	23.65	23.59	23.70	**24.00**	23.62	23.70	23.56	**24.00**	22.79	22.84	22.82	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-3	23.12	23.16	23.09	**23.50**	23.13	23.22	23.05	**23.50**	22.26	22.29	22.30	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-4	23.11	23.15	23.07	**23.50**	23.15	23.26	23.12	**23.50**	22.26	22.31	22.17	**23.50**
3GPP Rel 6	HSUPA Subtest-1	23.75	23.76	23.77	**24.00**	23.77	23.84	23.68	**24.00**	22.82	22.91	22.87	**24.00**
3GPP Rel 6	HSUPA Subtest-2	21.74	21.76	21.78	**22.00**	19.78	19.86	19.71	**20.00**	20.86	20.94	20.81	**22.00**
3GPP Rel 6	HSUPA Subtest-3	22.73	22.78	22.81	**23.00**	20.81	20.88	20.70	**21.00**	21.85	21.96	21.80	**23.00**
3GPP Rel 6	HSUPA Subtest-4	21.78	21.83	21.75	**22.00**	19.77	19.82	19.67	**20.00**	20.84	20.95	20.89	**22.00**
3GPP Rel 6	HSUPA Subtest-5	23.80	23.80	23.70	**24.00**	23.80	23.80	23.70	**24.00**	22.90	22.70	22.90	**24.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.30	20.20	**21.00**	20.40	20.40	20.20	**21.00**	20.10	20.30	20.20	**22.00**

Band 2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.74	23.89	23.5	25	0
20	QPSK	1	49	23.63	23.54	23.43		
20	QPSK	1	99	23.48	23.48	23.4		
20	QPSK	50	0	22.68	22.73	22.6	24	1
20	QPSK	50	24	22.64	22.57	22.68		
20	QPSK	50	50	22.62	22.55	22.62		
20	QPSK	100	0	22.62	22.68	22.64		
20	16QAM	1	0	22.88	22.88	23.2	24	1
20	16QAM	1	49	22.84	22.96	23.07		
20	16QAM	1	99	22.73	22.81	22.71		
20	16QAM	50	0	21.72	21.69	21.68	23	2
20	16QAM	50	24	21.67	21.56	21.67		
20	16QAM	50	50	21.66	21.71	21.65		
20	16QAM	100	0	21.62	21.68	21.73		
20	64QAM	1	0	22.04	21.87	21.86	23	2
20	64QAM	1	49	21.94	22.01	21.57		
20	64QAM	1	99	21.56	21.74	21.65		
20	64QAM	50	0	20.57	20.58	20.58	22	3
20	64QAM	50	24	20.62	20.51	20.76		
20	64QAM	50	50	20.56	20.65	20.66		
20	64QAM	100	0	20.65	20.59	20.67		
20	256QAM	1	0	18.90	18.93	18.90	20	5
20	256QAM	1	49	18.93	19.00	18.94		
20	256QAM	1	99	18.93	19.02	19.00		
20	256QAM	50	0	18.80	18.87	18.78	20	5
20	256QAM	50	24	18.87	18.85	18.87		
20	256QAM	50	50	18.90	18.92	18.92		
20	256QAM	100	0	18.80	18.86	18.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.71	23.57	23.48	25	0
15	QPSK	1	37	23.58	23.57	23.53		
15	QPSK	1	74	23.48	23.54	23.52		
15	QPSK	36	0	22.67	22.68	22.64	24	1
15	QPSK	36	20	22.68	22.66	22.62		
15	QPSK	36	39	22.6	22.61	22.56		
15	QPSK	75	0	22.69	22.61	22.61		
15	16QAM	1	0	22.84	22.58	22.49	24	1
15	16QAM	1	37	22.67	22.8	22.83		
15	16QAM	1	74	22.46	22.76	22.78		
15	16QAM	36	0	21.63	21.66	21.5	23	2
15	16QAM	36	20	21.68	21.65	21.59		
15	16QAM	36	39	21.52	21.51	21.68		
15	16QAM	75	0	21.73	21.69	21.64		
15	64QAM	1	0	22.17	21.92	21.77	23	2
15	64QAM	1	37	22.06	22.02	22.12		
15	64QAM	1	74	21.95	21.7	21.85		
15	64QAM	36	0	20.7	20.57	20.58	22	3
15	64QAM	36	20	20.67	20.68	20.66		
15	64QAM	36	39	20.64	20.69	20.67		
15	64QAM	75	0	20.72	20.66	20.65		
15	256QAM	1	0	18.89	18.92	18.81	20	5
15	256QAM	1	37	18.99	18.99	18.97		
15	256QAM	1	74	19.02	18.98	19.01		
15	256QAM	36	0	18.81	18.88	18.80	20	5
15	256QAM	36	20	18.79	18.86	18.73		
15	256QAM	36	39	18.85	18.90	18.85		
15	256QAM	75	0	18.80	18.81	18.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.77	23.73	23.66	25	0
10	QPSK	1	25	23.76	23.78	23.8		
10	QPSK	1	49	23.53	23.67	23.62		
10	QPSK	25	0	22.91	22.79	22.67	24	1
10	QPSK	25	12	22.88	22.72	22.67		
10	QPSK	25	25	22.73	22.68	22.7		
10	QPSK	50	0	22.77	22.74	22.73		
10	16QAM	1	0	23.09	23.07	23.07	24	1
10	16QAM	1	25	22.99	23.01	22.92		
10	16QAM	1	49	22.82	22.88	23.18		
10	16QAM	25	0	21.87	21.76	21.75	23	2
10	16QAM	25	12	21.87	21.66	21.74		
10	16QAM	25	25	21.84	21.74	21.67		
10	16QAM	50	0	21.86	21.84	21.64		
10	64QAM	1	0	22.16	22.1	21.74	23	2
10	64QAM	1	25	21.88	22.2	22.12		
10	64QAM	1	49	21.75	21.8	21.9		
10	64QAM	25	0	20.95	20.69	20.65	22	3
10	64QAM	25	12	20.82	20.63	20.62		
10	64QAM	25	25	20.79	20.62	20.8		
10	64QAM	50	0	20.85	20.73	20.69		
10	256QAM	1	0	18.91	18.87	18.80	20	5
10	256QAM	1	25	19.01	18.96	19.00		
10	256QAM	1	49	18.94	19.05	18.98		
10	256QAM	25	0	18.83	18.90	18.77	20	5
10	256QAM	25	12	18.86	18.82	18.81		
10	256QAM	25	25	18.87	18.88	18.87		
10	256QAM	50	0	18.76	18.87	18.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.77	23.87	23.68	25	0
5	QPSK	1	12	23.78	23.68	23.76		
5	QPSK	1	24	23.48	23.61	23.59		
5	QPSK	12	0	22.88	22.76	22.64	24	1
5	QPSK	12	7	22.85	22.83	22.68		
5	QPSK	12	13	22.72	22.67	22.63		
5	QPSK	25	0	22.8	22.77	22.62		
5	16QAM	1	0	22.63	22.93	23.08	24	1
5	16QAM	1	12	23.08	22.8	23.11		
5	16QAM	1	24	23.06	23.02	22.92		
5	16QAM	12	0	21.89	21.79	21.72	23	2
5	16QAM	12	7	21.84	21.94	21.71		
5	16QAM	12	13	21.82	21.7	21.65		
5	16QAM	25	0	21.81	21.83	21.65		
5	64QAM	1	0	21.94	21.92	21.95	23	2
5	64QAM	1	12	21.8	22.01	21.81		
5	64QAM	1	24	21.84	22.03	21.88		
5	64QAM	12	0	20.94	20.73	20.75	22	3
5	64QAM	12	7	20.78	20.92	20.76		
5	64QAM	12	13	20.8	20.81	20.62		
5	64QAM	25	0	20.76	20.71	20.62		
5	256QAM	1	0	18.93	18.86	18.86	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	18.98	19.05	18.93		
5	256QAM	12	0	18.81	18.89	18.77	20	5
5	256QAM	12	7	18.84	18.83	18.82		
5	256QAM	12	13	18.91	18.93	18.79		
5	256QAM	25	0	18.80	18.88	18.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.62	23.72	23.76	25	0
3	QPSK	1	8	23.78	23.71	23.76		
3	QPSK	1	14	23.38	23.66	23.7		
3	QPSK	8	0	22.84	22.85	22.64	24	1
3	QPSK	8	4	22.76	22.79	22.7		
3	QPSK	8	7	22.77	22.76	22.64		
3	QPSK	15	0	22.84	22.66	22.66		
3	16QAM	1	0	22.59	23.05	22.88	24	1
3	16QAM	1	8	23.02	23.01	22.71		
3	16QAM	1	14	23.01	22.76	22.85		
3	16QAM	8	0	22.01	21.92	21.8	23	2
3	16QAM	8	4	21.78	21.68	21.78		
3	16QAM	8	7	21.76	21.67	21.56		
3	16QAM	15	0	21.88	21.72	21.67		
3	64QAM	1	0	21.81	21.91	21.93	23	2
3	64QAM	1	8	22.06	22.01	21.7		
3	64QAM	1	14	21.81	21.69	21.65		
3	64QAM	8	0	21	20.81	20.8	22	3
3	64QAM	8	4	20.9	20.73	20.68		
3	64QAM	8	7	20.72	20.84	20.64		
3	64QAM	15	0	20.86	20.79	20.62		
3	256QAM	1	0	18.92	18.92	18.86	20	5
3	256QAM	1	8	19.01	19.03	18.97		
3	256QAM	1	14	18.96	18.98	18.98		
3	256QAM	8	0	18.83	18.90	18.86	20	5
3	256QAM	8	4	18.78	18.84	18.82		
3	256QAM	8	7	18.84	18.93	18.84		
3	256QAM	15	0	18.81	18.82	18.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.85	23.77	23.58	25	0
1.4	QPSK	1	3	23.75	23.6	23.76		
1.4	QPSK	1	5	23.68	23.53	23.61		
1.4	QPSK	3	0	23.71	23.72	23.69		
1.4	QPSK	3	1	23.74	23.72	23.62		
1.4	QPSK	3	3	23.64	23.69	23.59		
1.4	QPSK	6	0	22.82	22.72	22.64	24	1
1.4	16QAM	1	0	23.09	23.11	23.12	24	1
1.4	16QAM	1	3	23.09	22.77	23.14		
1.4	16QAM	1	5	23.04	22.93	22.7		
1.4	16QAM	3	0	22.98	22.61	22.84		
1.4	16QAM	3	1	22.9	22.91	22.89		
1.4	16QAM	3	3	22.86	22.82	22.78		
1.4	16QAM	6	0	22.02	21.79	21.79	23	2
1.4	64QAM	1	0	21.84	21.73	22.04	23	2
1.4	64QAM	1	3	21.79	21.56	22.03		
1.4	64QAM	1	5	21.75	21.69	21.73		
1.4	64QAM	3	0	21.79	21.7	21.76		
1.4	64QAM	3	1	22.13	21.97	21.85		
1.4	64QAM	3	3	21.9	21.64	21.85		
1.4	64QAM	6	0	20.91	20.75	20.67	22	3
1.4	256QAM	1	0	18.94	18.90	18.86	20	5
1.4	256QAM	1	3	18.97	19.02	18.95		
1.4	256QAM	1	5	18.99	18.96	19.03		
1.4	256QAM	3	0	18.77	18.90	18.84		
1.4	256QAM	3	1	18.86	18.78	18.75		
1.4	256QAM	3	3	18.89	18.93	18.87		
1.4	256QAM	6	0	18.82	18.84	18.85	20	5

Band 4_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.64	23.71	23.45	25	0
20	QPSK	1	49	23.52	23.57	23.38		
20	QPSK	1	99	23.4	23.52	23.3		
20	QPSK	50	0	22.51	22.6	22.37	24	1
20	QPSK	50	24	22.46	22.56	22.29		
20	QPSK	50	50	22.37	22.47	22.25		
20	QPSK	100	0	22.47	22.5	22.27		
20	16QAM	1	0	22.68	22.9	22.85	24	1
20	16QAM	1	49	22.93	22.89	22.63		
20	16QAM	1	99	22.55	22.63	22.93		
20	16QAM	50	0	21.47	21.5	21.4	23	2
20	16QAM	50	24	21.54	21.54	21.36		
20	16QAM	50	50	21.51	21.47	21.26		
20	16QAM	100	0	21.49	21.36	21.32		
20	64QAM	1	0	21.59	21.78	21.46	23	2
20	64QAM	1	49	21.89	21.55	21.45		
20	64QAM	1	99	21.65	21.42	21.51		
20	64QAM	50	0	20.46	20.54	20.48	22	3
20	64QAM	50	24	20.59	20.31	20.37		
20	64QAM	50	50	20.46	20.55	20.33		
20	64QAM	100	0	20.55	20.37	20.32		
20	256QAM	1	0	18.83	18.86	18.76	20	5
20	256QAM	1	49	18.79	18.83	18.73		
20	256QAM	1	99	18.83	18.85	18.80		
20	256QAM	50	0	18.64	18.66	18.65	20	5
20	256QAM	50	24	18.59	18.65	18.52		
20	256QAM	50	50	18.66	18.70	18.57		
20	256QAM	100	0	18.62	18.62	18.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.52	23.66	23.25	25	0
15	QPSK	1	37	23.5	23.62	23.32		
15	QPSK	1	74	23.28	23.22	23.43		
15	QPSK	36	0	22.49	22.38	22.35	24	1
15	QPSK	36	20	22.55	22.44	22.42		
15	QPSK	36	39	22.47	22.37	22.35		
15	QPSK	75	0	22.45	22.36	22.24		
15	16QAM	1	0	22.73	22.81	22.79	24	1
15	16QAM	1	37	22.62	22.78	22.66		
15	16QAM	1	74	22.66	22.64	22.63		
15	16QAM	36	0	21.48	21.48	21.25	23	2
15	16QAM	36	20	21.53	21.51	21.4		
15	16QAM	36	39	21.47	21.47	21.34		
15	16QAM	75	0	21.44	21.39	21.31		
15	64QAM	1	0	21.54	21.72	21.71	23	2
15	64QAM	1	37	21.63	21.81	21.43		
15	64QAM	1	74	21.56	21.57	21.57		
15	64QAM	36	0	20.61	20.36	20.37	22	3
15	64QAM	36	20	20.47	20.46	20.33		
15	64QAM	36	39	20.42	20.42	20.33		
15	64QAM	75	0	20.39	20.37	20.36		
15	256QAM	1	0	18.79	18.84	18.78	20	5
15	256QAM	1	37	18.78	18.80	18.84		
15	256QAM	1	74	18.83	18.91	18.86		
15	256QAM	36	0	18.67	18.66	18.60	20	5
15	256QAM	36	20	18.59	18.58	18.57		
15	256QAM	36	39	18.59	18.64	18.60		
15	256QAM	75	0	18.66	18.56	18.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.5	23.62	23.51	25	0
10	QPSK	1	25	23.66	23.59	23.4		
10	QPSK	1	49	23.51	23.32	23.24		
10	QPSK	25	0	22.47	22.52	22.58	24	1
10	QPSK	25	12	22.6	22.46	22.54		
10	QPSK	25	25	22.56	22.58	22.49		
10	QPSK	50	0	22.63	22.43	22.5		
10	16QAM	1	0	22.87	22.71	22.85	24	1
10	16QAM	1	25	22.87	22.73	22.84		
10	16QAM	1	49	22.81	22.68	22.53		
10	16QAM	25	0	21.49	21.54	21.63	23	2
10	16QAM	25	12	21.64	21.6	21.57		
10	16QAM	25	25	21.63	21.58	21.44		
10	16QAM	50	0	21.62	21.55	21.47		
10	64QAM	1	0	21.89	21.83	21.81	23	2
10	64QAM	1	25	21.86	21.72	21.69		
10	64QAM	1	49	21.83	21.54	21.57		
10	64QAM	25	0	20.57	20.51	20.58	22	3
10	64QAM	25	12	20.67	20.56	20.52		
10	64QAM	25	25	20.59	20.64	20.49		
10	64QAM	50	0	20.62	20.51	20.47		
10	256QAM	1	0	18.77	18.83	18.73	20	5
10	256QAM	1	25	18.80	18.86	18.82		
10	256QAM	1	49	18.79	18.86	18.82		
10	256QAM	25	0	18.64	18.69	18.61	20	5
10	256QAM	25	12	18.53	18.61	18.57		
10	256QAM	25	25	18.63	18.63	18.69		
10	256QAM	50	0	18.65	18.60	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.5	23.45	25	0
5	QPSK	1	12	23.51	23.52	23.38		
5	QPSK	1	24	23.58	23.51	23.41		
5	QPSK	12	0	22.67	22.49	22.49	24	1
5	QPSK	12	7	22.69	22.6	22.43		
5	QPSK	12	13	22.62	22.52	22.39		
5	QPSK	25	0	22.68	22.49	22.43		
5	16QAM	1	0	22.82	22.74	22.56	24	1
5	16QAM	1	12	22.47	22.83	22.89		
5	16QAM	1	24	22.74	22.86	22.72		
5	16QAM	12	0	21.66	21.59	21.51	23	2
5	16QAM	12	7	21.65	21.56	21.46		
5	16QAM	12	13	21.64	21.49	21.38		
5	16QAM	25	0	21.71	21.5	21.53		
5	64QAM	1	0	21.86	21.9	21.63	23	2
5	64QAM	1	12	21.89	21.86	21.55		
5	64QAM	1	24	21.56	21.7	21.62		
5	64QAM	12	0	20.74	20.58	20.48	22	3
5	64QAM	12	7	20.72	20.46	20.57		
5	64QAM	12	13	20.65	20.6	20.46		
5	64QAM	25	0	20.64	20.5	20.56		
5	256QAM	1	0	18.77	18.86	18.76	20	5
5	256QAM	1	12	18.81	18.81	18.81		
5	256QAM	1	24	18.86	18.84	18.83		
5	256QAM	12	0	18.64	18.64	18.66	20	5
5	256QAM	12	7	18.53	18.63	18.63		
5	256QAM	12	13	18.63	18.71	18.66		
5	256QAM	25	0	18.60	18.60	18.67		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.62	23.53	23.36	25	0
3	QPSK	1	8	23.59	23.58	23.39		
3	QPSK	1	14	23.56	23.41	23.33		
3	QPSK	8	0	22.67	22.45	22.44	24	1
3	QPSK	8	4	22.66	22.64	22.44		
3	QPSK	8	7	22.56	22.64	22.44		
3	QPSK	15	0	22.62	22.48	22.44		
3	16QAM	1	0	22.61	22.65	22.6	24	1
3	16QAM	1	8	22.74	22.83	22.82		
3	16QAM	1	14	22.79	22.91	22.58		
3	16QAM	8	0	21.63	21.55	21.62	23	2
3	16QAM	8	4	21.65	21.58	21.64		
3	16QAM	8	7	21.48	21.63	21.4		
3	16QAM	15	0	21.66	21.45	21.41		
3	64QAM	1	0	21.86	21.99	21.67	23	2
3	64QAM	1	8	21.82	21.52	21.85		
3	64QAM	1	14	21.7	21.85	21.78		
3	64QAM	8	0	20.74	20.56	20.55	22	3
3	64QAM	8	4	20.64	20.59	20.52		
3	64QAM	8	7	20.6	20.61	20.43		
3	64QAM	15	0	20.73	20.46	20.55		
3	256QAM	1	0	18.83	18.81	18.81	20	5
3	256QAM	1	8	18.79	18.84	18.75		
3	256QAM	1	14	18.80	18.83	18.85		
3	256QAM	8	0	18.63	18.68	18.61	20	5
3	256QAM	8	4	18.53	18.58	18.59		
3	256QAM	8	7	18.62	18.66	18.65		
3	256QAM	15	0	18.67	18.62	18.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.51	23.56	23.28	25	0
1.4	QPSK	1	3	23.62	23.49	23.39		
1.4	QPSK	1	5	23.61	23.33	23.38		
1.4	QPSK	3	0	23.69	23.53	23.39		
1.4	QPSK	3	1	23.55	23.46	23.34		
1.4	QPSK	3	3	23.67	23.57	23.6		
1.4	QPSK	6	0	22.63	22.56	22.4	24	1
1.4	16QAM	1	0	23.06	22.94	22.82	24	1
1.4	16QAM	1	3	22.85	22.82	22.85		
1.4	16QAM	1	5	22.89	22.87	22.67		
1.4	16QAM	3	0	22.78	22.79	22.64		
1.4	16QAM	3	1	22.63	22.61	22.65		
1.4	16QAM	3	3	22.77	22.56	22.63		
1.4	16QAM	6	0	21.66	21.68	21.39	23	2
1.4	64QAM	1	0	21.47	21.92	21.52	23	2
1.4	64QAM	1	3	21.81	21.96	21.53		
1.4	64QAM	1	5	21.65	21.62	21.64		
1.4	64QAM	3	0	21.72	21.58	21.6		
1.4	64QAM	3	1	21.73	21.57	21.4		
1.4	64QAM	3	3	21.75	21.68	21.64		
1.4	64QAM	6	0	20.62	20.67	20.38	22	3
1.4	256QAM	1	0	18.76	18.81	18.77	20	5
1.4	256QAM	1	3	18.71	18.78	18.79		
1.4	256QAM	1	5	18.85	18.87	18.87		
1.4	256QAM	3	0	18.68	18.61	18.67		
1.4	256QAM	3	1	18.55	18.66	18.64		
1.4	256QAM	3	3	18.60	18.71	18.66		
1.4	256QAM	6	0	18.66	18.56	18.67	20	5

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.55	23.68	23.64	25	0
10	QPSK	1	25	23.38	23.55	23.45		
10	QPSK	1	49	23.24	23.47	23.38		
10	QPSK	25	0	22.45	22.49	22.43	24	1
10	QPSK	25	12	22.36	22.44	22.36		
10	QPSK	25	25	22.31	22.4	22.34		
10	QPSK	50	0	22.47	22.55	22.35		
10	16QAM	1	0	22.8	22.86	22.76	24	1
10	16QAM	1	25	22.7	23.13	23.12		
10	16QAM	1	49	22.85	22.79	22.95		
10	16QAM	25	0	21.41	21.34	21.46	23	2
10	16QAM	25	12	21.47	21.37	21.54		
10	16QAM	25	25	21.45	21.45	21.36		
10	16QAM	50	0	21.44	21.38	21.52		
10	64QAM	1	0	21.94	21.57	21.67	23	2
10	64QAM	1	25	21.66	21.82	21.55		
10	64QAM	1	49	21.76	21.61	21.68		
10	64QAM	25	0	20.33	20.36	20.49	22	3
10	64QAM	25	12	20.52	20.43	20.54		
10	64QAM	25	25	20.53	20.45	20.63		
10	64QAM	50	0	20.45	20.4	20.47		
10	256QAM	1	0	19.04	19.08	19.02	20	5
10	256QAM	1	25	19.01	19.03	18.96		
10	256QAM	1	49	18.92	19.01	18.89		
10	256QAM	25	0	19.01	18.96	19.01	20	5
10	256QAM	25	12	18.91	19.00	18.95		
10	256QAM	25	25	18.96	19.02	18.91		
10	256QAM	50	0	18.89	18.95	18.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.4	23.4	25	0
5	QPSK	1	12	23.39	23.51	23.49		
5	QPSK	1	24	23.33	23.44	23.28		
5	QPSK	12	0	22.29	22.39	22.39	24	1
5	QPSK	12	7	22.47	22.39	22.43		
5	QPSK	12	13	22.5	22.41	22.42		
5	QPSK	25	0	22.38	22.37	22.34		
5	16QAM	1	0	22.79	22.73	22.98	24	1
5	16QAM	1	12	22.81	22.97	23.02		
5	16QAM	1	24	22.85	22.97	22.63		
5	16QAM	12	0	21.31	21.48	21.36	23	2
5	16QAM	12	7	21.5	21.49	21.48		
5	16QAM	12	13	21.52	21.37	21.44		
5	16QAM	25	0	21.47	21.35	21.37		
5	64QAM	1	0	21.57	21.38	21.42	23	2
5	64QAM	1	12	21.88	21.77	21.71		
5	64QAM	1	24	21.65	21.88	21.78		
5	64QAM	12	0	20.4	20.4	20.38	22	3
5	64QAM	12	7	20.46	20.55	20.48		
5	64QAM	12	13	20.56	20.54	20.34		
5	64QAM	25	0	20.44	20.47	20.46		
5	256QAM	1	0	19.01	19.04	18.96	20	5
5	256QAM	1	12	18.96	19.00	18.94		
5	256QAM	1	24	18.99	18.94	18.93		
5	256QAM	12	0	18.96	18.92	18.96	20	5
5	256QAM	12	7	18.96	18.98	19.02		
5	256QAM	12	13	18.99	18.97	18.99		
5	256QAM	25	0	18.87	18.96	18.95		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.23	23.45	23.22	25	0
3	QPSK	1	8	23.37	23.41	23.41		
3	QPSK	1	14	23.19	23.38	23.33		
3	QPSK	8	0	22.44	22.38	22.3	24	1
3	QPSK	8	4	22.44	22.48	22.42		
3	QPSK	8	7	22.41	22.41	22.4		
3	QPSK	15	0	22.47	22.3	22.37		
3	16QAM	1	0	22.49	22.7	22.66	24	1
3	16QAM	1	8	22.54	22.88	22.87		
3	16QAM	1	14	22.57	22.49	22.85		
3	16QAM	8	0	21.49	21.4	21.39	23	2
3	16QAM	8	4	21.41	21.57	21.53		
3	16QAM	8	7	21.42	21.52	21.53		
3	16QAM	15	0	21.48	21.39	21.53		
3	64QAM	1	0	21.92	21.55	21.65	23	2
3	64QAM	1	8	21.65	21.86	21.75		
3	64QAM	1	14	21.65	21.61	21.54		
3	64QAM	8	0	20.39	20.42	20.44	22	3
3	64QAM	8	4	20.43	20.5	20.44		
3	64QAM	8	7	20.47	20.31	20.57		
3	64QAM	15	0	20.47	20.36	20.44		
3	256QAM	1	0	19.10	19.08	19.06	20	5
3	256QAM	1	8	18.98	19.01	18.97		
3	256QAM	1	14	18.91	19.01	18.97		
3	256QAM	8	0	18.98	18.89	18.98	20	5
3	256QAM	8	4	18.91	19.01	18.99		
3	256QAM	8	7	18.97	19.04	18.98		
3	256QAM	15	0	18.93	18.89	18.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.37	23.25	23.46	25	0
1.4	QPSK	1	3	23.39	23.28	23.37		
1.4	QPSK	1	5	23.33	23.31	23.38		
1.4	QPSK	3	0	23.35	23.35	23.45		
1.4	QPSK	3	1	23.38	23.3	23.33		
1.4	QPSK	3	3	23.22	23.33	23.31		
1.4	QPSK	6	0	22.32	22.3	22.43	24	1
1.4	16QAM	1	0	22.47	22.58	22.78	24	1
1.4	16QAM	1	3	22.69	22.54	22.64		
1.4	16QAM	1	5	22.9	22.87	22.68		
1.4	16QAM	3	0	22.46	22.51	22.41		
1.4	16QAM	3	1	22.44	22.42	22.68		
1.4	16QAM	3	3	22.42	22.48	22.66		
1.4	16QAM	6	0	21.53	21.46	21.53	23	2
1.4	64QAM	1	0	21.64	21.38	21.69	23	2
1.4	64QAM	1	3	21.38	21.32	21.55		
1.4	64QAM	1	5	21.69	21.49	21.6		
1.4	64QAM	3	0	21.73	21.39	21.54		
1.4	64QAM	3	1	21.78	21.37	21.64		
1.4	64QAM	3	3	21.55	21.38	21.51		
1.4	64QAM	6	0	20.44	20.34	20.61	22	3
1.4	256QAM	1	0	19.06	19.03	18.98	20	5
1.4	256QAM	1	3	18.93	19.03	18.91		
1.4	256QAM	1	5	18.99	18.98	19.01		
1.4	256QAM	3	0	18.99	18.91	18.96		
1.4	256QAM	3	1	18.91	18.99	19.06		
1.4	256QAM	3	3	18.91	18.99	19.00		
1.4	256QAM	6	0	18.86	18.88	18.96	20	5

Band 7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.25	23.28	23.24	24.2	0
20	QPSK	1	49	22.98	23.05	23.01		
20	QPSK	1	99	22.83	23.05	22.89		
20	QPSK	50	0	22.18	22.29	22.24	23.2	1
20	QPSK	50	24	22.07	22.22	22.22		
20	QPSK	50	50	22.03	22.08	22.15		
20	QPSK	100	0	22.02	22.16	22.12		
20	16QAM	1	0	22.18	22.2	22.38	23.2	1
20	16QAM	1	49	22.21	22.33	22.15		
20	16QAM	1	99	22.23	22.37	22.31		
20	16QAM	50	0	20.9	20.99	20.97	22.2	2
20	16QAM	50	24	21.12	20.99	21.2		
20	16QAM	50	50	21.13	21.13	21.19		
20	16QAM	100	0	21.07	21.13	21.1		
20	64QAM	1	0	21.21	21.12	21.2	22.2	2
20	64QAM	1	49	21.36	21.25	21.43		
20	64QAM	1	99	21.24	21.21	21.09		
20	64QAM	50	0	19.85	19.99	20.04	21.2	3
20	64QAM	50	24	20.12	20.12	20.08		
20	64QAM	50	50	20.08	20.14	20.18		
20	64QAM	100	0	20.1	20	20.15		
20	256QAM	1	0	18.23	18.29	18.26	19.2	5
20	256QAM	1	49	18.40	18.47	18.49		
20	256QAM	1	99	18.13	18.24	18.21		
20	256QAM	50	0	18.10	18.13	18.03	19.2	5
20	256QAM	50	24	18.09	18.14	18.07		
20	256QAM	50	50	18.14	18.14	18.05		
20	256QAM	100	0	18.04	18.09	18.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.01	23.02	24.2	0
15	QPSK	1	37	23.04	23.12	23.05		
15	QPSK	1	74	23.01	23.07	23.06		
15	QPSK	36	0	22.03	22.08	22.02	23.2	1
15	QPSK	36	20	22.03	22.07	22.03		
15	QPSK	36	39	22.05	22.15	22.1		
15	QPSK	75	0	22.05	22.12	22.1		
15	16QAM	1	0	22.07	22.41	22.05	23.2	1
15	16QAM	1	37	22.17	22.31	22.42		
15	16QAM	1	74	22.34	22.07	22.35		
15	16QAM	36	0	21.02	21.03	21.07	22.2	2
15	16QAM	36	20	21.1	21.07	21.12		
15	16QAM	36	39	21.02	21.24	21.11		
15	16QAM	75	0	21.08	21.14	21.04		
15	64QAM	1	0	21.08	21.05	21.03	22.2	2
15	64QAM	1	37	21.22	21.51	21.35		
15	64QAM	1	74	21.29	21.29	21.17		
15	64QAM	36	0	20.06	20.08	20.05	21.2	3
15	64QAM	36	20	20.02	20.12	20		
15	64QAM	36	39	20.02	20.16	20.16		
15	64QAM	75	0	20.1	20.13	20.04		
15	256QAM	1	0	18.23	18.32	18.21	19.2	5
15	256QAM	1	37	18.40	18.48	18.43		
15	256QAM	1	74	18.21	18.25	18.27		
15	256QAM	36	0	18.11	18.11	18.16	19.2	5
15	256QAM	36	20	18.05	18.15	18.15		
15	256QAM	36	39	18.10	18.12	18.15		
15	256QAM	75	0	18.04	18.12	18.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.03	23.09	23.03	24.2	0
10	QPSK	1	25	23.1	23.16	23.14		
10	QPSK	1	49	23.14	23.19	23.22		
10	QPSK	25	0	22.07	22.1	22.24	23.2	1
10	QPSK	25	12	22.13	22.22	22.29		
10	QPSK	25	25	22.14	22.26	22.23		
10	QPSK	50	0	22.11	22.18	22.28		
10	16QAM	1	0	22.21	22.33	22.31	23.2	1
10	16QAM	1	25	22.54	22.52	22.33		
10	16QAM	1	49	22.37	22.45	22.15		
10	16QAM	25	0	21.13	21.17	21.3	22.2	2
10	16QAM	25	12	21.14	21.29	21.23		
10	16QAM	25	25	21.2	21.3	21.2		
10	16QAM	50	0	21.17	21.2	21.27		
10	64QAM	1	0	21.14	21.44	21.1	22.2	2
10	64QAM	1	25	21.35	21.54	21.38		
10	64QAM	1	49	21.34	21.36	21.35		
10	64QAM	25	0	20.15	20.18	20.32	21.2	3
10	64QAM	25	12	20.18	20.21	20.26		
10	64QAM	25	25	20.21	20.23	20.23		
10	64QAM	50	0	20.09	20.15	20.17		
10	256QAM	1	0	18.25	18.24	18.25	19.2	5
10	256QAM	1	25	18.47	18.40	18.44		
10	256QAM	1	49	18.18	18.19	18.19		
10	256QAM	25	0	18.04	18.07	18.14	19.2	5
10	256QAM	25	12	18.09	18.10	18.13		
10	256QAM	25	25	18.12	18.16	18.14		
10	256QAM	50	0	18.06	18.10	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.1	23.17	23.13	24.2	0
5	QPSK	1	12	23.03	23.15	23.22		
5	QPSK	1	24	23.02	23.15	23.23		
5	QPSK	12	0	22.02	22.05	22.07	23.2	1
5	QPSK	12	7	22.13	22.25	22.29		
5	QPSK	12	13	22.17	22.34	22.28		
5	QPSK	25	0	22.12	22.19	22.17		
5	16QAM	1	0	22.58	22.5	22.66	23.2	1
5	16QAM	1	12	22.38	22.27	22.6		
5	16QAM	1	24	22.39	22.49	22.51		
5	16QAM	12	0	21.01	21.04	21.17	22.2	2
5	16QAM	12	7	21.2	21.25	21.29		
5	16QAM	12	13	21.05	21.28	21.32		
5	16QAM	25	0	21.08	21.16	21.16		
5	64QAM	1	0	21.29	21.16	21.4	22.2	2
5	64QAM	1	12	21.47	21.27	21.51		
5	64QAM	1	24	21.33	21.25	21.39		
5	64QAM	12	0	20.08	20.03	20.13	21.2	3
5	64QAM	12	7	20.14	20.26	20.24		
5	64QAM	12	13	20.23	20.22	20.3		
5	64QAM	25	0	20.21	20.2	20.16		
5	256QAM	1	0	18.31	18.28	18.26	19.2	5
5	256QAM	1	12	18.49	18.42	18.49		
5	256QAM	1	24	18.13	18.19	18.23		
5	256QAM	12	0	18.11	18.06	18.19	19.2	5
5	256QAM	12	7	18.06	18.09	18.16		
5	256QAM	12	13	18.11	18.17	18.16		
5	256QAM	25	0	18.01	18.08	18.06		

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.81	23.67	25	0
10	QPSK	1	25	23.48	23.67	23.49		
10	QPSK	1	49	23.36	23.43	23.39		
10	QPSK	25	0	22.67	22.78	22.61	24	1
10	QPSK	25	12	22.56	22.64	22.54		
10	QPSK	25	25	22.43	22.53	22.53		
10	QPSK	50	0	22.59	22.64	22.54		
10	16QAM	1	0	23.08	22.9	22.75	24	1
10	16QAM	1	25	22.83	22.86	22.62		
10	16QAM	1	49	22.73	22.76	22.63		
10	16QAM	25	0	21.52	21.52	21.55	23	2
10	16QAM	25	12	21.57	21.55	21.65		
10	16QAM	25	25	21.66	21.8	21.7		
10	16QAM	50	0	21.6	21.53	21.54		
10	64QAM	1	0	21.66	21.68	21.71	23	2
10	64QAM	1	25	21.71	21.87	22.07		
10	64QAM	1	49	21.81	22.02	21.65		
10	64QAM	25	0	20.48	20.49	20.56	22	3
10	64QAM	25	12	20.63	20.58	20.56		
10	64QAM	25	25	20.45	20.67	20.61		
10	64QAM	50	0	20.61	20.56	20.53		
10	256QAM	1	0	18.95	19.07	18.96	20	5
10	256QAM	1	25	19.03	19.09	18.99		
10	256QAM	1	49	19.18	19.25	19.27		
10	256QAM	25	0	18.98	19.05	19.04	20	5
10	256QAM	25	12	18.97	19.04	18.93		
10	256QAM	25	25	18.95	19.06	18.95		
10	256QAM	50	0	19.06	19.04	19.05		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.78	23.42	25	0
5	QPSK	1	12	23.5	23.55	23.6		
5	QPSK	1	24	23.49	23.64	23.59		
5	QPSK	12	0	22.46	22.56	22.57	24	1
5	QPSK	12	7	22.6	22.48	22.68		
5	QPSK	12	13	22.53	22.56	22.56		
5	QPSK	25	0	22.51	22.53	22.58		
5	16QAM	1	0	22.78	22.87	22.83	24	1
5	16QAM	1	12	23.04	23.27	23.19		
5	16QAM	1	24	22.88	22.84	23.11		
5	16QAM	12	0	21.52	21.53	21.56	23	2
5	16QAM	12	7	21.7	21.7	21.56		
5	16QAM	12	13	21.63	21.65	21.64		
5	16QAM	25	0	21.51	21.42	21.6		
5	64QAM	1	0	21.63	21.87	22.04	23	2
5	64QAM	1	12	22	22.06	21.76		
5	64QAM	1	24	21.79	21.81	21.94		
5	64QAM	12	0	20.66	20.52	20.57	22	3
5	64QAM	12	7	20.57	20.68	20.48		
5	64QAM	12	13	20.5	20.75	20.62		
5	64QAM	25	0	20.58	20.59	20.6		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.00	19.06	19.04		
5	256QAM	1	24	19.19	19.19	19.16		
5	256QAM	12	0	19.00	19.04	18.92	20	5
5	256QAM	12	7	18.97	19.04	19.10		
5	256QAM	12	13	18.98	19.08	19.08		
5	256QAM	25	0	19.03	19.01	18.97		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.34	23.52	23.49	25	0
3	QPSK	1	8	23.49	23.62	23.55		
3	QPSK	1	14	23.37	23.37	23.51		
3	QPSK	8	0	22.6	22.6	22.57	24	1
3	QPSK	8	4	22.59	22.64	22.62		
3	QPSK	8	7	22.56	22.56	22.58		
3	QPSK	15	0	22.59	22.51	22.54		
3	16QAM	1	0	22.84	22.76	22.98	24	1
3	16QAM	1	8	23.17	22.75	22.89		
3	16QAM	1	14	22.87	22.88	22.99		
3	16QAM	8	0	21.6	21.83	21.69	23	2
3	16QAM	8	4	21.65	21.79	21.74		
3	16QAM	8	7	21.57	21.72	21.71		
3	16QAM	15	0	21.55	21.44	21.54		
3	64QAM	1	0	21.79	21.51	21.76	23	2
3	64QAM	1	8	21.68	21.87	21.72		
3	64QAM	1	14	21.9	21.62	21.85		
3	64QAM	8	0	20.62	20.64	20.66	22	3
3	64QAM	8	4	20.55	20.7	20.7		
3	64QAM	8	7	20.5	20.6	20.62		
3	64QAM	15	0	20.7	20.59	20.62		
3	256QAM	1	0	19.02	19.07	18.97	20	5
3	256QAM	1	8	18.99	19.03	19.09		
3	256QAM	1	14	19.17	19.21	19.21		
3	256QAM	8	0	19.04	19.07	19.00	20	5
3	256QAM	8	4	18.96	19.02	19.09		
3	256QAM	8	7	19.00	19.08	19.00		
3	256QAM	15	0	19.05	19.07	18.94		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.53	23.57	23.49	25	0
1.4	QPSK	1	3	23.64	23.53	23.56		
1.4	QPSK	1	5	23.47	23.42	23.59		
1.4	QPSK	3	0	23.58	23.44	23.73		
1.4	QPSK	3	1	23.71	23.54	23.54		
1.4	QPSK	3	3	23.57	23.42	23.62		
1.4	QPSK	6	0	22.49	22.54	22.56	24	1
1.4	16QAM	1	0	22.92	22.97	22.78	24	1
1.4	16QAM	1	3	22.99	23.11	23.17		
1.4	16QAM	1	5	23.06	23.19	22.76		
1.4	16QAM	3	0	22.75	22.56	22.8		
1.4	16QAM	3	1	22.79	22.84	23.02		
1.4	16QAM	3	3	22.8	22.76	22.54		
1.4	16QAM	6	0	21.54	21.64	21.76	23	2
1.4	64QAM	1	0	21.9	21.8	21.82	23	2
1.4	64QAM	1	3	21.66	21.98	21.87		
1.4	64QAM	1	5	21.64	21.75	21.72		
1.4	64QAM	3	0	21.8	21.62	21.62		
1.4	64QAM	3	1	21.79	21.77	21.72		
1.4	64QAM	3	3	21.83	21.7	21.67		
1.4	64QAM	6	0	20.55	20.6	20.67	22	3
1.4	256QAM	1	0	19.02	19.04	18.99	20	5
1.4	256QAM	1	3	19.00	19.04	19.12		
1.4	256QAM	1	5	19.22	19.22	19.19		
1.4	256QAM	3	0	19.00	19.06	18.96		
1.4	256QAM	3	1	19.02	19.00	19.01		
1.4	256QAM	3	3	18.99	19.08	19.06		
1.4	256QAM	6	0	18.97	19.00	18.91	20	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.94		25	0
10	QPSK	1	25		23.88			
10	QPSK	1	49		23.72			
10	QPSK	25	0		22.82		24	1
10	QPSK	25	12		22.8			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.73			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.88		23	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.9			
10	16QAM	50	0		21.87			
10	64QAM	1	0		22.02		23	2
10	64QAM	1	25		21.78			
10	64QAM	1	49		22.1			
10	64QAM	25	0		20.78		22	3
10	64QAM	25	12		20.86			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.86			
10	256QAM	1	0		19.11		20	5
10	256QAM	1	25		19.16			
10	256QAM	1	49		19.23			
10	256QAM	25	0		19.06		20	5
10	256QAM	25	12		19.07			
10	256QAM	25	25		19.04			
10	256QAM	50	0		19.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.92	23.72	23.72	25	0
5	QPSK	1	12	23.89	23.93	23.79		
5	QPSK	1	24	23.92	23.9	23.77		
5	QPSK	12	0	22.81	22.8	22.74	24	1
5	QPSK	12	7	22.91	22.82	22.96		
5	QPSK	12	13	22.86	22.9	22.89		
5	QPSK	25	0	22.82	22.85	22.76		
5	16QAM	1	0	23.27	23.3	23.36	24	1
5	16QAM	1	12	23.32	23.32	23.58		
5	16QAM	1	24	23.25	23.27	23.41		
5	16QAM	12	0	21.8	21.81	21.86	23	2
5	16QAM	12	7	22.01	21.89	21.96		
5	16QAM	12	13	21.92	21.94	22.01		
5	16QAM	25	0	21.91	21.84	21.87		
5	64QAM	1	0	22.23	22.01	22.13	23	2
5	64QAM	1	12	22.12	21.85	22.16		
5	64QAM	1	24	22.17	21.99	21.94		
5	64QAM	12	0	20.83	20.83	20.87	22	3
5	64QAM	12	7	20.92	20.89	20.96		
5	64QAM	12	13	21.01	20.86	21.02		
5	64QAM	25	0	20.9	20.73	20.82		
5	256QAM	1	0	19.04	19.04	19.09	20	5
5	256QAM	1	12	19.13	19.12	19.16		
5	256QAM	1	24	19.22	19.22	19.19		
5	256QAM	12	0	19.04	19.05	19.00	20	5
5	256QAM	12	7	18.96	19.00	19.10		
5	256QAM	12	13	18.95	19.06	19.02		
5	256QAM	25	0	18.94	18.97	18.91		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.52	23.57	23.49	25	0
10	QPSK	1	25	23.32	23.48	23.35		
10	QPSK	1	49	23.29	23.37	23.28		
10	QPSK	25	0	22.45	22.58	22.48	24	1
10	QPSK	25	12	22.38	22.42	22.41		
10	QPSK	25	25	22.32	22.39	22.29		
10	QPSK	50	0	22.5	22.56	22.46		
10	16QAM	1	0	22.52	22.55	22.77	24	1
10	16QAM	1	25	22.88	22.83	22.89		
10	16QAM	1	49	22.75	22.89	22.85		
10	16QAM	25	0	21.49	21.42	21.54	23	2
10	16QAM	25	12	21.49	21.81	21.51		
10	16QAM	25	25	21.48	21.45	21.61		
10	16QAM	50	0	21.39	21.5	21.55		
10	64QAM	1	0	21.26	21.39	21.61	23	2
10	64QAM	1	25	21.58	21.68	21.58		
10	64QAM	1	49	21.61	21.58	21.55		
10	64QAM	25	0	20.54	20.45	20.43	22	3
10	64QAM	25	12	20.67	20.5	20.53		
10	64QAM	25	25	20.54	20.45	20.49		
10	64QAM	50	0	20.5	20.43	20.4		
10	256QAM	1	0	18.91	18.88	18.91	20	5
10	256QAM	1	25	18.82	18.94	18.92		
10	256QAM	1	49	18.82	18.91	18.85		
10	256QAM	25	0	18.83	18.87	18.77	20	5
10	256QAM	25	12	18.82	18.89	18.82		
10	256QAM	25	25	18.79	18.82	18.73		
10	256QAM	50	0	18.82	18.89	18.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.53	23.49	25	0
5	QPSK	1	12	23.4	23.36	23.45		
5	QPSK	1	24	23.28	23.25	23.26		
5	QPSK	12	0	22.54	22.56	22.5	24	1
5	QPSK	12	7	22.29	22.34	22.29		
5	QPSK	12	13	22.37	22.36	22.38		
5	QPSK	25	0	22.55	22.48	22.43		
5	16QAM	1	0	22.48	22.42	22.53	24	1
5	16QAM	1	12	22.79	22.7	22.82		
5	16QAM	1	24	22.88	22.84	22.8		
5	16QAM	12	0	21.35	21.41	21.36	23	2
5	16QAM	12	7	21.77	21.79	21.72		
5	16QAM	12	13	21.34	21.33	21.35		
5	16QAM	25	0	21.37	21.49	21.38		
5	64QAM	1	0	21.26	21.38	21.27	23	2
5	64QAM	1	12	21.54	21.67	21.54		
5	64QAM	1	24	21.54	21.53	21.44		
5	64QAM	12	0	20.38	20.35	20.44	22	3
5	64QAM	12	7	20.49	20.46	20.45		
5	64QAM	12	13	20.39	20.42	20.39		
5	64QAM	25	0	20.37	20.34	20.41		
5	256QAM	1	0	18.86	18.82	18.68	20	5
5	256QAM	1	12	18.88	18.74	18.75		
5	256QAM	1	24	18.73	18.76	18.88		
5	256QAM	12	0	18.73	18.86	18.75	20	5
5	256QAM	12	7	18.70	18.85	18.76		
5	256QAM	12	13	18.63	18.77	18.71		
5	256QAM	25	0	18.74	18.80	18.71		

Band 25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.83	23.91	23.89	25	0
20	QPSK	1	49	23.68	23.79	23.81		
20	QPSK	1	99	23.44	23.64	23.51		
20	QPSK	50	0	22.82	22.85	22.71	24	1
20	QPSK	50	24	22.79	22.78	22.7		
20	QPSK	50	50	22.72	22.64	22.61		
20	QPSK	100	0	22.74	22.82	22.66		
20	16QAM	1	0	22.83	23.09	22.87	24	1
20	16QAM	1	49	22.67	22.86	23.01		
20	16QAM	1	99	22.77	22.7	22.78		
20	16QAM	50	0	21.83	21.66	21.68	23	2
20	16QAM	50	24	21.89	21.67	21.77		
20	16QAM	50	50	21.72	21.72	21.71		
20	16QAM	100	0	21.8	21.76	21.65		
20	64QAM	1	0	21.98	21.91	21.92	23	2
20	64QAM	1	49	21.87	21.98	21.98		
20	64QAM	1	99	22.02	21.71	21.53		
20	64QAM	50	0	20.81	20.68	20.66	22	3
20	64QAM	50	24	20.85	20.86	20.77		
20	64QAM	50	50	20.71	20.59	20.76		
20	64QAM	100	0	20.8	20.74	20.78		
20	256QAM	1	0	19.03	19.04	19.02	20	5
20	256QAM	1	49	18.95	19.03	18.96		
20	256QAM	1	99	19.04	19.08	19.10		
20	256QAM	50	0	18.82	18.87	18.84	20	5
20	256QAM	50	24	18.85	18.90	18.79		
20	256QAM	50	50	18.74	18.83	18.71		
20	256QAM	100	0	18.82	18.92	18.85		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.87	23.59	23.73	25	0
15	QPSK	1	37	23.64	23.75	23.69		
15	QPSK	1	74	23.49	23.44	23.47		
15	QPSK	36	0	22.68	22.73	22.64	24	1
15	QPSK	36	20	22.8	22.67	22.65		
15	QPSK	36	39	22.68	22.67	22.7		
15	QPSK	75	0	22.85	22.79	22.68		
15	16QAM	1	0	22.72	22.73	23.09	24	1
15	16QAM	1	37	23.12	22.92	23.06		
15	16QAM	1	74	22.97	23.04	22.71		
15	16QAM	36	0	21.67	21.84	21.67	23	2
15	16QAM	36	20	21.85	21.72	21.71		
15	16QAM	36	39	21.83	21.7	21.75		
15	16QAM	75	0	21.78	21.72	21.7		
15	64QAM	1	0	21.84	21.63	21.86	23	2
15	64QAM	1	37	21.85	21.83	21.89		
15	64QAM	1	74	21.82	22.12	21.79		
15	64QAM	36	0	20.69	20.76	20.68	22	3
15	64QAM	36	20	20.83	20.62	20.69		
15	64QAM	36	39	20.76	20.69	20.78		
15	64QAM	75	0	20.74	20.78	20.69		
15	256QAM	1	0	19.01	18.99	18.95	20	5
15	256QAM	1	37	18.92	18.99	19.03		
15	256QAM	1	74	19.11	19.09	18.96		
15	256QAM	36	0	18.88	18.86	18.87	20	5
15	256QAM	36	20	18.81	18.90	18.78		
15	256QAM	36	39	18.78	18.80	18.78		
15	256QAM	75	0	18.85	18.90	18.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.68	23.85	23.72	25	0
10	QPSK	1	25	23.78	23.77	23.71		
10	QPSK	1	49	23.71	23.63	23.71		
10	QPSK	25	0	22.86	22.9	22.79	24	1
10	QPSK	25	12	22.92	22.82	22.86		
10	QPSK	25	25	22.82	22.78	22.8		
10	QPSK	50	0	22.82	22.83	22.82		
10	16QAM	1	0	23.01	22.88	22.98	24	1
10	16QAM	1	25	23.08	23.02	22.91		
10	16QAM	1	49	23.03	23.05	23.07		
10	16QAM	25	0	21.92	21.9	21.84	23	2
10	16QAM	25	12	21.94	21.95	21.91		
10	16QAM	25	25	21.87	21.83	21.85		
10	16QAM	50	0	21.83	21.95	21.85		
10	64QAM	1	0	21.74	22.05	22.02	23	2
10	64QAM	1	25	22.1	22.15	21.92		
10	64QAM	1	49	21.74	21.78	21.96		
10	64QAM	25	0	20.85	20.86	20.72	22	3
10	64QAM	25	12	20.92	20.92	20.93		
10	64QAM	25	25	20.87	20.9	20.82		
10	64QAM	50	0	20.94	20.81	20.88		
10	256QAM	1	0	18.98	19.01	19.02	20	5
10	256QAM	1	25	18.93	19.00	19.08		
10	256QAM	1	49	19.05	19.07	19.04		
10	256QAM	25	0	18.78	18.80	18.79	20	5
10	256QAM	25	12	18.81	18.92	18.82		
10	256QAM	25	25	18.75	18.86	18.78		
10	256QAM	50	0	18.82	18.90	18.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.86	23.8	23.73	25	0
5	QPSK	1	12	23.76	23.73	23.63		
5	QPSK	1	24	23.75	23.72	23.79		
5	QPSK	12	0	22.94	22.83	22.77	24	1
5	QPSK	12	7	22.96	22.83	22.84		
5	QPSK	12	13	22.89	22.83	22.78		
5	QPSK	25	0	22.84	22.81	22.8		
5	16QAM	1	0	22.96	23.05	22.81	24	1
5	16QAM	1	12	23.08	23.04	23.09		
5	16QAM	1	24	23.3	23.04	23.03		
5	16QAM	12	0	21.89	21.82	21.78	23	2
5	16QAM	12	7	21.84	21.8	21.88		
5	16QAM	12	13	21.84	21.81	21.89		
5	16QAM	25	0	21.86	21.79	21.81		
5	64QAM	1	0	22.12	21.98	22.01	23	2
5	64QAM	1	12	22.08	22.08	21.65		
5	64QAM	1	24	22.07	22.04	22.01		
5	64QAM	12	0	20.85	20.89	20.72	22	3
5	64QAM	12	7	20.92	20.88	20.74		
5	64QAM	12	13	21.01	20.8	20.84		
5	64QAM	25	0	20.85	20.84	20.75		
5	256QAM	1	0	18.99	18.97	18.96	20	5
5	256QAM	1	12	18.92	19.01	19.04		
5	256QAM	1	24	19.13	19.07	18.96		
5	256QAM	12	0	18.80	18.80	18.86	20	5
5	256QAM	12	7	18.77	18.89	18.88		
5	256QAM	12	13	18.75	18.85	18.80		
5	256QAM	25	0	18.78	18.86	18.88		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.76	23.68	23.69	25	0
3	QPSK	1	8	23.75	23.72	23.83		
3	QPSK	1	14	23.73	23.64	23.68		
3	QPSK	8	0	22.86	22.81	22.7	24	1
3	QPSK	8	4	22.89	22.85	22.78		
3	QPSK	8	7	22.9	22.84	22.85		
3	QPSK	15	0	22.87	22.77	22.65		
3	16QAM	1	0	23.02	23.01	23.07	24	1
3	16QAM	1	8	22.95	23.02	23.02		
3	16QAM	1	14	23.01	22.79	23.09		
3	16QAM	8	0	21.88	21.96	21.88	23	2
3	16QAM	8	4	21.98	21.98	21.88		
3	16QAM	8	7	21.92	21.88	21.91		
3	16QAM	15	0	21.86	21.75	21.81		
3	64QAM	1	0	21.79	21.96	22.01	23	2
3	64QAM	1	8	22.02	21.86	21.91		
3	64QAM	1	14	21.82	21.73	22.05		
3	64QAM	8	0	20.95	20.9	20.68	22	3
3	64QAM	8	4	20.74	20.99	20.89		
3	64QAM	8	7	20.99	20.78	20.97		
3	64QAM	15	0	20.83	20.87	20.81		
3	256QAM	1	0	18.99	19.02	19.03	20	5
3	256QAM	1	8	18.92	18.98	19.00		
3	256QAM	1	14	19.13	19.01	19.01		
3	256QAM	8	0	18.85	18.80	18.84	20	5
3	256QAM	8	4	18.76	18.91	18.88		
3	256QAM	8	7	18.74	18.79	18.75		
3	256QAM	15	0	18.86	18.86	18.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.71	23.87	23.64	25	0
1.4	QPSK	1	3	23.82	23.86	23.65		
1.4	QPSK	1	5	23.76	23.74	23.67		
1.4	QPSK	3	0	23.88	23.88	23.75		
1.4	QPSK	3	1	23.81	23.76	23.78		
1.4	QPSK	3	3	23.69	23.77	23.76		
1.4	QPSK	6	0	22.8	22.77	22.67	24	1
1.4	16QAM	1	0	22.99	23.11	22.87	24	1
1.4	16QAM	1	3	22.99	23.13	23.09		
1.4	16QAM	1	5	23.13	23.08	23.03		
1.4	16QAM	3	0	23.11	22.87	22.93		
1.4	16QAM	3	1	22.72	22.87	22.84		
1.4	16QAM	3	3	22.83	22.86	23.03		
1.4	16QAM	6	0	21.91	21.73	21.85	23	2
1.4	64QAM	1	0	21.89	21.92	21.91	23	2
1.4	64QAM	1	3	22.07	22.05	22.08		
1.4	64QAM	1	5	21.98	22.05	21.72		
1.4	64QAM	3	0	21.91	22.07	22.1		
1.4	64QAM	3	1	21.86	21.94	21.69		
1.4	64QAM	3	3	22.01	21.8	21.95		
1.4	64QAM	6	0	20.98	20.74	20.71	22	3
1.4	256QAM	1	0	19.06	19.02	18.96	20	5
1.4	256QAM	1	3	18.97	18.96	19.04		
1.4	256QAM	1	5	19.08	19.08	18.96		
1.4	256QAM	3	0	18.81	18.88	18.86		
1.4	256QAM	3	1	18.81	18.83	18.82		
1.4	256QAM	3	3	18.74	18.80	18.75		
1.4	256QAM	6	0	18.85	18.90	18.91	20	5

Band 26 for FCC_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.86	23.8	25	0
15	QPSK	1	37	23.55	23.73	23.57		
15	QPSK	1	74	23.49	23.77	23.52		
15	QPSK	36	0	22.64	22.84	22.81	24	1
15	QPSK	36	20	22.63	22.69	22.76		
15	QPSK	36	39	22.59	22.64	22.74		
15	QPSK	75	0	22.81	22.85	22.72		
15	16QAM	1	0	22.78	23.13	22.78	24	1
15	16QAM	1	37	22.99	23.16	22.93		
15	16QAM	1	74	22.8	23.13	23.12		
15	16QAM	36	0	21.67	21.79	21.74	23	2
15	16QAM	36	20	21.78	21.71	21.77		
15	16QAM	36	39	21.74	21.94	21.71		
15	16QAM	75	0	21.74	21.78	21.79		
15	64QAM	1	0	21.56	21.55	21.82	23	2
15	64QAM	1	37	21.73	21.87	22.02		
15	64QAM	1	74	21.73	21.87	22.03		
15	64QAM	36	0	20.69	20.86	20.69	22	3
15	64QAM	36	20	20.77	20.84	20.74		
15	64QAM	36	39	20.65	20.76	20.72		
15	64QAM	75	0	20.72	20.79	20.87		
15	256QAM	1	0	19.05	19.07	19.04	20	5
15	256QAM	1	37	19.17	19.16	19.14		
15	256QAM	1	74	19.02	19.05	19.09		
15	256QAM	36	0	18.90	18.97	18.96	20	5
15	256QAM	36	20	18.77	18.85	18.79		
15	256QAM	36	39	18.79	18.84	18.71		
15	256QAM	75	0	18.82	18.83	18.86		
Channel				26740	26855	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.6	23.78	23.81	25	0
10	QPSK	1	25	23.8	23.85	23.8		
10	QPSK	1	49	23.74	23.8	23.73		
10	QPSK	25	0	22.78	22.98	22.83	24	1
10	QPSK	25	12	22.83	22.91	22.85		
10	QPSK	25	25	22.79	22.97	22.83		
10	QPSK	50	0	22.85	22.94	22.95		
10	16QAM	1	0	23.01	23.03	23.09	24	1
10	16QAM	1	25	23.04	23.09	23.07		
10	16QAM	1	49	23.06	23.23	23.03		
10	16QAM	25	0	21.85	21.9	21.81	23	2
10	16QAM	25	12	21.89	22.04	21.97		
10	16QAM	25	25	21.75	21.97	21.99		
10	16QAM	50	0	21.79	21.92	21.96		
10	64QAM	1	0	21.67	21.9	22.08	23	2
10	64QAM	1	25	22.15	21.95	21.78		
10	64QAM	1	49	21.81	22.07	22.02		
10	64QAM	25	0	20.71	20.87	20.82	22	3
10	64QAM	25	12	20.92	21.01	20.9		
10	64QAM	25	25	20.93	21.05	20.79		
10	64QAM	50	0	20.84	20.96	20.89		
10	256QAM	1	0	19.12	19.01	19.05	20	5
10	256QAM	1	25	19.11	19.15	19.08		
10	256QAM	1	49	19.06	19.02	18.93		
10	256QAM	25	0	18.86	18.96	18.84	20	5
10	256QAM	25	12	18.75	18.81	18.81		
10	256QAM	25	25	18.78	18.84	18.77		
10	256QAM	50	0	18.84	18.80	18.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.74	23.72	25	0
5	QPSK	1	12	23.72	23.79	23.78		
5	QPSK	1	24	23.72	23.85	23.78		
5	QPSK	12	0	22.73	22.9	22.8	24	1
5	QPSK	12	7	22.78	23.02	22.83		
5	QPSK	12	13	22.77	22.92	22.86		
5	QPSK	25	0	22.77	22.83	22.77		
5	16QAM	1	0	23.36	23.27	23.24	24	1
5	16QAM	1	12	23.19	23.34	23.19		
5	16QAM	1	24	23.28	22.9	23.26		
5	16QAM	12	0	21.76	21.83	21.75	23	2
5	16QAM	12	7	21.98	21.88	21.92		
5	16QAM	12	13	21.86	21.98	21.88		
5	16QAM	25	0	21.87	21.88	21.89		
5	64QAM	1	0	21.83	21.96	22.17	23	2
5	64QAM	1	12	21.97	22.02	22.03		
5	64QAM	1	24	21.81	22.02	21.72		
5	64QAM	12	0	20.69	21.01	20.8	22	3
5	64QAM	12	7	20.89	21.1	20.81		
5	64QAM	12	13	20.73	21.02	20.85		
5	64QAM	25	0	20.75	20.82	20.71		
5	256QAM	1	0	19.04	19.00	18.97	20	5
5	256QAM	1	12	19.11	19.11	19.15		
5	256QAM	1	24	18.99	19.07	19.00		
5	256QAM	12	0	18.86	18.95	18.93	20	5
5	256QAM	12	7	18.79	18.88	18.75		
5	256QAM	12	13	18.75	18.83	18.82		
5	256QAM	25	0	18.81	18.76	18.85		
Channel				26703	26865	27027	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.55	23.82	23.75	25	0
3	QPSK	1	8	23.75	23.66	23.68		
3	QPSK	1	14	23.63	23.7	23.73		
3	QPSK	8	0	22.77	22.7	22.76	24	1
3	QPSK	8	4	22.78	22.9	22.86		
3	QPSK	8	7	22.77	22.81	22.79		
3	QPSK	15	0	22.7	22.69	22.8		
3	16QAM	1	0	23.04	22.92	22.71	24	1
3	16QAM	1	8	23.04	23.04	23.03		
3	16QAM	1	14	22.92	23.01	23.03		
3	16QAM	8	0	21.8	21.89	21.85	23	2
3	16QAM	8	4	21.83	22.03	21.97		
3	16QAM	8	7	21.88	21.86	21.92		
3	16QAM	15	0	21.87	21.8	21.75		
3	64QAM	1	0	22.13	22.12	22.29	23	2
3	64QAM	1	8	22.19	22.28	21.92		
3	64QAM	1	14	21.95	21.85	22.12		
3	64QAM	8	0	20.71	20.94	20.81	22	3
3	64QAM	8	4	20.81	20.88	20.91		
3	64QAM	8	7	20.89	20.95	20.81		
3	64QAM	15	0	20.79	20.72	20.78		
3	256QAM	1	0	19.05	19.04	19.01	20	5
3	256QAM	1	8	19.14	19.18	19.14		
3	256QAM	1	14	19.01	19.00	19.02		
3	256QAM	8	0	18.93	18.95	18.84	20	5
3	256QAM	8	4	18.80	18.86	18.74		
3	256QAM	8	7	18.77	18.77	18.77		
3	256QAM	15	0	18.86	18.82	18.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.7	23.72	23.67	25	0
1.4	QPSK	1	3	23.74	23.83	23.61		
1.4	QPSK	1	5	23.71	23.62	23.61		
1.4	QPSK	3	0	23.8	23.67	23.56		
1.4	QPSK	3	1	23.68	23.65	23.67		
1.4	QPSK	3	3	23.66	23.61	23.62		
1.4	QPSK	6	0	22.71	22.7	22.56	24	1
1.4	16QAM	1	0	22.87	23.12	22.78	24	1
1.4	16QAM	1	3	23.03	23	22.99		
1.4	16QAM	1	5	23.08	22.95	22.87		
1.4	16QAM	3	0	22.91	22.87	22.76		
1.4	16QAM	3	1	22.84	22.83	22.8		
1.4	16QAM	3	3	22.94	22.6	22.76		
1.4	16QAM	6	0	21.88	21.72	21.64	23	2
1.4	64QAM	1	0	21.68	22.05	21.64	23	2
1.4	64QAM	1	3	21.63	21.66	22.01		
1.4	64QAM	1	5	21.72	21.82	21.86		
1.4	64QAM	3	0	21.73	21.75	21.74		
1.4	64QAM	3	1	21.95	21.83	21.75		
1.4	64QAM	3	3	21.69	21.64	21.74		
1.4	64QAM	6	0	20.8	20.65	20.75	22	3
1.4	256QAM	1	0	19.11	19.10	19.02	20	5
1.4	256QAM	1	3	19.18	19.19	19.13		
1.4	256QAM	1	5	19.04	19.01	18.97		
1.4	256QAM	3	0	18.89	18.93	18.83		
1.4	256QAM	3	1	18.79	18.85	18.75		
1.4	256QAM	3	3	18.76	18.80	18.78		
1.4	256QAM	6	0	18.84	18.86	18.78	20	5

Band 30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.16		25	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.05			
10	QPSK	25	0		23.08		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.01			
10	16QAM	1	0		23.76		24	1
10	16QAM	1	25		23.56			
10	16QAM	1	49		23.57			
10	16QAM	25	0		22.1		23	2
10	16QAM	25	12		22.04			
10	16QAM	25	25		22.17			
10	16QAM	50	0		22			
10	64QAM	1	0		22.05		23	2
10	64QAM	1	25		22.09			
10	64QAM	1	49		22.4			
10	64QAM	25	0		21.18		22	3
10	64QAM	25	12		20.95			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.11			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		19.17			
10	256QAM	1	49		18.84			
10	256QAM	25	0		18.95		20	5
10	256QAM	25	25		18.95			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.90			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.91	24.09	24	25	0
5	QPSK	1	12	23.93	24.08	24.09		
5	QPSK	1	24	24.02	24.07	23.94		
5	QPSK	12	0	23.07	23.06	23.18	24	1
5	QPSK	12	7	23.17	23.14	23.12		
5	QPSK	12	13	23.15	23.06	23.1		
5	QPSK	25	0	23.16	23.02	23.04		
5	16QAM	1	0	23.12	23.19	23.39	24	1
5	16QAM	1	12	23.17	23.13	23.17		
5	16QAM	1	24	23.18	22.94	23.23		
5	16QAM	12	0	22.23	22.27	22.16	23	2
5	16QAM	12	7	22.19	22.34	22.23		
5	16QAM	12	13	22.19	22.09	22.09		
5	16QAM	25	0	22.13	22.07	22.06		
5	64QAM	1	0	22.03	22.53	22.45	23	2
5	64QAM	1	12	22.25	22.43	22.07		
5	64QAM	1	24	22.12	22.26	22.41		
5	64QAM	12	0	21.09	21.12	21.14	22	3
5	64QAM	12	7	21.28	21.05	21.14		
5	64QAM	12	13	21.02	21.08	21.08		
5	64QAM	25	0	21.16	21.08	21.1		
5	256QAM	1	0	18.98	19.04	19.08	20	5
5	256QAM	1	12	19.17	19.10	19.07		
5	256QAM	1	24	18.86	18.83	18.78		
5	256QAM	12	0	18.85	18.89	18.94	20	5
5	256QAM	12	7	18.91	18.92	18.96		
5	256QAM	12	13	18.85	18.85	18.87		
5	256QAM	25	0	18.86	18.87	18.88		

Band 66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.77	23.93	23.83	25	0
20	QPSK	1	49	23.74	23.68	23.61		
20	QPSK	1	99	23.63	23.47	23.47		
20	QPSK	50	0	22.73	22.8	22.67	24	1
20	QPSK	50	24	22.68	22.73	22.62		
20	QPSK	50	50	22.76	22.58	22.58		
20	QPSK	100	0	22.69	22.76	22.55		
20	16QAM	1	0	22.65	22.81	22.99	24	1
20	16QAM	1	49	22.54	22.83	22.98		
20	16QAM	1	99	23.01	22.62	22.77		
20	16QAM	50	0	21.73	21.55	21.66	23	2
20	16QAM	50	24	21.73	21.69	21.61		
20	16QAM	50	50	21.68	21.68	21.52		
20	16QAM	100	0	21.67	21.67	21.52		
20	64QAM	1	0	21.77	21.93	21.91	23	2
20	64QAM	1	49	21.87	21.97	21.82		
20	64QAM	1	99	21.92	21.84	21.8		
20	64QAM	50	0	20.66	20.66	20.55	22	3
20	64QAM	50	24	20.79	20.69	20.66		
20	64QAM	50	50	20.74	20.63	20.65		
20	64QAM	100	0	20.79	20.55	20.61		
20	256QAM	1	0	18.75	18.85	18.81	20	5
20	256QAM	1	49	18.81	18.94	18.90		
20	256QAM	1	99	18.82	18.94	18.88		
20	256QAM	50	0	18.68	18.73	18.74	20	5
20	256QAM	50	24	18.71	18.76	18.68		
20	256QAM	50	50	18.69	18.74	18.74		
20	256QAM	100	0	18.69	18.76	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.62	23.59	23.65	25	0
15	QPSK	1	37	23.77	23.63	23.7		
15	QPSK	1	74	23.65	23.48	23.54		
15	QPSK	36	0	22.72	22.51	22.67	24	1
15	QPSK	36	20	22.76	22.69	22.61		
15	QPSK	36	39	22.71	22.55	22.57		
15	QPSK	75	0	22.8	22.56	22.71		
15	16QAM	1	0	22.66	22.83	22.94	24	1
15	16QAM	1	37	22.65	22.74	22.97		
15	16QAM	1	74	22.04	22.99	22.71		
15	16QAM	36	0	21.87	21.64	21.57	23	2
15	16QAM	36	20	21.78	21.67	21.64		
15	16QAM	36	39	21.74	21.66	21.71		
15	16QAM	75	0	21.69	21.63	21.6		
15	64QAM	1	0	21.62	21.55	21.68	23	2
15	64QAM	1	37	21.68	21.89	21.93		
15	64QAM	1	74	21.47	21.54	21.69		
15	64QAM	36	0	20.83	20.56	20.63	22	3
15	64QAM	36	20	20.66	20.62	20.71		
15	64QAM	36	39	20.79	20.57	20.66		
15	64QAM	75	0	20.73	20.57	20.62		
15	256QAM	1	0	18.71	18.81	18.79	20	5
15	256QAM	1	37	18.80	18.87	18.88		
15	256QAM	1	74	18.91	18.88	18.83		
15	256QAM	36	0	18.72	18.66	18.68	20	5
15	256QAM	36	20	18.76	18.74	18.78		
15	256QAM	36	39	18.71	18.75	18.62		
15	256QAM	75	0	18.74	18.69	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.72	23.56	23.61	25	0
10	QPSK	1	25	23.88	23.64	23.7		
10	QPSK	1	49	23.82	23.53	23.54		
10	QPSK	25	0	22.98	22.68	22.77	24	1
10	QPSK	25	12	22.95	22.84	22.71		
10	QPSK	25	25	22.84	22.78	22.79		
10	QPSK	50	0	22.87	22.77	22.72		
10	16QAM	1	0	22.99	23.04	23.08	24	1
10	16QAM	1	25	23.13	23.05	22.73		
10	16QAM	1	49	23.2	23.13	22.98		
10	16QAM	25	0	22.04	21.86	21.77	23	2
10	16QAM	25	12	21.94	21.78	21.81		
10	16QAM	25	25	21.9	21.76	21.71		
10	16QAM	50	0	21.95	21.79	21.66		
10	64QAM	1	0	21.92	21.65	22.02	23	2
10	64QAM	1	25	22.13	22.02	21.71		
10	64QAM	1	49	22	21.94	21.89		
10	64QAM	25	0	20.93	20.76	20.81	22	3
10	64QAM	25	12	20.88	20.91	20.78		
10	64QAM	25	25	20.95	20.68	20.87		
10	64QAM	50	0	20.86	20.81	20.73		
10	256QAM	1	0	18.71	18.86	18.78	20	5
10	256QAM	1	25	18.80	18.88	18.91		
10	256QAM	1	49	18.86	18.95	18.89		
10	256QAM	25	0	18.72	18.68	18.68	20	5
10	256QAM	25	12	18.77	18.78	18.76		
10	256QAM	25	25	18.68	18.74	18.67		
10	256QAM	50	0	18.73	18.74	18.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.79	23.81	23.79	25	0
5	QPSK	1	12	23.65	23.68	23.7		
5	QPSK	1	24	23.81	23.7	23.67		
5	QPSK	12	0	22.95	22.8	22.63	24	1
5	QPSK	12	7	22.92	22.8	22.84		
5	QPSK	12	13	22.8	22.76	22.73		
5	QPSK	25	0	22.85	22.72	22.75		
5	16QAM	1	0	23.04	23.12	22.79	24	1
5	16QAM	1	12	23.01	23.09	23.09		
5	16QAM	1	24	23.09	22.81	23.09		
5	16QAM	12	0	21.91	21.94	21.91	23	2
5	16QAM	12	7	22	21.87	21.94		
5	16QAM	12	13	21.92	21.8	21.74		
5	16QAM	25	0	21.87	21.84	21.86		
5	64QAM	1	0	21.99	22.18	21.95	23	2
5	64QAM	1	12	22.19	22.03	21.9		
5	64QAM	1	24	21.96	22.02	22.02		
5	64QAM	12	0	21.02	20.84	20.83	22	3
5	64QAM	12	7	20.93	20.76	20.88		
5	64QAM	12	13	20.92	20.82	20.71		
5	64QAM	25	0	20.9	20.82	20.8		
5	256QAM	1	0	18.80	18.86	18.76	20	5
5	256QAM	1	12	18.81	18.97	18.88		
5	256QAM	1	24	18.89	18.90	18.84		
5	256QAM	12	0	18.73	18.66	18.71	20	5
5	256QAM	12	7	18.71	18.78	18.75		
5	256QAM	12	13	18.75	18.68	18.61		
5	256QAM	25	0	18.73	18.69	18.71		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.69	23.69	23.58	25	0
3	QPSK	1	8	23.88	23.73	23.7		
3	QPSK	1	14	23.73	23.58	23.61		
3	QPSK	8	0	22.86	22.78	22.67	24	1
3	QPSK	8	4	22.84	22.78	22.67		
3	QPSK	8	7	22.84	22.73	22.83		
3	QPSK	15	0	22.88	22.74	22.69		
3	16QAM	1	0	23.08	23.03	22.87	24	1
3	16QAM	1	8	23.29	23.18	23.37		
3	16QAM	1	14	22.95	23	23.13		
3	16QAM	8	0	22.03	21.73	21.61	23	2
3	16QAM	8	4	22.01	21.91	21.74		
3	16QAM	8	7	21.77	21.78	21.88		
3	16QAM	15	0	21.86	21.77	21.7		
3	64QAM	1	0	22.13	21.95	22.22	23	2
3	64QAM	1	8	22.09	22.05	21.91		
3	64QAM	1	14	21.97	21.93	21.98		
3	64QAM	8	0	20.93	20.86	20.66	22	3
3	64QAM	8	4	20.97	20.77	20.74		
3	64QAM	8	7	20.92	20.81	20.78		
3	64QAM	15	0	20.87	20.82	20.69		
3	256QAM	1	0	18.73	18.85	18.76	20	5
3	256QAM	1	8	18.88	18.91	18.85		
3	256QAM	1	14	18.83	18.90	18.88		
3	256QAM	8	0	18.73	18.74	18.67	20	5
3	256QAM	8	4	18.74	18.71	18.78		
3	256QAM	8	7	18.72	18.72	18.69		
3	256QAM	15	0	18.67	18.76	18.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.85	23.62	23.64	25	0
1.4	QPSK	1	3	23.87	23.7	23.79		
1.4	QPSK	1	5	23.64	23.68	23.67		
1.4	QPSK	3	0	23.84	23.65	23.75		
1.4	QPSK	3	1	23.69	23.82	23.77		
1.4	QPSK	3	3	23.69	23.74	23.73		
1.4	QPSK	6	0	22.89	22.77	22.72	24	1
1.4	16QAM	1	0	23.04	23.03	23	24	1
1.4	16QAM	1	3	22.82	23.08	22.98		
1.4	16QAM	1	5	23.12	23.16	23.14		
1.4	16QAM	3	0	22.97	22.9	22.81		
1.4	16QAM	3	1	22.97	22.93	22.81		
1.4	16QAM	3	3	23.01	22.61	23.06		
1.4	16QAM	6	0	21.89	21.66	21.65	23	2
1.4	64QAM	1	0	21.87	21.76	22.16	23	2
1.4	64QAM	1	3	22.02	21.77	21.95		
1.4	64QAM	1	5	22.19	21.85	21.96		
1.4	64QAM	3	0	21.99	21.79	21.87		
1.4	64QAM	3	1	21.84	21.75	21.79		
1.4	64QAM	3	3	22.02	21.96	21.97		
1.4	64QAM	6	0	20.93	20.86	20.95	22	3
1.4	256QAM	1	0	18.72	18.79	18.84	20	5
1.4	256QAM	1	3	18.85	18.92	18.83		
1.4	256QAM	1	5	18.83	18.96	18.81		
1.4	256QAM	3	0	18.69	18.69	18.65		
1.4	256QAM	3	1	18.69	18.76	18.72		
1.4	256QAM	3	3	18.76	18.69	18.62		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.06	24.08	24.05	25	0
20	QPSK	1	49	23.96	23.98	23.87		
20	QPSK	1	99	23.73	23.76	23.75		
20	QPSK	50	0	22.97	23.04	22.96	24	1
20	QPSK	50	24	22.92	22.91	22.88		
20	QPSK	50	50	22.86	22.88	22.85		
20	QPSK	100	0	22.91	22.97	22.86		
20	16QAM	1	0	23.21	23.2	23.24	24	1
20	16QAM	1	49	23.25	23.16	23.22		
20	16QAM	1	99	23.07	23.04	23.02		
20	16QAM	50	0	21.93	22	22.01	23	2
20	16QAM	50	24	21.98	21.94	21.92		
20	16QAM	50	50	21.95	21.93	21.87		
20	16QAM	100	0	21.99	21.94	21.96		
20	64QAM	1	0	22.08	22.11	22.13	23	2
20	64QAM	1	49	22.14	22.16	22.182		
20	64QAM	1	99	22.02	22.07	22.09		
20	64QAM	50	0	20.98	20.94	20.97	22	3
20	64QAM	50	24	21.01	20.92	20.96		
20	64QAM	50	50	20.98	20.99	20.89		
20	64QAM	100	0	20.95	20.92	20.91		
20	256QAM	1	0	19.06	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.10		
20	256QAM	1	99	19.00	19.03	18.98		
20	256QAM	50	0	19.05	19.04	19.09	20	5
20	256QAM	50	24	18.87	18.87	18.82		
20	256QAM	50	50	18.95	18.95	18.98		
20	256QAM	100	0	18.79	18.92	18.89		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.05	23.95	25	0
15	QPSK	1	37	23.91	23.93	23.81		
15	QPSK	1	74	23.7	23.74	23.69		
15	QPSK	36	0	22.91	23.01	22.94	24	1
15	QPSK	36	20	22.83	22.88	22.86		
15	QPSK	36	39	22.83	22.81	22.78		
15	QPSK	75	0	22.84	22.86	22.78		
15	16QAM	1	0	23.2	23.1	23.16	24	1
15	16QAM	1	37	23.16	23.12	23.17		
15	16QAM	1	74	23.04	22.94	22.97		
15	16QAM	36	0	21.84	22.01	21.95	23	2
15	16QAM	36	20	21.9	21.91	21.89		
15	16QAM	36	39	21.88	21.92	21.83		
15	16QAM	75	0	21.96	21.88	21.95		
15	64QAM	1	0	22.03	22.02	22.11	23	2
15	64QAM	1	37	22.11	22.05	22.122		
15	64QAM	1	74	21.96	22.03	22.02		
15	64QAM	36	0	20.89	20.87	20.9	22	3
15	64QAM	36	20	20.94	20.89	20.96		
15	64QAM	36	39	20.91	20.99	20.85		
15	64QAM	75	0	20.88	20.86	20.89		
15	256QAM	1	0	19.06	19.08	19.01	20	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.03	19.06	18.99		
15	256QAM	36	0	19.04	19.05	19.06	20	5
15	256QAM	36	20	18.91	18.83	18.79		
15	256QAM	36	39	18.97	18.93	18.87		
15	256QAM	75	0	18.86	18.90	18.93		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.94	24.03	23.98	25	0
10	QPSK	1	25	23.89	23.92	23.87		
10	QPSK	1	49	23.74	23.73	23.69		
10	QPSK	25	0	22.93	22.94	22.93	24	1
10	QPSK	25	12	22.82	22.88	22.82		
10	QPSK	25	25	22.85	22.83	22.77		
10	QPSK	50	0	22.85	22.9	22.8		
10	16QAM	1	0	23.18	23.08	23.21	24	1
10	16QAM	1	25	23.22	23.13	23.17		
10	16QAM	1	49	23.02	22.99	22.97		
10	16QAM	25	0	21.89	22	21.93	23	2
10	16QAM	25	12	21.91	21.85	21.85		
10	16QAM	25	25	21.87	21.86	21.8		
10	16QAM	50	0	21.98	21.87	21.91		
10	64QAM	1	0	22.07	22.07	22.06	23	2
10	64QAM	1	25	22.13	22.07	22.072		
10	64QAM	1	49	21.93	22.01	22.04		
10	64QAM	25	0	20.96	20.91	20.92	22	3
10	64QAM	25	12	20.94	20.9	20.93		
10	64QAM	25	25	20.93	20.97	20.85		
10	64QAM	50	0	20.89	20.83	20.86		
10	256QAM	1	0	19.02	19.02	19.03	20	5
10	256QAM	1	25	19.04	19.11	19.09		
10	256QAM	1	49	18.97	19.01	18.96		
10	256QAM	25	0	19.04	19.02	19.01	20	5
10	256QAM	25	12	18.83	18.85	18.87		
10	256QAM	25	25	18.98	18.95	18.93		
10	256QAM	50	0	18.86	18.86	18.95		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.03	24.04	23.96	25	0
5	QPSK	1	12	23.93	23.92	23.83		
5	QPSK	1	24	23.69	23.73	23.7		
5	QPSK	12	0	22.92	22.96	22.91	24	1
5	QPSK	12	7	22.89	22.82	22.83		
5	QPSK	12	13	22.8	22.82	22.86		
5	QPSK	25	0	22.9	22.92	22.78		
5	16QAM	1	0	23.12	23.15	23.23	24	1
5	16QAM	1	12	23.14	23.1	23.19		
5	16QAM	1	24	23.06	22.97	22.91		
5	16QAM	12	0	21.82	21.98	21.94	23	2
5	16QAM	12	7	21.92	21.92	21.91		
5	16QAM	12	13	21.88	21.9	21.85		
5	16QAM	25	0	21.95	21.89	21.94		
5	64QAM	1	0	22.01	22.11	22.11	23	2
5	64QAM	1	12	22.1	22.12	22.112		
5	64QAM	1	24	22	22.01	22.03		
5	64QAM	12	0	20.94	20.91	20.95	22	3
5	64QAM	12	7	20.92	20.88	20.89		
5	64QAM	12	13	20.89	20.94	20.78		
5	64QAM	25	0	20.87	20.89	20.89		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.13	19.15	19.12		
5	256QAM	1	24	19.00	18.96	18.97		
5	256QAM	12	0	19.04	19.00	19.00	20	5
5	256QAM	12	7	18.87	18.89	18.81		
5	256QAM	12	13	18.95	18.91	18.88		
5	256QAM	25	0	18.79	18.95	18.94		

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.99	24.04	24.01	25	0
20	QPSK	1	49	23.94	23.95	23.94		
20	QPSK	1	99	23.77	23.85	23.78		
20	QPSK	50	0	22.96	23	22.97	24	1
20	QPSK	50	24	22.95	22.93	22.94		
20	QPSK	50	50	22.93	22.93	22.91		
20	QPSK	100	0	22.98	22.99	22.95		
20	16QAM	1	0	23.1	23.19	23.25	24	1
20	16QAM	1	49	23.31	23.43	23.43		
20	16QAM	1	99	23.08	23.13	23.16		
20	16QAM	50	0	21.99	21.99	21.91	23	2
20	16QAM	50	24	22	21.94	21.99		
20	16QAM	50	50	21.98	21.94	21.92		
20	16QAM	100	0	22	21.99	21.96		
20	64QAM	1	0	22.17	22.2	22.02	23	2
20	64QAM	1	49	22.2	22.23	22.32		
20	64QAM	1	99	22.02	22.07	22.07		
20	64QAM	50	0	20.97	20.94	20.94	22	3
20	64QAM	50	24	21.02	20.93	20.98		
20	64QAM	50	50	20.97	20.93	20.93		
20	64QAM	100	0	20.99	20.99	20.97		
20	256QAM	1	0	18.83	19.00	18.86	20	5
20	256QAM	1	49	18.97	18.99	18.92		
20	256QAM	1	99	18.93	18.94	18.89		
20	256QAM	50	0	18.82	18.83	18.79	20	5
20	256QAM	50	24	18.88	18.81	18.81		
20	256QAM	50	50	18.87	18.83	18.76		
20	256QAM	100	0	18.83	18.85	18.82		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.99	23.87	23.87	25	0
15	QPSK	1	37	23.91	23.9	23.92		
15	QPSK	1	74	23.8	23.76	23.81		
15	QPSK	36	0	22.96	22.94	22.92	24	1
15	QPSK	36	20	23.01	23	22.96		
15	QPSK	36	39	22.95	22.94	22.92		
15	QPSK	75	0	23.02	22.96	22.88		
15	16QAM	1	0	23.26	23.21	23.17	24	1
15	16QAM	1	37	23.21	23.24	23.31		
15	16QAM	1	74	23.15	23.09	23.22		
15	16QAM	36	0	21.97	21.94	21.94	23	2
15	16QAM	36	20	22.02	22.02	22		
15	16QAM	36	39	21.96	21.99	21.94		
15	16QAM	75	0	22.01	21.98	21.88		
15	64QAM	1	0	22.16	22.05	22.17	23	2
15	64QAM	1	37	22.12	22.14	22.09		
15	64QAM	1	74	22.07	22.01	22.07		
15	64QAM	36	0	20.96	20.96	20.93	22	3
15	64QAM	36	20	21.04	21.01	20.99		
15	64QAM	36	39	20.99	20.94	20.93		
15	64QAM	75	0	21.01	20.99	20.87		
15	256QAM	1	0	18.67	18.90	18.74	20	5
15	256QAM	1	37	18.86	18.87	18.76		
15	256QAM	1	74	18.84	18.83	18.78		
15	256QAM	36	0	18.69	18.68	18.66	20	5
15	256QAM	36	20	18.79	18.74	18.64		
15	256QAM	36	39	18.79	18.71	18.61		
15	256QAM	75	0	18.68	18.73	18.65		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.02	24.02	24.01	25	0
10	QPSK	1	25	24	24.03	24.01		
10	QPSK	1	49	23.93	23.93	23.94		
10	QPSK	25	0	23.16	23.08	23.04	24	1
10	QPSK	25	12	23.14	23.03	23.01		
10	QPSK	25	25	23.05	23.06	23		
10	QPSK	50	0	23.12	23.12	22.98		
10	16QAM	1	0	23.52	23.45	23.48	24	1
10	16QAM	1	25	23.32	23.35	23.36		
10	16QAM	1	49	23.37	23.35	23.36		
10	16QAM	25	0	22.18	22.12	22.08	23	2
10	16QAM	25	12	22.14	22.06	22.03		
10	16QAM	25	25	22.09	22.1	22.05		
10	16QAM	50	0	22.14	22.12	22		
10	64QAM	1	0	22.26	22.31	22.21	23	2
10	64QAM	1	25	22.27	22.3	22.22		
10	64QAM	1	49	22.3	22.18	22.21		
10	64QAM	25	0	21.18	21.07	21.06	22	3
10	64QAM	25	12	21.16	21.04	21.02		
10	64QAM	25	25	21.08	21.07	21.04		
10	64QAM	50	0	21.12	21.15	20.98		
10	256QAM	1	0	18.73	18.85	18.77	20	5
10	256QAM	1	25	18.85	18.92	18.77		
10	256QAM	1	49	18.76	18.81	18.76		
10	256QAM	25	0	18.74	18.71	18.68	20	5
10	256QAM	25	12	18.71	18.64	18.74		
10	256QAM	25	25	18.76	18.68	18.60		
10	256QAM	50	0	18.74	18.72	18.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.01	24.03	24.02	25	0
5	QPSK	1	12	24.01	24	24.01		
5	QPSK	1	24	23.99	23.97	23.92		
5	QPSK	12	0	23.17	23.08	23.05	24	1
5	QPSK	12	7	23.14	23.08	23.01		
5	QPSK	12	13	23.02	23	23		
5	QPSK	25	0	23.13	23.09	22.97		
5	16QAM	1	0	23.55	23.37	23.33	24	1
5	16QAM	1	12	23.5	23.55	23.51		
5	16QAM	1	24	23.34	23.38	23.31		
5	16QAM	12	0	22.26	22.14	22.08	23	2
5	16QAM	12	7	22.21	22.2	22.07		
5	16QAM	12	13	22.06	22.05	22.07		
5	16QAM	25	0	22.12	22.13	22.02		
5	64QAM	1	0	22.35	22.33	22.29	23	2
5	64QAM	1	12	22.4	22.35	22.26		
5	64QAM	1	24	22.19	22.25	22.18		
5	64QAM	12	0	21.23	21.12	21.07	22	3
5	64QAM	12	7	21.2	21.16	21.04		
5	64QAM	12	13	21.07	21.1	21.05		
5	64QAM	25	0	21.12	21.11	20.98		
5	256QAM	1	0	18.72	18.87	18.73	20	5
5	256QAM	1	12	18.83	18.88	18.77		
5	256QAM	1	24	18.80	18.79	18.82		
5	256QAM	12	0	18.74	18.75	18.67	20	5
5	256QAM	12	7	18.78	18.64	18.65		
5	256QAM	12	13	18.73	18.69	18.67		
5	256QAM	25	0	18.69	18.68	18.66		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.01	24.03	24.02	25	0
3	QPSK	1	8	24	24.01	24.02		
3	QPSK	1	14	23.91	23.87	23.83		
3	QPSK	8	0	23.16	23.13	23.01	24	1
3	QPSK	8	4	23.12	23.11	23.06		
3	QPSK	8	7	23.08	23.04	22.97		
3	QPSK	15	0	23.09	23.07	22.94		
3	16QAM	1	0	23.52	23.52	23.38	24	1
3	16QAM	1	8	23.46	23.43	23.43		
3	16QAM	1	14	23.33	23.33	23.22		
3	16QAM	8	0	22.25	22.22	22.1	23	2
3	16QAM	8	4	22.2	22.21	22.17		
3	16QAM	8	7	22.14	22.13	22.09		
3	16QAM	15	0	22.12	22.13	21.97		
3	64QAM	1	0	22.33	22.26	22.2	23	2
3	64QAM	1	8	22.27	22.3	22.27		
3	64QAM	1	14	22.22	22.17	22.1		
3	64QAM	8	0	21.2	21.18	21.07	22	3
3	64QAM	8	4	21.14	21.14	21.12		
3	64QAM	8	7	21.11	21.09	21.03		
3	64QAM	15	0	21.13	21.12	20.99		
3	256QAM	1	0	18.70	18.88	18.75	20	5
3	256QAM	1	8	18.90	18.83	18.75		
3	256QAM	1	14	18.83	18.82	18.81		
3	256QAM	8	0	18.68	18.73	18.62	20	5
3	256QAM	8	4	18.79	18.67	18.74		
3	256QAM	8	7	18.79	18.75	18.68		
3	256QAM	15	0	18.76	18.70	18.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.98	24.03	23.99	25	0
1.4	QPSK	1	3	23.95	24.01	24.02		
1.4	QPSK	1	5	24.02	23.99	23.89		
1.4	QPSK	3	0	24.01	24	24.01		
1.4	QPSK	3	1	24	24.01	24.02		
1.4	QPSK	3	3	23.93	24.03	23.99		
1.4	QPSK	6	0	23.07	23.07	22.99	24	1
1.4	16QAM	1	0	23.5	23.49	23.49	24	1
1.4	16QAM	1	3	23.52	23.52	23.46		
1.4	16QAM	1	5	23.46	23.38	23.31		
1.4	16QAM	3	0	23.33	23.27	23.24		
1.4	16QAM	3	1	23.28	23.28	23.22		
1.4	16QAM	3	3	23.24	23.2	23.15		
1.4	16QAM	6	0	22.13	22.12	22.07	23	2
1.4	64QAM	1	0	22.34	22.2	22.25	23	2
1.4	64QAM	1	3	22.32	22.2	22.23		
1.4	64QAM	1	5	22.2	22.23	22.17		
1.4	64QAM	3	0	22.25	22.17	22.1		
1.4	64QAM	3	1	22.24	22.22	22.18		
1.4	64QAM	3	3	22.19	22.16	22.17		
1.4	64QAM	6	0	21.16	21.17	21.08	22	3
1.4	256QAM	1	0	18.76	18.83	18.77	20	5
1.4	256QAM	1	3	18.81	18.91	18.76		
1.4	256QAM	1	5	18.84	18.86	18.75		
1.4	256QAM	3	0	18.73	18.70	18.72		
1.4	256QAM	3	1	18.78	18.67	18.73		
1.4	256QAM	3	3	18.80	18.73	18.59		
1.4	256QAM	6	0	18.68	18.72	18.59	20	5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	24.01	23.87	25	0
20	QPSK	1	49	23.88	23.89	23.8		
20	QPSK	1	99	23.74	23.72	23.73		
20	QPSK	50	0	22.92	22.96	22.86	24	1
20	QPSK	50	24	22.84	22.88	22.8		
20	QPSK	50	50	22.79	22.86	22.82		
20	QPSK	100	0	22.82	22.92	22.77		
20	16QAM	1	0	23.3	23.19	23.23	24	1
20	16QAM	1	49	23.35	23.36	23.26		
20	16QAM	1	99	23.03	23.05	22.94		
20	16QAM	50	0	21.95	21.91	21.85	23	2
20	16QAM	50	24	22	21.9	21.81		
20	16QAM	50	50	21.9	21.86	21.81		
20	16QAM	100	0	21.95	21.84	21.77		
20	64QAM	1	0	22.1	22.12	22.17	23	2
20	64QAM	1	49	22.13	22.04	21.98		
20	64QAM	1	99	22.06	21.84	21.86		
20	64QAM	50	0	20.91	20.9	20.86	22	3
20	64QAM	50	24	20.97	20.9	20.8		
20	64QAM	50	50	20.91	20.87	20.81		
20	64QAM	100	0	20.94	20.86	20.77		
20	256QAM	1	0	18.96	18.98	19.01	20	5
20	256QAM	1	49	18.99	19.09	18.94		
20	256QAM	1	99	18.98	19.04	18.94		
20	256QAM	50	0	18.87	18.95	18.83	20	5
20	256QAM	50	24	18.92	18.88	18.86		
20	256QAM	50	50	18.94	18.92	18.91		
20	256QAM	100	0	18.99	18.84	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.86	23.86	23.83	25	0
15	QPSK	1	37	23.9	23.89	23.81		
15	QPSK	1	74	23.73	23.72	23.64		
15	QPSK	36	0	22.89	22.88	22.82	24	1
15	QPSK	36	20	22.96	22.88	22.88		
15	QPSK	36	39	22.88	22.87	22.77		
15	QPSK	75	0	22.92	22.84	22.75		
15	16QAM	1	0	23.27	23.15	23.18	24	1
15	16QAM	1	37	23.3	23.19	23.19		
15	16QAM	1	74	23.02	23.11	22.93		
15	16QAM	36	0	21.93	21.89	21.8	23	2
15	16QAM	36	20	22	21.86	21.85		
15	16QAM	36	39	21.89	21.87	21.79		
15	16QAM	75	0	21.94	21.84	21.75		
15	64QAM	1	0	22.08	22.13	22.04	23	2
15	64QAM	1	37	22.09	22.05	21.95		
15	64QAM	1	74	21.99	21.89	21.84		
15	64QAM	36	0	20.91	20.9	20.79	22	3
15	64QAM	36	20	20.98	20.91	20.88		
15	64QAM	36	39	20.89	20.84	20.81		
15	64QAM	75	0	20.95	20.83	20.74		
15	256QAM	1	0	18.96	18.92	19.00	20	5
15	256QAM	1	37	18.94	19.12	18.97		
15	256QAM	1	74	18.93	19.06	18.97		
15	256QAM	36	0	18.81	18.96	18.80	20	5
15	256QAM	36	20	18.88	18.85	18.80		
15	256QAM	36	39	18.90	18.86	18.91		
15	256QAM	75	0	18.96	18.78	18.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.95	23.96	23.9	25	0
10	QPSK	1	25	23.99	23.97	23.84		
10	QPSK	1	49	23.84	23.85	23.75		
10	QPSK	25	0	23.02	23.01	22.98	24	1
10	QPSK	25	12	23.08	23.01	22.97		
10	QPSK	25	25	23.04	23.03	22.91		
10	QPSK	50	0	23.04	22.97	22.96		
10	16QAM	1	0	23.39	23.46	23.22	24	1
10	16QAM	1	25	23.39	23.3	23.26		
10	16QAM	1	49	23.3	23.33	23.19		
10	16QAM	25	0	22.08	22.03	21.98	23	2
10	16QAM	25	12	22.11	22.02	22		
10	16QAM	25	25	22.07	22.03	21.93		
10	16QAM	50	0	22.07	21.98	21.95		
10	64QAM	1	0	22.13	22.13	22.12	23	2
10	64QAM	1	25	22.23	22.19	22.09		
10	64QAM	1	49	22.15	22.19	21.96		
10	64QAM	25	0	21.02	21.02	21.01	22	3
10	64QAM	25	12	21.11	21.01	20.98		
10	64QAM	25	25	21.04	21.01	20.94		
10	64QAM	50	0	21.06	20.96	20.94		
10	256QAM	1	0	18.99	18.91	18.99	20	5
10	256QAM	1	25	18.99	19.07	18.89		
10	256QAM	1	49	18.97	19.00	18.95		
10	256QAM	25	0	18.82	18.93	18.83	20	5
10	256QAM	25	12	18.89	18.86	18.83		
10	256QAM	25	25	18.96	18.91	18.87		
10	256QAM	50	0	18.99	18.81	18.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.98	23.97	23.87	25	0
5	QPSK	1	12	23.95	24	23.89		
5	QPSK	1	24	23.96	23.89	23.81		
5	QPSK	12	0	23.08	22.97	22.94	24	1
5	QPSK	12	7	23.06	23.06	22.92		
5	QPSK	12	13	23.03	23.03	22.88		
5	QPSK	25	0	23.03	22.94	22.9		
5	16QAM	1	0	23.3	23.38	23.18	24	1
5	16QAM	1	12	23.41	23.49	23.3		
5	16QAM	1	24	23.34	23.22	23.16		
5	16QAM	12	0	22.09	21.98	21.95	23	2
5	16QAM	12	7	22.1	22.1	21.94		
5	16QAM	12	13	22.09	22.07	21.96		
5	16QAM	25	0	22.05	21.99	21.93		
5	64QAM	1	0	22.2	22.31	22.17	23	2
5	64QAM	1	12	22.27	22.2	22.03		
5	64QAM	1	24	22.2	22.21	22.01		
5	64QAM	12	0	21.05	21.01	20.96	22	3
5	64QAM	12	7	21.09	21.07	20.95		
5	64QAM	12	13	21.08	21.01	20.89		
5	64QAM	25	0	21.07	20.96	20.92		
5	256QAM	1	0	18.89	19.00	18.98	20	5
5	256QAM	1	12	18.94	19.03	18.89		
5	256QAM	1	24	19.01	19.05	18.90		
5	256QAM	12	0	18.82	18.93	18.86	20	5
5	256QAM	12	7	18.88	18.85	18.87		
5	256QAM	12	13	18.89	18.93	18.88		
5	256QAM	25	0	18.96	18.79	18.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.91	23.88	23.78	25	0
3	QPSK	1	8	23.95	23.96	23.86		
3	QPSK	1	14	23.9	23.86	23.74		
3	QPSK	8	0	23.04	22.97	22.91	24	1
3	QPSK	8	4	23.07	23.05	22.92		
3	QPSK	8	7	23.06	23.03	22.9		
3	QPSK	15	0	23.02	22.92	22.88		
3	16QAM	1	0	23.31	23.17	23.13	24	1
3	16QAM	1	8	23.41	23.31	23.31		
3	16QAM	1	14	23.21	23.18	23.13		
3	16QAM	8	0	22.1	22.02	21.98	23	2
3	16QAM	8	4	22.12	22.1	22.02		
3	16QAM	8	7	22.13	22.09	21.95		
3	16QAM	15	0	22.04	21.99	21.91		
3	64QAM	1	0	22.23	22.13	22.06	23	2
3	64QAM	1	8	22.21	22.22	22.07		
3	64QAM	1	14	22.09	22.17	21.98		
3	64QAM	8	0	21.08	20.99	20.9	22	3
3	64QAM	8	4	21.1	21.06	20.97		
3	64QAM	8	7	21.09	21.03	20.91		
3	64QAM	15	0	21.04	20.97	20.93		
3	256QAM	1	0	18.98	18.93	19.03	20	5
3	256QAM	1	8	18.98	19.03	18.90		
3	256QAM	1	14	18.99	18.97	18.87		
3	256QAM	8	0	18.81	18.91	18.84	20	5
3	256QAM	8	4	18.95	18.85	18.81		
3	256QAM	8	7	18.95	18.93	18.86		
3	256QAM	15	0	18.98	18.77	18.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.92	23.93	23.78	25	0
1.4	QPSK	1	3	23.97	23.98	23.85		
1.4	QPSK	1	5	23.94	23.9	23.76		
1.4	QPSK	3	0	23.99	24	23.84		
1.4	QPSK	3	1	23.98	23.97	23.86		
1.4	QPSK	3	3	23.99	23.99	23.86		
1.4	QPSK	6	0	23	23	22.87	24	1
1.4	16QAM	1	0	23.4	23.36	23.2	24	1
1.4	16QAM	1	3	23.38	23.37	23.15		
1.4	16QAM	1	5	23.37	23.49	23.26		
1.4	16QAM	3	0	23.17	23.15	23.02		
1.4	16QAM	3	1	23.18	23.09	23.01		
1.4	16QAM	3	3	23.16	23.11	23.05		
1.4	16QAM	6	0	22.07	22.1	21.96	23	2
1.4	64QAM	1	0	22.1	22.25	22.02	23	2
1.4	64QAM	1	3	22.16	22.21	22.04		
1.4	64QAM	1	5	22.13	22.21	22		
1.4	64QAM	3	0	22.09	22.17	22.01		
1.4	64QAM	3	1	22.12	22.12	21.96		
1.4	64QAM	3	3	22.11	22.08	22.01		
1.4	64QAM	6	0	21.03	21.04	20.92	22	3
1.4	256QAM	1	0	18.90	18.91	18.96	20	5
1.4	256QAM	1	3	18.95	19.10	18.88		
1.4	256QAM	1	5	18.92	18.98	18.90		
1.4	256QAM	3	0	18.83	18.95	18.86		
1.4	256QAM	3	1	18.87	18.86	18.81		
1.4	256QAM	3	3	18.97	18.90	18.88		
1.4	256QAM	6	0	18.94	18.87	18.84	20	5

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	0
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	21.95	22.06	21.95		
1.4	64QAM	3	3	21.84	21.94	21.9		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 4_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.08	21.15	21.02	22	0
20	QPSK	1	49	20.92	20.99	20.92		
20	QPSK	1	99	20.86	20.91	20.86		
20	QPSK	50	0	20.76	20.85	20.72	22	0
20	QPSK	50	24	20.74	20.83	20.69		
20	QPSK	50	50	20.65	20.73	20.62		
20	QPSK	100	0	20.6	20.76	20.62		
20	16QAM	1	0	20.74	20.85	20.69	22	0
20	16QAM	1	49	20.69	20.74	20.66		
20	16QAM	1	99	20.62	20.75	20.68		
20	16QAM	50	0	20.69	20.82	20.75	22	0
20	16QAM	50	24	20.74	20.85	20.77		
20	16QAM	50	50	20.66	20.76	20.7		
20	16QAM	100	0	20.59	20.75	20.7		
20	64QAM	1	0	20.85	20.97	20.91	22	0
20	64QAM	1	49	20.86	20.93	20.84		
20	64QAM	1	99	20.81	20.86	20.81		
20	64QAM	50	0	20.16	20.21	20.13	22	0
20	64QAM	50	24	20.15	20.22	20.09		
20	64QAM	50	50	20.07	20.16	20.03		
20	64QAM	100	0	20.07	20.21	20.05		
20	256QAM	1	0	18.14	18.23	18.13	19	3
20	256QAM	1	49	18.17	18.33	18.21		
20	256QAM	1	99	18.18	18.32	18.19		
20	256QAM	50	0	18.17	18.25	18.19	19	3
20	256QAM	50	24	18.19	18.28	18.23		
20	256QAM	50	50	18.17	18.27	18.14		
20	256QAM	100	0	18.21	18.26	18.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21	21.03	20.96	22	0
15	QPSK	1	37	20.85	20.86	20.85		
15	QPSK	1	74	20.7	20.76	20.7		
15	QPSK	36	0	20.7	20.79	20.58	22	0
15	QPSK	36	20	20.69	20.73	20.54		
15	QPSK	36	39	20.59	20.67	20.49		
15	QPSK	75	0	20.52	20.69	20.55		
15	16QAM	1	0	20.58	20.75	20.57	22	0
15	16QAM	1	37	20.59	20.68	20.6		
15	16QAM	1	74	20.48	20.6	20.58		
15	16QAM	36	0	20.6	20.71	20.67	22	0
15	16QAM	36	20	20.65	20.73	20.68		
15	16QAM	36	39	20.56	20.69	20.65		
15	16QAM	75	0	20.51	20.6	20.65		
15	64QAM	1	0	20.73	20.85	20.78	22	0
15	64QAM	1	37	20.75	20.83	20.77		
15	64QAM	1	74	20.73	20.77	20.67		
15	64QAM	36	0	20.03	20.1	20.02	22	0
15	64QAM	36	20	20.08	20.11	20.02		
15	64QAM	36	39	19.99	20.04	19.98		
15	64QAM	75	0	19.92	20.05	19.89		
15	256QAM	1	0	18.03	18.14	18.05	19	3
15	256QAM	1	37	18.09	18.17	18.11		
15	256QAM	1	74	18.08	18.16	18.08		
15	256QAM	36	0	18.08	18.20	18.07	19	3
15	256QAM	36	20	18.05	18.22	18.16		
15	256QAM	36	39	18.04	18.15	18.02		
15	256QAM	75	0	18.08	18.11	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.99	21.01	20.9	22	0
10	QPSK	1	25	20.86	20.84	20.8		
10	QPSK	1	49	20.76	20.83	20.7		
10	QPSK	25	0	20.67	20.7	20.66	22	0
10	QPSK	25	12	20.67	20.72	20.57		
10	QPSK	25	25	20.49	20.68	20.57		
10	QPSK	50	0	20.54	20.62	20.55		
10	16QAM	1	0	20.65	20.72	20.53	22	0
10	16QAM	1	25	20.62	20.65	20.57		
10	16QAM	1	49	20.46	20.69	20.52		
10	16QAM	25	0	20.56	20.72	20.69	22	0
10	16QAM	25	12	20.63	20.69	20.67		
10	16QAM	25	25	20.61	20.71	20.54		
10	16QAM	50	0	20.51	20.66	20.65		
10	64QAM	1	0	20.76	20.92	20.76	22	0
10	64QAM	1	25	20.73	20.88	20.76		
10	64QAM	1	49	20.66	20.71	20.74		
10	64QAM	25	0	20.06	20.14	20.08	22	0
10	64QAM	25	12	20.03	20.06	19.93		
10	64QAM	25	25	19.96	20.1	19.96		
10	64QAM	50	0	19.94	20.15	19.89		
10	256QAM	1	0	18.05	18.14	18.08	19	3
10	256QAM	1	25	18.02	18.26	18.07		
10	256QAM	1	49	18.12	18.27	18.08		
10	256QAM	25	0	18.12	18.16	18.11	19	3
10	256QAM	25	12	18.11	18.23	18.12		
10	256QAM	25	25	18.06	18.11	18.05		
10	256QAM	50	0	18.12	18.20	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.03	20.95	22	0
5	QPSK	1	12	20.83	20.94	20.85		
5	QPSK	1	24	20.81	20.86	20.76		
5	QPSK	12	0	20.69	20.77	20.61	22	0
5	QPSK	12	7	20.61	20.78	20.58		
5	QPSK	12	13	20.58	20.62	20.48		
5	QPSK	25	0	20.55	20.63	20.47		
5	16QAM	1	0	20.63	20.75	20.61	22	0
5	16QAM	1	12	20.57	20.63	20.57		
5	16QAM	1	24	20.56	20.7	20.58		
5	16QAM	12	0	20.59	20.67	20.69	22	0
5	16QAM	12	7	20.62	20.79	20.62		
5	16QAM	12	13	20.6	20.67	20.56		
5	16QAM	25	0	20.52	20.61	20.57		
5	64QAM	1	0	20.73	20.85	20.82	22	0
5	64QAM	1	12	20.76	20.88	20.75		
5	64QAM	1	24	20.73	20.8	20.75		
5	64QAM	12	0	20.03	20.15	20.02	22	0
5	64QAM	12	7	20.1	20.1	19.94		
5	64QAM	12	13	19.97	20.07	19.93		
5	64QAM	25	0	19.98	20.11	19.94		
5	256QAM	1	0	18.06	18.09	18.15	19	3
5	256QAM	1	12	18.09	18.23	18.10		
5	256QAM	1	24	18.07	18.18	18.11		
5	256QAM	12	0	18.09	18.18	18.09	19	3
5	256QAM	12	7	18.12	18.18	18.13		
5	256QAM	12	13	18.07	18.21	18.02		
5	256QAM	25	0	18.14	18.14	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.02	20.87	22	0
3	QPSK	1	8	20.83	20.93	20.87		
3	QPSK	1	14	20.8	20.81	20.76		
3	QPSK	8	0	20.7	20.76	20.61	22	0
3	QPSK	8	4	20.64	20.76	20.54		
3	QPSK	8	7	20.49	20.67	20.51		
3	QPSK	15	0	20.54	20.61	20.51		
3	16QAM	1	0	20.69	20.79	20.59	22	0
3	16QAM	1	8	20.61	20.6	20.6		
3	16QAM	1	14	20.5	20.59	20.56		
3	16QAM	8	0	20.62	20.69	20.63	22	0
3	16QAM	8	4	20.67	20.8	20.67		
3	16QAM	8	7	20.6	20.65	20.56		
3	16QAM	15	0	20.52	20.68	20.6		
3	64QAM	1	0	20.73	20.82	20.8	22	0
3	64QAM	1	8	20.78	20.78	20.71		
3	64QAM	1	14	20.7	20.7	20.66		
3	64QAM	8	0	20.09	20.07	20.07	22	0
3	64QAM	8	4	20.04	20.09	19.95		
3	64QAM	8	7	19.95	20.05	19.94		
3	64QAM	15	0	19.92	20.05	19.89		
3	256QAM	1	0	18.01	18.07	18.05	19	3
3	256QAM	1	8	18.03	18.25	18.13		
3	256QAM	1	14	18.03	18.18	18.14		
3	256QAM	8	0	18.09	18.10	18.12	19	3
3	256QAM	8	4	18.05	18.15	18.12		
3	256QAM	8	7	18.06	18.21	18.18		
3	256QAM	15	0	18.13	18.19	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.92	21.09	20.96	22	0
1.4	QPSK	1	3	20.79	20.93	20.87		
1.4	QPSK	1	5	20.78	20.84	20.74		
1.4	QPSK	3	0	20.64	20.76	20.65		
1.4	QPSK	3	1	20.64	20.76	20.74		
1.4	QPSK	3	3	20.83	20.88	20.83		
1.4	QPSK	6	0	20.75	20.98	20.84	22	0
1.4	16QAM	1	0	20.8	20.9	20.84	22	0
1.4	16QAM	1	3	20.73	20.86	20.76		
1.4	16QAM	1	5	20.75	20.8	20.82		
1.4	16QAM	3	0	20.77	20.91	20.87		
1.4	16QAM	3	1	20.81	20.96	20.89		
1.4	16QAM	3	3	20.72	20.91	20.78		
1.4	16QAM	6	0	20.71	20.85	20.78	22	0
1.4	64QAM	1	0	20.91	21.12	21.04	22	0
1.4	64QAM	1	3	20.97	21.06	20.9		
1.4	64QAM	1	5	20.9	20.91	20.92		
1.4	64QAM	3	0	20.21	20.25	20.2		
1.4	64QAM	3	1	20.3	20.36	20.16		
1.4	64QAM	3	3	20.21	20.2	20.15		
1.4	64QAM	6	0	19.91	20.07	19.91	21	1
1.4	256QAM	1	0	18.04	18.08	18.01	19	3
1.4	256QAM	1	3	18.03	18.20	18.12		
1.4	256QAM	1	5	18.06	18.25	18.11		
1.4	256QAM	3	0	18.02	18.17	18.11		
1.4	256QAM	3	1	18.13	18.19	18.15		
1.4	256QAM	3	3	18.05	18.15	18.08		
1.4	256QAM	6	0	18.16	18.14	18.07	19	3

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.27	23.32	23.3	25	0
10	QPSK	1	25	23.25	23.3	23.29		
10	QPSK	1	49	23.23	23.2	23.22		
10	QPSK	25	0	22.38	22.43	22.37	24	1
10	QPSK	25	12	22.36	22.35	22.32		
10	QPSK	25	25	22.34	22.34	22.31		
10	QPSK	50	0	22.35	22.38	22.32		
10	16QAM	1	0	22.68	22.67	22.71	24	1
10	16QAM	1	25	22.63	22.68	22.66		
10	16QAM	1	49	22.68	22.69	22.64		
10	16QAM	25	0	21.35	21.37	21.34	23	2
10	16QAM	25	12	21.42	21.32	21.37		
10	16QAM	25	25	21.38	21.38	21.41		
10	16QAM	50	0	21.42	21.32	21.32		
10	64QAM	1	0	21.55	21.56	21.58	23	2
10	64QAM	1	25	21.47	21.49	21.49		
10	64QAM	1	49	21.43	21.45	21.53		
10	64QAM	25	0	20.33	20.33	20.35	22	3
10	64QAM	25	12	20.42	20.33	20.34		
10	64QAM	25	25	20.37	20.36	20.37		
10	64QAM	50	0	20.43	20.32	20.34		
10	256QAM	1	0	18.77	18.82	18.80	20	5
10	256QAM	1	25	18.83	18.90	18.81		
10	256QAM	1	49	18.73	18.76	18.72		
10	256QAM	25	0	18.63	18.69	18.64	20	5
10	256QAM	25	12	18.83	18.81	18.79		
10	256QAM	25	25	18.61	18.68	18.63		
10	256QAM	50	0	18.62	18.69	18.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.31	23.3	23.25	25	0
5	QPSK	1	12	23.26	23.28	23.3		
5	QPSK	1	24	23.31	23.3	23.22		
5	QPSK	12	0	22.31	22.3	22.29	24	1
5	QPSK	12	7	22.4	22.38	22.27		
5	QPSK	12	13	22.37	22.34	22.35		
5	QPSK	25	0	22.37	22.29	22.28		
5	16QAM	1	0	22.66	22.71	22.59	24	1
5	16QAM	1	12	22.65	22.73	22.76		
5	16QAM	1	24	22.6	22.63	22.55		
5	16QAM	12	0	21.39	21.39	21.36	23	2
5	16QAM	12	7	21.45	21.42	21.31		
5	16QAM	12	13	21.43	21.41	21.4		
5	16QAM	25	0	21.42	21.3	21.32		
5	64QAM	1	0	21.67	21.62	21.5	23	2
5	64QAM	1	12	21.62	21.62	21.58		
5	64QAM	1	24	21.6	21.66	21.42		
5	64QAM	12	0	20.38	20.35	20.35	22	3
5	64QAM	12	7	20.43	20.45	20.31		
5	64QAM	12	13	20.4	20.39	20.38		
5	64QAM	25	0	20.41	20.33	20.34		
5	256QAM	1	0	18.80	18.85	18.75	20	5
5	256QAM	1	12	18.86	18.88	18.86		
5	256QAM	1	24	18.71	18.78	18.72		
5	256QAM	12	0	18.60	18.63	18.65	20	5
5	256QAM	12	7	18.77	18.78	18.76		
5	256QAM	12	13	18.63	18.63	18.67		
5	256QAM	25	0	18.64	18.72	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.22	23.27	23.25	25	0
3	QPSK	1	8	23.28	23.29	23.28		
3	QPSK	1	14	23.24	23.24	23.22		
3	QPSK	8	0	22.36	22.28	22.25	24	1
3	QPSK	8	4	22.36	22.38	22.34		
3	QPSK	8	7	22.34	22.34	22.32		
3	QPSK	15	0	22.33	22.22	22.31		
3	16QAM	1	0	22.56	22.62	22.58	24	1
3	16QAM	1	8	22.69	22.79	22.72		
3	16QAM	1	14	22.67	22.65	22.68		
3	16QAM	8	0	21.44	21.37	21.36	23	2
3	16QAM	8	4	21.47	21.44	21.46		
3	16QAM	8	7	21.4	21.42	21.42		
3	16QAM	15	0	21.38	21.28	21.36		
3	64QAM	1	0	21.57	21.56	21.52	23	2
3	64QAM	1	8	21.62	21.58	21.61		
3	64QAM	1	14	21.55	21.41	21.49		
3	64QAM	8	0	20.4	20.37	20.31	22	3
3	64QAM	8	4	20.39	20.4	20.4		
3	64QAM	8	7	20.4	20.43	20.36		
3	64QAM	15	0	20.37	20.31	20.36		
3	256QAM	1	0	18.77	18.76	18.77	20	5
3	256QAM	1	8	18.89	18.90	18.90		
3	256QAM	1	14	18.76	18.74	18.71		
3	256QAM	8	0	18.63	18.67	18.68	20	5
3	256QAM	8	4	18.82	18.74	18.76		
3	256QAM	8	7	18.58	18.61	18.66		
3	256QAM	15	0	18.61	18.69	18.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.26	23.23	23.26	25	0
1.4	QPSK	1	3	23.27	23.31	23.26		
1.4	QPSK	1	5	23.25	23.21	23.23		
1.4	QPSK	3	0	23.3	23.29	23.31		
1.4	QPSK	3	1	23.29	23.28	23.3		
1.4	QPSK	3	3	23.31	23.31	23.28		
1.4	QPSK	6	0	22.32	22.25	22.28	24	1
1.4	16QAM	1	0	22.71	22.6	22.73	24	1
1.4	16QAM	1	3	22.86	22.71	22.75		
1.4	16QAM	1	5	22.73	22.66	22.65		
1.4	16QAM	3	0	22.46	22.45	22.44		
1.4	16QAM	3	1	22.45	22.42	22.46		
1.4	16QAM	3	3	22.46	22.48	22.44		
1.4	16QAM	6	0	21.41	21.31	21.34	23	2
1.4	64QAM	1	0	21.5	21.53	21.41	23	2
1.4	64QAM	1	3	21.57	21.48	21.51		
1.4	64QAM	1	5	21.42	21.57	21.53		
1.4	64QAM	3	0	21.47	21.44	21.42		
1.4	64QAM	3	1	21.41	21.43	21.41		
1.4	64QAM	3	3	21.47	21.49	21.44		
1.4	64QAM	6	0	20.4	20.28	20.35	22	3
1.4	256QAM	1	0	18.78	18.75	18.81	20	5
1.4	256QAM	1	3	18.83	18.84	18.87		
1.4	256QAM	1	5	18.74	18.71	18.71		
1.4	256QAM	3	0	18.57	18.71	18.63		
1.4	256QAM	3	1	18.86	18.75	18.78		
1.4	256QAM	3	3	18.60	18.61	18.70		
1.4	256QAM	6	0	18.64	18.62	18.62	20	5

0.2

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.42	23.65	23.54	24.2	0
20	QPSK	1	49	23.36	23.56	23.45		
20	QPSK	1	99	23.34	23.47	23.35		
20	QPSK	50	0	22.58	22.63	22.6	23.2	1
20	QPSK	50	24	22.55	22.59	22.55		
20	QPSK	50	50	22.52	22.55	22.52		
20	QPSK	100	0	22.5	22.54	22.52		
20	16QAM	1	0	22.61	22.74	22.76	23.2	1
20	16QAM	1	49	22.82	22.81	22.8		
20	16QAM	1	99	22.7	22.79	22.7		
20	16QAM	50	0	21.45	21.51	21.42	22.2	2
20	16QAM	50	24	21.55	21.55	21.54		
20	16QAM	50	50	21.56	21.62	21.54		
20	16QAM	100	0	21.53	21.53	21.55		
20	64QAM	1	0	21.54	21.54	21.54	22.2	2
20	64QAM	1	49	21.8	21.76	21.62		
20	64QAM	1	99	21.65	21.72	21.69		
20	64QAM	50	0	20.44	20.52	20.42	21.2	3
20	64QAM	50	24	20.57	20.54	20.54		
20	64QAM	50	50	20.53	20.58	20.56		
20	64QAM	100	0	20.54	20.53	20.55		
20	256QAM	1	0	18.67	18.71	18.72	19.2	5
20	256QAM	1	49	18.62	18.61	18.55		
20	256QAM	1	99	18.72	18.74	18.74		
20	256QAM	50	0	18.54	18.51	18.52	19.2	5
20	256QAM	50	24	18.50	18.56	18.56		
20	256QAM	50	50	18.62	18.59	18.56		
20	256QAM	100	0	18.56	18.58	18.51		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.28	23.36	23.33	24.2	0
15	QPSK	1	37	23.4	23.52	23.42		
15	QPSK	1	74	23.41	23.48	23.42		
15	QPSK	36	0	22.48	22.48	22.42	23.2	1
15	QPSK	36	20	22.55	22.5	22.44		
15	QPSK	36	39	22.54	22.57	22.51		
15	QPSK	75	0	22.53	22.52	22.44		
15	16QAM	1	0	22.54	22.66	22.59	23.2	1
15	16QAM	1	37	22.8	22.82	22.8		
15	16QAM	1	74	22.7	22.86	22.67		
15	16QAM	36	0	21.49	21.49	21.4	22.2	2
15	16QAM	36	20	21.53	21.52	21.43		
15	16QAM	36	39	21.52	21.61	21.52		
15	16QAM	75	0	21.51	21.52	21.45		
15	64QAM	1	0	21.56	21.56	21.51	22.2	2
15	64QAM	1	37	21.69	21.75	21.65		
15	64QAM	1	74	21.68	21.68	21.63		
15	64QAM	36	0	20.5	20.49	20.44	21.2	3
15	64QAM	36	20	20.54	20.54	20.49		
15	64QAM	36	39	20.52	20.59	20.52		
15	64QAM	75	0	20.52	20.51	20.45		
15	256QAM	1	0	18.72	18.73	18.66	19.2	5
15	256QAM	1	37	18.53	18.56	18.58		
15	256QAM	1	74	18.64	18.74	18.67		
15	256QAM	36	0	18.40	18.48	18.39	19.2	5
15	256QAM	36	20	18.50	18.57	18.53		
15	256QAM	36	39	18.53	18.55	18.58		
15	256QAM	75	0	18.50	18.55	18.56		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.48	23.54	23.5	24.2	0
10	QPSK	1	25	23.62	23.6	23.57		
10	QPSK	1	49	23.63	23.62	23.6		
10	QPSK	25	0	22.63	22.65	22.63	23.2	1
10	QPSK	25	12	22.65	22.66	22.67		
10	QPSK	25	25	22.63	22.72	22.66		
10	QPSK	50	0	22.65	22.63	22.66		
10	16QAM	1	0	22.54	22.59	22.72	23.2	1
10	16QAM	1	25	22.66	22.76	22.62		
10	16QAM	1	49	22.64	22.85	22.77		
10	16QAM	25	0	21.66	21.66	21.67	22.2	2
10	16QAM	25	12	21.68	21.69	21.68		
10	16QAM	25	25	21.65	21.74	21.68		
10	16QAM	50	0	21.65	21.65	21.63		
10	64QAM	1	0	21.72	21.74	21.65	22.2	2
10	64QAM	1	25	21.88	21.9	21.8		
10	64QAM	1	49	21.73	21.82	21.71		
10	64QAM	25	0	20.61	20.63	20.63	21.2	3
10	64QAM	25	12	20.67	20.68	20.67		
10	64QAM	25	25	20.66	20.74	20.66		
10	64QAM	50	0	20.65	20.66	20.65		
10	256QAM	1	0	18.73	18.73	18.62	19.2	5
10	256QAM	1	25	18.54	18.61	18.56		
10	256QAM	1	49	18.62	18.67	18.69		
10	256QAM	25	0	18.49	18.53	18.44	19.2	5
10	256QAM	25	12	18.49	18.49	18.57		
10	256QAM	25	25	18.54	18.56	18.52		
10	256QAM	50	0	18.56	18.59	18.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.5	23.55	23.51	24.2	0
5	QPSK	1	12	23.61	23.61	23.58		
5	QPSK	1	24	23.57	23.58	23.61		
5	QPSK	12	0	22.48	22.55	22.5	23.2	1
5	QPSK	12	7	22.67	22.75	22.67		
5	QPSK	12	13	22.67	22.76	22.67		
5	QPSK	25	0	22.63	22.61	22.56		
5	16QAM	1	0	22.57	22.63	22.62	23.2	1
5	16QAM	1	12	22.8	22.85	22.76		
5	16QAM	1	24	22.65	22.79	22.61		
5	16QAM	12	0	21.52	21.58	21.56	22.2	2
5	16QAM	12	7	21.71	21.8	21.73		
5	16QAM	12	13	21.71	21.84	21.73		
5	16QAM	25	0	21.63	21.64	21.57		
5	64QAM	1	0	21.66	21.73	21.72	22.2	2
5	64QAM	1	12	21.86	21.88	21.83		
5	64QAM	1	24	21.86	21.9	21.79		
5	64QAM	12	0	20.51	20.57	20.52	21.2	3
5	64QAM	12	7	20.65	20.78	20.73		
5	64QAM	12	13	20.71	20.82	20.69		
5	64QAM	25	0	20.63	20.65	20.58		
5	256QAM	1	0	18.70	18.66	18.60	19.2	5
5	256QAM	1	12	18.59	18.55	18.57		
5	256QAM	1	24	18.71	18.67	18.70		
5	256QAM	12	0	18.48	18.51	18.41	19.2	5
5	256QAM	12	7	18.51	18.51	18.53		
5	256QAM	12	13	18.53	18.55	18.52		
5	256QAM	25	0	18.54	18.58	18.51		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.1	23.17	23.08	24.2	0
20	QPSK	1	49	22.9	22.93	22.94		
20	QPSK	1	99	22.99	22.98	22.95		
20	QPSK	50	0	22.16	22.33	22.19	23.2	1
20	QPSK	50	24	22.28	22.17	22.32		
20	QPSK	50	50	22.21	22.3	22.31		
20	QPSK	100	0	22.25	22.26	22.15		
20	16QAM	1	0	22.32	22.45	22.32	23.2	1
20	16QAM	1	49	22.18	22.24	22.14		
20	16QAM	1	99	22.2	22.22	22.34		
20	16QAM	50	0	21.12	21.18	21.19	22.2	2
20	16QAM	50	24	21.27	21.23	21.35		
20	16QAM	50	50	21.27	21.3	21.33		
20	16QAM	100	0	21.28	21.21	21.29		
20	64QAM	1	0	21.37	21.28	21.33	22.2	2
20	64QAM	1	49	21.25	21.26	21.35		
20	64QAM	1	99	21.24	21.28	21.41		
20	64QAM	50	0	20.23	20.17	20.16	21.2	3
20	64QAM	50	24	20.24	20.13	20.35		
20	64QAM	50	50	20.18	20.23	20.29		
20	64QAM	100	0	20.25	20.15	20.32		
20	256QAM	1	0	17.90	17.88	17.81	19.2	5
20	256QAM	1	49	17.90	17.90	17.99		
20	256QAM	1	99	17.97	17.93	17.95		
20	256QAM	50	0	18.14	18.20	18.24	19.2	5
20	256QAM	50	24	18.30	18.20	18.31		
20	256QAM	50	50	18.29	18.37	18.34		
20	256QAM	100	0	18.24	18.17	18.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.04	22.97	23.06	24.2	0
15	QPSK	1	37	22.74	22.77	22.83		
15	QPSK	1	74	22.84	22.87	22.82		
15	QPSK	36	0	22.03	22.06	22.05	23.2	1
15	QPSK	36	20	22.13	22.14	22.21		
15	QPSK	36	39	22.05	22.19	22.27		
15	QPSK	75	0	22.1	21.99	22.17		
15	16QAM	1	0	22.19	22.36	22.18	23.2	1
15	16QAM	1	37	22.04	22.12	22.02		
15	16QAM	1	74	22.1	22.09	22.29		
15	16QAM	36	0	21.07	21.09	21.1	22.2	2
15	16QAM	36	20	21.15	21.07	21.19		
15	16QAM	36	39	21.18	21.18	21.21		
15	16QAM	75	0	21.15	21.15	21.18		
15	64QAM	1	0	21.26	21.23	21.17	22.2	2
15	64QAM	1	37	21.13	21.21	21.27		
15	64QAM	1	74	21.12	21.23	21.26		
15	64QAM	36	0	20.16	20.03	20.01	21.2	3
15	64QAM	36	20	20.1	20	20.26		
15	64QAM	36	39	20.08	20.13	20.2		
15	64QAM	75	0	20.17	20.02	20.22		
15	256QAM	1	0	17.83	17.76	17.74	19.2	5
15	256QAM	1	37	17.77	17.80	17.91		
15	256QAM	1	74	17.91	17.88	17.88		
15	256QAM	36	0	18.03	18.09	18.12	19.2	5
15	256QAM	36	20	18.23	18.12	18.16		
15	256QAM	36	39	18.23	18.32	18.22		
15	256QAM	75	0	18.14	18.02	18.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.96	23.03	23.11	24.2	0
10	QPSK	1	25	22.74	22.79	22.85		
10	QPSK	1	49	22.92	22.88	22.84		
10	QPSK	25	0	22.1	22.02	22.04	23.2	1
10	QPSK	25	12	22.12	22.03	22.25		
10	QPSK	25	25	22.12	22.23	22.22		
10	QPSK	50	0	22.09	22.07	22.19		
10	16QAM	1	0	22.24	22.32	22.17	23.2	1
10	16QAM	1	25	22.02	22.15	22.06		
10	16QAM	1	49	22.14	22.07	22.29		
10	16QAM	25	0	20.98	21.03	21.05	22.2	2
10	16QAM	25	12	21.19	21.13	21.23		
10	16QAM	25	25	21.22	21.24	21.19		
10	16QAM	50	0	21.22	21.08	21.19		
10	64QAM	1	0	21.32	21.12	21.2	22.2	2
10	64QAM	1	25	21.13	21.19	21.2		
10	64QAM	1	49	21.08	21.23	21.32		
10	64QAM	25	0	20.18	20.07	20.11	21.2	3
10	64QAM	25	12	20.11	20.03	20.29		
10	64QAM	25	25	20.02	20.11	20.2		
10	64QAM	50	0	20.1	20.08	20.16		
10	256QAM	1	0	17.79	17.80	17.66	19.2	5
10	256QAM	1	25	17.82	17.78	17.90		
10	256QAM	1	49	17.86	17.88	17.88		
10	256QAM	25	0	18.00	18.15	18.10	19.2	5
10	256QAM	25	12	18.25	18.11	18.16		
10	256QAM	25	25	18.15	18.26	18.20		
10	256QAM	50	0	18.17	18.12	18.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.01	23.01	23.11	24.2	0
5	QPSK	1	12	22.84	22.77	22.85		
5	QPSK	1	24	22.91	22.86	22.82		
5	QPSK	12	0	22.01	22.08	22.06	23.2	1
5	QPSK	12	7	22.18	22.14	22.22		
5	QPSK	12	13	22.11	22.21	22.22		
5	QPSK	25	0	22.19	21.99	22.15		
5	16QAM	1	0	22.2	22.39	22.23	23.2	1
5	16QAM	1	12	22.03	22.17	22.08		
5	16QAM	1	24	22.12	22.15	22.19		
5	16QAM	12	0	20.96	21.05	21.11	22.2	2
5	16QAM	12	7	21.22	21.09	21.28		
5	16QAM	12	13	21.14	21.14	21.17		
5	16QAM	25	0	21.21	21.05	21.13		
5	64QAM	1	0	21.27	21.2	21.19	22.2	2
5	64QAM	1	12	21.14	21.15	21.3		
5	64QAM	1	24	21.12	21.15	21.3		
5	64QAM	12	0	20.08	20.07	20.08	21.2	3
5	64QAM	12	7	20.16	20.06	20.21		
5	64QAM	12	13	20.08	20.18	20.17		
5	64QAM	25	0	20.15	20.07	20.24		
5	256QAM	1	0	17.76	17.81	17.68	19.2	5
5	256QAM	1	12	17.80	17.83	17.89		
5	256QAM	1	24	17.86	17.83	17.86		
5	256QAM	12	0	17.99	18.13	18.16	19.2	5
5	256QAM	12	7	18.21	18.08	18.22		
5	256QAM	12	13	18.13	18.28	18.23		
5	256QAM	25	0	18.19	18.10	18.16		

Band 7_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.74	20.88	20.77	22.2	0
20	QPSK	1	49	20.59	20.67	20.59		
20	QPSK	1	99	20.63	20.78	20.64		
20	QPSK	50	0	20.68	20.83	20.66	22.2	0
20	QPSK	50	24	20.68	20.75	20.72		
20	QPSK	50	50	20.74	20.81	20.74		
20	QPSK	100	0	20.68	20.74	20.61		
20	16QAM	1	0	20.68	20.74	20.63	22.2	0
20	16QAM	1	49	20.52	20.59	20.52		
20	16QAM	1	99	20.71	20.87	20.73		
20	16QAM	50	0	20.11	20.25	20.19	21.7	0.5
20	16QAM	50	24	20.18	20.23	20.12		
20	16QAM	50	50	20.3	20.37	20.28		
20	16QAM	100	0	20.18	20.26	20.14		
20	64QAM	1	0	20.33	20.4	20.32	21.7	0.5
20	64QAM	1	49	20.21	20.37	20.24		
20	64QAM	1	99	20.29	20.42	20.34		
20	64QAM	50	0	19.15	19.27	19.18	20.7	1.5
20	64QAM	50	24	19.05	19.21	19.14		
20	64QAM	50	50	19.23	19.33	19.17		
20	64QAM	100	0	19.16	19.31	19.25		
20	256QAM	1	0	16.78	16.90	16.80	18.7	3.5
20	256QAM	1	49	16.81	16.92	16.80		
20	256QAM	1	99	16.89	16.96	16.91		
20	256QAM	50	0	17.17	17.28	17.19	18.7	3.5
20	256QAM	50	24	17.16	17.32	17.24		
20	256QAM	50	50	17.25	17.38	17.29		
20	256QAM	100	0	17.13	17.25	17.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.69	20.7	20.63	22.2	0
15	QPSK	1	37	20.45	20.55	20.44		
15	QPSK	1	74	20.55	20.7	20.48		
15	QPSK	36	0	20.62	20.69	20.52	22.2	0
15	QPSK	36	20	20.58	20.68	20.64		
15	QPSK	36	39	20.67	20.68	20.66		
15	QPSK	75	0	20.55	20.64	20.52		
15	16QAM	1	0	20.59	20.66	20.54	22.2	0
15	16QAM	1	37	20.37	20.44	20.44		
15	16QAM	1	74	20.56	20.82	20.66		
15	16QAM	36	0	19.98	20.12	20.08	21.7	0.5
15	16QAM	36	20	20.12	20.09	20.05		
15	16QAM	36	39	20.16	20.27	20.2		
15	16QAM	75	0	20.02	20.21	19.98		
15	64QAM	1	0	20.17	20.32	20.24	21.7	0.5
15	64QAM	1	37	20.08	20.26	20.15		
15	64QAM	1	74	20.23	20.27	20.27		
15	64QAM	36	0	19.02	19.17	19.02	20.7	1.5
15	64QAM	36	20	18.92	19.14	19.01		
15	64QAM	36	39	19.17	19.24	19.09		
15	64QAM	75	0	19.11	19.23	19.09		
15	256QAM	1	0	16.65	16.77	16.69	18.7	3.5
15	256QAM	1	37	16.72	16.84	16.70		
15	256QAM	1	74	16.83	16.86	16.76		
15	256QAM	36	0	17.04	17.21	17.13	18.7	3.5
15	256QAM	36	20	17.01	17.19	17.14		
15	256QAM	36	39	17.18	17.26	17.18		
15	256QAM	75	0	17.02	17.13	16.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.6	20.78	20.72	22.2	0
10	QPSK	1	25	20.48	20.56	20.54		
10	QPSK	1	49	20.49	20.63	20.5		
10	QPSK	25	0	20.63	20.63	20.58	22.2	0
10	QPSK	25	12	20.61	20.69	20.58		
10	QPSK	25	25	20.67	20.74	20.67		
10	QPSK	50	0	20.52	20.65	20.54		
10	16QAM	1	0	20.59	20.62	20.55	22.2	0
10	16QAM	1	25	20.38	20.53	20.42		
10	16QAM	1	49	20.57	20.71	20.57		
10	16QAM	25	0	20.01	20.14	20.07	21.7	0.5
10	16QAM	25	12	20.02	20.1	20.01		
10	16QAM	25	25	20.15	20.23	20.16		
10	16QAM	50	0	20.13	20.18	20.01		
10	64QAM	1	0	20.21	20.24	20.24	21.7	0.5
10	64QAM	1	25	20.15	20.25	20.09		
10	64QAM	1	49	20.14	20.28	20.18		
10	64QAM	25	0	19.1	19.12	19.06	20.7	1.5
10	64QAM	25	12	18.95	19.16	18.98		
10	64QAM	25	25	19.16	19.23	19.03		
10	64QAM	50	0	19.06	19.16	19.19		
10	256QAM	1	0	16.66	16.75	16.70	18.7	3.5
10	256QAM	1	25	16.76	16.78	16.67		
10	256QAM	1	49	16.81	16.81	16.78		
10	256QAM	25	0	17.09	17.22	17.10	18.7	3.5
10	256QAM	25	12	17.11	17.23	17.12		
10	256QAM	25	25	17.16	17.24	17.14		
10	256QAM	50	0	17.04	17.20	17.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.62	20.81	20.61	22.2	0
5	QPSK	1	12	20.51	20.6	20.54		
5	QPSK	1	24	20.47	20.68	20.57		
5	QPSK	12	0	20.56	20.68	20.58	22.2	0
5	QPSK	12	7	20.62	20.67	20.59		
5	QPSK	12	13	20.59	20.69	20.58		
5	QPSK	25	0	20.56	20.62	20.48		
5	16QAM	1	0	20.59	20.65	20.58	22.2	0
5	16QAM	1	12	20.43	20.46	20.42		
5	16QAM	1	24	20.65	20.81	20.59		
5	16QAM	12	0	20.06	20.12	20.04	21.7	0.5
5	16QAM	12	7	20.09	20.11	20.07		
5	16QAM	12	13	20.16	20.22	20.21		
5	16QAM	25	0	20.08	20.11	20		
5	64QAM	1	0	20.26	20.24	20.23	21.7	0.5
5	64QAM	1	12	20.05	20.28	20.1		
5	64QAM	1	24	20.14	20.27	20.21		
5	64QAM	12	0	19.08	19.22	19.06	20.7	1.5
5	64QAM	12	7	18.91	19.14	19.04		
5	64QAM	12	13	19.17	19.19	19.1		
5	64QAM	25	0	19.08	19.18	19.11		
5	256QAM	1	0	16.73	16.75	16.65	18.7	3.5
5	256QAM	1	12	16.72	16.87	16.64		
5	256QAM	1	24	16.79	16.83	16.86		
5	256QAM	12	0	17.10	17.18	17.11	18.7	3.5
5	256QAM	12	7	17.06	17.20	17.09		
5	256QAM	12	13	17.18	17.27	17.22		
5	256QAM	25	0	17.08	17.20	17.01		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.58	23.65	23.59	25	0
10	QPSK	1	25	23.55	23.6	23.54		
10	QPSK	1	49	23.52	23.53	23.5		
10	QPSK	25	0	22.54	22.63	22.54	24	1
10	QPSK	25	12	22.53	22.55	22.47		
10	QPSK	25	25	22.5	22.51	22.44		
10	QPSK	50	0	22.48	22.53	22.46		
10	16QAM	1	0	22.93	22.96	22.88	24	1
10	16QAM	1	25	22.88	22.94	23.01		
10	16QAM	1	49	22.95	23.03	22.87		
10	16QAM	25	0	21.54	21.55	21.57	23	2
10	16QAM	25	12	21.64	21.57	21.58		
10	16QAM	25	25	21.62	21.64	21.66		
10	16QAM	50	0	21.6	21.56	21.54		
10	64QAM	1	0	21.66	21.72	21.78	23	2
10	64QAM	1	25	21.72	21.79	21.88		
10	64QAM	1	49	21.79	21.79	21.73		
10	64QAM	25	0	20.53	20.54	20.55	22	3
10	64QAM	25	12	20.61	20.57	20.57		
10	64QAM	25	25	20.58	20.61	20.6		
10	64QAM	50	0	20.61	20.52	20.54		
10	256QAM	1	0	18.91	18.97	18.99	20	5
10	256QAM	1	25	18.94	19.08	18.99		
10	256QAM	1	49	19.07	19.13	19.02		
10	256QAM	25	0	18.90	18.92	18.89	20	5
10	256QAM	25	12	18.88	18.94	18.84		
10	256QAM	25	25	18.92	18.96	18.91		
10	256QAM	50	0	18.89	18.93	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.43	23.49	23.54	25	0
5	QPSK	1	12	23.53	23.6	23.6		
5	QPSK	1	24	23.5	23.53	23.58		
5	QPSK	12	0	22.49	22.52	22.55	24	1
5	QPSK	12	7	22.58	22.54	22.57		
5	QPSK	12	13	22.55	22.58	22.6		
5	QPSK	25	0	22.56	22.49	22.54		
5	16QAM	1	0	22.81	22.91	22.88	24	1
5	16QAM	1	12	22.96	22.96	23.1		
5	16QAM	1	24	22.9	22.93	22.92		
5	16QAM	12	0	21.51	21.59	21.6	23	2
5	16QAM	12	7	21.67	21.58	21.59		
5	16QAM	12	13	21.55	21.65	21.63		
5	16QAM	25	0	21.57	21.53	21.53		
5	64QAM	1	0	21.67	21.75	21.82	23	2
5	64QAM	1	12	21.83	21.79	21.84		
5	64QAM	1	24	21.72	21.72	21.77		
5	64QAM	12	0	20.54	20.54	20.55	22	3
5	64QAM	12	7	20.59	20.58	20.58		
5	64QAM	12	13	20.6	20.59	20.63		
5	64QAM	25	0	20.57	20.52	20.57		
5	256QAM	1	0	18.99	18.96	18.98	20	5
5	256QAM	1	12	18.98	19.06	19.10		
5	256QAM	1	24	19.04	19.13	19.14		
5	256QAM	12	0	18.82	18.89	18.80	20	5
5	256QAM	12	7	18.81	18.88	18.85		
5	256QAM	12	13	18.93	18.93	18.99		
5	256QAM	25	0	18.83	18.89	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.48	23.46	23.49	25	0
3	QPSK	1	8	23.49	23.54	23.55		
3	QPSK	1	14	23.4	23.46	23.45		
3	QPSK	8	0	22.58	22.53	22.55	24	1
3	QPSK	8	4	22.56	22.6	22.61		
3	QPSK	8	7	22.54	22.55	22.6		
3	QPSK	15	0	22.53	22.47	22.51		
3	16QAM	1	0	22.84	22.95	22.95	24	1
3	16QAM	1	8	23	22.93	22.94		
3	16QAM	1	14	22.78	22.88	22.8		
3	16QAM	8	0	21.65	21.64	21.62	23	2
3	16QAM	8	4	21.65	21.71	21.71		
3	16QAM	8	7	21.61	21.67	21.68		
3	16QAM	15	0	21.58	21.54	21.57		
3	64QAM	1	0	21.75	21.82	21.79	23	2
3	64QAM	1	8	21.75	21.76	21.85		
3	64QAM	1	14	21.75	21.74	21.73		
3	64QAM	8	0	20.64	20.58	20.62	22	3
3	64QAM	8	4	20.63	20.67	20.64		
3	64QAM	8	7	20.55	20.58	20.63		
3	64QAM	15	0	20.57	20.49	20.58		
3	256QAM	1	0	19.06	18.96	18.94	20	5
3	256QAM	1	8	18.89	19.02	19.09		
3	256QAM	1	14	18.95	19.12	19.22		
3	256QAM	8	0	18.92	18.95	18.71	20	5
3	256QAM	8	4	18.81	18.86	18.76		
3	256QAM	8	7	18.86	18.93	18.99		
3	256QAM	15	0	18.88	18.90	18.95		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.52	23.51	23.56	25	0
1.4	QPSK	1	3	23.5	23.56	23.56		
1.4	QPSK	1	5	23.46	23.49	23.49		
1.4	QPSK	3	0	23.53	23.52	23.58		
1.4	QPSK	3	1	23.52	23.54	23.59		
1.4	QPSK	3	3	23.56	23.53	23.57		
1.4	QPSK	6	0	22.52	22.56	22.56	24	1
1.4	16QAM	1	0	22.87	22.97	22.93	24	1
1.4	16QAM	1	3	22.94	22.96	22.97		
1.4	16QAM	1	5	22.87	22.94	22.87		
1.4	16QAM	3	0	22.71	22.74	22.76		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.67	22.73	22.75		
1.4	16QAM	6	0	21.62	21.61	21.64	23	2
1.4	64QAM	1	0	21.77	21.78	21.91	23	2
1.4	64QAM	1	3	21.78	21.81	21.73		
1.4	64QAM	1	5	21.66	21.69	21.77		
1.4	64QAM	3	0	21.72	21.67	21.75		
1.4	64QAM	3	1	21.63	21.72	21.68		
1.4	64QAM	3	3	21.6	21.67	21.67		
1.4	64QAM	6	0	20.58	20.58	20.62	22	3
1.4	256QAM	1	0	19.08	18.89	18.96	20	5
1.4	256QAM	1	3	19.07	18.99	19.12		
1.4	256QAM	1	5	19.01	19.12	19.24		
1.4	256QAM	3	0	18.73	18.98	18.74		
1.4	256QAM	3	1	18.72	18.97	18.90		
1.4	256QAM	3	3	19.02	18.84	19.03		
1.4	256QAM	6	0	18.81	18.99	18.81	20	5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.55		25	0
10	QPSK	1	25		23.41			
10	QPSK	1	49		23.38			
10	QPSK	25	0		22.49		24	1
10	QPSK	25	12		22.47			
10	QPSK	25	25		22.45			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.83			
10	16QAM	1	49		22.88			
10	16QAM	25	0		21.46		23	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.51			
10	16QAM	50	0		21.44			
10	64QAM	1	0		21.67		23	2
10	64QAM	1	25		21.77			
10	64QAM	1	49		21.62			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.47			
10	64QAM	25	25		20.48			
10	64QAM	50	0		20.46			
10	256QAM	1	0		18.88		20	5
10	256QAM	1	25		19.03			
10	256QAM	1	49		19.02			
10	256QAM	25	0		18.84		20	5
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.86			
10	256QAM	50	0		18.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.41	23.4	23.42	25	0
5	QPSK	1	12	23.49	23.5	23.5		
5	QPSK	1	24	23.41	23.43	23.42		
5	QPSK	12	0	22.41	22.38	22.38	24	1
5	QPSK	12	7	22.51	22.51	22.52		
5	QPSK	12	13	22.46	22.46	22.46		
5	QPSK	25	0	22.5	22.39	22.39		
5	16QAM	1	0	22.81	22.75	22.78	24	1
5	16QAM	1	12	22.98	22.9	22.99		
5	16QAM	1	24	22.78	22.72	22.74		
5	16QAM	12	0	21.43	21.44	21.43	23	2
5	16QAM	12	7	21.59	21.56	21.58		
5	16QAM	12	13	21.53	21.54	21.57		
5	16QAM	25	0	21.52	21.42	21.43		
5	64QAM	1	0	21.63	21.65	21.75	23	2
5	64QAM	1	12	21.82	21.7	21.74		
5	64QAM	1	24	21.66	21.72	21.68		
5	64QAM	12	0	20.43	20.43	20.42	22	3
5	64QAM	12	7	20.54	20.54	20.56		
5	64QAM	12	13	20.54	20.51	20.53		
5	64QAM	25	0	20.49	20.4	20.42		
5	256QAM	1	0	18.76	18.86	18.86	20	5
5	256QAM	1	12	19.05	19.04	19.03		
5	256QAM	1	24	18.97	19.01	18.97		
5	256QAM	12	0	18.80	18.82	18.76	20	5
5	256QAM	12	7	18.75	18.79	18.86		
5	256QAM	12	13	18.74	18.85	18.79		
5	256QAM	25	0	18.80	18.78	18.82		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.39	23.43	23.37	25	0
10	QPSK	1	25	23.36	23.39	23.33		
10	QPSK	1	49	23.29	23.3	23.3		
10	QPSK	25	0	22.43	22.53	22.4	24	1
10	QPSK	25	12	22.4	22.47	22.38		
10	QPSK	25	25	22.36	22.42	22.35		
10	QPSK	50	0	22.37	22.38	22.37		
10	16QAM	1	0	22.73	22.74	22.77	24	1
10	16QAM	1	25	22.76	22.73	22.7		
10	16QAM	1	49	22.71	22.77	22.8		
10	16QAM	25	0	21.4	21.42	21.42	23	2
10	16QAM	25	12	21.51	21.45	21.45		
10	16QAM	25	25	21.46	21.45	21.42		
10	16QAM	50	0	21.39	21.39	21.38		
10	64QAM	1	0	21.48	21.48	21.42	23	2
10	64QAM	1	25	21.6	21.56	21.67		
10	64QAM	1	49	21.61	21.61	21.45		
10	64QAM	25	0	20.43	20.39	20.41	22	3
10	64QAM	25	12	20.52	20.44	20.43		
10	64QAM	25	25	20.45	20.43	20.42		
10	64QAM	50	0	20.37	20.4	20.38		
10	256QAM	1	0	18.67	18.76	18.68	20	5
10	256QAM	1	25	18.82	18.86	18.78		
10	256QAM	1	49	18.69	18.82	18.72		
10	256QAM	25	0	18.70	18.76	18.75	20	5
10	256QAM	25	12	18.82	18.83	18.76		
10	256QAM	25	25	18.82	18.81	18.81		
10	256QAM	50	0	18.71	18.75	18.73		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.37	23.41	23.33	25	0
5	QPSK	1	12	23.34	23.4	23.31		
5	QPSK	1	24	23.28	23.32	23.28		
5	QPSK	12	0	22.42	22.44	22.43	24	1
5	QPSK	12	7	22.42	22.38	22.44		
5	QPSK	12	13	22.38	22.41	22.37		
5	QPSK	25	0	22.41	22.39	22.36		
5	16QAM	1	0	22.75	22.78	22.76	24	1
5	16QAM	1	12	22.82	22.84	22.84		
5	16QAM	1	24	22.64	22.73	22.63		
5	16QAM	12	0	21.46	21.49	21.52	23	2
5	16QAM	12	7	21.51	21.45	21.51		
5	16QAM	12	13	21.41	21.46	21.43		
5	16QAM	25	0	21.44	21.41	21.38		
5	64QAM	1	0	21.58	21.76	21.73	23	2
5	64QAM	1	12	21.63	21.59	21.52		
5	64QAM	1	24	21.56	21.52	21.45		
5	64QAM	12	0	20.45	20.48	20.48	22	3
5	64QAM	12	7	20.49	20.43	20.49		
5	64QAM	12	13	20.39	20.4	20.4		
5	64QAM	25	0	20.46	20.38	20.38		
5	256QAM	1	0	18.64	18.72	18.76	20	5
5	256QAM	1	12	18.85	18.85	18.88		
5	256QAM	1	24	18.72	18.78	18.74		
5	256QAM	12	0	18.68	18.78	18.71	20	5
5	256QAM	12	7	18.78	18.79	18.74		
5	256QAM	12	13	18.75	18.74	18.70		
5	256QAM	25	0	18.70	18.72	18.73		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.13	24.15	24.09	25	0
20	QPSK	1	49	23.95	23.95	23.95		
20	QPSK	1	99	23.78	23.81	23.86		
20	QPSK	50	0	22.99	23.04	22.97	24	1
20	QPSK	50	24	22.95	23.02	22.95		
20	QPSK	50	50	22.98	22.95	22.97		
20	QPSK	100	0	23.01	23.02	22.95		
20	16QAM	1	0	23.35	23.24	23.2	24	1
20	16QAM	1	49	23.18	23.38	23.41		
20	16QAM	1	99	23.17	23.07	23.21		
20	16QAM	50	0	21.99	21.99	21.96	23	2
20	16QAM	50	24	22.07	22.02	21.97		
20	16QAM	50	50	21.97	21.97	21.96		
20	16QAM	100	0	22.02	22.02	21.95		
20	64QAM	1	0	22.18	22.21	22.06	23	2
20	64QAM	1	49	22.21	22.39	22.15		
20	64QAM	1	99	22.05	21.96	21.96		
20	64QAM	50	0	20.98	20.94	20.98	22	3
20	64QAM	50	24	21.05	21	20.94		
20	64QAM	50	50	20.99	20.96	20.96		
20	64QAM	100	0	21.03	20.99	20.96		
20	256QAM	1	0	19.05	19.16	19.10	20	5
20	256QAM	1	49	19.14	19.25	19.16		
20	256QAM	1	99	19.30	19.29	19.29		
20	256QAM	50	0	18.93	19.04	19.07	20	5
20	256QAM	50	24	19.06	19.19	19.10		
20	256QAM	50	50	19.12	19.17	19.12		
20	256QAM	100	0	19.15	19.14	19.14		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24	23.87	23.87	25	0
15	QPSK	1	37	23.94	23.94	23.89		
15	QPSK	1	74	23.79	23.81	23.8		
15	QPSK	36	0	22.95	23.02	22.93	24	1
15	QPSK	36	20	23.04	23.03	22.93		
15	QPSK	36	39	22.98	22.96	22.99		
15	QPSK	75	0	23	22.97	22.93		
15	16QAM	1	0	23.37	23.17	23.26	24	1
15	16QAM	1	37	23.26	23.23	23.25		
15	16QAM	1	74	23.07	23.05	23.15		
15	16QAM	36	0	21.99	22.02	21.94	23	2
15	16QAM	36	20	22.05	22.02	21.94		
15	16QAM	36	39	22	21.98	21.98		
15	16QAM	75	0	22.03	22	21.92		
15	64QAM	1	0	22.22	22.15	22.18	23	2
15	64QAM	1	37	22.03	22.13	22.13		
15	64QAM	1	74	22.04	22.07	22.09		
15	64QAM	36	0	20.97	21.02	20.96	22	3
15	64QAM	36	20	21.03	20.99	20.93		
15	64QAM	36	39	21	20.98	20.96		
15	64QAM	75	0	21.01	20.98	20.91		
15	256QAM	1	0	19.09	19.19	19.12	20	5
15	256QAM	1	37	19.17	19.22	19.14		
15	256QAM	1	74	19.31	19.29	19.25		
15	256QAM	36	0	18.93	19.01	19.04	20	5
15	256QAM	36	20	19.12	19.19	19.11		
15	256QAM	36	39	19.15	19.19	19.17		
15	256QAM	75	0	19.14	19.08	19.07		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.07	24	23.98	25	0
10	QPSK	1	25	24.01	24.04	23.98		
10	QPSK	1	49	23.92	23.92	23.94		
10	QPSK	25	0	23.12	23.1	23.07	24	1
10	QPSK	25	12	23.12	23.09	23.14		
10	QPSK	25	25	23.07	23.05	23.11		
10	QPSK	50	0	23.09	23.12	23.15		
10	16QAM	1	0	23.41	23.39	23.42	24	1
10	16QAM	1	25	23.42	23.33	23.43		
10	16QAM	1	49	23.33	23.36	23.34		
10	16QAM	25	0	22.19	22.19	22.09	23	2
10	16QAM	25	12	22.16	22.2	22.18		
10	16QAM	25	25	22.11	22.09	22.14		
10	16QAM	50	0	22.14	22.08	22.14		
10	64QAM	1	0	22.29	22.28	22.23	23	2
10	64QAM	1	25	22.28	22.27	22.31		
10	64QAM	1	49	22.11	22.19	22.2		
10	64QAM	25	0	21.15	21.14	21.07	22	3
10	64QAM	25	12	21.17	21.2	21.16		
10	64QAM	25	25	21.09	21.05	21.14		
10	64QAM	50	0	21.11	21.14	21.14		
10	256QAM	1	0	19.13	19.14	19.18	20	5
10	256QAM	1	25	19.14	19.23	19.19		
10	256QAM	1	49	19.34	19.27	19.28		
10	256QAM	25	0	18.96	19.03	19.05	20	5
10	256QAM	25	12	19.16	19.22	19.08		
10	256QAM	25	25	19.13	19.20	19.11		
10	256QAM	50	0	19.14	19.16	19.08		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.08	24.06	23.96	25	0
5	QPSK	1	12	24.07	24.07	24.02		
5	QPSK	1	24	24.06	24.07	23.96		
5	QPSK	12	0	23.11	23.14	23.03	24	1
5	QPSK	12	7	23.11	23.15	23.12		
5	QPSK	12	13	23.06	23.12	23.1		
5	QPSK	25	0	23.09	23.1	23.09		
5	16QAM	1	0	23.49	23.35	23.38	24	1
5	16QAM	1	12	23.56	23.47	23.43		
5	16QAM	1	24	23.39	23.4	23.24		
5	16QAM	12	0	22.14	22.2	22.07	23	2
5	16QAM	12	7	22.15	22.21	22.13		
5	16QAM	12	13	22.15	22.18	22.17		
5	16QAM	25	0	22.1	22.16	22.12		
5	64QAM	1	0	22.39	22.31	22.15	23	2
5	64QAM	1	12	22.32	22.27	22.28		
5	64QAM	1	24	22.28	22.2	22.28		
5	64QAM	12	0	21.16	21.11	21.09	22	3
5	64QAM	12	7	21.13	21.1	21.13		
5	64QAM	12	13	21.11	21.18	21.15		
5	64QAM	25	0	21.09	21.17	21.14		
5	256QAM	1	0	19.07	19.14	19.18	20	5
5	256QAM	1	12	19.13	19.26	19.14		
5	256QAM	1	24	19.28	19.23	19.31		
5	256QAM	12	0	19.01	18.98	19.06	20	5
5	256QAM	12	7	19.14	19.19	19.07		
5	256QAM	12	13	19.20	19.20	19.08		
5	256QAM	25	0	19.10	19.17	19.13		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24	24	23.95	25	0
3	QPSK	1	8	24.04	24.04	24.01		
3	QPSK	1	14	23.96	23.99	23.96		
3	QPSK	8	0	23.08	23.11	23.04	24	1
3	QPSK	8	4	23.1	23.12	23.12		
3	QPSK	8	7	23.08	23.09	23.1		
3	QPSK	15	0	23.05	23.06	23		
3	16QAM	1	0	23.4	23.33	23.36	24	1
3	16QAM	1	8	23.44	23.45	23.45		
3	16QAM	1	14	23.32	23.32	23.37		
3	16QAM	8	0	22.17	22.19	22.1	23	2
3	16QAM	8	4	22.16	22.18	22.18		
3	16QAM	8	7	22.16	22.18	22.17		
3	16QAM	15	0	22.08	22.11	22.04		
3	64QAM	1	0	22.26	22.28	22.25	23	2
3	64QAM	1	8	22.27	22.31	22.3		
3	64QAM	1	14	22.24	22.24	22.13		
3	64QAM	8	0	21.09	21.16	21.06	22	3
3	64QAM	8	4	21.14	21.18	21.2		
3	64QAM	8	7	21.1	21.13	21.13		
3	64QAM	15	0	21.11	21.13	21.02		
3	256QAM	1	0	19.07	19.18	19.14	20	5
3	256QAM	1	8	19.14	19.23	19.20		
3	256QAM	1	14	19.26	19.27	19.29		
3	256QAM	8	0	18.99	18.98	19.00	20	5
3	256QAM	8	4	19.07	19.20	19.13		
3	256QAM	8	7	19.19	19.10	19.10		
3	256QAM	15	0	19.07	19.07	19.11		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.99	23.98	23.99	25	0
1.4	QPSK	1	3	24.05	24.02	23.99		
1.4	QPSK	1	5	23.99	23.96	23.98		
1.4	QPSK	3	0	24.04	24	24.03		
1.4	QPSK	3	1	24.07	24.04	24.01		
1.4	QPSK	3	3	24.04	24	24.01		
1.4	QPSK	6	0	23.03	23.07	23.04	24	1
1.4	16QAM	1	0	23.39	23.37	23.35	24	1
1.4	16QAM	1	3	23.5	23.42	23.46		
1.4	16QAM	1	5	23.41	23.36	23.37		
1.4	16QAM	3	0	23.25	23.22	23.18		
1.4	16QAM	3	1	23.16	23.21	23.17		
1.4	16QAM	3	3	23.23	23.17	23.19		
1.4	16QAM	6	0	22.13	22.12	22.17	23	2
1.4	64QAM	1	0	22.2	22.19	22.2	23	2
1.4	64QAM	1	3	22.24	22.28	22.16		
1.4	64QAM	1	5	22.19	22.19	22.15		
1.4	64QAM	3	0	22.15	22.16	22.16		
1.4	64QAM	3	1	22.21	22.23	22.16		
1.4	64QAM	3	3	22.18	22.13	22.12		
1.4	64QAM	6	0	21.06	21.12	21.07	22	3
1.4	256QAM	1	0	19.05	19.16	19.18	20	5
1.4	256QAM	1	3	19.16	19.25	19.14		
1.4	256QAM	1	5	19.24	19.28	19.28		
1.4	256QAM	3	0	18.95	19.06	19.09		
1.4	256QAM	3	1	19.07	19.16	19.11		
1.4	256QAM	3	3	19.17	19.12	19.17		
1.4	256QAM	6	0	19.06	19.08	19.07	20	5

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.47	23.54	23.48	25	0
15	QPSK	1	37	23.37	23.49	23.35		
15	QPSK	1	74	23.38	23.29	23.25		
15	QPSK	36	0	22.45	22.48	22.39	24	1
15	QPSK	36	20	22.43	22.44	22.42		
15	QPSK	36	39	22.41	22.37	22.38		
15	QPSK	75	0	22.43	22.49	22.45		
15	16QAM	1	0	22.56	22.52	22.61	24	1
15	16QAM	1	37	22.66	22.64	22.75		
15	16QAM	1	74	22.61	22.66	22.6		
15	16QAM	36	0	21.39	21.43	21.42	23	2
15	16QAM	36	20	21.44	21.41	21.47		
15	16QAM	36	39	21.43	21.48	21.46		
15	16QAM	75	0	21.47	21.43	21.52		
15	64QAM	1	0	21.43	21.52	21.52	23	2
15	64QAM	1	37	21.63	21.71	21.56		
15	64QAM	1	74	21.48	21.57	21.49		
15	64QAM	36	0	20.41	20.42	20.42	22	3
15	64QAM	36	20	20.43	20.4	20.47		
15	64QAM	36	39	20.45	20.47	20.47		
15	64QAM	75	0	20.46	20.42	20.49		
15	256QAM	1	0	18.81	18.82	18.78	20	5
15	256QAM	1	37	18.92	18.96	18.90		
15	256QAM	1	74	19.02	19.01	19.01		
15	256QAM	36	0	18.68	18.78	18.68	20	5
15	256QAM	36	20	18.73	18.77	18.77		
15	256QAM	36	39	18.83	18.82	18.83		
15	256QAM	75	0	18.67	18.75	18.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.41	23.43	23.53	25	0
10	QPSK	1	25	23.37	23.46	23.42		
10	QPSK	1	49	23.42	23.44	23.43		
10	QPSK	25	0	22.49	22.53	22.54	24	1
10	QPSK	25	12	22.54	22.53	22.59		
10	QPSK	25	25	22.53	22.58	22.57		
10	QPSK	50	0	22.55	22.51	22.57		
10	16QAM	1	0	22.83	22.91	23.01	24	1
10	16QAM	1	25	22.81	22.89	22.89		
10	16QAM	1	49	22.92	22.83	22.74		
10	16QAM	25	0	21.53	21.56	21.53	23	2
10	16QAM	25	12	21.6	21.56	21.56		
10	16QAM	25	25	21.55	21.59	21.56		
10	16QAM	50	0	21.55	21.56	21.57		
10	64QAM	1	0	21.6	21.66	21.8	23	2
10	64QAM	1	25	21.71	21.77	21.73		
10	64QAM	1	49	21.8	21.64	21.69		
10	64QAM	25	0	20.5	20.54	20.52	22	3
10	64QAM	25	12	20.59	20.52	20.6		
10	64QAM	25	25	20.54	20.57	20.55		
10	64QAM	50	0	20.58	20.52	20.58		
10	256QAM	1	0	18.81	18.85	18.81	20	5
10	256QAM	1	25	18.88	18.94	18.90		
10	256QAM	1	49	19.00	19.02	18.99		
10	256QAM	25	0	18.67	18.74	18.74	20	5
10	256QAM	25	12	18.68	18.74	18.71		
10	256QAM	25	25	18.85	18.76	18.75		
10	256QAM	50	0	18.66	18.78	18.66		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.43	23.51	23.47	25	0
5	QPSK	1	12	23.51	23.42	23.45		
5	QPSK	1	24	23.39	23.48	23.44		
5	QPSK	12	0	22.45	22.48	22.48	24	1
5	QPSK	12	7	22.52	22.57	22.49		
5	QPSK	12	13	22.5	22.53	22.54		
5	QPSK	25	0	22.5	22.48	22.46		
5	16QAM	1	0	22.8	22.85	22.83	24	1
5	16QAM	1	12	23.02	22.98	23.01		
5	16QAM	1	24	22.8	22.83	22.93		
5	16QAM	12	0	21.53	21.56	21.56	23	2
5	16QAM	12	7	21.61	21.64	21.5		
5	16QAM	12	13	21.58	21.59	21.59		
5	16QAM	25	0	21.54	21.5	21.5		
5	64QAM	1	0	21.72	21.7	21.7	23	2
5	64QAM	1	12	21.82	21.87	21.75		
5	64QAM	1	24	21.76	21.74	21.78		
5	64QAM	12	0	20.5	20.53	20.5	22	3
5	64QAM	12	7	20.54	20.64	20.51		
5	64QAM	12	13	20.52	20.6	20.58		
5	64QAM	25	0	20.52	20.5	20.5		
5	256QAM	1	0	18.82	18.75	18.87	20	5
5	256QAM	1	12	18.95	18.90	18.88		
5	256QAM	1	24	18.99	18.97	19.00		
5	256QAM	12	0	18.68	18.80	18.75	20	5
5	256QAM	12	7	18.72	18.72	18.68		
5	256QAM	12	13	18.81	18.84	18.74		
5	256QAM	25	0	18.66	18.69	18.70		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.36	23.49	23.48	25	0
3	QPSK	1	8	23.44	23.53	23.53		
3	QPSK	1	14	23.35	23.47	23.39		
3	QPSK	8	0	22.53	22.49	22.48	24	1
3	QPSK	8	4	22.51	22.59	22.56		
3	QPSK	8	7	22.47	22.53	22.53		
3	QPSK	15	0	22.48	22.45	22.42		
3	16QAM	1	0	22.78	22.87	22.88	24	1
3	16QAM	1	8	22.88	22.94	22.95		
3	16QAM	1	14	22.76	22.83	22.81		
3	16QAM	8	0	21.62	21.58	21.54	23	2
3	16QAM	8	4	21.63	21.7	21.62		
3	16QAM	8	7	21.58	21.64	21.62		
3	16QAM	15	0	21.53	21.48	21.5		
3	64QAM	1	0	21.63	21.73	21.72	23	2
3	64QAM	1	8	21.73	21.82	21.73		
3	64QAM	1	14	21.64	21.72	21.78		
3	64QAM	8	0	20.55	20.52	20.53	22	3
3	64QAM	8	4	20.57	20.61	20.62		
3	64QAM	8	7	20.56	20.6	20.57		
3	64QAM	15	0	20.55	20.51	20.5		
3	256QAM	1	0	18.74	18.78	18.87	20	5
3	256QAM	1	8	18.94	18.99	18.86		
3	256QAM	1	14	18.95	19.03	18.93		
3	256QAM	8	0	18.73	18.81	18.66	20	5
3	256QAM	8	4	18.73	18.78	18.69		
3	256QAM	8	7	18.83	18.79	18.78		
3	256QAM	15	0	18.65	18.74	18.69		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.52	23.29	23.48	25	0
1.4	QPSK	1	3	23.41	23.26	23.43		
1.4	QPSK	1	5	23.51	23.19	23.53		
1.4	QPSK	3	0	23.45	23.26	23.45		
1.4	QPSK	3	1	23.46	23.25	23.45		
1.4	QPSK	3	3	23.52	23.22	23.5		
1.4	QPSK	6	0	22.56	22.31	22.59	24	1
1.4	16QAM	1	0	22.88	22.53	22.9	24	1
1.4	16QAM	1	3	22.89	22.62	22.99		
1.4	16QAM	1	5	22.94	22.58	22.88		
1.4	16QAM	3	0	22.67	22.42	22.71		
1.4	16QAM	3	1	22.73	22.36	22.78		
1.4	16QAM	3	3	22.71	22.35	22.75		
1.4	16QAM	6	0	21.64	21.43	21.71	23	2
1.4	64QAM	1	0	21.73	21.59	21.82	23	2
1.4	64QAM	1	3	21.8	21.54	21.82		
1.4	64QAM	1	5	21.8	21.5	21.79		
1.4	64QAM	3	0	21.69	21.51	21.75		
1.4	64QAM	3	1	21.75	21.47	21.76		
1.4	64QAM	3	3	21.76	21.46	21.77		
1.4	64QAM	6	0	20.6	20.45	20.63	22	3
1.4	256QAM	1	0	18.82	18.77	18.81	20	5
1.4	256QAM	1	3	18.90	18.92	18.87		
1.4	256QAM	1	5	18.96	19.00	18.98		
1.4	256QAM	3	0	18.66	18.73	18.68		
1.4	256QAM	3	1	18.75	18.78	18.66		
1.4	256QAM	3	3	18.87	18.83	18.75		
1.4	256QAM	6	0	18.68	18.71	18.67	20	5

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.32		25	0
10	QPSK	1	25		24.29			
10	QPSK	1	49		24.14			
10	QPSK	25	0		23.25		24	1
10	QPSK	25	12		23.23			
10	QPSK	25	25		23.18			
10	QPSK	50	0		23.22			
10	16QAM	1	0		23.73		24	1
10	16QAM	1	25		23.64			
10	16QAM	1	49		23.61			
10	16QAM	25	0		22.27		23	2
10	16QAM	25	12		22.27			
10	16QAM	25	25		22.23			
10	16QAM	50	0		22.22			
10	64QAM	1	0		22.46		23	2
10	64QAM	1	25		22.44			
10	64QAM	1	49		22.5			
10	64QAM	25	0		21.27		22	3
10	64QAM	25	12		21.27			
10	64QAM	25	25		21.19			
10	64QAM	50	0		21.22			
10	256QAM	1	0		19.25		20	5
10	256QAM	1	25		19.36			
10	256QAM	1	49		19.06			
10	256QAM	25	0		19.23		20	5
10	256QAM	25	12		19.25			
10	256QAM	25	25		19.13			
10	256QAM	50	0		19.10			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	24.29	24.31	24.26	25	0
5	QPSK	1	12	24.25	24.28	24.25		
5	QPSK	1	24	24.22	24.16	24.14		
5	QPSK	12	0	23.32	23.26	23.28	24	1
5	QPSK	12	7	23.28	23.22	23.27		
5	QPSK	12	13	23.25	23.18	23.14		
5	QPSK	25	0	23.28	23.21	23.25		
5	16QAM	1	0	23.6	23.58	23.55	24	1
5	16QAM	1	12	23.72	23.76	23.71		
5	16QAM	1	24	23.56	23.53	23.48		
5	16QAM	12	0	22.3	22.28	22.31	23	2
5	16QAM	12	7	22.39	22.29	22.31		
5	16QAM	12	13	22.31	22.28	22.2		
5	16QAM	25	0	22.29	22.21	22.29		
5	64QAM	1	0	22.62	22.49	22.43	23	2
5	64QAM	1	12	22.47	22.54	22.45		
5	64QAM	1	24	22.45	22.43	22.34		
5	64QAM	12	0	21.29	21.27	21.25	22	3
5	64QAM	12	7	21.35	21.32	21.31		
5	64QAM	12	13	21.29	21.21	21.17		
5	64QAM	25	0	21.29	21.22	21.24		
5	256QAM	1	0	19.21	19.23	19.18	20	5
5	256QAM	1	12	19.30	19.31	19.34		
5	256QAM	1	24	19.00	18.99	19.00		
5	256QAM	12	0	19.25	19.23	19.25	20	5
5	256QAM	12	7	19.31	19.20	19.18		
5	256QAM	12	13	19.10	19.07	19.08		
5	256QAM	25	0	19.04	19.04	19.07		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.08	24.13	24.08	25	0
20	QPSK	1	49	24.05	23.91	24.02		
20	QPSK	1	99	23.89	23.79	23.86		
20	QPSK	50	0	22.97	23.03	22.92	24	1
20	QPSK	50	24	22.93	22.91	22.88		
20	QPSK	50	50	22.88	22.85	22.85		
20	QPSK	100	0	22.95	23	22.83		
20	16QAM	1	0	23.24	23.3	23.21	24	1
20	16QAM	1	49	23.4	23.44	23.37		
20	16QAM	1	99	23	22.99	23.21		
20	16QAM	50	0	21.99	21.87	21.9	23	2
20	16QAM	50	24	22.03	21.93	21.88		
20	16QAM	50	50	21.96	21.88	21.87		
20	16QAM	100	0	21.98	21.92	21.85		
20	64QAM	1	0	22.19	22.1	22.03	23	2
20	64QAM	1	49	22.2	22.13	22.18		
20	64QAM	1	99	22.05	21.93	21.97		
20	64QAM	50	0	20.96	20.89	20.91	22	3
20	64QAM	50	24	21	20.93	20.89		
20	64QAM	50	50	20.95	20.88	20.88		
20	64QAM	100	0	20.99	20.93	20.84		
20	256QAM	1	0	19.08	19.06	19.08	20	5
20	256QAM	1	49	19.01	19.02	18.95		
20	256QAM	1	99	19.11	19.15	19.17		
20	256QAM	50	0	18.71	18.79	18.75	20	5
20	256QAM	50	24	18.91	18.91	18.85		
20	256QAM	50	50	18.93	18.97	18.96		
20	256QAM	100	0	18.79	18.89	18.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.91	23.86	23.85	25	0
15	QPSK	1	37	23.96	23.89	23.89		
15	QPSK	1	74	23.81	23.66	23.76		
15	QPSK	36	0	23.01	22.84	22.86	24	1
15	QPSK	36	20	23	22.93	22.91		
15	QPSK	36	39	22.94	22.87	22.85		
15	QPSK	75	0	22.99	22.9	22.92		
15	16QAM	1	0	23.25	23.15	23.19	24	1
15	16QAM	1	37	23.28	23.22	23.26		
15	16QAM	1	74	23.07	23.08	23.01		
15	16QAM	36	0	22.03	21.85	21.89	23	2
15	16QAM	36	20	22.05	21.96	21.96		
15	16QAM	36	39	21.99	21.88	21.88		
15	16QAM	75	0	21.99	21.92	21.91		
15	64QAM	1	0	22.06	22.14	22.02	23	2
15	64QAM	1	37	22.12	22.09	22.14		
15	64QAM	1	74	21.99	21.91	22.06		
15	64QAM	36	0	21.01	20.88	20.89	22	3
15	64QAM	36	20	21.03	20.92	20.95		
15	64QAM	36	39	20.96	20.87	20.85		
15	64QAM	75	0	20.99	20.91	20.93		
15	256QAM	1	0	19.01	18.99	19.01	20	5
15	256QAM	1	37	18.98	19.03	19.02		
15	256QAM	1	74	19.12	19.18	19.15		
15	256QAM	36	0	18.78	18.72	18.82	20	5
15	256QAM	36	20	18.92	18.93	18.85		
15	256QAM	36	39	18.84	18.95	18.94		
15	256QAM	75	0	18.80	18.89	18.88		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.05	23.95	23.96	25	0
10	QPSK	1	25	24.06	23.98	23.93		
10	QPSK	1	49	23.97	23.85	23.85		
10	QPSK	25	0	23.15	22.96	22.98	24	1
10	QPSK	25	12	23.16	23.03	22.98		
10	QPSK	25	25	23.11	23	22.99		
10	QPSK	50	0	23.11	23	22.96		
10	16QAM	1	0	23.39	23.39	23.36	24	1
10	16QAM	1	25	23.44	23.33	23.33		
10	16QAM	1	49	23.4	23.31	23.27		
10	16QAM	25	0	22.18	21.98	21.98	23	2
10	16QAM	25	12	22.16	22.05	21.97		
10	16QAM	25	25	22.15	22.01	21.99		
10	16QAM	50	0	22.11	22.04	21.95		
10	64QAM	1	0	22.28	22.31	22.22	23	2
10	64QAM	1	25	22.36	22.26	22.08		
10	64QAM	1	49	22.26	22.2	22.13		
10	64QAM	25	0	21.17	21	20.97	22	3
10	64QAM	25	12	21.15	21.05	20.97		
10	64QAM	25	25	21.07	21	21		
10	64QAM	50	0	21.1	21.04	20.95		
10	256QAM	1	0	19.07	19.02	19.05	20	5
10	256QAM	1	25	19.02	18.95	18.95		
10	256QAM	1	49	19.11	19.18	19.07		
10	256QAM	25	0	18.76	18.73	18.79	20	5
10	256QAM	25	12	18.87	18.90	18.82		
10	256QAM	25	25	18.92	18.94	18.98		
10	256QAM	50	0	18.76	18.89	18.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.08	24	23.95	25	0
5	QPSK	1	12	24.05	24.03	24.02		
5	QPSK	1	24	24.06	23.92	23.92		
5	QPSK	12	0	23.12	23.01	22.95	24	1
5	QPSK	12	7	23.12	23.02	23.03		
5	QPSK	12	13	23.07	22.98	22.97		
5	QPSK	25	0	23.1	23	23		
5	16QAM	1	0	23.49	23.34	23.33	24	1
5	16QAM	1	12	23.53	23.44	23.42		
5	16QAM	1	24	23.39	23.27	23.3		
5	16QAM	12	0	22.19	22.05	22	23	2
5	16QAM	12	7	22.16	22.08	22.08		
5	16QAM	12	13	22.12	22.02	22.02		
5	16QAM	25	0	22.13	22.03	22.03		
5	64QAM	1	0	22.36	22.24	22.17	23	2
5	64QAM	1	12	22.39	22.19	22.26		
5	64QAM	1	24	22.3	22.11	22.07		
5	64QAM	12	0	21.13	21.05	20.98	22	3
5	64QAM	12	7	21.16	21.05	21.07		
5	64QAM	12	13	21.13	21.04	21.01		
5	64QAM	25	0	21.13	21.03	21		
5	256QAM	1	0	19.05	19.07	19.05	20	5
5	256QAM	1	12	18.97	19.02	18.99		
5	256QAM	1	24	19.13	19.10	19.15		
5	256QAM	12	0	18.70	18.77	18.77	20	5
5	256QAM	12	7	18.88	18.93	18.89		
5	256QAM	12	13	18.92	18.94	18.95		
5	256QAM	25	0	18.83	18.90	18.82		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.99	23.92	23.87	25	0
3	QPSK	1	8	24.1	23.99	23.97		
3	QPSK	1	14	23.98	23.88	23.85		
3	QPSK	8	0	23.11	23	22.92	24	1
3	QPSK	8	4	23.12	23	22.92		
3	QPSK	8	7	23.1	22.98	22.99		
3	QPSK	15	0	23.07	22.98	22.89		
3	16QAM	1	0	23.43	23.33	23.21	24	1
3	16QAM	1	8	23.53	23.41	23.42		
3	16QAM	1	14	23.33	23.23	23.23		
3	16QAM	8	0	22.21	22.08	22	23	2
3	16QAM	8	4	22.24	22.1	21.99		
3	16QAM	8	7	22.2	22.04	22.04		
3	16QAM	15	0	22.1	22	21.88		
3	64QAM	1	0	22.27	22.17	22.1	23	2
3	64QAM	1	8	22.38	22.22	22.16		
3	64QAM	1	14	22.32	22.21	22.1		
3	64QAM	8	0	21.14	21.03	20.94	22	3
3	64QAM	8	4	21.18	21.03	20.99		
3	64QAM	8	7	21.13	21.05	21.01		
3	64QAM	15	0	21.14	21.01	20.9		
3	256QAM	1	0	19.00	19.05	19.11	20	5
3	256QAM	1	8	18.97	19.03	18.96		
3	256QAM	1	14	19.07	19.18	19.15		
3	256QAM	8	0	18.77	18.76	18.77	20	5
3	256QAM	8	4	18.88	18.84	18.89		
3	256QAM	8	7	18.84	18.98	18.88		
3	256QAM	15	0	18.81	18.83	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.05	23.89	23.87	25	0
1.4	QPSK	1	3	24.06	23.97	23.98		
1.4	QPSK	1	5	24.02	23.94	23.92		
1.4	QPSK	3	0	24.08	23.99	23.99		
1.4	QPSK	3	1	24.09	23.99	23.97		
1.4	QPSK	3	3	24.05	23.96	23.94		
1.4	QPSK	6	0	23.06	22.97	22.94	24	1
1.4	16QAM	1	0	23.44	23.32	23.34	24	1
1.4	16QAM	1	3	23.37	23.42	23.44		
1.4	16QAM	1	5	23.41	23.3	23.31		
1.4	16QAM	3	0	23.26	23.15	23.13		
1.4	16QAM	3	1	23.28	23.09	23.12		
1.4	16QAM	3	3	23.23	23.18	23.1		
1.4	16QAM	6	0	22.16	22.01	22.04	23	2
1.4	64QAM	1	0	22.15	22.15	22.09	23	2
1.4	64QAM	1	3	22.34	22.19	22.19		
1.4	64QAM	1	5	22.29	22.14	22.06		
1.4	64QAM	3	0	22.2	22.12	22.09		
1.4	64QAM	3	1	22.24	22.1	22.06		
1.4	64QAM	3	3	22.21	22.13	22.1		
1.4	64QAM	6	0	21.11	21.02	20.96	22	3
1.4	256QAM	1	0	19.02	18.99	19.04	20	5
1.4	256QAM	1	3	18.96	19.03	18.93		
1.4	256QAM	1	5	19.16	19.17	19.10		
1.4	256QAM	3	0	18.76	18.79	18.79		
1.4	256QAM	3	1	18.89	18.92	18.82		
1.4	256QAM	3	3	18.86	18.98	18.97		
1.4	256QAM	6	0	18.81	18.86	18.82	20	5

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25	25	0
20	QPSK	1	49	24.28	24.17	24.21		
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13	24	1
20	QPSK	50	24	23.24	23.23	23.21		
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81	24	1
20	16QAM	1	49	22.73	22.81	22.66		
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07	23	2
20	16QAM	50	24	22.14	22.24	22.11		
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18	23	2
20	64QAM	1	49	22.35	22.37	22.29		
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17	22	3
20	64QAM	50	24	21.18	21.21	21.14		
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90	20	5
20	256QAM	1	49	19.11	19.16	19.01		
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15	20	5
20	256QAM	50	24	19.20	19.27	19.20		
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2	25	0
15	QPSK	1	37	24.19	24.09	24.11		
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07	24	1
15	QPSK	36	20	23.18	23.08	23.11		
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69	24	1
15	16QAM	1	37	22.68	22.75	22.59		
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98	23	2
15	16QAM	36	20	22.03	22.13	22.06		
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05	23	2
15	64QAM	1	37	22.23	22.28	22.22		
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05	22	3
15	64QAM	36	20	21.05	21.11	21		
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79	20	5
15	256QAM	1	37	19.00	19.05	18.92		
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08	20	5
15	256QAM	36	20	19.10	19.16	19.08		
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12	25	0
10	QPSK	1	25	24.15	24.08	24.12		
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08	24	1
10	QPSK	25	12	23.18	23.11	23.14		
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66	24	1
10	16QAM	1	25	22.6	22.73	22.61		
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94	23	2
10	16QAM	25	12	22.02	22.14	21.96		
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08	23	2
10	64QAM	1	25	22.27	22.3	22.24		
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08	22	3
10	64QAM	25	12	21.11	21.11	20.98		
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80	20	5
10	256QAM	1	25	18.95	19.03	18.92		
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07	20	5
10	256QAM	25	12	19.07	19.16	19.12		
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15	25	0
5	QPSK	1	12	24.22	24.05	24.08		
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01	24	1
5	QPSK	12	7	23.16	23.15	23.12		
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75	24	1
5	16QAM	1	12	22.59	22.65	22.61		
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97	23	2
5	16QAM	12	7	22.05	22.18	22.06		
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1	23	2
5	64QAM	1	12	22.28	22.26	22.19		
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02	22	3
5	64QAM	12	7	21.09	21.09	21.09		
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83	20	5
5	256QAM	1	12	18.99	19.08	18.95		
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10	20	5
5	256QAM	12	7	19.13	19.12	19.13		
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15	25	0
3	QPSK	1	8	24.19	24.11	24.07		
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07	24	1
3	QPSK	8	4	23.14	23.1	23.09		
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66	24	1
3	16QAM	1	8	22.61	22.74	22.61		
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92	23	2
3	16QAM	8	4	22.02	22.17	22.03		
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08	23	2
3	64QAM	1	8	22.23	22.24	22.21		
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11	22	3
3	64QAM	8	4	21.12	21.13	21.06		
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76	20	5
3	256QAM	1	8	18.99	19.11	18.92		
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04	20	5
3	256QAM	8	4	19.09	19.11	19.14		
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19	25	0
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138		
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	24	1
1.4	16QAM	1	0	22.73	22.92	22.65	24	1
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74		
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	23	2
1.4	64QAM	1	0	22.06	22.13	22.1	23	2
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08		
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	22	3
1.4	256QAM	1	0	18.92	18.95	18.78	20	5
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86		
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	20	5

Band 66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.38	22.41	22.37	23	0
20	QPSK	1	49	22.4	22.27	22.37		
20	QPSK	1	99	22.32	22.16	22.32		
20	QPSK	50	0	22.38	22.39	22.17	23	0
20	QPSK	50	24	22.31	22.24	22.23		
20	QPSK	50	50	22.23	22.18	22.26		
20	QPSK	100	0	22.25	22.28	22.24		
20	16QAM	1	0	22.09	22.02	21.88	23	0
20	16QAM	1	49	21.98	21.92	21.82		
20	16QAM	1	99	21.91	21.91	21.75		
20	16QAM	50	0	21.22	21.23	21.13	22	1
20	16QAM	50	24	21.21	21.17	21.11		
20	16QAM	50	50	21.27	21.18	21.03		
20	16QAM	100	0	21.2	21.2	21.13		
20	64QAM	1	0	21.31	21.32	21.21	22	1
20	64QAM	1	49	21.46	21.41	21.36		
20	64QAM	1	99	21.43	21.35	21.28		
20	64QAM	50	0	20.28	20.25	20.15	21	2
20	64QAM	50	24	20.24	20.24	20.08		
20	64QAM	50	50	20.24	20.18	20.11		
20	64QAM	100	0	20.22	20.2	20.05		
20	256QAM	1	0	18.12	18.13	18.04	19	4
20	256QAM	1	49	18.30	18.24	18.11		
20	256QAM	1	99	18.25	18.21	18.12		
20	256QAM	50	0	18.23	18.23	18.16	19	4
20	256QAM	50	24	18.16	18.16	18.05		
20	256QAM	50	50	18.28	18.18	18.03		
20	256QAM	100	0	18.23	18.24	18.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.25	22.31	23	0
15	QPSK	1	37	22.25	22.21	22.25		
15	QPSK	1	74	22.19	22.01	22.26		
15	QPSK	36	0	22.24	22.27	22.05	23	0
15	QPSK	36	20	22.17	22.17	22.13		
15	QPSK	36	39	22.13	22.05	22.13		
15	QPSK	75	0	22.09	22.13	22.15		
15	16QAM	1	0	22.02	21.96	21.72	23	0
15	16QAM	1	37	21.89	21.87	21.76		
15	16QAM	1	74	21.85	21.84	21.68		
15	16QAM	36	0	21.13	21.12	21.03	22	1
15	16QAM	36	20	21.06	21.02	21.06		
15	16QAM	36	39	21.11	21.1	20.93		
15	16QAM	75	0	21.11	21.09	21.03		
15	64QAM	1	0	21.2	21.25	21.1	22	1
15	64QAM	1	37	21.33	21.29	21.3		
15	64QAM	1	74	21.32	21.24	21.23		
15	64QAM	36	0	20.22	20.14	20.07	21	2
15	64QAM	36	20	20.16	20.16	19.93		
15	64QAM	36	39	20.13	20.04	19.96		
15	64QAM	75	0	20.15	20.15	19.91		
15	256QAM	1	0	18.04	17.97	17.94	19	4
15	256QAM	1	37	18.15	18.16	17.96		
15	256QAM	1	74	18.17	18.06	18.02		
15	256QAM	36	0	18.08	18.16	18.09	19	4
15	256QAM	36	20	18.01	18.01	17.92		
15	256QAM	36	39	18.19	18.06	17.87		
15	256QAM	75	0	18.18	18.13	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.33	22.27	22.24	23	0
10	QPSK	1	25	22.31	22.13	22.31		
10	QPSK	1	49	22.21	22.1	22.21		
10	QPSK	25	0	22.27	22.23	22.1	23	0
10	QPSK	25	12	22.22	22.19	22.15		
10	QPSK	25	25	22.17	22.09	22.2		
10	QPSK	50	0	22.1	22.13	22.13		
10	16QAM	1	0	22.02	21.91	21.76	23	0
10	16QAM	1	25	21.83	21.79	21.72		
10	16QAM	1	49	21.8	21.82	21.67		
10	16QAM	25	0	21.08	21.11	20.98	22	1
10	16QAM	25	12	21.15	21.12	21.06		
10	16QAM	25	25	21.16	21.02	20.93		
10	16QAM	50	0	21.15	21.13	21.04		
10	64QAM	1	0	21.18	21.26	21.16	22	1
10	64QAM	1	25	21.38	21.3	21.29		
10	64QAM	1	49	21.32	21.3	21.19		
10	64QAM	25	0	20.12	20.15	20.09	21	2
10	64QAM	25	12	20.12	20.09	19.97		
10	64QAM	25	25	20.18	20.09	20.05		
10	64QAM	50	0	20.1	20.08	19.91		
10	256QAM	1	0	18.04	17.97	17.99	19	4
10	256QAM	1	25	18.14	18.14	17.98		
10	256QAM	1	49	18.14	18.13	18.00		
10	256QAM	25	0	18.16	18.17	18.03	19	4
10	256QAM	25	12	18.10	18.04	17.95		
10	256QAM	25	25	18.22	18.09	17.95		
10	256QAM	50	0	18.14	18.12	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.27	22.25	23	0
5	QPSK	1	12	22.27	22.13	22.26		
5	QPSK	1	24	22.25	22.06	22.22		
5	QPSK	12	0	22.24	22.33	22.11	23	0
5	QPSK	12	7	22.2	22.1	22.07		
5	QPSK	12	13	22.12	22.07	22.13		
5	QPSK	25	0	22.17	22.14	22.16		
5	16QAM	1	0	21.93	21.91	21.76	23	0
5	16QAM	1	12	21.92	21.86	21.69		
5	16QAM	1	24	21.82	21.86	21.64		
5	16QAM	12	0	21.14	21.13	21.04	22	1
5	16QAM	12	7	21.07	21.02	21.05		
5	16QAM	12	13	21.16	21.13	20.87		
5	16QAM	25	0	21.07	21.13	21.03		
5	64QAM	1	0	21.16	21.21	21.12	22	1
5	64QAM	1	12	21.31	21.35	21.3		
5	64QAM	1	24	21.35	21.19	21.15		
5	64QAM	12	0	20.19	20.14	20.09	21	2
5	64QAM	12	7	20.17	20.15	19.94		
5	64QAM	12	13	20.13	20.06	20.04		
5	64QAM	25	0	20.17	20.1	19.9		
5	256QAM	1	0	18.00	18.08	17.94	19	4
5	256QAM	1	12	18.22	18.16	17.97		
5	256QAM	1	24	18.12	18.11	18.01		
5	256QAM	12	0	18.11	18.16	18.01	19	4
5	256QAM	12	7	18.00	18.11	17.96		
5	256QAM	12	13	18.16	18.06	17.88		
5	256QAM	25	0	18.16	18.12	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.25	22.26	23	0
3	QPSK	1	8	22.33	22.2	22.21		
3	QPSK	1	14	22.16	22.04	22.25		
3	QPSK	8	0	22.27	22.31	22.03	23	0
3	QPSK	8	4	22.15	22.12	22.16		
3	QPSK	8	7	22.13	22.13	22.18		
3	QPSK	15	0	22.14	22.21	22.19		
3	16QAM	1	0	21.98	21.88	21.73	23	0
3	16QAM	1	8	21.83	21.8	21.77		
3	16QAM	1	14	21.84	21.81	21.69		
3	16QAM	8	0	21.12	21.15	21.03	22	1
3	16QAM	8	4	21.12	21.03	21.03		
3	16QAM	8	7	21.15	21.13	20.87		
3	16QAM	15	0	21.04	21.15	21.07		
3	64QAM	1	0	21.18	21.23	21.1	22	1
3	64QAM	1	8	21.32	21.28	21.26		
3	64QAM	1	14	21.3	21.25	21.21		
3	64QAM	8	0	20.13	20.11	20.09	21	2
3	64QAM	8	4	20.11	20.17	20.03		
3	64QAM	8	7	20.13	20.02	20.05		
3	64QAM	15	0	20.13	20.15	19.92		
3	256QAM	1	0	18.05	17.98	17.99	19	4
3	256QAM	1	8	18.24	18.19	17.95		
3	256QAM	1	14	18.17	18.06	18.06		
3	256QAM	8	0	18.08	18.18	18.08	19	4
3	256QAM	8	4	18.08	18.11	17.90		
3	256QAM	8	7	18.23	18.02	17.97		
3	256QAM	15	0	18.13	18.11	17.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.29	22.26	22.26	23	0
1.4	QPSK	1	3	22.26	22.13	22.24		
1.4	QPSK	1	5	22.21	22	22.19		
1.4	QPSK	3	0	22.22	22.24	22.04		
1.4	QPSK	3	1	22.25	22.13	22.18		
1.4	QPSK	3	3	22.12	22.06	22.15		
1.4	QPSK	6	0	22.15	22.23	22.17	22	1
1.4	16QAM	1	0	21.96	21.91	21.73	22	1
1.4	16QAM	1	3	21.9	21.85	21.71		
1.4	16QAM	1	5	21.86	21.82	21.67		
1.4	16QAM	3	0	21.96	21.94	21.84		
1.4	16QAM	3	1	21.92	21.86	21.76		
1.4	16QAM	3	3	21.93	21.86	21.69		
1.4	16QAM	6	0	21.11	21.06	21.01	21	2
1.4	64QAM	1	0	21.24	21.21	21.11	21	2
1.4	64QAM	1	3	21.3	21.34	21.25		
1.4	64QAM	1	5	21.31	21.25	21.2		
1.4	64QAM	3	0	21.02	20.98	20.84		
1.4	64QAM	3	1	20.94	20.99	20.75		
1.4	64QAM	3	3	20.93	20.9	20.78		
1.4	64QAM	6	0	20.14	20.1	19.99	20	3
1.4	256QAM	1	0	18.00	17.97	17.96	18	5
1.4	256QAM	1	3	18.17	18.10	17.96		
1.4	256QAM	1	5	18.13	18.07	17.98		
1.4	256QAM	3	0	18.12	18.17	18.09		
1.4	256QAM	3	1	18.08	18.08	17.97		
1.4	256QAM	3	3	18.13	18.12	17.95		
1.4	256QAM	6	0	18.15	18.08	18.03	18	5

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92	25	0
20	QPSK	1	49	23.85	23.88	23.86		
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94	24	1
20	QPSK	50	24	22.92	22.91	22.89		
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24	24	1
20	16QAM	1	49	23.17	23.25	23.18		
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91	23	2
20	16QAM	50	24	21.92	21.91	21.9		
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39	23	2
20	64QAM	1	49	22.24	22.3	22.29		
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24	22	3
20	64QAM	50	24	21.28	21.21	21.22		
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85	20	5
20	256QAM	1	49	18.92	18.99	18.90		
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83	20	5
20	256QAM	50	24	18.85	18.83	18.79		
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93	25	0
15	QPSK	1	37	23.78	23.87	23.81		
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83	24	1
15	QPSK	36	20	22.88	22.88	22.84		
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19	24	1
15	16QAM	1	37	23.08	23.21	23.17		
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9	23	2
15	16QAM	36	20	21.93	21.83	21.8		
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36	23	2
15	64QAM	1	37	22.17	22.24	22.22		
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21	22	3
15	64QAM	36	20	21.2	21.15	21.17		
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82	20	5
15	256QAM	1	37	18.85	18.95	18.98		
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82	20	5
15	256QAM	36	20	18.82	18.77	18.76		
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89	25	0
10	QPSK	1	25	23.84	23.84	23.81		
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91	24	1
10	QPSK	25	12	22.88	22.85	22.82		
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16	24	1
10	16QAM	1	25	23.13	23.2	23.17		
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89	23	2
10	16QAM	25	12	21.85	21.87	21.88		
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3	23	2
10	64QAM	1	25	22.18	22.22	22.25		
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18	22	3
10	64QAM	25	12	21.2	21.16	21.19		
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82	20	5
10	256QAM	1	25	18.90	19.02	18.96		
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78	20	5
10	256QAM	25	12	18.80	18.76	18.78		
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9	25	0
5	QPSK	1	12	23.79	23.87	23.84		
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15	24	1
5	16QAM	1	12	23.16	23.16	23.09		
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89	23	2
5	16QAM	12	7	21.84	21.86	21.82		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35	23	2
5	64QAM	1	12	22.19	22.26	22.25		
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23	22	3
5	64QAM	12	7	21.19	21.14	21.17		
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79	20	5
5	256QAM	1	12	18.92	18.99	18.93		
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84	20	5
5	256QAM	12	7	18.81	18.76	18.73		
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.71	23.77	23.68	24.5	0
20	QPSK	1	49	23.62	23.55	23.55		
20	QPSK	1	99	23.5	23.39	23.5		
20	QPSK	50	0	22.55	22.64	22.6	23.5	1
20	QPSK	50	24	22.5	22.58	22.54		
20	QPSK	50	50	22.43	22.55	22.51		
20	QPSK	100	0	22.53	22.54	22.48		
20	16QAM	1	0	22.72	22.42	22.32	23.5	1
20	16QAM	1	49	22.45	22.54	22.76		
20	16QAM	1	99	22.29	22.71	22.78		
20	16QAM	50	0	21.48	21.53	21.54	22.5	2
20	16QAM	50	24	21.63	21.6	21.65		
20	16QAM	50	50	21.54	21.55	21.52		
20	16QAM	100	0	21.46	21.6	21.61		
20	64QAM	1	0	21.55	21.57	21.22	22.5	2
20	64QAM	1	49	21.62	21.68	21.64		
20	64QAM	1	99	21.32	21.52	21.58		
20	64QAM	50	0	20.48	20.42	20.51	21.5	3
20	64QAM	50	24	20.53	20.57	20.62		
20	64QAM	50	50	20.52	20.54	20.67		
20	64QAM	100	0	20.51	20.52	20.58		
20	256QAM	1	0	18.77	18.85	18.76	19.5	5
20	256QAM	1	49	18.75	18.79	18.78		
20	256QAM	1	99	18.84	18.85	18.87		
20	256QAM	50	0	18.66	18.67	18.67	19.5	5
20	256QAM	50	24	18.62	18.66	18.63		
20	256QAM	50	50	18.58	18.61	18.54		
20	256QAM	100	0	18.55	18.64	18.64		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.76	23.66	23.73	24.5	0
15	QPSK	1	37	23.67	23.66	23.64		
15	QPSK	1	74	23.5	23.47	23.57		
15	QPSK	36	0	22.61	22.57	22.51	23.5	1
15	QPSK	36	20	22.68	22.61	22.62		
15	QPSK	36	39	22.6	22.51	22.57		
15	QPSK	75	0	22.64	22.58	22.55		
15	16QAM	1	0	22.56	22.35	22.44	23.5	1
15	16QAM	1	37	22.68	22.53	22.49		
15	16QAM	1	74	22.78	22.42	22.47		
15	16QAM	36	0	21.58	21.56	21.47	22.5	2
15	16QAM	36	20	21.57	21.61	21.64		
15	16QAM	36	39	21.72	21.61	21.62		
15	16QAM	75	0	21.58	21.52	21.62		
15	64QAM	1	0	21.49	21.23	21.5	22.5	2
15	64QAM	1	37	21.64	21.62	21.65		
15	64QAM	1	74	21.64	21.31	21.47		
15	64QAM	36	0	20.59	20.57	20.61	21.5	3
15	64QAM	36	20	20.59	20.51	20.65		
15	64QAM	36	39	20.6	20.52	20.68		
15	64QAM	75	0	20.6	20.48	20.58		
15	256QAM	1	0	18.74	18.86	18.83	19.5	5
15	256QAM	1	37	18.77	18.79	18.75		
15	256QAM	1	74	18.82	18.84	18.75		
15	256QAM	36	0	18.61	18.62	18.65	19.5	5
15	256QAM	36	20	18.65	18.67	18.65		
15	256QAM	36	39	18.55	18.55	18.49		
15	256QAM	75	0	18.58	18.61	18.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.63	23.68	23.75	24.5	0
10	QPSK	1	25	23.61	23.7	23.69		
10	QPSK	1	49	23.61	23.62	23.74		
10	QPSK	25	0	22.77	22.69	22.64	23.5	1
10	QPSK	25	12	22.82	22.66	22.7		
10	QPSK	25	25	22.66	22.67	22.78		
10	QPSK	50	0	22.77	22.64	22.76		
10	16QAM	1	0	22.86	22.53	22.81	23.5	1
10	16QAM	1	25	22.69	22.69	22.66		
10	16QAM	1	49	22.81	22.56	22.82		
10	16QAM	25	0	21.73	21.62	21.71	22.5	2
10	16QAM	25	12	21.66	21.7	21.73		
10	16QAM	25	25	21.78	21.67	21.88		
10	16QAM	50	0	21.72	21.65	21.74		
10	64QAM	1	0	21.68	21.53	21.53	22.5	2
10	64QAM	1	25	21.42	21.57	21.69		
10	64QAM	1	49	21.64	21.48	21.57		
10	64QAM	25	0	20.86	20.59	20.79	21.5	3
10	64QAM	25	12	20.59	20.59	20.67		
10	64QAM	25	25	20.56	20.67	20.73		
10	64QAM	50	0	20.65	20.68	20.69		
10	256QAM	1	0	18.80	18.83	18.87	19.5	5
10	256QAM	1	25	18.78	18.79	18.75		
10	256QAM	1	49	18.88	18.83	18.79		
10	256QAM	25	0	18.60	18.66	18.72	19.5	5
10	256QAM	25	12	18.63	18.68	18.58		
10	256QAM	25	25	18.57	18.57	18.58		
10	256QAM	50	0	18.64	18.61	18.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.71	23.6	23.56	24.5	0
5	QPSK	1	12	23.65	23.67	23.55		
5	QPSK	1	24	23.73	23.59	23.65		
5	QPSK	12	0	22.75	22.62	22.71	23.5	1
5	QPSK	12	7	22.79	22.62	22.78		
5	QPSK	12	13	22.72	22.64	22.71		
5	QPSK	25	0	22.72	22.66	22.68		
5	16QAM	1	0	22.73	22.71	22.42	23.5	1
5	16QAM	1	12	22.71	22.71	22.85		
5	16QAM	1	24	22.76	22.72	22.65		
5	16QAM	12	0	21.85	21.78	21.69	22.5	2
5	16QAM	12	7	21.82	21.7	21.81		
5	16QAM	12	13	21.61	21.58	21.64		
5	16QAM	25	0	21.74	21.68	21.71		
5	64QAM	1	0	21.67	21.62	21.77	22.5	2
5	64QAM	1	12	21.72	21.48	21.75		
5	64QAM	1	24	21.43	21.54	21.56		
5	64QAM	12	0	20.82	20.53	20.67	21.5	3
5	64QAM	12	7	20.97	20.65	20.84		
5	64QAM	12	13	20.76	20.73	20.77		
5	64QAM	25	0	20.7	20.7	20.67		
5	256QAM	1	0	18.80	18.78	18.79	19.5	5
5	256QAM	1	12	18.74	18.78	18.78		
5	256QAM	1	24	18.86	18.82	18.82		
5	256QAM	12	0	18.69	18.68	18.70	19.5	5
5	256QAM	12	7	18.67	18.62	18.63		
5	256QAM	12	13	18.52	18.64	18.58		
5	256QAM	25	0	18.65	18.65	18.67		

Band 41_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.13	24.44	24.23	24.23	23.94	25	0
20	QPSK	1	49	23.99	24.07	24.08	24.08	24.01		
20	QPSK	1	99	23.96	23.99	24.22	24.22	23.98		
20	QPSK	50	0	23.11	23.26	23.21	23.21	23.17	24	1
20	QPSK	50	24	23.02	23.16	23.02	23.02	23.01		
20	QPSK	50	50	23.05	23.17	23.19	23.19	23.03		
20	QPSK	100	0	23.11	23.23	23.05	23.05	23.12		
20	16QAM	1	0	23.06	23	23.25	23.25	22.93	24	1
20	16QAM	1	49	23.03	23.19	23	23	23.14		
20	16QAM	1	99	22.93	23.18	23.02	23.02	23.14		
20	16QAM	50	0	22.1	22.04	22.11	22.11	22.01	23	2
20	16QAM	50	24	22.07	22.14	22.11	22.11	22.01		
20	16QAM	50	50	22.06	22.25	22.27	22.27	22.05		
20	16QAM	100	0	22.06	22.12	22.11	22.11	22.15		
20	64QAM	1	0	22.05	21.73	22.05	22.05	22.09	23	2
20	64QAM	1	49	21.78	21.73	21.98	21.98	22.06		
20	64QAM	1	99	22.02	22.08	21.76	21.76	21.84		
20	64QAM	50	0	21.02	21.01	21.08	21.08	21.03	22	3
20	64QAM	50	24	21.13	21.07	21.11	21.11	21.08		
20	64QAM	50	50	21.06	21.19	21.1	21.1	21.16		
20	64QAM	100	0	21.09	21.13	21.05	21.05	21.03		
20	256QAM	1	0	19.12	19.14	19.12	19.08	19.09	20	5
20	256QAM	1	49	18.99	19.03	19.01	18.99	18.98		
20	256QAM	1	99	18.94	19.01	18.93	18.99	18.90		
20	256QAM	50	0	19.13	19.11	19.09	19.07	19.08	20	5
20	256QAM	50	24	19.03	19.04	19.09	18.99	18.99		
20	256QAM	50	50	19.07	19.09	19.03	19.05	19.02		
20	256QAM	100	0	19.16	19.14	19.05	19.06	19.04		
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	23.94	24.12	24.16	23.96	24.01	25	0
15	QPSK	1	37	23.97	24.12	24.18	24.19	23.95		
15	QPSK	1	74	23.9	24.21	24.05	24.07	23.95		
15	QPSK	36	0	22.97	23.12	23.04	23.08	22.99	24	1
15	QPSK	36	20	23.09	23.18	23.1	23	23.01		
15	QPSK	36	39	23.05	23.15	23.1	23.17	23.07		
15	QPSK	75	0	23.04	23.25	23.09	23.08	22.95		
15	16QAM	1	0	23.17	23.05	22.85	22.9	22.92	24	1
15	16QAM	1	37	22.87	23.01	23.06	23.07	23.16		
15	16QAM	1	74	22.88	23.19	23.12	23.04	22.97		
15	16QAM	36	0	22.08	22.16	22.02	22.04	21.98	23	2
15	16QAM	36	20	22.07	22.13	22.15	22	22		
15	16QAM	36	39	22.05	22.21	22.17	22.24	22.13		
15	16QAM	75	0	22.06	22.14	22.11	22.07	22.1		
15	64QAM	1	0	21.91	21.84	22.22	22.11	21.98	23	2
15	64QAM	1	37	22	22.2	22.07	21.83	22.03		
15	64QAM	1	74	22.15	21.99	22.2	22.1	22.17		
15	64QAM	36	0	20.99	21.11	21.01	21.06	21.11	22	3
15	64QAM	36	20	21.11	21.19	21.16	21.07	21.01		
15	64QAM	36	39	21.08	21.19	21.12	21.16	21.06		
15	64QAM	75	0	21.02	21.13	21.17	21.05	21.11		
15	256QAM	1	0	19.12	19.07	19.13	19.07	19.06	20	5
15	256QAM	1	37	18.91	19.06	19.07	19.01	18.91		
15	256QAM	1	74	18.93	18.97	18.94	18.98	18.98		
15	256QAM	36	0	19.11	19.09	19.05	19.08	19.04	20	5
15	256QAM	36	20	18.99	19.05	18.99	18.97	18.96		
15	256QAM	36	39	19.05	19.08	19.05	18.97	19.02		
15	256QAM	75	0	19.15	19.12	19.10	19.06	19.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.11	24.13	24.17	24.22	24.26	25	0
10	QPSK	1	25	24.19	24.25	24.15	24.41	24.21		
10	QPSK	1	49	24.01	24.28	24.13	24.41	23.99		
10	QPSK	25	0	23.25	23.26	23.17	23.1	23.16	24	1
10	QPSK	25	12	23.22	23.34	23.33	23.23	23.34		
10	QPSK	25	25	23.23	23.34	23.33	23.27	23.3		
10	QPSK	50	0	23.16	23.35	23.32	23.29	23.33		
10	16QAM	1	0	23.16	23.54	23.24	23.37	23.3	24	1
10	16QAM	1	25	23.31	23.25	23.32	23.21	23.15		
10	16QAM	1	49	23.24	23.22	23.24	23.24	23.17		
10	16QAM	25	0	22.25	22.37	22.31	22.1	22.19	23	2
10	16QAM	25	12	22.27	22.37	22.29	22.29	22.32		
10	16QAM	25	25	22.2	22.32	22.37	22.31	22.33		
10	16QAM	50	0	22.3	22.29	22.3	22.25	22.32		
10	64QAM	1	0	22.02	22.1	22.28	22.11	22.1	23	2
10	64QAM	1	25	22.21	22.21	22.27	22.26	21.98		
10	64QAM	1	49	22.27	21.85	22.25	22.17	22.23		
10	64QAM	25	0	21.18	21.17	21.2	21.21	21.18	22	3
10	64QAM	25	12	21.22	21.29	21.33	21.23	21.25		
10	64QAM	25	25	21.21	21.29	21.22	21.26	21.24		
10	64QAM	50	0	21.19	21.29	21.31	21.21	21.24		
10	256QAM	1	0	19.17	19.12	19.11	19.11	19.05	20	5
10	256QAM	1	25	18.92	19.05	19.03	19.02	18.99		
10	256QAM	1	49	18.94	19.01	18.95	18.97	18.99		
10	256QAM	25	0	19.08	19.14	19.07	19.14	19.11	20	5
10	256QAM	25	12	18.99	19.07	19.05	19.03	18.96		
10	256QAM	25	25	19.09	19.08	19.11	18.97	19.05		
10	256QAM	50	0	19.08	19.07	19.11	19.12	19.08		
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	24.15	24.31	24.21	24.14	24.23	25	0
5	QPSK	1	12	24.18	24.35	24.1	24.25	24.41		
5	QPSK	1	24	24.22	24.32	24.14	24.24	24.16		
5	QPSK	12	0	23.17	23.35	23.26	23.22	23.3	24	1
5	QPSK	12	7	23.2	23.39	23.25	23.26	23.35		
5	QPSK	12	13	23.2	23.37	23.25	23.22	23.38		
5	QPSK	25	0	23.16	23.23	23.26	23.19	23.25		
5	16QAM	1	0	22.97	23.14	22.99	23.24	23.25	24	1
5	16QAM	1	12	22.82	23.24	23.29	23.25	23.22		
5	16QAM	1	24	23.02	23.28	23.24	23.26	23.27		
5	16QAM	12	0	22.14	22.3	22.38	22.3	22.36	23	2
5	16QAM	12	7	22.13	22.3	22.35	22.34	22.47		
5	16QAM	12	13	22.15	22.26	22.18	22.24	22.32		
5	16QAM	25	0	22.15	22.36	22.21	22.18	22.26		
5	64QAM	1	0	22.28	22.14	21.92	22.21	22.23	23	2
5	64QAM	1	12	22.35	22.23	22.18	22.23	22.37		
5	64QAM	1	24	22.22	22.25	22.28	22.22	22.17		
5	64QAM	12	0	21.18	21.49	21.31	21.24	21.4	22	3
5	64QAM	12	7	21.14	21.39	21.37	21.29	21.37		
5	64QAM	12	13	21.18	21.31	21.3	21.03	21.32		
5	64QAM	25	0	21.23	21.26	21.24	21.27	21.2		
5	256QAM	1	0	19.18	19.09	19.12	19.14	19.07	20	5
5	256QAM	1	12	18.91	18.97	19.06	19.02	18.94		
5	256QAM	1	24	18.97	18.96	18.96	18.94	18.93		
5	256QAM	12	0	19.06	19.06	19.05	19.05	19.08	20	5
5	256QAM	12	7	19.01	19.06	19.00	18.98	18.95		
5	256QAM	12	13	19.09	19.08	19.13	19.05	19.01		
5	256QAM	25	0	19.09	19.15	19.15	19.09	19.11		

Band 41 HPUE_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.93	26.12	26.09	26.05	25.95	27	0
20	QPSK	1	49	25.77	25.87	25.87	26	25.71		
20	QPSK	1	99	25.75	25.91	25.8	25.86	26.05		
20	QPSK	50	0	24.84	25.09	24.87	24.77	24.87	26	1
20	QPSK	50	24	24.96	24.95	24.82	24.89	24.89		
20	QPSK	50	50	24.89	25.08	24.93	25	24.89		
20	QPSK	100	0	24.85	24.97	24.93	24.94	24.9		
20	16QAM	1	0	24.8	25.22	25.16	25.06	24.93	26	1
20	16QAM	1	49	24.88	24.98	25.16	24.8	25.15		
20	16QAM	1	99	24.9	24.98	24.91	25.25	25.22		
20	16QAM	50	0	23.92	23.93	23.89	23.83	23.9	25	2
20	16QAM	50	24	23.93	24.08	23.97	23.83	23.83		
20	16QAM	50	50	24	24.01	24.02	23.99	23.85		
20	16QAM	100	0	23.9	24.01	23.95	23.84	23.91		
20	64QAM	1	0	24.09	23.86	23.98	24	23.87	25	2
20	64QAM	1	49	23.9	24.25	24.01	24	24.06		
20	64QAM	1	99	23.82	24.24	23.83	24.2	23.83		
20	64QAM	50	0	22.88	22.85	22.89	22.82	22.75	24	3
20	64QAM	50	24	22.87	23.06	22.79	22.94	22.8		
20	64QAM	50	50	22.93	23.1	23	23.03	22.85		
20	64QAM	100	0	22.9	22.97	22.82	22.88	22.92		
20	256QAM	1	0	21.19	21.32	21.29	21.24	21.26	22	5
20	256QAM	1	49	21.18	21.21	21.22	21.16	21.25		
20	256QAM	1	99	21.15	21.13	21.16	21.09	21.04		
20	256QAM	50	0	21.04	21.12	21.09	21.11	21.10	22	5
20	256QAM	50	24	21.02	20.99	21.04	21.00	20.99		
20	256QAM	50	50	20.98	21.11	21.08	21.09	21.04		
20	256QAM	100	0	21.12	21.07	21.11	21.08	21.12		
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	25.58	25.82	25.66	25.74	25.82	27	0
15	QPSK	1	37	25.69	25.85	25.76	25.83	25.75		
15	QPSK	1	74	25.7	25.84	25.87	25.79	25.78		
15	QPSK	36	0	24.91	25.04	24.83	24.84	24.89	26	1
15	QPSK	36	20	24.88	24.98	25.02	24.91	24.81		
15	QPSK	36	39	24.87	25.05	24.98	24.96	24.89		
15	QPSK	75	0	24.92	25.04	24.93	24.88	24.88		
15	16QAM	1	0	25.12	25.29	25.1	25.23	24.88	26	1
15	16QAM	1	37	25.2	25.2	25	25.14	24.89		
15	16QAM	1	74	24.96	25.24	25.28	25.28	24.8		
15	16QAM	36	0	23.81	24	23.87	23.95	23.8	25	2
15	16QAM	36	20	23.94	24.04	23.99	23.89	23.7		
15	16QAM	36	39	23.93	23.99	24.04	23.92	23.95		
15	16QAM	75	0	23.95	24.02	23.94	23.88	23.82		
15	64QAM	1	0	24.07	24.04	23.93	23.82	24.14	25	2
15	64QAM	1	37	24.11	24.11	24.3	23.92	23.84		
15	64QAM	1	74	24.19	23.89	24.19	24.14	24.13		
15	64QAM	36	0	22.8	23.02	22.84	22.89	22.87	24	3
15	64QAM	36	20	22.92	22.96	22.97	22.84	22.83		
15	64QAM	36	39	23	22.96	23.04	23.04	22.99		
15	64QAM	75	0	22.96	23.05	23.02	22.83	22.69		
15	256QAM	1	0	21.19	21.24	21.18	21.19	21.29	22	5
15	256QAM	1	37	21.25	21.22	21.23	21.14	21.26		
15	256QAM	1	74	21.09	21.12	21.11	21.06	21.04		
15	256QAM	36	0	21.04	21.02	21.02	21.07	21.12	22	5
15	256QAM	36	20	21.01	20.99	21.06	21.04	21.06		
15	256QAM	36	39	21.06	21.06	21.02	21.04	21.02		
15	256QAM	75	0	21.12	21.14	21.08	21.08	21.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.87	26.09	26.01	25.83	26.02	27	0
10	QPSK	1	25	25.88	26.01	25.99	25.99	26.02		
10	QPSK	1	49	26.01	26.05	26.05	26.05	26.02		
10	QPSK	25	0	24.99	25.09	24.91	24.95	24.93	26	1
10	QPSK	25	12	25.08	25.08	25.14	25.1	25.16		
10	QPSK	25	25	25.06	25.16	25.16	25.15	25.1		
10	QPSK	50	0	25.01	25.14	25.05	25.05	25.06		
10	16QAM	1	0	24.99	25.27	25.35	25.23	25.39	26	1
10	16QAM	1	25	25.25	25.08	25.37	25.33	25.01		
10	16QAM	1	49	25.31	25.38	25.29	25.33	25.34		
10	16QAM	25	0	24.08	23.99	24.1	23.99	23.99	25	2
10	16QAM	25	12	24.19	24.07	24.1	24.1	24.15		
10	16QAM	25	25	24.07	24.13	24.14	24.17	24.11		
10	16QAM	50	0	23.97	24.13	24.11	24.08	24.12		
10	64QAM	1	0	24.21	24.36	24.3	24.31	24.35	25	2
10	64QAM	1	25	24.35	24.42	24.48	24.1	24.29		
10	64QAM	1	49	24.23	24.24	24.21	24.13	24.21		
10	64QAM	25	0	22.92	23.19	23.09	23.06	22.92	24	3
10	64QAM	25	12	23.13	23.16	23.06	23.07	23.04		
10	64QAM	25	25	22.97	23.19	23.02	23.16	22.97		
10	64QAM	50	0	23.01	23.1	23.1	23.08	23.15		
10	256QAM	1	0	21.16	21.31	21.23	21.25	21.26	22	5
10	256QAM	1	25	21.23	21.17	21.19	21.21	21.23		
10	256QAM	1	49	21.08	21.10	21.19	21.11	21.06		
10	256QAM	25	0	21.08	21.08	21.04	21.13	21.11	22	5
10	256QAM	25	12	21.07	20.97	21.00	21.03	21.04		
10	256QAM	25	25	20.99	21.06	21.00	21.07	21.11		
10	256QAM	50	0	21.14	21.14	21.05	21.14	21.11		
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	25.84	26	25.94	25.82	25.95	27	0
5	QPSK	1	12	25.99	25.96	25.94	25.96	25.94		
5	QPSK	1	24	25.85	25.98	25.93	25.92	25.97		
5	QPSK	12	0	25.05	25.14	25.02	25.06	24.99	26	1
5	QPSK	12	7	25.02	25.16	25.15	25.04	25.15		
5	QPSK	12	13	25.06	25.08	25.07	25.13	25.14		
5	QPSK	25	0	25.09	25.15	25.03	25.08	25.07		
5	16QAM	1	0	25.49	25.09	25.26	25.19	25.32	26	1
5	16QAM	1	12	25.31	25.3	25.31	25.22	25.39		
5	16QAM	1	24	25.26	25.03	25.43	25.39	25.31		
5	16QAM	12	0	24.08	24.15	24.14	24.07	24.07	25	2
5	16QAM	12	7	24.07	24.26	24.2	24.09	24.14		
5	16QAM	12	13	24.08	24.13	24.08	24.03	24.17		
5	16QAM	25	0	24.03	24.1	24.07	24.07	24.11		
5	64QAM	1	0	23.91	24.22	24.3	24.09	24.3	25	2
5	64QAM	1	12	24.03	24.36	24.15	24.31	24.37		
5	64QAM	1	24	24.07	24.33	24.28	24.31	24.35		
5	64QAM	12	0	23.03	23.17	23.21	23.11	23.06	24	3
5	64QAM	12	7	23.11	23.19	23.16	23.19	23.09		
5	64QAM	12	13	23.1	23.18	23.13	23.16	23		
5	64QAM	25	0	22.97	23.22	23.05	23.11	23.04		
5	256QAM	1	0	21.15	21.25	21.26	21.15	21.32	22	5
5	256QAM	1	12	21.23	21.18	21.14	21.15	21.18		
5	256QAM	1	24	21.11	21.13	21.16	21.10	21.05		
5	256QAM	12	0	21.07	21.03	20.97	21.08	21.13	22	5
5	256QAM	12	7	21.00	20.98	21.02	21.05	21.08		
5	256QAM	12	13	21.01	21.08	21.02	21.07	21.06		
5	256QAM	25	0	21.07	21.06	21.00	21.14	21.06		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.04	24.12	23.92	24.5	0
20	QPSK	1	49	24.01	24.08	24.06		
20	QPSK	1	99	23.99	24.06	24.06		
20	QPSK	50	0	23.09	23.14	23.12	23.5	1
20	QPSK	50	24	23.01	23.08	23.08		
20	QPSK	50	50	22.97	23.01	23.06		
20	QPSK	100	0	23.08	23.1	23.02		
20	16QAM	1	0	23.1	23.16	22.92	23.5	1
20	16QAM	1	49	23.18	23.25	23.2		
20	16QAM	1	99	23.16	23.23	23.08		
20	16QAM	50	0	22.09	22.08	21.93	22.5	2
20	16QAM	50	24	22.13	22.16	22.07		
20	16QAM	50	50	22.1	22.12	22.08		
20	16QAM	100	0	22.09	22.11	22.04		
20	64QAM	1	0	22.05	22.05	21.91	22.5	2
20	64QAM	1	49	22.08	22.08	21.98		
20	64QAM	1	99	22.07	22.12	21.98		
20	64QAM	50	0	21.09	21.08	20.92	21.5	3
20	64QAM	50	24	21.11	21.16	21.06		
20	64QAM	50	50	21.1	21.13	21.06		
20	64QAM	100	0	21.09	21.09	21.03		
20	256QAM	1	0	19.02	19.08	18.87	19.5	5
20	256QAM	1	49	19.03	19.06	18.90		
20	256QAM	1	99	19.01	19.06	18.84		
20	256QAM	50	0	18.98	19.04	18.88	19.5	5
20	256QAM	50	24	18.99	19.06	18.83		
20	256QAM	50	50	18.97	19.06	18.89		
20	256QAM	100	0	19.00	19.11	18.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.92	24.02	23.84	24.5	0
15	QPSK	1	37	23.87	24	23.97		
15	QPSK	1	74	23.83	23.92	23.96		
15	QPSK	36	0	22.98	23.04	23.01	23.5	1
15	QPSK	36	20	22.86	22.94	22.98		
15	QPSK	36	39	22.87	22.95	22.95		
15	QPSK	75	0	23.02	22.98	22.97		
15	16QAM	1	0	22.95	23.07	22.77	23.5	1
15	16QAM	1	37	23.08	23.18	23.06		
15	16QAM	1	74	23.07	23.15	22.94		
15	16QAM	36	0	22.01	21.92	21.77	22.5	2
15	16QAM	36	20	22.03	22.07	22.01		
15	16QAM	36	39	22	22.03	21.99		
15	16QAM	75	0	21.95	22.04	21.91		
15	64QAM	1	0	22	21.9	21.77	22.5	2
15	64QAM	1	37	21.97	21.98	21.93		
15	64QAM	1	74	21.95	21.98	21.83		
15	64QAM	36	0	20.98	20.98	20.81	21.5	3
15	64QAM	36	20	20.99	21.1	20.96		
15	64QAM	36	39	20.95	21.02	21.01		
15	64QAM	75	0	20.98	21.03	20.96		
15	256QAM	1	0	18.93	18.96	18.9	19.5	5
15	256QAM	1	37	18.99	18.92	18.91		
15	256QAM	1	74	18.99	18.96	18.99		
15	256QAM	36	0	18.93	18.92	18.91	19.5	5
15	256QAM	36	20	18.98	18.95	18.98		
15	256QAM	36	39	18.94	18.85	18.91		
15	256QAM	75	0	18.91	18.98	18.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.96	24.06	23.76	24.5	0
10	QPSK	1	25	23.9	23.96	23.99		
10	QPSK	1	49	23.84	23.95	23.94		
10	QPSK	25	0	22.97	23.03	23.07	23.5	1
10	QPSK	25	12	22.86	23.01	22.97		
10	QPSK	25	25	22.85	22.9	22.93		
10	QPSK	50	0	22.94	23	22.92		
10	16QAM	1	0	22.97	23.04	22.8	23.5	1
10	16QAM	1	25	23.1	23.19	23.13		
10	16QAM	1	49	23.03	23.11	23.03		
10	16QAM	25	0	22.04	21.95	21.78	22.5	2
10	16QAM	25	12	22.02	22.09	21.98		
10	16QAM	25	25	22.01	21.97	21.99		
10	16QAM	50	0	21.95	22.03	21.89		
10	64QAM	1	0	22	21.94	21.76	22.5	2
10	64QAM	1	25	21.97	22.03	21.84		
10	64QAM	1	49	22.01	22.02	21.93		
10	64QAM	25	0	21.02	20.99	20.79	21.5	3
10	64QAM	25	12	20.98	21	20.9		
10	64QAM	25	25	20.95	21	20.94		
10	64QAM	50	0	21.03	21	20.92		
10	256QAM	1	0	18.97	18.94	18.92	19.5	5
10	256QAM	1	25	19.02	18.97	18.94		
10	256QAM	1	49	18.99	18.97	18.94		
10	256QAM	25	0	18.97	18.96	18.94	19.5	5
10	256QAM	25	12	18.91	18.92	18.94		
10	256QAM	25	25	18.87	18.87	18.84		
10	256QAM	50	0	18.87	18.96	18.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.89	24	23.79	24.5	0
5	QPSK	1	12	23.87	23.99	23.94		
5	QPSK	1	24	23.92	23.92	23.92		
5	QPSK	12	0	22.97	23.04	22.96	23.5	1
5	QPSK	12	7	22.95	22.95	22.95		
5	QPSK	12	13	22.83	22.86	22.99		
5	QPSK	25	0	23.01	23.01	22.89		
5	16QAM	1	0	22.97	23.11	22.78	23.5	1
5	16QAM	1	12	23.04	23.16	23.06		
5	16QAM	1	24	23.06	23.08	22.94		
5	16QAM	12	0	21.93	21.95	21.77	22.5	2
5	16QAM	12	7	21.97	22.11	21.98		
5	16QAM	12	13	21.96	22.03	21.94		
5	16QAM	25	0	21.99	21.99	21.97		
5	64QAM	1	0	22	21.94	21.86	22.5	2
5	64QAM	1	12	22	21.96	21.84		
5	64QAM	1	24	22.02	21.99	21.85		
5	64QAM	12	0	20.96	21.02	20.85	21.5	3
5	64QAM	12	7	21.05	21.07	20.95		
5	64QAM	12	13	20.94	21.08	21		
5	64QAM	25	0	20.95	20.97	20.93		
5	256QAM	1	0	18.93	19.01	19.00	19.5	5
5	256QAM	1	12	19.00	18.91	18.94		
5	256QAM	1	24	18.96	18.92	18.99		
5	256QAM	12	0	18.97	18.85	18.95	19.5	5
5	256QAM	12	7	18.90	18.98	18.89		
5	256QAM	12	13	18.87	18.84	18.91		
5	256QAM	25	0	18.96	18.95	18.97		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.62	23.69	23.62	24.5	0
20	QPSK	1	49	23.58	23.57	23.59		
20	QPSK	1	99	23.57	23.56	23.58		
20	QPSK	50	0	22.47	22.58	22.41	23.5	1
20	QPSK	50	24	22.57	22.45	22.47		
20	QPSK	50	50	22.51	22.47	22.57		
20	QPSK	100	0	22.54	22.57	22.43		
20	16QAM	1	0	22.25	22.33	22.26	23.5	1
20	16QAM	1	49	22.24	22.25	22.24		
20	16QAM	1	99	22.2	22.23	22.24		
20	16QAM	50	0	21.4	21.46	21.51	22.5	2
20	16QAM	50	24	21.44	21.52	21.5		
20	16QAM	50	50	21.4	21.49	21.43		
20	16QAM	100	0	21.57	21.59	21.59		
20	64QAM	1	0	21.73	21.75	21.74	22.5	2
20	64QAM	1	49	21.67	21.75	21.66		
20	64QAM	1	99	21.71	21.73	21.64		
20	64QAM	50	0	20.45	20.53	20.48	21.5	3
20	64QAM	50	24	20.41	20.47	20.43		
20	64QAM	50	50	20.44	20.51	20.48		
20	64QAM	100	0	20.53	20.58	20.58		
20	256QAM	1	0	18.64	18.74	18.70	19.5	5
20	256QAM	1	49	18.62	18.69	18.59		
20	256QAM	1	99	18.66	18.75	18.64		
20	256QAM	50	0	18.44	18.55	18.53	19.5	5
20	256QAM	50	24	18.42	18.52	18.52		
20	256QAM	50	50	18.55	18.57	18.51		
20	256QAM	100	0	18.44	18.53	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.63	23.53	24.5	0
15	QPSK	1	37	23.44	23.51	23.43		
15	QPSK	1	74	23.5	23.4	23.44		
15	QPSK	36	0	22.34	22.44	22.33	23.5	1
15	QPSK	36	20	22.51	22.35	22.42		
15	QPSK	36	39	22.37	22.34	22.49		
15	QPSK	75	0	22.44	22.52	22.34		
15	16QAM	1	0	22.13	22.24	22.1	23.5	1
15	16QAM	1	37	22.17	22.18	22.12		
15	16QAM	1	74	22.13	22.11	22.16		
15	16QAM	36	0	21.26	21.31	21.4	22.5	2
15	16QAM	36	20	21.37	21.43	21.37		
15	16QAM	36	39	21.34	21.38	21.36		
15	16QAM	75	0	21.45	21.45	21.54		
15	64QAM	1	0	21.59	21.61	21.62	22.5	2
15	64QAM	1	37	21.62	21.59	21.58		
15	64QAM	1	74	21.59	21.59	21.53		
15	64QAM	36	0	20.33	20.41	20.39	21.5	3
15	64QAM	36	20	20.34	20.31	20.35		
15	64QAM	36	39	20.35	20.45	20.35		
15	64QAM	75	0	20.37	20.43	20.51		
15	256QAM	1	0	18.56	18.62	18.65	19.5	5
15	256QAM	1	37	18.55	18.55	18.5		
15	256QAM	1	74	18.58	18.66	18.55		
15	256QAM	36	0	18.34	18.44	18.46	19.5	5
15	256QAM	36	20	18.36	18.44	18.46		
15	256QAM	36	39	18.43	18.45	18.40		
15	256QAM	75	0	18.31	18.46	18.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.48	23.61	23.56	24.5	0
10	QPSK	1	25	23.48	23.5	23.53		
10	QPSK	1	49	23.47	23.49	23.45		
10	QPSK	25	0	22.32	22.52	22.3	23.5	1
10	QPSK	25	12	22.5	22.31	22.37		
10	QPSK	25	25	22.44	22.34	22.51		
10	QPSK	50	0	22.46	22.44	22.35		
10	16QAM	1	0	22.16	22.24	22.2	23.5	1
10	16QAM	1	25	22.12	22.15	22.18		
10	16QAM	1	49	22.14	22.09	22.09		
10	16QAM	25	0	21.26	21.3	21.46	22.5	2
10	16QAM	25	12	21.32	21.38	21.4		
10	16QAM	25	25	21.3	21.42	21.35		
10	16QAM	50	0	21.51	21.44	21.49		
10	64QAM	1	0	21.66	21.61	21.64	22.5	2
10	64QAM	1	25	21.56	21.67	21.6		
10	64QAM	1	49	21.55	21.66	21.57		
10	64QAM	25	0	20.37	20.48	20.41	21.5	3
10	64QAM	25	12	20.27	20.34	20.31		
10	64QAM	25	25	20.38	20.43	20.38		
10	64QAM	50	0	20.43	20.53	20.42		
10	256QAM	1	0	18.53	18.60	18.59	19.5	5
10	256QAM	1	25	18.50	18.54	18.44		
10	256QAM	1	49	18.57	18.61	18.57		
10	256QAM	25	0	18.39	18.43	18.43	19.5	5
10	256QAM	25	12	18.26	18.47	18.43		
10	256QAM	25	25	18.46	18.46	18.45		
10	256QAM	50	0	18.35	18.48	18.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.51	23.6	23.56	24.5	0
5	QPSK	1	12	23.51	23.46	23.46		
5	QPSK	1	24	23.41	23.48	23.5		
5	QPSK	12	0	22.38	22.51	22.35	23.5	1
5	QPSK	12	7	22.51	22.31	22.33		
5	QPSK	12	13	22.35	22.42	22.49		
5	QPSK	25	0	22.43	22.41	22.31		
5	16QAM	1	0	22.11	22.18	22.12	23.5	1
5	16QAM	1	12	22.13	22.13	22.19		
5	16QAM	1	24	22.08	22.18	22.18		
5	16QAM	12	0	21.35	21.32	21.38	22.5	2
5	16QAM	12	7	21.34	21.36	21.45		
5	16QAM	12	13	21.33	21.44	21.27		
5	16QAM	25	0	21.51	21.51	21.44		
5	64QAM	1	0	21.6	21.68	21.67	22.5	2
5	64QAM	1	12	21.58	21.69	21.6		
5	64QAM	1	24	21.63	21.66	21.53		
5	64QAM	12	0	20.4	20.43	20.33	21.5	3
5	64QAM	12	7	20.31	20.39	20.3		
5	64QAM	12	13	20.3	20.37	20.37		
5	64QAM	25	0	20.44	20.5	20.49		
5	256QAM	1	0	18.52	18.66	18.60	19.5	5
5	256QAM	1	12	18.48	18.55	18.51		
5	256QAM	1	24	18.54	18.68	18.59		
5	256QAM	12	0	18.35	18.49	18.40	19.5	5
5	256QAM	12	7	18.27	18.45	18.45		
5	256QAM	12	13	18.41	18.50	18.43		
5	256QAM	25	0	18.32	18.41	18.38		

Band 38_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.59	21.65	21.59	22.5	0
20	QPSK	1	49	21.64	21.64	21.56		
20	QPSK	1	99	21.56	21.59	21.56		
20	QPSK	50	0	21.45	21.58	21.45	22.5	0
20	QPSK	50	24	21.57	21.52	21.51		
20	QPSK	50	50	21.57	21.53	21.52		
20	QPSK	100	0	21.54	21.55	21.48		
20	16QAM	1	0	21.32	21.38	21.22	22.5	0
20	16QAM	1	49	21.1	21.26	21.17		
20	16QAM	1	99	21.29	21.35	21.23		
20	16QAM	50	0	20.93	21.03	20.97	21.5	1
20	16QAM	50	24	20.94	21.02	20.86		
20	16QAM	50	50	20.88	21.03	20.95		
20	16QAM	100	0	20.86	21.01	20.9		
20	64QAM	1	0	21.16	21.22	21.17	21.5	1
20	64QAM	1	49	21.15	21.24	21.11		
20	64QAM	1	99	21.06	21.17	21.11		
20	64QAM	50	0	20.17	20.24	20.18	20.5	2
20	64QAM	50	24	20.1	20.17	20.02		
20	64QAM	50	50	20.04	20.19	20.13		
20	64QAM	100	0	20.03	20.15	20.03		
20	256QAM	1	0	18.01	18.16	18.05	18.5	4
20	256QAM	1	49	18.02	18.15	18.08		
20	256QAM	1	99	17.99	18.13	18.00		
20	256QAM	50	0	17.96	18.08	17.97	18.5	4
20	256QAM	50	24	17.96	18.12	17.99		
20	256QAM	50	50	18.03	18.17	18.02		
20	256QAM	100	0	17.91	18.03	17.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.49	21.52	21.49	22.5	0
15	QPSK	1	37	21.48	21.49	21.44		
15	QPSK	1	74	21.42	21.44	21.46		
15	QPSK	36	0	21.32	21.44	21.29	22.5	0
15	QPSK	36	20	21.41	21.38	21.38		
15	QPSK	36	39	21.48	21.48	21.41		
15	QPSK	75	0	21.42	21.42	21.37		
15	16QAM	1	0	21.19	21.24	21.06	22.5	0
15	16QAM	1	37	20.96	21.2	21.03		
15	16QAM	1	74	21.18	21.26	21.1		
15	16QAM	36	0	20.79	20.91	20.82	21.5	1
15	16QAM	36	20	20.89	20.92	20.75		
15	16QAM	36	39	20.77	20.93	20.82		
15	16QAM	75	0	20.76	20.87	20.85		
15	64QAM	1	0	21.08	21.11	21.1	21.5	1
15	64QAM	1	37	21.08	21.13	21.05		
15	64QAM	1	74	20.94	21.02	20.99		
15	64QAM	36	0	20.07	20.08	20.02	20.5	2
15	64QAM	36	20	20.04	20.11	19.89		
15	64QAM	36	39	19.99	20.11	20.06		
15	64QAM	75	0	19.98	20.02	19.97		
15	256QAM	1	0	17.93	18.06	17.94	18.5	4
15	256QAM	1	37	17.89	18.04	17.96		
15	256QAM	1	74	17.93	18.07	17.92		
15	256QAM	36	0	17.88	18.02	17.85	18.5	4
15	256QAM	36	20	17.88	18.05	17.85		
15	256QAM	36	39	17.87	18.04	17.97		
15	256QAM	75	0	17.75	17.91	17.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.46	21.5	21.54	22.5	0
10	QPSK	1	25	21.54	21.59	21.47		
10	QPSK	1	49	21.48	21.46	21.43		
10	QPSK	25	0	21.37	21.48	21.3	22.5	0
10	QPSK	25	12	21.41	21.44	21.37		
10	QPSK	25	25	21.47	21.46	21.46		
10	QPSK	50	0	21.43	21.39	21.36		
10	16QAM	1	0	21.18	21.3	21.08	22.5	0
10	16QAM	1	25	21.02	21.1	21.11		
10	16QAM	1	49	21.19	21.29	21.15		
10	16QAM	25	0	20.82	20.89	20.91	21.5	1
10	16QAM	25	12	20.78	20.86	20.77		
10	16QAM	25	25	20.73	20.89	20.9		
10	16QAM	50	0	20.76	20.96	20.77		
10	64QAM	1	0	21.02	21.12	21.07	21.5	1
10	64QAM	1	25	21.07	21.09	20.96		
10	64QAM	1	49	21	21.09	21.04		
10	64QAM	25	0	20.06	20.15	20.1	20.5	2
10	64QAM	25	12	20.01	20.06	19.96		
10	64QAM	25	25	19.89	20.06	20.07		
10	64QAM	50	0	19.91	20.09	19.95		
10	256QAM	1	0	17.85	18.03	17.99	18.5	4
10	256QAM	1	25	17.91	18.07	18.02		
10	256QAM	1	49	17.90	18.00	17.89		
10	256QAM	25	0	17.83	17.95	17.92	18.5	4
10	256QAM	25	12	17.87	17.98	17.91		
10	256QAM	25	25	17.95	18.08	17.87		
10	256QAM	50	0	17.80	17.95	17.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.54	21.54	21.53	22.5	0
5	QPSK	1	12	21.59	21.48	21.49		
5	QPSK	1	24	21.47	21.53	21.46		
5	QPSK	12	0	21.35	21.46	21.36	22.5	0
5	QPSK	12	7	21.42	21.38	21.44		
5	QPSK	12	13	21.42	21.37	21.36		
5	QPSK	25	0	21.47	21.47	21.35		
5	16QAM	1	0	21.2	21.33	21.12	22.5	0
5	16QAM	1	12	20.99	21.17	21.1		
5	16QAM	1	24	21.19	21.27	21.18		
5	16QAM	12	0	20.88	20.88	20.86	21.5	1
5	16QAM	12	7	20.84	20.92	20.79		
5	16QAM	12	13	20.8	20.98	20.82		
5	16QAM	25	0	20.8	20.94	20.85		
5	64QAM	1	0	21.06	21.06	21.02	21.5	1
5	64QAM	1	12	21.03	21.16	21.03		
5	64QAM	1	24	21.01	21.01	20.95		
5	64QAM	12	0	20.05	20.17	20.13	20.5	2
5	64QAM	12	7	19.97	20.04	19.96		
5	64QAM	12	13	19.95	20.14	20.04		
5	64QAM	25	0	19.87	20.05	19.92		
5	256QAM	1	0	17.91	18.09	17.94	18.5	4
5	256QAM	1	12	17.87	18.10	18.02		
5	256QAM	1	24	17.91	18.06	17.87		
5	256QAM	12	0	17.88	17.98	17.88	18.5	4
5	256QAM	12	7	17.82	17.98	17.94		
5	256QAM	12	13	17.93	18.03	17.97		
5	256QAM	25	0	17.77	17.97	17.82		

Band 41_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.19	24.21	24.14	24.06	24.11	25	0
20	QPSK	1	49	24.13	23.91	24.04	23.79	23.84		
20	QPSK	1	99	24.05	23.88	23.93	23.75	23.81		
20	QPSK	50	0	23.1	23.12	22.87	22.87	22.77	24	1
20	QPSK	50	24	23.05	23.01	22.85	22.85	22.67		
20	QPSK	50	50	22.98	22.64	22.78	22.85	22.64		
20	QPSK	100	0	23.09	23.11	22.89	22.84	22.75		
20	16QAM	1	0	22.73	22.91	22.99	22.97	22.81	24	1
20	16QAM	1	49	23.11	22.85	22.64	22.66	22.86		
20	16QAM	1	99	23.1	22.67	22.89	22.99	22.97		
20	16QAM	50	0	21.91	21.91	21.8	21.87	21.73	23	2
20	16QAM	50	24	22.07	22.11	21.83	21.9	21.66		
20	16QAM	50	50	22.06	21.96	21.92	21.89	21.75		
20	16QAM	100	0	22.06	22.03	21.95	21.75	21.75		
20	64QAM	1	0	21.81	22.05	21.61	21.64	21.88	23	2
20	64QAM	1	49	21.86	22.06	21.74	22.06	21.76		
20	64QAM	1	99	21.95	22.07	21.79	21.83	21.73		
20	64QAM	50	0	21.06	20.94	20.93	20.79	20.64	22	3
20	64QAM	50	24	21.07	21.04	20.79	20.84	20.72		
20	64QAM	50	50	21	21.07	21.03	20.86	20.74		
20	64QAM	100	0	21.08	21.02	20.96	20.84	20.79		
20	256QAM	1	0	18.96	18.95	18.92	18.93	18.99	20	5
20	256QAM	1	49	18.96	18.91	18.97	18.95	19.02		
20	256QAM	1	99	18.92	18.95	18.92	18.90	18.89		
20	256QAM	50	0	18.88	18.86	18.93	18.88	18.91	20	5
20	256QAM	50	24	18.90	18.97	18.97	18.89	18.89		
20	256QAM	50	50	18.85	18.89	18.92	18.87	18.96		
20	256QAM	100	0	18.95	18.90	18.88	18.95	18.99		
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	23.83	23.8	23.82	23.79	23.64	25.00	0
15	QPSK	1	37	23.95	24.06	23.83	23.84	23.65		
15	QPSK	1	74	23.8	23.85	23.75	23.91	23.64		
15	QPSK	36	0	22.96	23.13	22.86	22.8	22.69	24	1
15	QPSK	36	20	23.03	23.05	22.98	22.83	22.65		
15	QPSK	36	39	22.99	23.05	22.92	22.86	22.69		
15	QPSK	75	0	22.99	23.08	22.89	22.75	22.66		
15	16QAM	1	0	22.78	22.91	23.08	22.67	22.85	24	1
15	16QAM	1	37	22.6	23.01	23.07	22.8	22.92		
15	16QAM	1	74	22.93	22.97	22.8	22.79	23.07		
15	16QAM	36	0	22.01	22.05	21.79	21.82	21.65	23	2
15	16QAM	36	20	22.06	22.14	21.86	21.85	21.64		
15	16QAM	36	39	21.99	22.05	21.91	21.91	21.7		
15	16QAM	75	0	21.97	22.12	21.95	21.78	21.71		
15	64QAM	1	0	21.99	21.64	21.71	21.8	21.71	23	2
15	64QAM	1	37	21.75	21.61	21.87	22.01	21.71		
15	64QAM	1	74	21.72	22.07	21.92	22.02	21.73		
15	64QAM	36	0	20.92	21.01	20.84	20.78	20.74	22	3
15	64QAM	36	20	21.05	21.07	20.88	20.86	20.76		
15	64QAM	36	39	21	21.04	20.94	20.9	20.74		
15	64QAM	75	0	21.02	21.1	20.93	20.75	20.74		
15	256QAM	1	0	19.00	18.91	19.01	18.95	18.99	20	5
15	256QAM	1	37	18.95	18.95	18.98	18.93	18.97		
15	256QAM	1	74	18.92	18.92	18.97	18.98	18.98		
15	256QAM	36	0	18.91	18.91	18.89	18.85	18.86	20	5
15	256QAM	36	20	18.91	18.94	18.98	18.87	18.94		
15	256QAM	36	39	18.86	18.85	18.87	18.92	18.84		
15	256QAM	75	0	18.98	18.89	18.94	18.88	18.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.12	23.9	24.14	23.74	25.00	0
10	QPSK	1	25	24.12	24.04	23.97	23.96	23.84		
10	QPSK	1	49	23.99	23.98	23.97	24.12	23.88		
10	QPSK	25	0	23.13	23.14	23.04	22.91	22.86	24	1
10	QPSK	25	12	23.11	23.11	23.08	22.95	22.96		
10	QPSK	25	25	23.09	23.2	23.12	23.08	22.9		
10	QPSK	50	0	23.23	23.13	23.1	22.99	22.86		
10	16QAM	1	0	23.04	23.08	22.66	22.82	23.04	24	1
10	16QAM	1	25	22.85	23.06	23.08	22.89	23.06		
10	16QAM	1	49	23.05	23.03	22.92	22.97	22.74		
10	16QAM	25	0	22.18	22.09	21.93	21.98	21.75	23	2
10	16QAM	25	12	22.2	22.24	22.05	22.11	21.98		
10	16QAM	25	25	22.1	22.16	22.06	22.06	21.93		
10	16QAM	50	0	22.19	22.22	22.1	22.11	21.98		
10	64QAM	1	0	21.64	22.1	22.08	21.82	21.72	23	2
10	64QAM	1	25	21.77	22	22.09	22.11	21.63		
10	64QAM	1	49	22.08	21.85	22.05	21.7	21.77		
10	64QAM	25	0	21.1	21.14	20.95	20.95	20.87	22	3
10	64QAM	25	12	21.2	21.25	21.02	21.1	20.79		
10	64QAM	25	25	21.2	21.19	21.02	21.06	20.96		
10	64QAM	50	0	21.14	21.22	21.12	21.06	20.9		
10	256QAM	1	0	19.00	19.00	18.96	18.93	18.99	20	5
10	256QAM	1	25	19.01	18.95	19.00	18.95	18.98		
10	256QAM	1	49	18.95	18.97	18.92	18.92	18.95		
10	256QAM	25	0	18.96	18.85	18.93	18.91	18.94	20	5
10	256QAM	25	12	18.87	18.90	18.88	18.96	18.89		
10	256QAM	25	25	18.92	18.86	18.93	18.85	18.89		
10	256QAM	50	0	18.88	18.90	18.93	18.89	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	23.99	24.07	23.84	23.69	23.88	25.00	0
5	QPSK	1	12	24.16	24.16	23.99	23.95	23.96		
5	QPSK	1	24	23.93	23.99	23.89	23.95	23.92		
5	QPSK	12	0	23.12	23.21	23.01	22.93	22.93	24	1
5	QPSK	12	7	23.18	23.13	23.07	23.06	22.85		
5	QPSK	12	13	23.21	23.22	23.05	22.94	22.96		
5	QPSK	25	0	23.1	23.18	23.02	23.02	22.85		
5	16QAM	1	0	22.83	23.06	22.9	22.7	22.86	24	1
5	16QAM	1	12	23.05	23.07	23.09	22.72	22.98		
5	16QAM	1	24	22.7	23.09	23	22.94	22.81		
5	16QAM	12	0	22.2	22.11	22.02	22.03	21.93	23	2
5	16QAM	12	7	22.13	22.13	21.95	21.96	21.9		
5	16QAM	12	13	22.16	22.2	22	22.01	21.94		
5	16QAM	25	0	22.1	22.11	21.99	21.95	21.89		
5	64QAM	1	0	22.08	21.99	21.64	21.78	21.78	23	2
5	64QAM	1	12	21.87	22	21.66	21.75	22.09		
5	64QAM	1	24	21.85	22.03	21.66	22.06	21.97		
5	64QAM	12	0	20.94	21.2	21.01	20.95	21.02	22	3
5	64QAM	12	7	21.14	21.21	20.99	20.95	20.91		
5	64QAM	12	13	21.06	21.18	20.95	20.9	21.14		
5	64QAM	25	0	21.2	21.16	21.03	20.95	20.82		
5	256QAM	1	0	18.89	19.00	18.90	18.89	18.94	20	5
5	256QAM	1	12	18.98	18.97	18.92	18.97	18.95		
5	256QAM	1	24	18.92	18.90	18.95	18.93	18.90		
5	256QAM	12	0	18.86	18.92	18.96	18.92	18.91	20	5
5	256QAM	12	7	18.98	18.98	18.87	18.92	18.86		
5	256QAM	12	13	18.88	18.93	18.84	18.89	18.94		
5	256QAM	25	0	18.99	18.95	18.89	18.88	18.91		

Band 41 HPUE_ANT 2

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	26.26	26.27	25.93	26.11	26.11	27	0
20	QPSK	1	49	26.22	25.96	25.93	25.96	25.84		
20	QPSK	1	99	26.18	25.95	26.04	25.82	25.78		
20	QPSK	50	0	25.23	25.25	25.03	24.99	24.92	26	1
20	QPSK	50	24	25.17	25.13	24.98	24.91	24.88		
20	QPSK	50	50	25.15	25.07	24.93	24.89	24.81		
20	QPSK	100	0	25.19	25.2	24.99	24.9	24.91		
20	16QAM	1	0	25.17	25.08	25.29	24.91	25.17	26	1
20	16QAM	1	49	25.28	25.21	25.19	25.21	24.97		
20	16QAM	1	99	25	25.27	25.07	25.24	24.96		
20	16QAM	50	0	24.25	24.16	23.95	23.94	23.92	25	2
20	16QAM	50	24	24.14	24.32	23.99	23.98	23.98		
20	16QAM	50	50	24.11	24.12	24.1	24.02	23.91		
20	16QAM	100	0	24.11	24.17	24.06	23.99	23.9		
20	64QAM	1	0	24.28	24.29	24.2	23.94	24.06	25	2
20	64QAM	1	49	24.35	23.97	24.1	24.1	23.9		
20	64QAM	1	99	24.04	24.18	24.11	24.38	23.99		
20	64QAM	50	0	23.14	23.01	22.98	22.93	22.83	24	3
20	64QAM	50	24	23.15	23.17	22.89	22.89	22.71		
20	64QAM	50	50	23.16	23.14	22.99	23.01	22.86		
20	64QAM	100	0	23.11	23.1	23.05	22.9	22.94		
20	256QAM	1	0	21.18	21.21	21.16	21.14	21.15	22	5
20	256QAM	1	49	21.24	21.22	21.20	21.18	21.10		
20	256QAM	1	99	21.23	21.24	21.12	21.23	21.20		
20	256QAM	50	0	21.23	21.18	21.09	21.08	21.08	22	5
20	256QAM	50	24	21.17	21.20	21.10	21.12	21.07		
20	256QAM	50	50	21.20	21.23	21.18	21.10	21.11		
20	256QAM	100	0	21.21	21.26	21.21	21.20	21.20		
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	25.84	25.99	25.81	25.76	25.65	27	0
15	QPSK	1	37	25.8	25.89	25.77	25.87	25.66		
15	QPSK	1	74	25.85	26.08	25.74	25.62	25.75		
15	QPSK	36	0	25.1	25.14	24.95	24.87	24.82	26	1
15	QPSK	36	20	25.2	25.11	25.06	24.92	24.81		
15	QPSK	36	39	25.16	25.17	25.1	25.04	24.85		
15	QPSK	75	0	25.13	25.13	24.99	24.91	24.77		
15	16QAM	1	0	25.27	25.22	24.93	25.03	24.99	26	1
15	16QAM	1	37	25.29	25.25	25.24	24.92	25.12		
15	16QAM	1	74	25.23	25.27	25.05	25.09	24.98		
15	16QAM	36	0	24.2	24.18	23.94	23.94	23.87	25	2
15	16QAM	36	20	24.2	24.21	23.97	23.99	23.77		
15	16QAM	36	39	24.08	24.22	23.96	23.96	23.83		
15	16QAM	75	0	24.25	24.15	24.22	23.99	23.8		
15	64QAM	1	0	24.22	24.17	23.97	24.2	23.96	25	2
15	64QAM	1	37	24.18	24.18	23.96	23.95	23.94		
15	64QAM	1	74	24.14	24.17	24.12	24.08	23.93		
15	64QAM	36	0	23.11	23.11	22.86	22.92	22.84	24	3
15	64QAM	36	20	23.15	23.17	23.1	22.85	22.89		
15	64QAM	36	39	23.07	23.16	23.22	23.16	22.85		
15	64QAM	75	0	23.18	23.22	23.06	22.84	22.81		
15	256QAM	1	0	21.20	21.14	21.18	21.14	21.18	22	5
15	256QAM	1	37	21.15	21.17	21.12	21.18	21.21		
15	256QAM	1	74	21.20	21.21	21.19	21.21	21.21		
15	256QAM	36	0	21.16	21.14	21.05	21.05	21.15	22	5
15	256QAM	36	20	21.19	21.12	21.13	21.16	21.12		
15	256QAM	36	39	21.15	21.13	21.19	21.14	21.14		
15	256QAM	75	0	21.17	21.18	21.22	21.22	21.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.08	26.2	26.03	26.04	25.86	27	0
10	QPSK	1	25	26.13	26.19	26.17	26.18	25.86		
10	QPSK	1	49	26.06	26.15	26	25.96	25.89		
10	QPSK	25	0	25.32	25.27	25.01	25.06	24.95	26	1
10	QPSK	25	12	25.3	25.34	25.17	25.21	25.07		
10	QPSK	25	25	25.21	25.23	25.19	25.12	25.03		
10	QPSK	50	0	25.24	25.3	25.19	25.08	25		
10	16QAM	1	0	25.12	25.15	25.1	25.1	25.04	26	1
10	16QAM	1	25	25.13	25.14	25.1	25.17	25.19		
10	16QAM	1	49	25.1	25.17	25.17	25.19	25.09		
10	16QAM	25	0	24.3	24.29	23.88	24.02	23.95	25	2
10	16QAM	25	12	24.32	24.36	24.13	24.12	23.97		
10	16QAM	25	25	24.23	24.37	24.13	24.18	24.07		
10	16QAM	50	0	24.3	24.26	24.15	24.16	24.03		
10	64QAM	1	0	24.13	24.15	24.15	23.94	24.23	25	2
10	64QAM	1	25	24.18	24.16	24.2	24.24	24.26		
10	64QAM	1	49	24.26	24.15	24.14	24.18	24.04		
10	64QAM	25	0	23.26	23.27	23.1	23.07	22.87	24	3
10	64QAM	25	12	23.3	23.35	23.22	23.15	23.02		
10	64QAM	25	25	23.23	23.3	23.15	23.16	23.04		
10	64QAM	50	0	23.32	23.28	23.16	23.08	22.93		
10	256QAM	1	0	21.16	21.20	21.10	21.14	21.20	22	5
10	256QAM	1	25	21.19	21.10	21.20	21.17	21.16		
10	256QAM	1	49	21.17	21.17	21.22	21.21	21.21		
10	256QAM	25	0	21.16	21.14	21.13	21.10	21.16	22	5
10	256QAM	25	12	21.10	21.12	21.09	21.10	21.17		
10	256QAM	25	25	21.15	21.11	21.20	21.15	21.22		
10	256QAM	50	0	21.15	21.18	21.19	21.22	21.15		
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	26.1	26.12	26.05	25.95	25.96	27.00	0
5	QPSK	1	12	26.23	26.16	25.95	26.15	26.16		
5	QPSK	1	24	26.17	26.23	26.14	26.12	25.94		
5	QPSK	12	0	25.27	25.29	25.19	25.04	24.98	26	1
5	QPSK	12	7	25.25	25.24	25.16	25.19	25.05		
5	QPSK	12	13	25.26	25.23	25.09	25.1	25.1		
5	QPSK	25	0	25.23	25.31	25.08	25.12	24.86		
5	16QAM	1	0	25.21	25.29	25.17	25.28	25.22	26	1
5	16QAM	1	12	25.25	25.24	25.53	25.21	25.27		
5	16QAM	1	24	25.52	25.26	25.29	25.2	25.25		
5	16QAM	12	0	24.23	24.3	24.11	24.14	24.06	25	2
5	16QAM	12	7	24.31	24.44	24.19	24.1	24.03		
5	16QAM	12	13	24.25	24.23	24.23	24.2	24.03		
5	16QAM	25	0	24.28	24.18	24.16	24.09	23.98		
5	64QAM	1	0	24.38	24.27	24.44	24.14	24.08	25	2
5	64QAM	1	12	24.47	24.39	24.36	24.38	24.17		
5	64QAM	1	24	24.41	24.13	24.09	24.29	24.27		
5	64QAM	12	0	23.37	23.31	23.12	23.21	23.09	24	3
5	64QAM	12	7	23.34	23.26	23.16	23.09	23.1		
5	64QAM	12	13	23.21	23.16	23.15	23.14	23.12		
5	64QAM	25	0	23.22	23.36	23.14	23.08	23.07		
5	256QAM	1	0	21.12	21.10	21.18	21.17	21.17	22	5
5	256QAM	1	12	21.14	21.19	21.17	21.13	21.09		
5	256QAM	1	24	21.22	21.17	21.22	21.11	21.16		
5	256QAM	12	0	21.07	21.08	21.17	21.13	21.06	22	5
5	256QAM	12	7	21.19	21.10	21.19	21.16	21.07		
5	256QAM	12	13	21.15	21.14	21.14	21.10	21.18		
5	256QAM	25	0	21.16	21.25	21.20	21.20	21.19		

Band 41_ANT 5

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	23.44	23.58	23.25	23.36	23.27	25	0
20	QPSK	1	49	23.36	23.37	23.32	23.32	23.29		
20	QPSK	1	99	23.45	23.36	23.33	23.28	23.24		
20	QPSK	50	0	22.92	22.97	22.82	22.8	22.84	24.5	0.5
20	QPSK	50	24	22.82	22.91	22.75	22.78	22.81		
20	QPSK	50	50	22.79	22.74	22.66	22.72	22.6		
20	QPSK	100	0	22.73	22.87	22.72	22.73	22.78		
20	16QAM	1	0	22.86	22.88	22.77	22.79	22.87	24.5	0.5
20	16QAM	1	49	22.71	22.68	22.67	22.58	22.62		
20	16QAM	1	99	22.83	22.79	22.78	22.74	22.75		
20	16QAM	50	0	21.03	21.05	20.85	20.97	20.92	23.5	1.5
20	16QAM	50	24	21.1	21.07	21	20.91	20.92		
20	16QAM	50	50	21.15	21.04	20.9	21.07	20.92		
20	16QAM	100	0	21.14	21.14	20.95	20.96	20.98		
20	64QAM	1	0	21.93	22	21.86	21.84	21.87	23.5	1.5
20	64QAM	1	49	21.84	21.8	21.81	21.81	21.63		
20	64QAM	1	99	21.64	21.67	21.57	21.64	21.54		
20	64QAM	50	0	20.96	20.99	20.9	20.92	20.95	22.5	2.5
20	64QAM	50	24	21.11	21.09	21.01	21.03	20.95		
20	64QAM	50	50	20.99	21	20.94	21	20.98		
20	64QAM	100	0	21.02	21.03	20.9	20.8	20.85		
20	256QAM	1	0	19.08	19.07	18.99	18.94	18.91	20.5	4.5
20	256QAM	1	49	19.07	19.08	19.07	19.01	19.08		
20	256QAM	1	99	18.95	18.97	18.92	18.88	18.88		
20	256QAM	50	0	19.03	19.04	18.95	19.00	18.92	20.5	4.5
20	256QAM	50	24	19.03	19.16	19.03	18.96	18.94		
20	256QAM	50	50	19.07	19.01	18.96	19.03	18.92		
20	256QAM	100	0	18.99	19.03	18.97	18.86	18.94		
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	23.36	23.5	23.24	23.32	23.16	25	0
15	QPSK	1	37	23.25	23.34	23.3	23.3	23.17		
15	QPSK	1	74	23.4	23.25	23.25	23.26	23.22		
15	QPSK	36	0	22.89	22.9	22.71	22.78	22.75	24.5	0.5
15	QPSK	36	20	22.77	22.85	22.74	22.71	22.8		
15	QPSK	36	39	22.72	22.73	22.57	22.64	22.5		
15	QPSK	75	0	22.66	22.86	22.63	22.71	22.69		
15	16QAM	1	0	22.74	22.86	22.7	22.7	22.84	24.5	0.5
15	16QAM	1	37	22.7	22.59	22.6	22.46	22.58		
15	16QAM	1	74	22.71	22.76	22.74	22.64	22.71		
15	16QAM	36	0	20.93	20.96	20.75	20.95	20.84	23.5	1.5
15	16QAM	36	20	21.01	20.95	20.96	20.85	20.86		
15	16QAM	36	39	21.08	21	20.85	21.03	20.83		
15	16QAM	75	0	21.1	21.1	20.85	20.87	20.87		
15	64QAM	1	0	21.89	21.9	21.76	21.8	21.79	23.5	1.5
15	64QAM	1	37	21.78	21.76	21.71	21.78	21.52		
15	64QAM	1	74	21.56	21.63	21.51	21.53	21.51		
15	64QAM	36	0	20.84	20.97	20.81	20.89	20.87	22.5	2.5
15	64QAM	36	20	21.06	21	20.97	20.92	20.9		
15	64QAM	36	39	20.9	20.88	20.82	20.97	20.9		
15	64QAM	75	0	20.96	20.97	20.86	20.72	20.81		
15	256QAM	1	0	19.03	18.96	18.92	18.93	18.84	20.5	4.5
15	256QAM	1	37	19.01	18.98	19.02	18.91	18.98		
15	256QAM	1	74	18.91	18.95	18.83	18.80	18.86		
15	256QAM	36	0	18.92	18.99	18.88	18.90	18.90	20.5	4.5
15	256QAM	36	20	18.97	19.15	18.94	18.95	18.92		
15	256QAM	36	39	19.02	18.98	18.91	18.91	18.80		
15	256QAM	75	0	18.90	18.95	18.88	18.84	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.55	23.21	23.26	23.26	25	0
10	QPSK	1	25	23.26	23.26	23.24	23.3	23.17		
10	QPSK	1	49	23.38	23.26	23.26	23.2	23.19		
10	QPSK	25	0	22.8	22.96	22.76	22.77	22.75	24.5	0.5
10	QPSK	25	12	22.8	22.8	22.64	22.77	22.79		
10	QPSK	25	25	22.67	22.7	22.54	22.65	22.58		
10	QPSK	50	0	22.71	22.75	22.66	22.71	22.74		
10	16QAM	1	0	22.78	22.76	22.7	22.73	22.85	24.5	0.5
10	16QAM	1	25	22.62	22.57	22.58	22.51	22.54		
10	16QAM	1	49	22.72	22.76	22.73	22.7	22.72		
10	16QAM	25	0	20.96	20.98	20.76	20.85	20.84	23.5	1.5
10	16QAM	25	12	20.98	20.98	20.94	20.85	20.8		
10	16QAM	25	25	21.07	20.94	20.82	21	20.85		
10	16QAM	50	0	21.03	21.07	20.84	20.88	20.88		
10	64QAM	1	0	21.9	21.98	21.76	21.76	21.81	23.5	1.5
10	64QAM	1	25	21.79	21.7	21.77	21.7	21.61		
10	64QAM	1	49	21.54	21.58	21.56	21.53	21.51		
10	64QAM	25	0	20.86	20.93	20.8	20.86	20.84	22.5	2.5
10	64QAM	25	12	21.05	21.08	20.93	20.96	20.93		
10	64QAM	25	25	20.94	20.9	20.9	20.92	20.93		
10	64QAM	50	0	20.98	20.93	20.8	20.76	20.74		
10	256QAM	1	0	19.03	19.04	18.89	18.93	18.83	20.5	4.5
10	256QAM	1	25	19.00	19.05	18.97	18.96	18.96		
10	256QAM	1	49	18.90	18.88	18.85	18.87	18.76		
10	256QAM	25	0	18.94	19.00	18.83	18.93	18.83	20.5	4.5
10	256QAM	25	12	19.01	19.12	19.01	18.93	18.89		
10	256QAM	25	25	18.97	18.98	18.93	19.01	18.86		
10	256QAM	50	0	18.87	18.91	18.89	18.75	18.87		
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	23.33	23.46	23.23	23.31	23.18	25	0
5	QPSK	1	12	23.31	23.32	23.29	23.2	23.28		
5	QPSK	1	24	23.36	23.35	23.26	23.18	23.14		
5	QPSK	12	0	22.85	22.95	22.73	22.75	22.79	24.5	0.5
5	QPSK	12	7	22.81	22.88	22.72	22.67	22.69		
5	QPSK	12	13	22.73	22.71	22.56	22.7	22.56		
5	QPSK	25	0	22.69	22.77	22.71	22.69	22.77		
5	16QAM	1	0	22.82	22.87	22.67	22.67	22.75	24.5	0.5
5	16QAM	1	12	22.62	22.62	22.59	22.52	22.61		
5	16QAM	1	24	22.78	22.75	22.72	22.69	22.64		
5	16QAM	12	0	20.91	21.03	20.82	20.89	20.8	23.5	1.5
5	16QAM	12	7	21.06	21.05	20.95	20.89	20.84		
5	16QAM	12	13	21.11	20.93	20.89	21.02	20.9		
5	16QAM	25	0	21.13	21.06	20.87	20.92	20.97		
5	64QAM	1	0	21.86	21.89	21.75	21.81	21.76	23.5	1.5
5	64QAM	1	12	21.77	21.77	21.73	21.7	21.52		
5	64QAM	1	24	21.56	21.66	21.45	21.62	21.46		
5	64QAM	12	0	20.91	20.92	20.87	20.9	20.86	22.5	2.5
5	64QAM	12	7	21.08	21.08	20.92	20.99	20.84		
5	64QAM	12	13	20.95	20.99	20.87	20.94	20.91		
5	64QAM	25	0	20.95	20.98	20.79	20.69	20.84		
5	256QAM	1	0	18.99	18.99	18.96	18.90	18.87	20.5	4.5
5	256QAM	1	12	18.96	18.98	18.95	18.89	18.96		
5	256QAM	1	24	18.89	18.95	18.80	18.87	18.84		
5	256QAM	12	0	18.95	19.00	18.92	18.92	18.85	20.5	4.5
5	256QAM	12	7	19.01	19.15	18.93	18.87	18.88		
5	256QAM	12	13	19.04	18.91	18.88	18.93	18.85		
5	256QAM	25	0	18.96	18.94	18.92	18.82	18.85		

Band 41_ANT 6

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	23.46	23.64	23.5	23.39	23.49	24.5	0
20	QPSK	1	49	23.49	23.46	23.55	23.47	23.57		
20	QPSK	1	99	23.47	23.5	23.53	23.48	23.46		
20	QPSK	50	0	22.93	23.06	23	23.02	22.9	24	0.5
20	QPSK	50	24	22.94	22.94	23.01	23.02	22.92		
20	QPSK	50	50	22.96	22.98	22.96	23.02	22.93		
20	QPSK	100	0	22.94	23.02	22.92	22.99	22.97		
20	16QAM	1	0	23.05	22.93	23.04	22.95	22.94	24	0.5
20	16QAM	1	49	22.83	22.89	22.89	23.02	22.86		
20	16QAM	1	99	23.03	22.87	23.06	22.91	22.95		
20	16QAM	50	0	22.32	22.2	22.3	22.32	22.33	23	1.5
20	16QAM	50	24	22.26	22.34	22.37	22.27	22.36		
20	16QAM	50	50	22.31	22.34	22.39	22.37	22.36		
20	16QAM	100	0	22.4	22.27	22.32	22.36	22.33		
20	64QAM	1	0	22.52	22.34	22.46	22.44	22.47	23	1.5
20	64QAM	1	49	22.4	22.31	22.37	22.39	22.4		
20	64QAM	1	99	22.24	22.32	22.38	22.33	22.36		
20	64QAM	50	0	21.32	21.31	21.26	21.24	21.4	22	2.5
20	64QAM	50	24	21.36	21.25	21.4	21.33	21.31		
20	64QAM	50	50	21.21	21.28	21.31	21.28	21.24		
20	64QAM	100	0	21.39	21.38	21.49	21.39	21.37		
20	256QAM	1	0	19.27	19.22	19.33	19.32	19.27	20	4.5
20	256QAM	1	49	19.30	19.25	19.27	19.26	19.32		
20	256QAM	1	99	19.31	19.19	19.27	19.30	19.23		
20	256QAM	50	0	19.21	19.17	19.21	19.27	19.22	20	4.5
20	256QAM	50	24	19.31	19.23	19.37	19.22	19.25		
20	256QAM	50	50	19.28	19.26	19.25	19.26	19.34		
20	256QAM	100	0	19.27	19.26	19.27	19.24	19.15		
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	23.38	23.58	23.45	23.35	23.42	24.5	0
15	QPSK	1	37	23.45	23.41	23.48	23.37	23.5		
15	QPSK	1	74	23.38	23.41	23.5	23.38	23.42		
15	QPSK	36	0	22.86	22.95	22.96	22.96	22.88	24	0.5
15	QPSK	36	20	22.91	22.87	22.94	22.96	22.84		
15	QPSK	36	39	22.92	22.87	22.86	22.95	22.9		
15	QPSK	75	0	22.86	22.97	22.91	22.9	22.9		
15	16QAM	1	0	23.04	22.81	22.94	22.92	22.82	24	0.5
15	16QAM	1	37	22.8	22.83	22.81	22.95	22.77		
15	16QAM	1	74	22.97	22.77	23.01	22.8	22.86		
15	16QAM	36	0	22.27	22.13	22.22	22.26	22.26	23	1.5
15	16QAM	36	20	22.22	22.25	22.32	22.17	22.3		
15	16QAM	36	39	22.26	22.23	22.29	22.35	22.3		
15	16QAM	75	0	22.37	22.18	22.28	22.35	22.32		
15	64QAM	1	0	22.48	22.27	22.4	22.4	22.45	23	1.5
15	64QAM	1	37	22.36	22.23	22.25	22.32	22.38		
15	64QAM	1	74	22.18	22.26	22.34	22.21	22.35		
15	64QAM	36	0	21.27	21.24	21.25	21.14	21.35	22	2.5
15	64QAM	36	20	21.34	21.2	21.31	21.28	21.25		
15	64QAM	36	39	21.09	21.21	21.21	21.17	21.13		
15	64QAM	75	0	21.32	21.26	21.48	21.27	21.34		
15	256QAM	1	0	19.26	19.12	19.24	19.20	19.17	20	4.5
15	256QAM	1	37	19.24	19.15	19.23	19.14	19.29		
15	256QAM	1	74	19.19	19.11	19.19	19.29	19.14		
15	256QAM	36	0	19.10	19.14	19.17	19.17	19.21	20	4.5
15	256QAM	36	20	19.19	19.17	19.32	19.19	19.15		
15	256QAM	36	39	19.16	19.19	19.14	19.16	19.29		
15	256QAM	75	0	19.18	19.20	19.17	19.16	19.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.6	23.49	23.37	23.44	24.5	0
10	QPSK	1	25	23.37	23.45	23.49	23.45	23.54		
10	QPSK	1	49	23.41	23.45	23.44	23.37	23.37		
10	QPSK	25	0	22.9	23.02	22.95	22.98	22.89	24	0.5
10	QPSK	25	12	22.9	22.91	22.96	23.01	22.85		
10	QPSK	25	25	22.93	22.92	22.85	22.92	22.92		
10	QPSK	50	0	22.92	22.96	22.9	22.87	22.9		
10	16QAM	1	0	23.01	22.91	23	22.94	22.88	24	0.5
10	16QAM	1	25	22.71	22.86	22.8	22.99	22.76		
10	16QAM	1	49	23	22.8	22.98	22.89	22.86		
10	16QAM	25	0	22.26	22.19	22.24	22.26	22.3	23	1.5
10	16QAM	25	12	22.25	22.27	22.26	22.21	22.24		
10	16QAM	25	25	22.21	22.23	22.31	22.27	22.33		
10	16QAM	50	0	22.37	22.25	22.26	22.29	22.26		
10	64QAM	1	0	22.4	22.24	22.43	22.38	22.44	23	1.5
10	64QAM	1	25	22.28	22.26	22.34	22.33	22.33		
10	64QAM	1	49	22.13	22.27	22.37	22.32	22.26		
10	64QAM	25	0	21.2	21.27	21.23	21.22	21.32	22	2.5
10	64QAM	25	12	21.29	21.19	21.3	21.3	21.23		
10	64QAM	25	25	21.19	21.25	21.21	21.26	21.15		
10	64QAM	50	0	21.31	21.37	21.46	21.27	21.31		
10	256QAM	1	0	19.16	19.11	19.23	19.22	19.25	20	4.5
10	256QAM	1	25	19.22	19.20	19.20	19.25	19.27		
10	256QAM	1	49	19.21	19.18	19.25	19.18	19.18		
10	256QAM	25	0	19.20	19.13	19.12	19.24	19.14	20	4.5
10	256QAM	25	12	19.21	19.12	19.28	19.20	19.17		
10	256QAM	25	25	19.21	19.22	19.17	19.20	19.23		
10	256QAM	50	0	19.16	19.14	19.18	19.20	19.05		
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	23.35	23.58	23.4	23.29	23.47	24.5	0
5	QPSK	1	12	23.43	23.43	23.5	23.35	23.51		
5	QPSK	1	24	23.37	23.46	23.51	23.46	23.36		
5	QPSK	12	0	22.9	22.99	22.88	22.98	22.89	24	0.5
5	QPSK	12	7	22.87	22.84	22.95	22.95	22.87		
5	QPSK	12	13	22.88	22.95	22.84	22.92	22.82		
5	QPSK	25	0	22.85	22.99	22.83	22.94	22.95		
5	16QAM	1	0	22.96	22.83	22.97	22.85	22.91	24	0.5
5	16QAM	1	12	22.78	22.85	22.77	22.95	22.78		
5	16QAM	1	24	22.91	22.77	23.05	22.82	22.87		
5	16QAM	12	0	22.29	22.08	22.22	22.31	22.31	23	1.5
5	16QAM	12	7	22.17	22.29	22.29	22.15	22.27		
5	16QAM	12	13	22.25	22.26	22.28	22.29	22.32		
5	16QAM	25	0	22.3	22.19	22.24	22.28	22.22		
5	64QAM	1	0	22.45	22.29	22.37	22.33	22.46	23	1.5
5	64QAM	1	12	22.29	22.29	22.36	22.32	22.34		
5	64QAM	1	24	22.23	22.26	22.32	22.32	22.27		
5	64QAM	12	0	21.21	21.2	21.15	21.12	21.36	22	2.5
5	64QAM	12	7	21.27	21.14	21.32	21.23	21.21		
5	64QAM	12	13	21.16	21.2	21.22	21.25	21.17		
5	64QAM	25	0	21.38	21.3	21.4	21.32	21.3		
5	256QAM	1	0	19.20	19.11	19.23	19.28	19.17	20	4.5
5	256QAM	1	12	19.25	19.14	19.25	19.23	19.26		
5	256QAM	1	24	19.20	19.10	19.18	19.22	19.21		
5	256QAM	12	0	19.20	19.13	19.14	19.21	19.14	20	4.5
5	256QAM	12	7	19.30	19.11	19.26	19.13	19.13		
5	256QAM	12	13	19.25	19.24	19.15	19.25	19.26		
5	256QAM	25	0	19.15	19.23	19.16	19.23	19.09		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.04	24.15	24.07	23.98	25	0
20	QPSK	1	49	24.01	24.07	24.04	23.94		
20	QPSK	1	99	23.94	24.01	23.94	23.88		
20	QPSK	50	0	23.17	23.26	23.23	23.14	24	1
20	QPSK	50	24	23.13	23.23	23.22	23.08		
20	QPSK	50	50	23.11	23.21	23.11	23.06		
20	QPSK	100	0	23.14	23.21	23.15	23.07		
20	16QAM	1	0	23.08	23.24	23.06	23.16	24	1
20	16QAM	1	49	23.18	23.31	23.12	23.27		
20	16QAM	1	99	23.08	23.16	23.13	23.15		
20	16QAM	50	0	22.09	22.14	22.08	22.08	23	2
20	16QAM	50	24	22.16	22.24	22.21	22.09		
20	16QAM	50	50	22.19	22.23	22.25	22.14		
20	16QAM	100	0	22.13	22.22	22.14	22.08		
20	64QAM	1	0	21.98	22.12	21.95	21.94	23	2
20	64QAM	1	49	22.11	22.19	22.04	22.05		
20	64QAM	1	99	22.08	22.16	22.08	22.05		
20	64QAM	50	0	21.21	21.28	21.04	21.04	22	3
20	64QAM	50	24	21.26	21.27	21.13	21.08		
20	64QAM	50	50	21.3	21.28	21.22	21.16		
20	64QAM	100	0	21.26	21.26	21.11	21.06		
20	256QAM	1	0	19.01	19.07	19.00	19.07	20	5
20	256QAM	1	49	18.96	19.11	19.01	19.11		
20	256QAM	1	99	19.02	19.12	18.96	19.09		
20	256QAM	50	0	18.99	19.07	19.00	19.13	20	5
20	256QAM	50	24	18.96	19.10	18.96	19.12		
20	256QAM	50	50	18.97	19.06	18.96	19.07		
20	256QAM	100	0	19.02	19.13	18.99	19.12		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.91	24.03	23.98	23.83	25	0
15	QPSK	1	37	23.87	23.98	23.93	23.89		
15	QPSK	1	74	23.87	23.94	23.88	23.76		
15	QPSK	36	0	23.03	23.17	23.11	23.04	24	1
15	QPSK	36	20	22.98	23.08	23.06	22.92		
15	QPSK	36	39	22.97	23.05	23.01	22.92		
15	QPSK	75	0	23.07	23.1	23.1	23.02		
15	16QAM	1	0	22.92	23.1	23	23.05	24	1
15	16QAM	1	37	23.1	23.16	23.05	23.13		
15	16QAM	1	74	22.99	23.05	22.99	23.04		
15	16QAM	36	0	22.01	22.05	21.95	21.96	23	2
15	16QAM	36	20	22.05	22.17	22.14	21.98		
15	16QAM	36	39	22.03	22.07	22.09	22.07		
15	16QAM	75	0	22.01	22.12	22.05	22.01		
15	64QAM	1	0	21.9	22	21.87	21.8	23	2
15	64QAM	1	37	22.02	22.1	21.96	21.94		
15	64QAM	1	74	21.98	22.06	21.97	21.9		
15	64QAM	36	0	21.09	21.14	20.9	20.98	22	3
15	64QAM	36	20	21.12	21.11	20.99	21.03		
15	64QAM	36	39	21.18	21.14	21.16	21		
15	64QAM	75	0	21.18	21.19	21.05	20.92		
15	256QAM	1	0	18.90	18.93	18.96	18.88	20	5
15	256QAM	1	37	18.97	18.99	18.92	18.94		
15	256QAM	1	74	18.84	18.87	18.88	18.92		
15	256QAM	36	0	18.96	18.88	18.99	18.98	20	5
15	256QAM	36	20	18.90	18.93	18.83	18.85		
15	256QAM	36	39	18.88	18.85	18.84	18.83		
15	256QAM	75	0	18.93	18.98	18.86	18.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.94	24.06	24.02	23.82	25	0
10	QPSK	1	25	23.96	23.96	23.99	23.81		
10	QPSK	1	49	23.83	23.95	23.86	23.78		
10	QPSK	25	0	23.06	23.16	23.09	23.02	24	1
10	QPSK	25	12	23.04	23.1	23.07	23		
10	QPSK	25	25	23	23.11	22.98	22.94		
10	QPSK	50	0	23.08	23.09	23	22.91		
10	16QAM	1	0	23	23.11	22.97	23.02	24	1
10	16QAM	1	25	23.04	23.21	23.01	23.19		
10	16QAM	1	49	22.96	23.11	23.07	23.05		
10	16QAM	25	0	22.04	22.01	21.92	21.98	23	2
10	16QAM	25	12	22.02	22.11	22.08	22.04		
10	16QAM	25	25	22.09	22.07	22.14	22.05		
10	16QAM	50	0	22.06	22.1	22.03	21.99		
10	64QAM	1	0	21.88	21.98	21.83	21.83	23	2
10	64QAM	1	25	22.02	22.14	21.92	21.97		
10	64QAM	1	49	21.97	22.05	21.98	21.98		
10	64QAM	25	0	21.09	21.22	20.9	20.93	22	3
10	64QAM	25	12	21.16	21.13	21.02	20.99		
10	64QAM	25	25	21.19	21.23	21.09	21.02		
10	64QAM	50	0	21.19	21.11	21.05	20.98		
10	256QAM	1	0	18.96	18.90	18.94	18.93	20	5
10	256QAM	1	25	18.90	18.90	18.95	18.96		
10	256QAM	1	49	18.91	18.94	18.90	18.85		
10	256QAM	25	0	18.90	18.95	18.95	18.90	20	5
10	256QAM	25	12	18.84	18.88	18.95	18.90		
10	256QAM	25	25	18.91	18.84	18.95	18.94		
10	256QAM	50	0	18.90	18.89	18.90	18.90		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	23.97	24.01	23.96	23.88	25	0
5	QPSK	1	12	23.92	24.02	23.92	23.84		
5	QPSK	1	24	23.82	23.94	23.8	23.82		
5	QPSK	12	0	23.06	23.1	23.1	22.99	24	1
5	QPSK	12	7	23	23.1	23.14	22.99		
5	QPSK	12	13	22.96	23.05	22.97	22.99		
5	QPSK	25	0	23.08	23.1	23.09	23.01		
5	16QAM	1	0	23.01	23.13	22.96	23.04	24	1
5	16QAM	1	12	23.05	23.21	23.03	23.14		
5	16QAM	1	24	22.95	23.09	22.99	23.02		
5	16QAM	12	0	22.01	22.07	21.98	21.97	23	2
5	16QAM	12	7	22.09	22.08	22.09	21.98		
5	16QAM	12	13	22.1	22.15	22.09	22.03		
5	16QAM	25	0	22.04	22.16	21.99	21.92		
5	64QAM	1	0	21.92	22.01	21.83	21.82	23	2
5	64QAM	1	12	22.01	22.09	21.96	21.89		
5	64QAM	1	24	21.98	22.02	22.01	21.92		
5	64QAM	12	0	21.13	21.18	20.92	20.89	22	3
5	64QAM	12	7	21.2	21.17	21.06	20.97		
5	64QAM	12	13	21.17	21.21	21.06	21		
5	64QAM	25	0	21.15	21.11	21	20.94		
5	256QAM	1	0	18.98	18.99	18.97	18.89	20	5
5	256QAM	1	12	18.95	18.96	18.92	18.90		
5	256QAM	1	24	18.86	18.91	18.84	18.86		
5	256QAM	12	0	18.87	18.99	18.89	18.97	20	5
5	256QAM	12	7	18.85	18.84	18.83	18.84		
5	256QAM	12	13	18.83	18.84	18.87	18.84		
5	256QAM	25	0	18.95	18.91	18.87	18.91		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.96	24.09	23.94	24.07	25	0
20	QPSK	1	49	23.95	24.07	23.89	24.01		
20	QPSK	1	99	23.88	24.02	23.84	23.96		
20	QPSK	50	0	23.07	23.23	23.03	23.18	24	1
20	QPSK	50	24	23.02	23.19	22.93	23.12		
20	QPSK	50	50	23.01	23.18	22.91	23.08		
20	QPSK	100	0	23.05	23.16	22.94	23.03		
20	16QAM	1	0	22.94	23.25	22.91	22.93	24	1
20	16QAM	1	49	23.06	23.34	23.07	22.99		
20	16QAM	1	99	23.05	23.11	22.95	23.04		
20	16QAM	50	0	22.02	22.23	21.94	21.95	23	2
20	16QAM	50	24	22.07	22.18	21.9	22.02		
20	16QAM	50	50	22.03	21.92	22.03	22.11		
20	16QAM	100	0	22.05	22.16	21.92	22.01		
20	64QAM	1	0	21.95	22.14	21.82	21.85	23	2
20	64QAM	1	49	21.98	22.18	21.89	21.99		
20	64QAM	1	99	21.96	22.11	21.88	21.94		
20	64QAM	50	0	21.01	21.22	20.91	20.96	22	3
20	64QAM	50	24	21.09	21.17	20.94	20.98		
20	64QAM	50	50	21.02	21.18	21.03	21.11		
20	64QAM	100	0	21.07	21.16	20.93	21.01		
20	256QAM	1	0	18.92	19.05	19.02	18.88	20	5
20	256QAM	1	49	18.92	19.03	19.00	18.85		
20	256QAM	1	99	18.91	19.01	19.08	18.82		
20	256QAM	50	0	18.88	19.08	19.06	18.82	20	5
20	256QAM	50	24	18.95	19.04	19.00	18.87		
20	256QAM	50	50	18.92	19.08	19.04	18.88		
20	256QAM	100	0	18.89	19.05	19.05	18.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.83	23.98	23.88	24	25	0
15	QPSK	1	37	23.81	23.98	23.76	23.95		
15	QPSK	1	74	23.79	23.88	23.72	23.8		
15	QPSK	36	0	22.92	23.1	22.89	23.05	24	1
15	QPSK	36	20	22.97	23.1	22.88	23.02		
15	QPSK	36	39	22.85	23.02	22.76	22.96		
15	QPSK	75	0	23	23.09	22.88	22.96		
15	16QAM	1	0	22.88	23.19	22.8	22.85	24	1
15	16QAM	1	37	23.01	23.29	22.92	22.83		
15	16QAM	1	74	22.96	22.96	22.81	22.93		
15	16QAM	36	0	21.9	22.07	21.81	21.9	23	2
15	16QAM	36	20	21.92	22.08	21.76	21.97		
15	16QAM	36	39	21.9	21.86	21.87	22.02		
15	16QAM	75	0	21.92	22.09	21.77	21.94		
15	64QAM	1	0	21.86	21.98	21.68	21.7	23	2
15	64QAM	1	37	21.85	22.03	21.74	21.83		
15	64QAM	1	74	21.91	22.06	21.81	21.84		
15	64QAM	36	0	20.85	21.16	20.85	20.86	22	3
15	64QAM	36	20	21.03	21.08	20.88	20.92		
15	64QAM	36	39	20.89	21.1	20.91	20.98		
15	64QAM	75	0	20.96	21.07	20.82	20.95		
15	256QAM	1	0	18.79	18.82	18.79	18.88	20	5
15	256QAM	1	37	18.90	18.89	18.84	18.86		
15	256QAM	1	74	18.84	18.85	18.81	18.88		
15	256QAM	36	0	18.82	18.75	18.76	18.85	20	5
15	256QAM	36	20	18.84	18.88	18.91	18.92		
15	256QAM	36	39	18.87	18.86	18.82	18.84		
15	256QAM	75	0	18.82	18.76	18.81	18.85		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.85	24.04	23.81	23.98	25	0
10	QPSK	1	25	23.85	23.91	23.82	23.93		
10	QPSK	1	49	23.78	23.97	23.69	23.81		
10	QPSK	25	0	22.94	23.08	22.94	23.03	24	1
10	QPSK	25	12	22.88	23.07	22.85	23.05		
10	QPSK	25	25	22.96	23.02	22.85	22.98		
10	QPSK	50	0	22.93	23.03	22.78	22.88		
10	16QAM	1	0	22.81	23.14	22.83	22.83	24	1
10	16QAM	1	25	22.93	23.18	22.91	22.83		
10	16QAM	1	49	22.91	23.04	22.88	22.93		
10	16QAM	25	0	21.95	22.14	21.83	21.89	23	2
10	16QAM	25	12	21.99	22.09	21.82	21.9		
10	16QAM	25	25	21.89	21.87	21.96	22.01		
10	16QAM	50	0	21.97	22.09	21.83	21.85		
10	64QAM	1	0	21.84	22.03	21.66	21.77	23	2
10	64QAM	1	25	21.89	22.09	21.75	21.93		
10	64QAM	1	49	21.84	22.05	21.75	21.78		
10	64QAM	25	0	20.89	21.06	20.8	20.84	22	3
10	64QAM	25	12	21	21.05	20.82	20.84		
10	64QAM	25	25	20.92	21.06	20.87	21.05		
10	64QAM	50	0	20.92	21.11	20.78	20.9		
10	256QAM	1	0	18.85	18.91	18.83	18.81	20	5
10	256QAM	1	25	18.79	18.89	18.86	18.91		
10	256QAM	1	49	18.84	18.79	18.82	18.88		
10	256QAM	25	0	18.76	18.83	18.83	18.80	20	5
10	256QAM	25	12	18.92	18.84	18.88	18.82		
10	256QAM	25	25	18.84	18.86	18.88	18.84		
10	256QAM	50	0	18.80	18.86	18.80	18.76		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	23.89	24.03	23.8	23.98	25	0
5	QPSK	1	12	23.83	23.95	23.73	23.91		
5	QPSK	1	24	23.74	23.86	23.73	23.82		
5	QPSK	12	0	22.95	23.14	22.91	23.11	24	1
5	QPSK	12	7	22.94	23.08	22.79	22.99		
5	QPSK	12	13	22.93	23.02	22.79	22.94		
5	QPSK	25	0	22.99	23.05	22.87	22.95		
5	16QAM	1	0	22.79	23.19	22.77	22.77	24	1
5	16QAM	1	12	22.99	23.25	22.95	22.93		
5	16QAM	1	24	22.95	23.02	22.88	22.9		
5	16QAM	12	0	21.96	22.15	21.81	21.89	23	2
5	16QAM	12	7	21.96	22.03	21.85	21.87		
5	16QAM	12	13	21.97	21.86	21.97	21.98		
5	16QAM	25	0	21.89	22.07	21.84	21.85		
5	64QAM	1	0	21.84	22.09	21.7	21.72	23	2
5	64QAM	1	12	21.82	22.02	21.79	21.88		
5	64QAM	1	24	21.91	22.06	21.77	21.88		
5	64QAM	12	0	20.94	21.06	20.83	20.88	22	3
5	64QAM	12	7	21.02	21.02	20.85	20.82		
5	64QAM	12	13	20.86	21.07	20.9	21.02		
5	64QAM	25	0	20.93	21.03	20.86	20.94		
5	256QAM	1	0	18.87	18.87	18.80	18.87	20	5
5	256QAM	1	12	18.80	18.80	18.87	18.90		
5	256QAM	1	24	18.89	18.89	18.80	18.90		
5	256QAM	12	0	18.79	18.78	18.82	18.75	20	5
5	256QAM	12	7	18.88	18.94	18.93	18.82		
5	256QAM	12	13	18.81	18.79	18.82	18.90		
5	256QAM	25	0	18.83	18.80	18.86	18.84		

Reduced Power for DSI5/10/15

GSM850_ANT 1		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		33.62	33.51	33.38	**34.00**	24.62	24.51	24.38	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.61	33.49	33.37	**34.00**	24.61	24.49	24.37	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.50	30.28	30.08	**31.00**	24.50	24.28	24.08	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.63	28.45	28.18	**29.20**	24.37	24.19	23.92	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.04	27.07	26.95	**28.00**	24.04	24.07	23.95	25.00
EDGE 1 Tx slot		27.27	27.54	27.05	**28.00**	18.27	18.54	18.05	19.00
EDGE 2 Tx slots		25.08	25.09	24.92	**25.20**	19.08	19.09	18.92	19.20
EDGE 3 Tx slots		23.82	23.83	23.68	**24.00**	19.56	19.57	19.42	19.74
EDGE 4 Tx slots		23.05	23.18	23.11	**23.50**	20.05	20.18	20.11	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.38	30.14	29.95	**31.00**	24.43	24.19	23.97	24.98
	GPRS 1 Tx slot	30.52	30.28	30.04	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.34	30.29	30.05	**31.00**	24.40	24.22	24.04	24.98
	GPRS 1 Tx slot	30.50	30.19	30.07	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.59	28.39	28.18	**29.20**	24.34	24.14	23.88	24.94
	GPRS 2 Tx slots	28.61	28.41	28.12	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.53	30.32	30.12	**31.00**	22.53	22.36	22.17	22.98
	EDGE 1 Tx slot	24.81	24.80	24.65	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.51	30.22	30.17	**31.00**	22.51	22.30	22.20	22.98
	EDGE 1 Tx slot	24.77	24.86	24.60	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.68	28.55	28.27	**29.20**	21.70	21.62	21.40	22.22
	EDGE 2 Tx slots	23.49	23.48	23.36	**24.00**				

GSM1900_ANT 3		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		30.08	30.06	29.70	**31.00**	21.08	21.06	20.70	22.00
GPRS/EDGE(GMSK) 1 Tx slot		30.05	29.95	29.85	**31.00**	21.05	20.95	20.85	22.00
GPRS/EDGE(GMSK) 2 Tx slots		26.87	26.80	26.57	**28.00**	20.87	20.80	20.57	22.00
GPRS/EDGE(GMSK) 3 Tx slots		25.18	25.08	24.70	**26.20**	20.92	20.82	20.44	21.94
GPRS/EDGE(GMSK) 4 Tx slots		24.30	24.15	24.01	**25.00**	21.30	21.15	21.01	22.00
EDGE 1 Tx slot		26.03	25.96	25.80	**27.00**	17.03	16.96	16.80	18.00
EDGE 2 Tx slots		22.85	22.84	22.72	**24.00**	16.85	16.84	16.72	18.00
EDGE 3 Tx slots		21.01	20.97	20.86	**22.20**	16.75	16.71	16.60	17.94
EDGE 4 Tx slots		20.12	19.97	19.91	**21.00**	17.12	16.97	16.91	18.00
DTM Multi-slot class 5	GSM 1 Tx slot	26.85	26.82	26.58	**28.00**	20.82	20.79	20.47	21.98
	GPRS 1 Tx slot	26.83	26.81	26.40	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.76	26.64	26.51	**28.00**	20.74	20.63	20.49	21.98
	GPRS 1 Tx slot	26.77	26.67	26.52	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.12	25.09	24.80	**26.20**	20.91	20.87	20.47	21.94
	GPRS 2 Tx slots	25.20	25.15	24.70	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.82	26.75	26.66	**28.00**	19.19	19.12	19.00	20.42
	EDGE 1 Tx slot	22.62	22.56	22.35	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.83	26.78	26.56	**28.00**	19.17	19.12	18.95	20.42
	EDGE 1 Tx slot	22.52	22.49	22.42	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.15	25.17	24.71	**26.20**	18.47	18.47	18.14	19.71
	EDGE 2 Tx slots	20.71	20.68	20.52	**22.20**				

Band		WCDMA II_ANT 3			Tune-up Limit (dBm)	WCDMA IV_ANT 3			Tune-up Limit (dBm)	WCDMA V_ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.15	24.22	24.20	25.00	24.05	24.18	24.01	25.00	24.01	24.09	24.00	25.00
3GPP Rel 99	RMC 12.2Kbps	24.19	24.25	24.21	25.00	24.08	24.19	24.03	25.00	24.03	24.11	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	23.30	23.24	24.00	23.33	23.37	23.21	24.00	22.85	22.93	22.88	24.00
3GPP Rel 6	HSDPA Subtest-2	23.31	23.32	23.24	24.00	23.38	23.36	23.26	24.00	22.83	22.92	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	22.81	22.78	22.75	23.50	22.86	22.84	22.76	23.50	22.34	22.47	22.37	23.50
3GPP Rel 6	HSDPA Subtest-4	22.81	22.75	22.72	23.50	22.83	22.90	22.72	23.50	22.39	22.39	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.17	23.15	23.10	24.00	23.17	23.28	23.12	24.00	22.77	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.21	23.12	24.00	23.25	23.30	23.10	24.00	22.68	22.76	22.76	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.72	22.69	22.69	23.50	22.71	22.75	22.62	23.50	22.28	22.38	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.64	22.56	23.50	22.78	22.84	22.64	23.50	22.23	22.30	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	23.32	23.35	23.28	24.00	23.39	23.39	23.24	24.00	22.75	22.88	22.86	24.00
3GPP Rel 6	HSUPA Subtest-2	21.32	21.36	21.33	22.00	19.35	19.38	19.22	20.00	20.76	20.85	20.84	22.00
3GPP Rel 6	HSUPA Subtest-3	22.35	22.33	22.29	23.00	20.36	20.34	20.21	21.00	21.76	21.86	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	21.32	21.34	21.32	22.00	19.37	19.35	19.27	20.00	20.73	20.88	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	23.31	23.30	24.00	23.40	23.42	23.40	24.00	22.80	22.90	22.90	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.30	20.20	21.00	20.30	20.40	20.30	21.00	21.10	21.20	21.10	22.00

Band 2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.74	23.89	23.5	25	0
20	QPSK	1	49	23.63	23.54	23.43		
20	QPSK	1	99	23.48	23.48	23.4		
20	QPSK	50	0	22.68	22.73	22.6	24	1
20	QPSK	50	24	22.64	22.57	22.68		
20	QPSK	50	50	22.62	22.55	22.62		
20	QPSK	100	0	22.62	22.68	22.64		
20	16QAM	1	0	22.88	22.88	23.2	24	1
20	16QAM	1	49	22.84	22.96	23.07		
20	16QAM	1	99	22.73	22.81	22.71		
20	16QAM	50	0	21.72	21.69	21.68	23	2
20	16QAM	50	24	21.67	21.56	21.67		
20	16QAM	50	50	21.66	21.71	21.65		
20	16QAM	100	0	21.62	21.68	21.73		
20	64QAM	1	0	22.04	21.87	21.86	23	2
20	64QAM	1	49	21.94	22.01	21.57		
20	64QAM	1	99	21.56	21.74	21.65		
20	64QAM	50	0	20.57	20.58	20.58	22	3
20	64QAM	50	24	20.62	20.51	20.76		
20	64QAM	50	50	20.56	20.65	20.66		
20	64QAM	100	0	20.65	20.59	20.67		
20	256QAM	1	0	18.90	18.93	18.90	20	5
20	256QAM	1	49	18.93	19.00	18.94		
20	256QAM	1	99	18.93	19.02	19.00		
20	256QAM	50	0	18.80	18.87	18.78	20	5
20	256QAM	50	24	18.87	18.85	18.87		
20	256QAM	50	50	18.90	18.92	18.92		
20	256QAM	100	0	18.80	18.86	18.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.71	23.57	23.48	25	0
15	QPSK	1	37	23.58	23.57	23.53		
15	QPSK	1	74	23.48	23.54	23.52		
15	QPSK	36	0	22.67	22.68	22.64	24	1
15	QPSK	36	20	22.68	22.66	22.62		
15	QPSK	36	39	22.6	22.61	22.56		
15	QPSK	75	0	22.69	22.61	22.61		
15	16QAM	1	0	22.84	22.58	22.49	24	1
15	16QAM	1	37	22.67	22.8	22.83		
15	16QAM	1	74	22.46	22.76	22.78		
15	16QAM	36	0	21.63	21.66	21.5	23	2
15	16QAM	36	20	21.68	21.65	21.59		
15	16QAM	36	39	21.52	21.51	21.68		
15	16QAM	75	0	21.73	21.69	21.64		
15	64QAM	1	0	22.17	21.92	21.77	23	2
15	64QAM	1	37	22.06	22.02	22.12		
15	64QAM	1	74	21.95	21.7	21.85		
15	64QAM	36	0	20.7	20.57	20.58	22	3
15	64QAM	36	20	20.67	20.68	20.66		
15	64QAM	36	39	20.64	20.69	20.67		
15	64QAM	75	0	20.72	20.66	20.65		
15	256QAM	1	0	18.89	18.92	18.81	20	5
15	256QAM	1	37	18.99	18.99	18.97		
15	256QAM	1	74	19.02	18.98	19.01		
15	256QAM	36	0	18.81	18.88	18.80	20	5
15	256QAM	36	20	18.79	18.86	18.73		
15	256QAM	36	39	18.85	18.90	18.85		
15	256QAM	75	0	18.80	18.81	18.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.77	23.73	23.66	25	0
10	QPSK	1	25	23.76	23.78	23.8		
10	QPSK	1	49	23.53	23.67	23.62		
10	QPSK	25	0	22.91	22.79	22.67	24	1
10	QPSK	25	12	22.88	22.72	22.67		
10	QPSK	25	25	22.73	22.68	22.7		
10	QPSK	50	0	22.77	22.74	22.73		
10	16QAM	1	0	23.09	23.07	23.07	24	1
10	16QAM	1	25	22.99	23.01	22.92		
10	16QAM	1	49	22.82	22.88	23.18		
10	16QAM	25	0	21.87	21.76	21.75	23	2
10	16QAM	25	12	21.87	21.66	21.74		
10	16QAM	25	25	21.84	21.74	21.67		
10	16QAM	50	0	21.86	21.84	21.64		
10	64QAM	1	0	22.16	22.1	21.74	23	2
10	64QAM	1	25	21.88	22.2	22.12		
10	64QAM	1	49	21.75	21.8	21.9		
10	64QAM	25	0	20.95	20.69	20.65	22	3
10	64QAM	25	12	20.82	20.63	20.62		
10	64QAM	25	25	20.79	20.62	20.8		
10	64QAM	50	0	20.85	20.73	20.69		
10	256QAM	1	0	18.91	18.87	18.80	20	5
10	256QAM	1	25	19.01	18.96	19.00		
10	256QAM	1	49	18.94	19.05	18.98		
10	256QAM	25	0	18.83	18.90	18.77	20	5
10	256QAM	25	12	18.86	18.82	18.81		
10	256QAM	25	25	18.87	18.88	18.87		
10	256QAM	50	0	18.76	18.87	18.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.77	23.87	23.68	25	0
5	QPSK	1	12	23.78	23.68	23.76		
5	QPSK	1	24	23.48	23.61	23.59		
5	QPSK	12	0	22.88	22.76	22.64	24	1
5	QPSK	12	7	22.85	22.83	22.68		
5	QPSK	12	13	22.72	22.67	22.63		
5	QPSK	25	0	22.8	22.77	22.62		
5	16QAM	1	0	22.63	22.93	23.08	24	1
5	16QAM	1	12	23.08	22.8	23.11		
5	16QAM	1	24	23.06	23.02	22.92		
5	16QAM	12	0	21.89	21.79	21.72	23	2
5	16QAM	12	7	21.84	21.94	21.71		
5	16QAM	12	13	21.82	21.7	21.65		
5	16QAM	25	0	21.81	21.83	21.65		
5	64QAM	1	0	21.94	21.92	21.95	23	2
5	64QAM	1	12	21.8	22.01	21.81		
5	64QAM	1	24	21.84	22.03	21.88		
5	64QAM	12	0	20.94	20.73	20.75	22	3
5	64QAM	12	7	20.78	20.92	20.76		
5	64QAM	12	13	20.8	20.81	20.62		
5	64QAM	25	0	20.76	20.71	20.62		
5	256QAM	1	0	18.93	18.86	18.86	20	5
5	256QAM	1	12	18.94	19.01	18.95		
5	256QAM	1	24	18.98	19.05	18.93		
5	256QAM	12	0	18.81	18.89	18.77	20	5
5	256QAM	12	7	18.84	18.83	18.82		
5	256QAM	12	13	18.91	18.93	18.79		
5	256QAM	25	0	18.80	18.88	18.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.62	23.72	23.76	25	0
3	QPSK	1	8	23.78	23.71	23.76		
3	QPSK	1	14	23.38	23.66	23.7		
3	QPSK	8	0	22.84	22.85	22.64	24	1
3	QPSK	8	4	22.76	22.79	22.7		
3	QPSK	8	7	22.77	22.76	22.64		
3	QPSK	15	0	22.84	22.66	22.66		
3	16QAM	1	0	22.59	23.05	22.88	24	1
3	16QAM	1	8	23.02	23.01	22.71		
3	16QAM	1	14	23.01	22.76	22.85		
3	16QAM	8	0	22.01	21.92	21.8	23	2
3	16QAM	8	4	21.78	21.68	21.78		
3	16QAM	8	7	21.76	21.67	21.56		
3	16QAM	15	0	21.88	21.72	21.67		
3	64QAM	1	0	21.81	21.91	21.93	23	2
3	64QAM	1	8	22.06	22.01	21.7		
3	64QAM	1	14	21.81	21.69	21.65		
3	64QAM	8	0	21	20.81	20.8	22	3
3	64QAM	8	4	20.9	20.73	20.68		
3	64QAM	8	7	20.72	20.84	20.64		
3	64QAM	15	0	20.86	20.79	20.62		
3	256QAM	1	0	18.92	18.92	18.86	20	5
3	256QAM	1	8	19.01	19.03	18.97		
3	256QAM	1	14	18.96	18.98	18.98		
3	256QAM	8	0	18.83	18.90	18.86	20	5
3	256QAM	8	4	18.78	18.84	18.82		
3	256QAM	8	7	18.84	18.93	18.84		
3	256QAM	15	0	18.81	18.82	18.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.85	23.77	23.58	25	0
1.4	QPSK	1	3	23.75	23.6	23.76		
1.4	QPSK	1	5	23.68	23.53	23.61		
1.4	QPSK	3	0	23.71	23.72	23.69		
1.4	QPSK	3	1	23.74	23.72	23.62		
1.4	QPSK	3	3	23.64	23.69	23.59		
1.4	QPSK	6	0	22.82	22.72	22.64	24	1
1.4	16QAM	1	0	23.09	23.11	23.12	24	1
1.4	16QAM	1	3	23.09	22.77	23.14		
1.4	16QAM	1	5	23.04	22.93	22.7		
1.4	16QAM	3	0	22.98	22.61	22.84		
1.4	16QAM	3	1	22.9	22.91	22.89		
1.4	16QAM	3	3	22.86	22.82	22.78		
1.4	16QAM	6	0	22.02	21.79	21.79	23	2
1.4	64QAM	1	0	21.84	21.73	22.04	23	2
1.4	64QAM	1	3	21.79	21.56	22.03		
1.4	64QAM	1	5	21.75	21.69	21.73		
1.4	64QAM	3	0	21.79	21.7	21.76		
1.4	64QAM	3	1	22.13	21.97	21.85		
1.4	64QAM	3	3	21.9	21.64	21.85		
1.4	64QAM	6	0	20.91	20.75	20.67	22	3
1.4	256QAM	1	0	18.94	18.90	18.86	20	5
1.4	256QAM	1	3	18.97	19.02	18.95		
1.4	256QAM	1	5	18.99	18.96	19.03		
1.4	256QAM	3	0	18.77	18.90	18.84		
1.4	256QAM	3	1	18.86	18.78	18.75		
1.4	256QAM	3	3	18.89	18.93	18.87		
1.4	256QAM	6	0	18.82	18.84	18.85	20	5

Band 4_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.64	23.71	23.45	25	0
20	QPSK	1	49	23.52	23.57	23.38		
20	QPSK	1	99	23.4	23.52	23.3		
20	QPSK	50	0	22.51	22.6	22.37	24	1
20	QPSK	50	24	22.46	22.56	22.29		
20	QPSK	50	50	22.37	22.47	22.25		
20	QPSK	100	0	22.47	22.5	22.27		
20	16QAM	1	0	22.68	22.9	22.85	24	1
20	16QAM	1	49	22.93	22.89	22.63		
20	16QAM	1	99	22.55	22.63	22.93		
20	16QAM	50	0	21.47	21.5	21.4	23	2
20	16QAM	50	24	21.54	21.54	21.36		
20	16QAM	50	50	21.51	21.47	21.26		
20	16QAM	100	0	21.49	21.36	21.32		
20	64QAM	1	0	21.59	21.78	21.46	23	2
20	64QAM	1	49	21.89	21.55	21.45		
20	64QAM	1	99	21.65	21.42	21.51		
20	64QAM	50	0	20.46	20.54	20.48	22	3
20	64QAM	50	24	20.59	20.31	20.37		
20	64QAM	50	50	20.46	20.55	20.33		
20	64QAM	100	0	20.55	20.37	20.32		
20	256QAM	1	0	18.83	18.86	18.76	20	5
20	256QAM	1	49	18.79	18.83	18.73		
20	256QAM	1	99	18.83	18.85	18.80		
20	256QAM	50	0	18.64	18.66	18.65	20	5
20	256QAM	50	24	18.59	18.65	18.52		
20	256QAM	50	50	18.66	18.70	18.57		
20	256QAM	100	0	18.62	18.62	18.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.52	23.66	23.25	25	0
15	QPSK	1	37	23.5	23.62	23.32		
15	QPSK	1	74	23.28	23.22	23.43		
15	QPSK	36	0	22.49	22.38	22.35	24	1
15	QPSK	36	20	22.55	22.44	22.42		
15	QPSK	36	39	22.47	22.37	22.35		
15	QPSK	75	0	22.45	22.36	22.24		
15	16QAM	1	0	22.73	22.81	22.79	24	1
15	16QAM	1	37	22.62	22.78	22.66		
15	16QAM	1	74	22.66	22.64	22.63		
15	16QAM	36	0	21.48	21.48	21.25	23	2
15	16QAM	36	20	21.53	21.51	21.4		
15	16QAM	36	39	21.47	21.47	21.34		
15	16QAM	75	0	21.44	21.39	21.31		
15	64QAM	1	0	21.54	21.72	21.71	23	2
15	64QAM	1	37	21.63	21.81	21.43		
15	64QAM	1	74	21.56	21.57	21.57		
15	64QAM	36	0	20.61	20.36	20.37	22	3
15	64QAM	36	20	20.47	20.46	20.33		
15	64QAM	36	39	20.42	20.42	20.33		
15	64QAM	75	0	20.39	20.37	20.36		
15	256QAM	1	0	18.79	18.84	18.78	20	5
15	256QAM	1	37	18.78	18.80	18.84		
15	256QAM	1	74	18.83	18.91	18.86		
15	256QAM	36	0	18.67	18.66	18.60	20	5
15	256QAM	36	20	18.59	18.58	18.57		
15	256QAM	36	39	18.59	18.64	18.60		
15	256QAM	75	0	18.66	18.56	18.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.5	23.62	23.51	25	0
10	QPSK	1	25	23.66	23.59	23.4		
10	QPSK	1	49	23.51	23.32	23.24		
10	QPSK	25	0	22.47	22.52	22.58	24	1
10	QPSK	25	12	22.6	22.46	22.54		
10	QPSK	25	25	22.56	22.58	22.49		
10	QPSK	50	0	22.63	22.43	22.5		
10	16QAM	1	0	22.87	22.71	22.85	24	1
10	16QAM	1	25	22.87	22.73	22.84		
10	16QAM	1	49	22.81	22.68	22.53		
10	16QAM	25	0	21.49	21.54	21.63	23	2
10	16QAM	25	12	21.64	21.6	21.57		
10	16QAM	25	25	21.63	21.58	21.44		
10	16QAM	50	0	21.62	21.55	21.47		
10	64QAM	1	0	21.89	21.83	21.81	23	2
10	64QAM	1	25	21.86	21.72	21.69		
10	64QAM	1	49	21.83	21.54	21.57		
10	64QAM	25	0	20.57	20.51	20.58	22	3
10	64QAM	25	12	20.67	20.56	20.52		
10	64QAM	25	25	20.59	20.64	20.49		
10	64QAM	50	0	20.62	20.51	20.47		
10	256QAM	1	0	18.77	18.83	18.73	20	5
10	256QAM	1	25	18.80	18.86	18.82		
10	256QAM	1	49	18.79	18.86	18.82		
10	256QAM	25	0	18.64	18.69	18.61	20	5
10	256QAM	25	12	18.53	18.61	18.57		
10	256QAM	25	25	18.63	18.63	18.69		
10	256QAM	50	0	18.65	18.60	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.5	23.45	25	0
5	QPSK	1	12	23.51	23.52	23.38		
5	QPSK	1	24	23.58	23.51	23.41		
5	QPSK	12	0	22.67	22.49	22.49	24	1
5	QPSK	12	7	22.69	22.6	22.43		
5	QPSK	12	13	22.62	22.52	22.39		
5	QPSK	25	0	22.68	22.49	22.43		
5	16QAM	1	0	22.82	22.74	22.56	24	1
5	16QAM	1	12	22.47	22.83	22.89		
5	16QAM	1	24	22.74	22.86	22.72		
5	16QAM	12	0	21.66	21.59	21.51	23	2
5	16QAM	12	7	21.65	21.56	21.46		
5	16QAM	12	13	21.64	21.49	21.38		
5	16QAM	25	0	21.71	21.5	21.53		
5	64QAM	1	0	21.86	21.9	21.63	23	2
5	64QAM	1	12	21.89	21.86	21.55		
5	64QAM	1	24	21.56	21.7	21.62		
5	64QAM	12	0	20.74	20.58	20.48	22	3
5	64QAM	12	7	20.72	20.46	20.57		
5	64QAM	12	13	20.65	20.6	20.46		
5	64QAM	25	0	20.64	20.5	20.56		
5	256QAM	1	0	18.77	18.86	18.76	20	5
5	256QAM	1	12	18.81	18.81	18.81		
5	256QAM	1	24	18.86	18.84	18.83		
5	256QAM	12	0	18.64	18.64	18.66	20	5
5	256QAM	12	7	18.53	18.63	18.63		
5	256QAM	12	13	18.63	18.71	18.66		
5	256QAM	25	0	18.60	18.60	18.67		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.62	23.53	23.36	25	0
3	QPSK	1	8	23.59	23.58	23.39		
3	QPSK	1	14	23.56	23.41	23.33		
3	QPSK	8	0	22.67	22.45	22.44	24	1
3	QPSK	8	4	22.66	22.64	22.44		
3	QPSK	8	7	22.56	22.64	22.44		
3	QPSK	15	0	22.62	22.48	22.44		
3	16QAM	1	0	22.61	22.65	22.6	24	1
3	16QAM	1	8	22.74	22.83	22.82		
3	16QAM	1	14	22.79	22.91	22.58		
3	16QAM	8	0	21.63	21.55	21.62	23	2
3	16QAM	8	4	21.65	21.58	21.64		
3	16QAM	8	7	21.48	21.63	21.4		
3	16QAM	15	0	21.66	21.45	21.41		
3	64QAM	1	0	21.86	21.99	21.67	23	2
3	64QAM	1	8	21.82	21.52	21.85		
3	64QAM	1	14	21.7	21.85	21.78		
3	64QAM	8	0	20.74	20.56	20.55	22	3
3	64QAM	8	4	20.64	20.59	20.52		
3	64QAM	8	7	20.6	20.61	20.43		
3	64QAM	15	0	20.73	20.46	20.55		
3	256QAM	1	0	18.83	18.81	18.81	20	5
3	256QAM	1	8	18.79	18.84	18.75		
3	256QAM	1	14	18.80	18.83	18.85		
3	256QAM	8	0	18.63	18.68	18.61	20	5
3	256QAM	8	4	18.53	18.58	18.59		
3	256QAM	8	7	18.62	18.66	18.65		
3	256QAM	15	0	18.67	18.62	18.61		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.51	23.56	23.28	25	0
1.4	QPSK	1	3	23.62	23.49	23.39		
1.4	QPSK	1	5	23.61	23.33	23.38		
1.4	QPSK	3	0	23.69	23.53	23.39		
1.4	QPSK	3	1	23.55	23.46	23.34		
1.4	QPSK	3	3	23.67	23.57	23.6		
1.4	QPSK	6	0	22.63	22.56	22.4	24	1
1.4	16QAM	1	0	23.06	22.94	22.82	24	1
1.4	16QAM	1	3	22.85	22.82	22.85		
1.4	16QAM	1	5	22.89	22.87	22.67		
1.4	16QAM	3	0	22.78	22.79	22.64		
1.4	16QAM	3	1	22.63	22.61	22.65		
1.4	16QAM	3	3	22.77	22.56	22.63		
1.4	16QAM	6	0	21.66	21.68	21.39	23	2
1.4	64QAM	1	0	21.47	21.92	21.52	23	2
1.4	64QAM	1	3	21.81	21.96	21.53		
1.4	64QAM	1	5	21.65	21.62	21.64		
1.4	64QAM	3	0	21.72	21.58	21.6		
1.4	64QAM	3	1	21.73	21.57	21.4		
1.4	64QAM	3	3	21.75	21.68	21.64		
1.4	64QAM	6	0	20.62	20.67	20.38	22	3
1.4	256QAM	1	0	18.76	18.81	18.77	20	5
1.4	256QAM	1	3	18.71	18.78	18.79		
1.4	256QAM	1	5	18.85	18.87	18.87		
1.4	256QAM	3	0	18.68	18.61	18.67		
1.4	256QAM	3	1	18.55	18.66	18.64		
1.4	256QAM	3	3	18.60	18.71	18.66		
1.4	256QAM	6	0	18.66	18.56	18.67	20	5

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.55	23.68	23.64	25	0
10	QPSK	1	25	23.38	23.55	23.45		
10	QPSK	1	49	23.24	23.47	23.38		
10	QPSK	25	0	22.45	22.49	22.43	24	1
10	QPSK	25	12	22.36	22.44	22.36		
10	QPSK	25	25	22.31	22.4	22.34		
10	QPSK	50	0	22.47	22.55	22.35		
10	16QAM	1	0	22.8	22.86	22.76	24	1
10	16QAM	1	25	22.7	23.13	23.12		
10	16QAM	1	49	22.85	22.79	22.95		
10	16QAM	25	0	21.41	21.34	21.46	23	2
10	16QAM	25	12	21.47	21.37	21.54		
10	16QAM	25	25	21.45	21.45	21.36		
10	16QAM	50	0	21.44	21.38	21.52		
10	64QAM	1	0	21.94	21.57	21.67	23	2
10	64QAM	1	25	21.66	21.82	21.55		
10	64QAM	1	49	21.76	21.61	21.68		
10	64QAM	25	0	20.33	20.36	20.49	22	3
10	64QAM	25	12	20.52	20.43	20.54		
10	64QAM	25	25	20.53	20.45	20.63		
10	64QAM	50	0	20.45	20.4	20.47		
10	256QAM	1	0	19.04	19.08	19.02	20	5
10	256QAM	1	25	19.01	19.03	18.96		
10	256QAM	1	49	18.92	19.01	18.89		
10	256QAM	25	0	19.01	18.96	19.01	20	5
10	256QAM	25	12	18.91	19.00	18.95		
10	256QAM	25	25	18.96	19.02	18.91		
10	256QAM	50	0	18.89	18.95	18.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.4	23.4	25	0
5	QPSK	1	12	23.39	23.51	23.49		
5	QPSK	1	24	23.33	23.44	23.28		
5	QPSK	12	0	22.29	22.39	22.39	24	1
5	QPSK	12	7	22.47	22.39	22.43		
5	QPSK	12	13	22.5	22.41	22.42		
5	QPSK	25	0	22.38	22.37	22.34		
5	16QAM	1	0	22.79	22.73	22.98	24	1
5	16QAM	1	12	22.81	22.97	23.02		
5	16QAM	1	24	22.85	22.97	22.63		
5	16QAM	12	0	21.31	21.48	21.36	23	2
5	16QAM	12	7	21.5	21.49	21.48		
5	16QAM	12	13	21.52	21.37	21.44		
5	16QAM	25	0	21.47	21.35	21.37		
5	64QAM	1	0	21.57	21.38	21.42	23	2
5	64QAM	1	12	21.88	21.77	21.71		
5	64QAM	1	24	21.65	21.88	21.78		
5	64QAM	12	0	20.4	20.4	20.38	22	3
5	64QAM	12	7	20.46	20.55	20.48		
5	64QAM	12	13	20.56	20.54	20.34		
5	64QAM	25	0	20.44	20.47	20.46		
5	256QAM	1	0	19.01	19.04	18.96	20	5
5	256QAM	1	12	18.96	19.00	18.94		
5	256QAM	1	24	18.99	18.94	18.93		
5	256QAM	12	0	18.96	18.92	18.96	20	5
5	256QAM	12	7	18.96	18.98	19.02		
5	256QAM	12	13	18.99	18.97	18.99		
5	256QAM	25	0	18.87	18.96	18.95		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.23	23.45	23.22	25	0
3	QPSK	1	8	23.37	23.41	23.41		
3	QPSK	1	14	23.19	23.38	23.33		
3	QPSK	8	0	22.44	22.38	22.3	24	1
3	QPSK	8	4	22.44	22.48	22.42		
3	QPSK	8	7	22.41	22.41	22.4		
3	QPSK	15	0	22.47	22.3	22.37		
3	16QAM	1	0	22.49	22.7	22.66	24	1
3	16QAM	1	8	22.54	22.88	22.87		
3	16QAM	1	14	22.57	22.49	22.85		
3	16QAM	8	0	21.49	21.4	21.39	23	2
3	16QAM	8	4	21.41	21.57	21.53		
3	16QAM	8	7	21.42	21.52	21.53		
3	16QAM	15	0	21.48	21.39	21.53		
3	64QAM	1	0	21.92	21.55	21.65	23	2
3	64QAM	1	8	21.65	21.86	21.75		
3	64QAM	1	14	21.65	21.61	21.54		
3	64QAM	8	0	20.39	20.42	20.44	22	3
3	64QAM	8	4	20.43	20.5	20.44		
3	64QAM	8	7	20.47	20.31	20.57		
3	64QAM	15	0	20.47	20.36	20.44		
3	256QAM	1	0	19.10	19.08	19.06	20	5
3	256QAM	1	8	18.98	19.01	18.97		
3	256QAM	1	14	18.91	19.01	18.97		
3	256QAM	8	0	18.98	18.89	18.98	20	5
3	256QAM	8	4	18.91	19.01	18.99		
3	256QAM	8	7	18.97	19.04	18.98		
3	256QAM	15	0	18.93	18.89	18.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.37	23.25	23.46	25	0
1.4	QPSK	1	3	23.39	23.28	23.37		
1.4	QPSK	1	5	23.33	23.31	23.38		
1.4	QPSK	3	0	23.35	23.35	23.45		
1.4	QPSK	3	1	23.38	23.3	23.33		
1.4	QPSK	3	3	23.22	23.33	23.31		
1.4	QPSK	6	0	22.32	22.3	22.43	24	1
1.4	16QAM	1	0	22.47	22.58	22.78	24	1
1.4	16QAM	1	3	22.69	22.54	22.64		
1.4	16QAM	1	5	22.9	22.87	22.68		
1.4	16QAM	3	0	22.46	22.51	22.41		
1.4	16QAM	3	1	22.44	22.42	22.68		
1.4	16QAM	3	3	22.42	22.48	22.66		
1.4	16QAM	6	0	21.53	21.46	21.53	23	2
1.4	64QAM	1	0	21.64	21.38	21.69	23	2
1.4	64QAM	1	3	21.38	21.32	21.55		
1.4	64QAM	1	5	21.69	21.49	21.6		
1.4	64QAM	3	0	21.73	21.39	21.54		
1.4	64QAM	3	1	21.78	21.37	21.64		
1.4	64QAM	3	3	21.55	21.38	21.51		
1.4	64QAM	6	0	20.44	20.34	20.61	22	3
1.4	256QAM	1	0	19.06	19.03	18.98	20	5
1.4	256QAM	1	3	18.93	19.03	18.91		
1.4	256QAM	1	5	18.99	18.98	19.01		
1.4	256QAM	3	0	18.99	18.91	18.96		
1.4	256QAM	3	1	18.91	18.99	19.06		
1.4	256QAM	3	3	18.91	18.99	19.00		
1.4	256QAM	6	0	18.86	18.88	18.96	20	5

Band 7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.25	23.28	23.24	24.2	0
20	QPSK	1	49	22.98	23.05	23.01		
20	QPSK	1	99	22.83	23.05	22.89		
20	QPSK	50	0	22.18	22.29	22.24	23.2	1
20	QPSK	50	24	22.07	22.22	22.22		
20	QPSK	50	50	22.03	22.08	22.15		
20	QPSK	100	0	22.02	22.16	22.12		
20	16QAM	1	0	22.18	22.2	22.38	23.2	1
20	16QAM	1	49	22.21	22.33	22.15		
20	16QAM	1	99	22.23	22.37	22.31		
20	16QAM	50	0	20.9	20.99	20.97	22.2	2
20	16QAM	50	24	21.12	20.99	21.2		
20	16QAM	50	50	21.13	21.13	21.19		
20	16QAM	100	0	21.07	21.13	21.1		
20	64QAM	1	0	21.21	21.12	21.2	22.2	2
20	64QAM	1	49	21.36	21.25	21.43		
20	64QAM	1	99	21.24	21.21	21.09		
20	64QAM	50	0	19.85	19.99	20.04	21.2	3
20	64QAM	50	24	20.12	20.12	20.08		
20	64QAM	50	50	20.08	20.14	20.18		
20	64QAM	100	0	20.1	20	20.15		
20	256QAM	1	0	18.23	18.29	18.26	19.2	5
20	256QAM	1	49	18.40	18.47	18.49		
20	256QAM	1	99	18.13	18.24	18.21		
20	256QAM	50	0	18.10	18.13	18.03	19.2	5
20	256QAM	50	24	18.09	18.14	18.07		
20	256QAM	50	50	18.14	18.14	18.05		
20	256QAM	100	0	18.04	18.09	18.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.01	23.02	24.2	0
15	QPSK	1	37	23.04	23.12	23.05		
15	QPSK	1	74	23.01	23.07	23.06		
15	QPSK	36	0	22.03	22.08	22.02	23.2	1
15	QPSK	36	20	22.03	22.07	22.03		
15	QPSK	36	39	22.05	22.15	22.1		
15	QPSK	75	0	22.05	22.12	22.1		
15	16QAM	1	0	22.07	22.41	22.05	23.2	1
15	16QAM	1	37	22.17	22.31	22.42		
15	16QAM	1	74	22.34	22.07	22.35		
15	16QAM	36	0	21.02	21.03	21.07	22.2	2
15	16QAM	36	20	21.1	21.07	21.12		
15	16QAM	36	39	21.02	21.24	21.11		
15	16QAM	75	0	21.08	21.14	21.04		
15	64QAM	1	0	21.08	21.05	21.03	22.2	2
15	64QAM	1	37	21.22	21.51	21.35		
15	64QAM	1	74	21.29	21.29	21.17		
15	64QAM	36	0	20.06	20.08	20.05	21.2	3
15	64QAM	36	20	20.02	20.12	20		
15	64QAM	36	39	20.02	20.16	20.16		
15	64QAM	75	0	20.1	20.13	20.04		
15	256QAM	1	0	18.23	18.32	18.21	19.2	5
15	256QAM	1	37	18.40	18.48	18.43		
15	256QAM	1	74	18.21	18.25	18.27		
15	256QAM	36	0	18.11	18.11	18.16	19.2	5
15	256QAM	36	20	18.05	18.15	18.15		
15	256QAM	36	39	18.10	18.12	18.15		
15	256QAM	75	0	18.04	18.12	18.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.03	23.09	23.03	24.2	0
10	QPSK	1	25	23.1	23.16	23.14		
10	QPSK	1	49	23.14	23.19	23.22		
10	QPSK	25	0	22.07	22.1	22.24	23.2	1
10	QPSK	25	12	22.13	22.22	22.29		
10	QPSK	25	25	22.14	22.26	22.23		
10	QPSK	50	0	22.11	22.18	22.28		
10	16QAM	1	0	22.21	22.33	22.31	23.2	1
10	16QAM	1	25	22.54	22.52	22.33		
10	16QAM	1	49	22.37	22.45	22.15		
10	16QAM	25	0	21.13	21.17	21.3	22.2	2
10	16QAM	25	12	21.14	21.29	21.23		
10	16QAM	25	25	21.2	21.3	21.2		
10	16QAM	50	0	21.17	21.2	21.27		
10	64QAM	1	0	21.14	21.44	21.1	22.2	2
10	64QAM	1	25	21.35	21.54	21.38		
10	64QAM	1	49	21.34	21.36	21.35		
10	64QAM	25	0	20.15	20.18	20.32	21.2	3
10	64QAM	25	12	20.18	20.21	20.26		
10	64QAM	25	25	20.21	20.23	20.23		
10	64QAM	50	0	20.09	20.15	20.17		
10	256QAM	1	0	18.25	18.24	18.25	19.2	5
10	256QAM	1	25	18.47	18.40	18.44		
10	256QAM	1	49	18.18	18.19	18.19		
10	256QAM	25	0	18.04	18.07	18.14	19.2	5
10	256QAM	25	12	18.09	18.10	18.13		
10	256QAM	25	25	18.12	18.16	18.14		
10	256QAM	50	0	18.06	18.10	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.1	23.17	23.13	24.2	0
5	QPSK	1	12	23.03	23.15	23.22		
5	QPSK	1	24	23.02	23.15	23.23		
5	QPSK	12	0	22.02	22.05	22.07	23.2	1
5	QPSK	12	7	22.13	22.25	22.29		
5	QPSK	12	13	22.17	22.34	22.28		
5	QPSK	25	0	22.12	22.19	22.17		
5	16QAM	1	0	22.58	22.5	22.66	23.2	1
5	16QAM	1	12	22.38	22.27	22.6		
5	16QAM	1	24	22.39	22.49	22.51		
5	16QAM	12	0	21.01	21.04	21.17	22.2	2
5	16QAM	12	7	21.2	21.25	21.29		
5	16QAM	12	13	21.05	21.28	21.32		
5	16QAM	25	0	21.08	21.16	21.16		
5	64QAM	1	0	21.29	21.16	21.4	22.2	2
5	64QAM	1	12	21.47	21.27	21.51		
5	64QAM	1	24	21.33	21.25	21.39		
5	64QAM	12	0	20.08	20.03	20.13	21.2	3
5	64QAM	12	7	20.14	20.26	20.24		
5	64QAM	12	13	20.23	20.22	20.3		
5	64QAM	25	0	20.21	20.2	20.16		
5	256QAM	1	0	18.31	18.28	18.26	19.2	5
5	256QAM	1	12	18.49	18.42	18.49		
5	256QAM	1	24	18.13	18.19	18.23		
5	256QAM	12	0	18.11	18.06	18.19	19.2	5
5	256QAM	12	7	18.06	18.09	18.16		
5	256QAM	12	13	18.11	18.17	18.16		
5	256QAM	25	0	18.01	18.08	18.06		

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.81	23.67	25	0
10	QPSK	1	25	23.48	23.67	23.49		
10	QPSK	1	49	23.36	23.43	23.39		
10	QPSK	25	0	22.67	22.78	22.61	24	1
10	QPSK	25	12	22.56	22.64	22.54		
10	QPSK	25	25	22.43	22.53	22.53		
10	QPSK	50	0	22.59	22.64	22.54		
10	16QAM	1	0	23.08	22.9	22.75	24	1
10	16QAM	1	25	22.83	22.86	22.62		
10	16QAM	1	49	22.73	22.76	22.63		
10	16QAM	25	0	21.52	21.52	21.55	23	2
10	16QAM	25	12	21.57	21.55	21.65		
10	16QAM	25	25	21.66	21.8	21.7		
10	16QAM	50	0	21.6	21.53	21.54		
10	64QAM	1	0	21.66	21.68	21.71	23	2
10	64QAM	1	25	21.71	21.87	22.07		
10	64QAM	1	49	21.81	22.02	21.65		
10	64QAM	25	0	20.48	20.49	20.56	22	3
10	64QAM	25	12	20.63	20.58	20.56		
10	64QAM	25	25	20.45	20.67	20.61		
10	64QAM	50	0	20.61	20.56	20.53		
10	256QAM	1	0	18.95	19.07	18.96	20	5
10	256QAM	1	25	19.03	19.09	18.99		
10	256QAM	1	49	19.18	19.25	19.27		
10	256QAM	25	0	18.98	19.05	19.04	20	5
10	256QAM	25	12	18.97	19.04	18.93		
10	256QAM	25	25	18.95	19.06	18.95		
10	256QAM	50	0	19.06	19.04	19.05		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.78	23.42	25	0
5	QPSK	1	12	23.5	23.55	23.6		
5	QPSK	1	24	23.49	23.64	23.59		
5	QPSK	12	0	22.46	22.56	22.57	24	1
5	QPSK	12	7	22.6	22.48	22.68		
5	QPSK	12	13	22.53	22.56	22.56		
5	QPSK	25	0	22.51	22.53	22.58		
5	16QAM	1	0	22.78	22.87	22.83	24	1
5	16QAM	1	12	23.04	23.27	23.19		
5	16QAM	1	24	22.88	22.84	23.11		
5	16QAM	12	0	21.52	21.53	21.56	23	2
5	16QAM	12	7	21.7	21.7	21.56		
5	16QAM	12	13	21.63	21.65	21.64		
5	16QAM	25	0	21.51	21.42	21.6		
5	64QAM	1	0	21.63	21.87	22.04	23	2
5	64QAM	1	12	22	22.06	21.76		
5	64QAM	1	24	21.79	21.81	21.94		
5	64QAM	12	0	20.66	20.52	20.57	22	3
5	64QAM	12	7	20.57	20.68	20.48		
5	64QAM	12	13	20.5	20.75	20.62		
5	64QAM	25	0	20.58	20.59	20.6		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.00	19.06	19.04		
5	256QAM	1	24	19.19	19.19	19.16		
5	256QAM	12	0	19.00	19.04	18.92	20	5
5	256QAM	12	7	18.97	19.04	19.10		
5	256QAM	12	13	18.98	19.08	19.08		
5	256QAM	25	0	19.03	19.01	18.97		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.34	23.52	23.49	25	0
3	QPSK	1	8	23.49	23.62	23.55		
3	QPSK	1	14	23.37	23.37	23.51		
3	QPSK	8	0	22.6	22.6	22.57	24	1
3	QPSK	8	4	22.59	22.64	22.62		
3	QPSK	8	7	22.56	22.56	22.58		
3	QPSK	15	0	22.59	22.51	22.54		
3	16QAM	1	0	22.84	22.76	22.98	24	1
3	16QAM	1	8	23.17	22.75	22.89		
3	16QAM	1	14	22.87	22.88	22.99		
3	16QAM	8	0	21.6	21.83	21.69	23	2
3	16QAM	8	4	21.65	21.79	21.74		
3	16QAM	8	7	21.57	21.72	21.71		
3	16QAM	15	0	21.55	21.44	21.54		
3	64QAM	1	0	21.79	21.51	21.76	23	2
3	64QAM	1	8	21.68	21.87	21.72		
3	64QAM	1	14	21.9	21.62	21.85		
3	64QAM	8	0	20.62	20.64	20.66	22	3
3	64QAM	8	4	20.55	20.7	20.7		
3	64QAM	8	7	20.5	20.6	20.62		
3	64QAM	15	0	20.7	20.59	20.62		
3	256QAM	1	0	19.02	19.07	18.97	20	5
3	256QAM	1	8	18.99	19.03	19.09		
3	256QAM	1	14	19.17	19.21	19.21		
3	256QAM	8	0	19.04	19.07	19.00	20	5
3	256QAM	8	4	18.96	19.02	19.09		
3	256QAM	8	7	19.00	19.08	19.00		
3	256QAM	15	0	19.05	19.07	18.94		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.53	23.57	23.49	25	0
1.4	QPSK	1	3	23.64	23.53	23.56		
1.4	QPSK	1	5	23.47	23.42	23.59		
1.4	QPSK	3	0	23.58	23.44	23.73		
1.4	QPSK	3	1	23.71	23.54	23.54		
1.4	QPSK	3	3	23.57	23.42	23.62		
1.4	QPSK	6	0	22.49	22.54	22.56	24	1
1.4	16QAM	1	0	22.92	22.97	22.78	24	1
1.4	16QAM	1	3	22.99	23.11	23.17		
1.4	16QAM	1	5	23.06	23.19	22.76		
1.4	16QAM	3	0	22.75	22.56	22.8		
1.4	16QAM	3	1	22.79	22.84	23.02		
1.4	16QAM	3	3	22.8	22.76	22.54		
1.4	16QAM	6	0	21.54	21.64	21.76	23	2
1.4	64QAM	1	0	21.9	21.8	21.82	23	2
1.4	64QAM	1	3	21.66	21.98	21.87		
1.4	64QAM	1	5	21.64	21.75	21.72		
1.4	64QAM	3	0	21.8	21.62	21.62		
1.4	64QAM	3	1	21.79	21.77	21.72		
1.4	64QAM	3	3	21.83	21.7	21.67		
1.4	64QAM	6	0	20.55	20.6	20.67	22	3
1.4	256QAM	1	0	19.02	19.04	18.99	20	5
1.4	256QAM	1	3	19.00	19.04	19.12		
1.4	256QAM	1	5	19.22	19.22	19.19		
1.4	256QAM	3	0	19.00	19.06	18.96		
1.4	256QAM	3	1	19.02	19.00	19.01		
1.4	256QAM	3	3	18.99	19.08	19.06		
1.4	256QAM	6	0	18.97	19.00	18.91	20	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.94		25	0
10	QPSK	1	25		23.88			
10	QPSK	1	49		23.72			
10	QPSK	25	0		22.82		24	1
10	QPSK	25	12		22.8			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.73			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.88		23	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.9			
10	16QAM	50	0		21.87			
10	64QAM	1	0		22.02		23	2
10	64QAM	1	25		21.78			
10	64QAM	1	49		22.1			
10	64QAM	25	0		20.78		22	3
10	64QAM	25	12		20.86			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.86			
10	256QAM	1	0		19.11		20	5
10	256QAM	1	25		19.16			
10	256QAM	1	49		19.23			
10	256QAM	25	0		19.06		20	5
10	256QAM	25	12		19.07			
10	256QAM	25	25		19.04			
10	256QAM	50	0		19.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.92	23.72	23.72	25	0
5	QPSK	1	12	23.89	23.93	23.79		
5	QPSK	1	24	23.92	23.9	23.77		
5	QPSK	12	0	22.81	22.8	22.74	24	1
5	QPSK	12	7	22.91	22.82	22.96		
5	QPSK	12	13	22.86	22.9	22.89		
5	QPSK	25	0	22.82	22.85	22.76		
5	16QAM	1	0	23.27	23.3	23.36	24	1
5	16QAM	1	12	23.32	23.32	23.58		
5	16QAM	1	24	23.25	23.27	23.41		
5	16QAM	12	0	21.8	21.81	21.86	23	2
5	16QAM	12	7	22.01	21.89	21.96		
5	16QAM	12	13	21.92	21.94	22.01		
5	16QAM	25	0	21.91	21.84	21.87		
5	64QAM	1	0	22.23	22.01	22.13	23	2
5	64QAM	1	12	22.12	21.85	22.16		
5	64QAM	1	24	22.17	21.99	21.94		
5	64QAM	12	0	20.83	20.83	20.87	22	3
5	64QAM	12	7	20.92	20.89	20.96		
5	64QAM	12	13	21.01	20.86	21.02		
5	64QAM	25	0	20.9	20.73	20.82		
5	256QAM	1	0	19.04	19.04	19.09	20	5
5	256QAM	1	12	19.13	19.12	19.16		
5	256QAM	1	24	19.22	19.22	19.19		
5	256QAM	12	0	19.04	19.05	19.00	20	5
5	256QAM	12	7	18.96	19.00	19.10		
5	256QAM	12	13	18.95	19.06	19.02		
5	256QAM	25	0	18.94	18.97	18.91		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.52	23.57	23.49	25	0
10	QPSK	1	25	23.32	23.48	23.35		
10	QPSK	1	49	23.29	23.37	23.28		
10	QPSK	25	0	22.45	22.58	22.48	24	1
10	QPSK	25	12	22.38	22.42	22.41		
10	QPSK	25	25	22.32	22.39	22.29		
10	QPSK	50	0	22.5	22.56	22.46		
10	16QAM	1	0	22.52	22.55	22.77	24	1
10	16QAM	1	25	22.88	22.83	22.89		
10	16QAM	1	49	22.75	22.89	22.85		
10	16QAM	25	0	21.49	21.42	21.54	23	2
10	16QAM	25	12	21.49	21.81	21.51		
10	16QAM	25	25	21.48	21.45	21.61		
10	16QAM	50	0	21.39	21.5	21.55		
10	64QAM	1	0	21.26	21.39	21.61	23	2
10	64QAM	1	25	21.58	21.68	21.58		
10	64QAM	1	49	21.61	21.58	21.55		
10	64QAM	25	0	20.54	20.45	20.43	22	3
10	64QAM	25	12	20.67	20.5	20.53		
10	64QAM	25	25	20.54	20.45	20.49		
10	64QAM	50	0	20.5	20.43	20.4		
10	256QAM	1	0	18.91	18.88	18.91	20	5
10	256QAM	1	25	18.82	18.94	18.92		
10	256QAM	1	49	18.82	18.91	18.85		
10	256QAM	25	0	18.83	18.87	18.77	20	5
10	256QAM	25	12	18.82	18.89	18.82		
10	256QAM	25	25	18.79	18.82	18.73		
10	256QAM	50	0	18.82	18.89	18.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.53	23.49	25	0
5	QPSK	1	12	23.4	23.36	23.45		
5	QPSK	1	24	23.28	23.25	23.26		
5	QPSK	12	0	22.54	22.56	22.5	24	1
5	QPSK	12	7	22.29	22.34	22.29		
5	QPSK	12	13	22.37	22.36	22.38		
5	QPSK	25	0	22.55	22.48	22.43		
5	16QAM	1	0	22.48	22.42	22.53	24	1
5	16QAM	1	12	22.79	22.7	22.82		
5	16QAM	1	24	22.88	22.84	22.8		
5	16QAM	12	0	21.35	21.41	21.36	23	2
5	16QAM	12	7	21.77	21.79	21.72		
5	16QAM	12	13	21.34	21.33	21.35		
5	16QAM	25	0	21.37	21.49	21.38		
5	64QAM	1	0	21.26	21.38	21.27	23	2
5	64QAM	1	12	21.54	21.67	21.54		
5	64QAM	1	24	21.54	21.53	21.44		
5	64QAM	12	0	20.38	20.35	20.44	22	3
5	64QAM	12	7	20.49	20.46	20.45		
5	64QAM	12	13	20.39	20.42	20.39		
5	64QAM	25	0	20.37	20.34	20.41		
5	256QAM	1	0	18.86	18.82	18.68	20	5
5	256QAM	1	12	18.88	18.74	18.75		
5	256QAM	1	24	18.73	18.76	18.88		
5	256QAM	12	0	18.73	18.86	18.75	20	5
5	256QAM	12	7	18.70	18.85	18.76		
5	256QAM	12	13	18.63	18.77	18.71		
5	256QAM	25	0	18.74	18.80	18.71		

Band 25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.83	23.91	23.89	25	0
20	QPSK	1	49	23.68	23.79	23.81		
20	QPSK	1	99	23.44	23.64	23.51		
20	QPSK	50	0	22.82	22.85	22.71	24	1
20	QPSK	50	24	22.79	22.78	22.7		
20	QPSK	50	50	22.72	22.64	22.61		
20	QPSK	100	0	22.74	22.82	22.66		
20	16QAM	1	0	22.83	23.09	22.87	24	1
20	16QAM	1	49	22.67	22.86	23.01		
20	16QAM	1	99	22.77	22.7	22.78		
20	16QAM	50	0	21.83	21.66	21.68	23	2
20	16QAM	50	24	21.89	21.67	21.77		
20	16QAM	50	50	21.72	21.72	21.71		
20	16QAM	100	0	21.8	21.76	21.65		
20	64QAM	1	0	21.98	21.91	21.92	23	2
20	64QAM	1	49	21.87	21.98	21.98		
20	64QAM	1	99	22.02	21.71	21.53		
20	64QAM	50	0	20.81	20.68	20.66	22	3
20	64QAM	50	24	20.85	20.86	20.77		
20	64QAM	50	50	20.71	20.59	20.76		
20	64QAM	100	0	20.8	20.74	20.78		
20	256QAM	1	0	19.03	19.04	19.02	20	5
20	256QAM	1	49	18.95	19.03	18.96		
20	256QAM	1	99	19.04	19.08	19.10		
20	256QAM	50	0	18.82	18.87	18.84	20	5
20	256QAM	50	24	18.85	18.90	18.79		
20	256QAM	50	50	18.74	18.83	18.71		
20	256QAM	100	0	18.82	18.92	18.85		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.87	23.59	23.73	25	0
15	QPSK	1	37	23.64	23.75	23.69		
15	QPSK	1	74	23.49	23.44	23.47		
15	QPSK	36	0	22.68	22.73	22.64	24	1
15	QPSK	36	20	22.8	22.67	22.65		
15	QPSK	36	39	22.68	22.67	22.7		
15	QPSK	75	0	22.85	22.79	22.68		
15	16QAM	1	0	22.72	22.73	23.09	24	1
15	16QAM	1	37	23.12	22.92	23.06		
15	16QAM	1	74	22.97	23.04	22.71		
15	16QAM	36	0	21.67	21.84	21.67	23	2
15	16QAM	36	20	21.85	21.72	21.71		
15	16QAM	36	39	21.83	21.7	21.75		
15	16QAM	75	0	21.78	21.72	21.7		
15	64QAM	1	0	21.84	21.63	21.86	23	2
15	64QAM	1	37	21.85	21.83	21.89		
15	64QAM	1	74	21.82	22.12	21.79		
15	64QAM	36	0	20.69	20.76	20.68	22	3
15	64QAM	36	20	20.83	20.62	20.69		
15	64QAM	36	39	20.76	20.69	20.78		
15	64QAM	75	0	20.74	20.78	20.69		
15	256QAM	1	0	19.01	18.99	18.95	20	5
15	256QAM	1	37	18.92	18.99	19.03		
15	256QAM	1	74	19.11	19.09	18.96		
15	256QAM	36	0	18.88	18.86	18.87	20	5
15	256QAM	36	20	18.81	18.90	18.78		
15	256QAM	36	39	18.78	18.80	18.78		
15	256QAM	75	0	18.85	18.90	18.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.68	23.85	23.72	25	0
10	QPSK	1	25	23.78	23.77	23.71		
10	QPSK	1	49	23.71	23.63	23.71		
10	QPSK	25	0	22.86	22.9	22.79	24	1
10	QPSK	25	12	22.92	22.82	22.86		
10	QPSK	25	25	22.82	22.78	22.8		
10	QPSK	50	0	22.82	22.83	22.82		
10	16QAM	1	0	23.01	22.88	22.98	24	1
10	16QAM	1	25	23.08	23.02	22.91		
10	16QAM	1	49	23.03	23.05	23.07		
10	16QAM	25	0	21.92	21.9	21.84	23	2
10	16QAM	25	12	21.94	21.95	21.91		
10	16QAM	25	25	21.87	21.83	21.85		
10	16QAM	50	0	21.83	21.95	21.85		
10	64QAM	1	0	21.74	22.05	22.02	23	2
10	64QAM	1	25	22.1	22.15	21.92		
10	64QAM	1	49	21.74	21.78	21.96		
10	64QAM	25	0	20.85	20.86	20.72	22	3
10	64QAM	25	12	20.92	20.92	20.93		
10	64QAM	25	25	20.87	20.9	20.82		
10	64QAM	50	0	20.94	20.81	20.88		
10	256QAM	1	0	18.98	19.01	19.02	20	5
10	256QAM	1	25	18.93	19.00	19.08		
10	256QAM	1	49	19.05	19.07	19.04		
10	256QAM	25	0	18.78	18.80	18.79	20	5
10	256QAM	25	12	18.81	18.92	18.82		
10	256QAM	25	25	18.75	18.86	18.78		
10	256QAM	50	0	18.82	18.90	18.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.86	23.8	23.73	25	0
5	QPSK	1	12	23.76	23.73	23.63		
5	QPSK	1	24	23.75	23.72	23.79		
5	QPSK	12	0	22.94	22.83	22.77	24	1
5	QPSK	12	7	22.96	22.83	22.84		
5	QPSK	12	13	22.89	22.83	22.78		
5	QPSK	25	0	22.84	22.81	22.8		
5	16QAM	1	0	22.96	23.05	22.81	24	1
5	16QAM	1	12	23.08	23.04	23.09		
5	16QAM	1	24	23.3	23.04	23.03		
5	16QAM	12	0	21.89	21.82	21.78	23	2
5	16QAM	12	7	21.84	21.8	21.88		
5	16QAM	12	13	21.84	21.81	21.89		
5	16QAM	25	0	21.86	21.79	21.81		
5	64QAM	1	0	22.12	21.98	22.01	23	2
5	64QAM	1	12	22.08	22.08	21.65		
5	64QAM	1	24	22.07	22.04	22.01		
5	64QAM	12	0	20.85	20.89	20.72	22	3
5	64QAM	12	7	20.92	20.88	20.74		
5	64QAM	12	13	21.01	20.8	20.84		
5	64QAM	25	0	20.85	20.84	20.75		
5	256QAM	1	0	18.99	18.97	18.96	20	5
5	256QAM	1	12	18.92	19.01	19.04		
5	256QAM	1	24	19.13	19.07	18.96		
5	256QAM	12	0	18.80	18.80	18.86	20	5
5	256QAM	12	7	18.77	18.89	18.88		
5	256QAM	12	13	18.75	18.85	18.80		
5	256QAM	25	0	18.78	18.86	18.88		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.76	23.68	23.69	25	0
3	QPSK	1	8	23.75	23.72	23.83		
3	QPSK	1	14	23.73	23.64	23.68		
3	QPSK	8	0	22.86	22.81	22.7	24	1
3	QPSK	8	4	22.89	22.85	22.78		
3	QPSK	8	7	22.9	22.84	22.85		
3	QPSK	15	0	22.87	22.77	22.65		
3	16QAM	1	0	23.02	23.01	23.07	24	1
3	16QAM	1	8	22.95	23.02	23.02		
3	16QAM	1	14	23.01	22.79	23.09		
3	16QAM	8	0	21.88	21.96	21.88	23	2
3	16QAM	8	4	21.98	21.98	21.88		
3	16QAM	8	7	21.92	21.88	21.91		
3	16QAM	15	0	21.86	21.75	21.81		
3	64QAM	1	0	21.79	21.96	22.01	23	2
3	64QAM	1	8	22.02	21.86	21.91		
3	64QAM	1	14	21.82	21.73	22.05		
3	64QAM	8	0	20.95	20.9	20.68	22	3
3	64QAM	8	4	20.74	20.99	20.89		
3	64QAM	8	7	20.99	20.78	20.97		
3	64QAM	15	0	20.83	20.87	20.81		
3	256QAM	1	0	18.99	19.02	19.03	20	5
3	256QAM	1	8	18.92	18.98	19.00		
3	256QAM	1	14	19.13	19.01	19.01		
3	256QAM	8	0	18.85	18.80	18.84	20	5
3	256QAM	8	4	18.76	18.91	18.88		
3	256QAM	8	7	18.74	18.79	18.75		
3	256QAM	15	0	18.86	18.86	18.94		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.71	23.87	23.64	25	0
1.4	QPSK	1	3	23.82	23.86	23.65		
1.4	QPSK	1	5	23.76	23.74	23.67		
1.4	QPSK	3	0	23.88	23.88	23.75		
1.4	QPSK	3	1	23.81	23.76	23.78		
1.4	QPSK	3	3	23.69	23.77	23.76		
1.4	QPSK	6	0	22.8	22.77	22.67	24	1
1.4	16QAM	1	0	22.99	23.11	22.87	24	1
1.4	16QAM	1	3	22.99	23.13	23.09		
1.4	16QAM	1	5	23.13	23.08	23.03		
1.4	16QAM	3	0	23.11	22.87	22.93		
1.4	16QAM	3	1	22.72	22.87	22.84		
1.4	16QAM	3	3	22.83	22.86	23.03		
1.4	16QAM	6	0	21.91	21.73	21.85	23	2
1.4	64QAM	1	0	21.89	21.92	21.91	23	2
1.4	64QAM	1	3	22.07	22.05	22.08		
1.4	64QAM	1	5	21.98	22.05	21.72		
1.4	64QAM	3	0	21.91	22.07	22.1		
1.4	64QAM	3	1	21.86	21.94	21.69		
1.4	64QAM	3	3	22.01	21.8	21.95		
1.4	64QAM	6	0	20.98	20.74	20.71	22	3
1.4	256QAM	1	0	19.06	19.02	18.96	20	5
1.4	256QAM	1	3	18.97	18.96	19.04		
1.4	256QAM	1	5	19.08	19.08	18.96		
1.4	256QAM	3	0	18.81	18.88	18.86		
1.4	256QAM	3	1	18.81	18.83	18.82		
1.4	256QAM	3	3	18.74	18.80	18.75		
1.4	256QAM	6	0	18.85	18.90	18.91	20	5

Band 26 for FCC_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.86	23.8	25	0
15	QPSK	1	37	23.55	23.73	23.57		
15	QPSK	1	74	23.49	23.77	23.52		
15	QPSK	36	0	22.64	22.84	22.81	24	1
15	QPSK	36	20	22.63	22.69	22.76		
15	QPSK	36	39	22.59	22.64	22.74		
15	QPSK	75	0	22.81	22.85	22.72		
15	16QAM	1	0	22.78	23.13	22.78	24	1
15	16QAM	1	37	22.99	23.16	22.93		
15	16QAM	1	74	22.8	23.13	23.12		
15	16QAM	36	0	21.67	21.79	21.74	23	2
15	16QAM	36	20	21.78	21.71	21.77		
15	16QAM	36	39	21.74	21.94	21.71		
15	16QAM	75	0	21.74	21.78	21.79		
15	64QAM	1	0	21.56	21.55	21.82	23	2
15	64QAM	1	37	21.73	21.87	22.02		
15	64QAM	1	74	21.73	21.87	22.03		
15	64QAM	36	0	20.69	20.86	20.69	22	3
15	64QAM	36	20	20.77	20.84	20.74		
15	64QAM	36	39	20.65	20.76	20.72		
15	64QAM	75	0	20.72	20.79	20.87		
15	256QAM	1	0	19.05	19.07	19.04	20	5
15	256QAM	1	37	19.17	19.16	19.14		
15	256QAM	1	74	19.02	19.05	19.09		
15	256QAM	36	0	18.90	18.97	18.96	20	5
15	256QAM	36	20	18.77	18.85	18.79		
15	256QAM	36	39	18.79	18.84	18.71		
15	256QAM	75	0	18.82	18.83	18.86		
Channel				26740	26855	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.6	23.78	23.81	25	0
10	QPSK	1	25	23.8	23.85	23.8		
10	QPSK	1	49	23.74	23.8	23.73		
10	QPSK	25	0	22.78	22.98	22.83	24	1
10	QPSK	25	12	22.83	22.91	22.85		
10	QPSK	25	25	22.79	22.97	22.83		
10	QPSK	50	0	22.85	22.94	22.95		
10	16QAM	1	0	23.01	23.03	23.09	24	1
10	16QAM	1	25	23.04	23.09	23.07		
10	16QAM	1	49	23.06	23.23	23.03		
10	16QAM	25	0	21.85	21.9	21.81	23	2
10	16QAM	25	12	21.89	22.04	21.97		
10	16QAM	25	25	21.75	21.97	21.99		
10	16QAM	50	0	21.79	21.92	21.96		
10	64QAM	1	0	21.67	21.9	22.08	23	2
10	64QAM	1	25	22.15	21.95	21.78		
10	64QAM	1	49	21.81	22.07	22.02		
10	64QAM	25	0	20.71	20.87	20.82	22	3
10	64QAM	25	12	20.92	21.01	20.9		
10	64QAM	25	25	20.93	21.05	20.79		
10	64QAM	50	0	20.84	20.96	20.89		
10	256QAM	1	0	19.12	19.01	19.05	20	5
10	256QAM	1	25	19.11	19.15	19.08		
10	256QAM	1	49	19.06	19.02	18.93		
10	256QAM	25	0	18.86	18.96	18.84	20	5
10	256QAM	25	12	18.75	18.81	18.81		
10	256QAM	25	25	18.78	18.84	18.77		
10	256QAM	50	0	18.84	18.80	18.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.74	23.72	25	0
5	QPSK	1	12	23.72	23.79	23.78		
5	QPSK	1	24	23.72	23.85	23.78		
5	QPSK	12	0	22.73	22.9	22.8	24	1
5	QPSK	12	7	22.78	23.02	22.83		
5	QPSK	12	13	22.77	22.92	22.86		
5	QPSK	25	0	22.77	22.83	22.77		
5	16QAM	1	0	23.36	23.27	23.24	24	1
5	16QAM	1	12	23.19	23.34	23.19		
5	16QAM	1	24	23.28	22.9	23.26		
5	16QAM	12	0	21.76	21.83	21.75	23	2
5	16QAM	12	7	21.98	21.88	21.92		
5	16QAM	12	13	21.86	21.98	21.88		
5	16QAM	25	0	21.87	21.88	21.89		
5	64QAM	1	0	21.83	21.96	22.17	23	2
5	64QAM	1	12	21.97	22.02	22.03		
5	64QAM	1	24	21.81	22.02	21.72		
5	64QAM	12	0	20.69	21.01	20.8	22	3
5	64QAM	12	7	20.89	21.1	20.81		
5	64QAM	12	13	20.73	21.02	20.85		
5	64QAM	25	0	20.75	20.82	20.71		
5	256QAM	1	0	19.04	19.00	18.97	20	5
5	256QAM	1	12	19.11	19.11	19.15		
5	256QAM	1	24	18.99	19.07	19.00		
5	256QAM	12	0	18.86	18.95	18.93	20	5
5	256QAM	12	7	18.79	18.88	18.75		
5	256QAM	12	13	18.75	18.83	18.82		
5	256QAM	25	0	18.81	18.76	18.85		
Channel				26703	26865	27027	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.55	23.82	23.75	25	0
3	QPSK	1	8	23.75	23.66	23.68		
3	QPSK	1	14	23.63	23.7	23.73		
3	QPSK	8	0	22.77	22.7	22.76	24	1
3	QPSK	8	4	22.78	22.9	22.86		
3	QPSK	8	7	22.77	22.81	22.79		
3	QPSK	15	0	22.7	22.69	22.8		
3	16QAM	1	0	23.04	22.92	22.71	24	1
3	16QAM	1	8	23.04	23.04	23.03		
3	16QAM	1	14	22.92	23.01	23.03		
3	16QAM	8	0	21.8	21.89	21.85	23	2
3	16QAM	8	4	21.83	22.03	21.97		
3	16QAM	8	7	21.88	21.86	21.92		
3	16QAM	15	0	21.87	21.8	21.75		
3	64QAM	1	0	22.13	22.12	22.29	23	2
3	64QAM	1	8	22.19	22.28	21.92		
3	64QAM	1	14	21.95	21.85	22.12		
3	64QAM	8	0	20.71	20.94	20.81	22	3
3	64QAM	8	4	20.81	20.88	20.91		
3	64QAM	8	7	20.89	20.95	20.81		
3	64QAM	15	0	20.79	20.72	20.78		
3	256QAM	1	0	19.05	19.04	19.01	20	5
3	256QAM	1	8	19.14	19.18	19.14		
3	256QAM	1	14	19.01	19.00	19.02		
3	256QAM	8	0	18.93	18.95	18.84	20	5
3	256QAM	8	4	18.80	18.86	18.74		
3	256QAM	8	7	18.77	18.77	18.77		
3	256QAM	15	0	18.86	18.82	18.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.7	23.72	23.67	25	0
1.4	QPSK	1	3	23.74	23.83	23.61		
1.4	QPSK	1	5	23.71	23.62	23.61		
1.4	QPSK	3	0	23.8	23.67	23.56		
1.4	QPSK	3	1	23.68	23.65	23.67		
1.4	QPSK	3	3	23.66	23.61	23.62		
1.4	QPSK	6	0	22.71	22.7	22.56	24	1
1.4	16QAM	1	0	22.87	23.12	22.78	24	1
1.4	16QAM	1	3	23.03	23	22.99		
1.4	16QAM	1	5	23.08	22.95	22.87		
1.4	16QAM	3	0	22.91	22.87	22.76		
1.4	16QAM	3	1	22.84	22.83	22.8		
1.4	16QAM	3	3	22.94	22.6	22.76		
1.4	16QAM	6	0	21.88	21.72	21.64	23	2
1.4	64QAM	1	0	21.68	22.05	21.64	23	2
1.4	64QAM	1	3	21.63	21.66	22.01		
1.4	64QAM	1	5	21.72	21.82	21.86		
1.4	64QAM	3	0	21.73	21.75	21.74		
1.4	64QAM	3	1	21.95	21.83	21.75		
1.4	64QAM	3	3	21.69	21.64	21.74		
1.4	64QAM	6	0	20.8	20.65	20.75	22	3
1.4	256QAM	1	0	19.11	19.10	19.02	20	5
1.4	256QAM	1	3	19.18	19.19	19.13		
1.4	256QAM	1	5	19.04	19.01	18.97		
1.4	256QAM	3	0	18.89	18.93	18.83		
1.4	256QAM	3	1	18.79	18.85	18.75		
1.4	256QAM	3	3	18.76	18.80	18.78		
1.4	256QAM	6	0	18.84	18.86	18.78	20	5

Band 30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		24.16		25	0
10	QPSK	1	25		24.12			
10	QPSK	1	49		24.05			
10	QPSK	25	0		23.08		24	1
10	QPSK	25	12		23.04			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.01			
10	16QAM	1	0		23.76		24	1
10	16QAM	1	25		23.56			
10	16QAM	1	49		23.57			
10	16QAM	25	0		22.1		23	2
10	16QAM	25	12		22.04			
10	16QAM	25	25		22.17			
10	16QAM	50	0		22			
10	64QAM	1	0		22.05		23	2
10	64QAM	1	25		22.09			
10	64QAM	1	49		22.4			
10	64QAM	25	0		21.18		22	3
10	64QAM	25	12		20.95			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.11			
10	256QAM	1	0		19.03		20	5
10	256QAM	1	25		19.17			
10	256QAM	1	49		18.84			
10	256QAM	25	0		18.95		20	5
10	256QAM	25	12		18.95			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.90			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.91	24.09	24	25	0
5	QPSK	1	12	23.93	24.08	24.09		
5	QPSK	1	24	24.02	24.07	23.94		
5	QPSK	12	0	23.07	23.06	23.18	24	1
5	QPSK	12	7	23.17	23.14	23.12		
5	QPSK	12	13	23.15	23.06	23.1		
5	QPSK	25	0	23.16	23.02	23.04		
5	16QAM	1	0	23.12	23.19	23.39	24	1
5	16QAM	1	12	23.17	23.13	23.17		
5	16QAM	1	24	23.18	22.94	23.23		
5	16QAM	12	0	22.23	22.27	22.16	23	2
5	16QAM	12	7	22.19	22.34	22.23		
5	16QAM	12	13	22.19	22.09	22.09		
5	16QAM	25	0	22.13	22.07	22.06		
5	64QAM	1	0	22.03	22.53	22.45	23	2
5	64QAM	1	12	22.25	22.43	22.07		
5	64QAM	1	24	22.12	22.26	22.41		
5	64QAM	12	0	21.09	21.12	21.14	22	3
5	64QAM	12	7	21.28	21.05	21.14		
5	64QAM	12	13	21.02	21.08	21.08		
5	64QAM	25	0	21.16	21.08	21.1		
5	256QAM	1	0	18.98	19.04	19.08	20	5
5	256QAM	1	12	19.17	19.10	19.07		
5	256QAM	1	24	18.86	18.83	18.78		
5	256QAM	12	0	18.85	18.89	18.94	20	5
5	256QAM	12	7	18.91	18.92	18.96		
5	256QAM	12	13	18.85	18.85	18.87		
5	256QAM	25	0	18.86	18.87	18.88		

Band 66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.77	23.93	23.83	25	0
20	QPSK	1	49	23.74	23.68	23.61		
20	QPSK	1	99	23.63	23.47	23.47		
20	QPSK	50	0	22.73	22.8	22.67	24	1
20	QPSK	50	24	22.68	22.73	22.62		
20	QPSK	50	50	22.76	22.58	22.58		
20	QPSK	100	0	22.69	22.76	22.55		
20	16QAM	1	0	22.65	22.81	22.99	24	1
20	16QAM	1	49	22.54	22.83	22.98		
20	16QAM	1	99	23.01	22.62	22.77		
20	16QAM	50	0	21.73	21.55	21.66	23	2
20	16QAM	50	24	21.73	21.69	21.61		
20	16QAM	50	50	21.68	21.68	21.52		
20	16QAM	100	0	21.67	21.67	21.52		
20	64QAM	1	0	21.77	21.93	21.91	23	2
20	64QAM	1	49	21.87	21.97	21.82		
20	64QAM	1	99	21.92	21.84	21.8		
20	64QAM	50	0	20.66	20.66	20.55	22	3
20	64QAM	50	24	20.79	20.69	20.66		
20	64QAM	50	50	20.74	20.63	20.65		
20	64QAM	100	0	20.79	20.55	20.61		
20	256QAM	1	0	18.75	18.85	18.81	20	5
20	256QAM	1	49	18.81	18.94	18.90		
20	256QAM	1	99	18.82	18.94	18.88		
20	256QAM	50	0	18.68	18.73	18.74	20	5
20	256QAM	50	24	18.71	18.76	18.68		
20	256QAM	50	50	18.69	18.74	18.74		
20	256QAM	100	0	18.69	18.76	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.62	23.59	23.65	25	0
15	QPSK	1	37	23.77	23.63	23.7		
15	QPSK	1	74	23.65	23.48	23.54		
15	QPSK	36	0	22.72	22.51	22.67	24	1
15	QPSK	36	20	22.76	22.69	22.61		
15	QPSK	36	39	22.71	22.55	22.57		
15	QPSK	75	0	22.8	22.56	22.71		
15	16QAM	1	0	22.66	22.83	22.94	24	1
15	16QAM	1	37	22.65	22.74	22.97		
15	16QAM	1	74	22.94	22.99	22.71		
15	16QAM	36	0	21.87	21.64	21.57	23	2
15	16QAM	36	20	21.78	21.67	21.64		
15	16QAM	36	39	21.74	21.66	21.71		
15	16QAM	75	0	21.69	21.63	21.6		
15	64QAM	1	0	21.62	21.55	21.68	23	2
15	64QAM	1	37	21.68	21.89	21.93		
15	64QAM	1	74	21.47	21.54	21.69		
15	64QAM	36	0	20.83	20.56	20.63	22	3
15	64QAM	36	20	20.66	20.62	20.71		
15	64QAM	36	39	20.79	20.57	20.66		
15	64QAM	75	0	20.73	20.57	20.62		
15	256QAM	1	0	18.71	18.81	18.79	20	5
15	256QAM	1	37	18.80	18.87	18.88		
15	256QAM	1	74	18.91	18.88	18.83		
15	256QAM	36	0	18.72	18.66	18.68	20	5
15	256QAM	36	20	18.76	18.74	18.78		
15	256QAM	36	39	18.71	18.75	18.62		
15	256QAM	75	0	18.74	18.69	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.72	23.56	23.61	25	0
10	QPSK	1	25	23.88	23.64	23.7		
10	QPSK	1	49	23.82	23.53	23.54		
10	QPSK	25	0	22.98	22.68	22.77	24	1
10	QPSK	25	12	22.95	22.84	22.71		
10	QPSK	25	25	22.84	22.78	22.79		
10	QPSK	50	0	22.87	22.77	22.72		
10	16QAM	1	0	22.99	23.04	23.08	24	1
10	16QAM	1	25	23.13	23.05	22.73		
10	16QAM	1	49	23.2	23.13	22.98		
10	16QAM	25	0	22.04	21.86	21.77	23	2
10	16QAM	25	12	21.94	21.78	21.81		
10	16QAM	25	25	21.9	21.76	21.71		
10	16QAM	50	0	21.95	21.79	21.66		
10	64QAM	1	0	21.92	21.65	22.02	23	2
10	64QAM	1	25	22.13	22.02	21.71		
10	64QAM	1	49	22	21.94	21.89		
10	64QAM	25	0	20.93	20.76	20.81	22	3
10	64QAM	25	12	20.88	20.91	20.78		
10	64QAM	25	25	20.95	20.68	20.87		
10	64QAM	50	0	20.86	20.81	20.73		
10	256QAM	1	0	18.71	18.86	18.78	20	5
10	256QAM	1	25	18.80	18.88	18.91		
10	256QAM	1	49	18.86	18.95	18.89		
10	256QAM	25	0	18.72	18.68	18.68	20	5
10	256QAM	25	12	18.77	18.78	18.76		
10	256QAM	25	25	18.68	18.74	18.67		
10	256QAM	50	0	18.73	18.74	18.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.79	23.81	23.79	25	0
5	QPSK	1	12	23.65	23.68	23.7		
5	QPSK	1	24	23.81	23.7	23.67		
5	QPSK	12	0	22.95	22.8	22.63	24	1
5	QPSK	12	7	22.92	22.8	22.84		
5	QPSK	12	13	22.8	22.76	22.73		
5	QPSK	25	0	22.85	22.72	22.75		
5	16QAM	1	0	23.04	23.12	22.79	24	1
5	16QAM	1	12	23.01	23.09	23.09		
5	16QAM	1	24	23.09	22.81	23.09		
5	16QAM	12	0	21.91	21.94	21.91	23	2
5	16QAM	12	7	22	21.87	21.94		
5	16QAM	12	13	21.92	21.8	21.74		
5	16QAM	25	0	21.87	21.84	21.86		
5	64QAM	1	0	21.99	22.18	21.96	23	2
5	64QAM	1	12	22.19	22.03	21.9		
5	64QAM	1	24	21.96	22.02	22.02		
5	64QAM	12	0	21.02	20.84	20.83	22	3
5	64QAM	12	7	20.93	20.76	20.88		
5	64QAM	12	13	20.92	20.82	20.71		
5	64QAM	25	0	20.9	20.82	20.8		
5	256QAM	1	0	18.80	18.86	18.76	20	5
5	256QAM	1	12	18.81	18.97	18.88		
5	256QAM	1	24	18.89	18.90	18.84		
5	256QAM	12	0	18.73	18.66	18.71	20	5
5	256QAM	12	7	18.71	18.78	18.75		
5	256QAM	12	13	18.75	18.68	18.61		
5	256QAM	25	0	18.73	18.69	18.71		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.69	23.69	23.58	25	0
3	QPSK	1	8	23.88	23.73	23.7		
3	QPSK	1	14	23.73	23.58	23.61		
3	QPSK	8	0	22.86	22.78	22.67	24	1
3	QPSK	8	4	22.84	22.78	22.67		
3	QPSK	8	7	22.84	22.73	22.83		
3	QPSK	15	0	22.88	22.74	22.69		
3	16QAM	1	0	23.08	23.03	22.87	24	1
3	16QAM	1	8	23.29	23.18	23.37		
3	16QAM	1	14	22.95	23	23.13		
3	16QAM	8	0	22.03	21.73	21.61	23	2
3	16QAM	8	4	22.01	21.91	21.74		
3	16QAM	8	7	21.77	21.78	21.88		
3	16QAM	15	0	21.86	21.77	21.7		
3	64QAM	1	0	22.13	21.95	22.22	23	2
3	64QAM	1	8	22.09	22.05	21.91		
3	64QAM	1	14	21.97	21.93	21.98		
3	64QAM	8	0	20.93	20.86	20.66	22	3
3	64QAM	8	4	20.97	20.77	20.74		
3	64QAM	8	7	20.92	20.81	20.78		
3	64QAM	15	0	20.87	20.82	20.69		
3	256QAM	1	0	18.73	18.85	18.76	20	5
3	256QAM	1	8	18.88	18.91	18.85		
3	256QAM	1	14	18.83	18.90	18.88		
3	256QAM	8	0	18.73	18.74	18.67	20	5
3	256QAM	8	4	18.74	18.71	18.78		
3	256QAM	8	7	18.72	18.72	18.69		
3	256QAM	15	0	18.67	18.76	18.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.85	23.62	23.64	25	0
1.4	QPSK	1	3	23.87	23.7	23.79		
1.4	QPSK	1	5	23.64	23.68	23.67		
1.4	QPSK	3	0	23.84	23.65	23.75		
1.4	QPSK	3	1	23.69	23.82	23.77		
1.4	QPSK	3	3	23.69	23.74	23.73		
1.4	QPSK	6	0	22.89	22.77	22.72	24	1
1.4	16QAM	1	0	23.04	23.03	23	24	1
1.4	16QAM	1	3	22.82	23.08	22.98		
1.4	16QAM	1	5	23.12	23.16	23.14		
1.4	16QAM	3	0	22.97	22.9	22.81		
1.4	16QAM	3	1	22.97	22.93	22.81		
1.4	16QAM	3	3	23.01	22.61	23.06		
1.4	16QAM	6	0	21.89	21.66	21.65	23	2
1.4	64QAM	1	0	21.87	21.76	22.16	23	2
1.4	64QAM	1	3	22.02	21.77	21.95		
1.4	64QAM	1	5	22.19	21.85	21.96		
1.4	64QAM	3	0	21.99	21.79	21.87		
1.4	64QAM	3	1	21.84	21.75	21.79		
1.4	64QAM	3	3	22.02	21.96	21.97		
1.4	64QAM	6	0	20.93	20.86	20.95	22	3
1.4	256QAM	1	0	18.72	18.79	18.84	20	5
1.4	256QAM	1	3	18.85	18.92	18.83		
1.4	256QAM	1	5	18.83	18.96	18.81		
1.4	256QAM	3	0	18.69	18.69	18.65		
1.4	256QAM	3	1	18.69	18.76	18.72		
1.4	256QAM	3	3	18.76	18.69	18.62		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.06	24.08	24.05	25	0
20	QPSK	1	49	23.96	23.98	23.87		
20	QPSK	1	99	23.73	23.76	23.75		
20	QPSK	50	0	22.97	23.04	22.96	24	1
20	QPSK	50	24	22.92	22.91	22.88		
20	QPSK	50	50	22.86	22.88	22.85		
20	QPSK	100	0	22.91	22.97	22.86		
20	16QAM	1	0	23.21	23.2	23.24	24	1
20	16QAM	1	49	23.25	23.16	23.22		
20	16QAM	1	99	23.07	23.04	23.02		
20	16QAM	50	0	21.93	22	22.01	23	2
20	16QAM	50	24	21.98	21.94	21.92		
20	16QAM	50	50	21.95	21.93	21.87		
20	16QAM	100	0	21.99	21.94	21.96		
20	64QAM	1	0	22.08	22.11	22.13	23	2
20	64QAM	1	49	22.14	22.16	22.182		
20	64QAM	1	99	22.02	22.07	22.09		
20	64QAM	50	0	20.98	20.94	20.97	22	3
20	64QAM	50	24	21.01	20.92	20.96		
20	64QAM	50	50	20.98	20.99	20.89		
20	64QAM	100	0	20.95	20.92	20.91		
20	256QAM	1	0	19.06	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.10		
20	256QAM	1	99	19.00	19.03	18.98		
20	256QAM	50	0	19.05	19.04	19.09	20	5
20	256QAM	50	24	18.87	18.87	18.82		
20	256QAM	50	50	18.95	18.95	18.98		
20	256QAM	100	0	18.79	18.92	18.89		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.05	23.95	25	0
15	QPSK	1	37	23.91	23.93	23.81		
15	QPSK	1	74	23.7	23.74	23.69		
15	QPSK	36	0	22.91	23.01	22.94	24	1
15	QPSK	36	20	22.83	22.88	22.86		
15	QPSK	36	39	22.83	22.81	22.78		
15	QPSK	75	0	22.84	22.86	22.78		
15	16QAM	1	0	23.2	23.1	23.16	24	1
15	16QAM	1	37	23.16	23.12	23.17		
15	16QAM	1	74	23.04	22.94	22.97		
15	16QAM	36	0	21.84	22.01	21.95	23	2
15	16QAM	36	20	21.9	21.91	21.89		
15	16QAM	36	39	21.88	21.92	21.83		
15	16QAM	75	0	21.96	21.88	21.95		
15	64QAM	1	0	22.03	22.02	22.11	23	2
15	64QAM	1	37	22.11	22.05	22.122		
15	64QAM	1	74	21.96	22.03	22.02		
15	64QAM	36	0	20.89	20.87	20.9	22	3
15	64QAM	36	20	20.94	20.89	20.96		
15	64QAM	36	39	20.91	20.99	20.85		
15	64QAM	75	0	20.88	20.86	20.89		
15	256QAM	1	0	19.06	19.08	19.01	20	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.03	19.06	18.99		
15	256QAM	36	0	19.04	19.05	19.06	20	5
15	256QAM	36	20	18.91	18.83	18.79		
15	256QAM	36	39	18.97	18.93	18.87		
15	256QAM	75	0	18.86	18.90	18.93		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.94	24.03	23.98	25	0
10	QPSK	1	25	23.89	23.92	23.87		
10	QPSK	1	49	23.74	23.73	23.69		
10	QPSK	25	0	22.93	22.94	22.93	24	1
10	QPSK	25	12	22.82	22.88	22.82		
10	QPSK	25	25	22.85	22.83	22.77		
10	QPSK	50	0	22.85	22.9	22.8		
10	16QAM	1	0	23.18	23.08	23.21	24	1
10	16QAM	1	25	23.22	23.13	23.17		
10	16QAM	1	49	23.02	22.99	22.97		
10	16QAM	25	0	21.89	22	21.93	23	2
10	16QAM	25	12	21.91	21.85	21.85		
10	16QAM	25	25	21.87	21.86	21.8		
10	16QAM	50	0	21.98	21.87	21.91		
10	64QAM	1	0	22.07	22.07	22.06	23	2
10	64QAM	1	25	22.13	22.07	22.072		
10	64QAM	1	49	21.93	22.01	22.04		
10	64QAM	25	0	20.96	20.91	20.92	22	3
10	64QAM	25	12	20.94	20.9	20.93		
10	64QAM	25	25	20.93	20.97	20.85		
10	64QAM	50	0	20.89	20.83	20.86		
10	256QAM	1	0	19.02	19.02	19.03	20	5
10	256QAM	1	25	19.04	19.11	19.09		
10	256QAM	1	49	18.97	19.01	18.96		
10	256QAM	25	0	19.04	19.02	19.01	20	5
10	256QAM	25	12	18.83	18.85	18.87		
10	256QAM	25	25	18.98	18.95	18.93		
10	256QAM	50	0	18.86	18.86	18.95		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.03	24.04	23.96	25	0
5	QPSK	1	12	23.93	23.92	23.83		
5	QPSK	1	24	23.69	23.73	23.7		
5	QPSK	12	0	22.92	22.96	22.91	24	1
5	QPSK	12	7	22.89	22.82	22.83		
5	QPSK	12	13	22.8	22.82	22.86		
5	QPSK	25	0	22.9	22.92	22.78		
5	16QAM	1	0	23.12	23.15	23.23	24	1
5	16QAM	1	12	23.14	23.1	23.19		
5	16QAM	1	24	23.06	22.97	22.91		
5	16QAM	12	0	21.82	21.98	21.94	23	2
5	16QAM	12	7	21.92	21.92	21.91		
5	16QAM	12	13	21.88	21.9	21.85		
5	16QAM	25	0	21.95	21.89	21.94		
5	64QAM	1	0	22.01	22.11	22.11	23	2
5	64QAM	1	12	22.1	22.12	22.112		
5	64QAM	1	24	22	22.01	22.03		
5	64QAM	12	0	20.94	20.91	20.95	22	3
5	64QAM	12	7	20.92	20.88	20.89		
5	64QAM	12	13	20.89	20.94	20.78		
5	64QAM	25	0	20.87	20.89	20.89		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.13	19.15	19.12		
5	256QAM	1	24	19.00	18.96	18.97		
5	256QAM	12	0	19.04	19.00	19.00	20	5
5	256QAM	12	7	18.87	18.89	18.81		
5	256QAM	12	13	18.95	18.91	18.88		
5	256QAM	25	0	18.79	18.95	18.94		

Band 38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.71	23.77	23.68	24.5	0
20	QPSK	1	49	23.62	23.55	23.55		
20	QPSK	1	99	23.5	23.39	23.5		
20	QPSK	50	0	22.55	22.64	22.6	23.5	1
20	QPSK	50	24	22.5	22.58	22.54		
20	QPSK	50	50	22.43	22.55	22.51		
20	QPSK	100	0	22.53	22.54	22.48		
20	16QAM	1	0	22.72	22.42	22.32	23.5	1
20	16QAM	1	49	22.45	22.54	22.76		
20	16QAM	1	99	22.29	22.71	22.78		
20	16QAM	50	0	21.48	21.53	21.54	22.5	2
20	16QAM	50	24	21.63	21.6	21.65		
20	16QAM	50	50	21.54	21.55	21.52		
20	16QAM	100	0	21.46	21.6	21.61		
20	64QAM	1	0	21.55	21.57	21.22	22.5	2
20	64QAM	1	49	21.62	21.68	21.64		
20	64QAM	1	99	21.32	21.52	21.58		
20	64QAM	50	0	20.48	20.42	20.51	21.5	3
20	64QAM	50	24	20.53	20.57	20.62		
20	64QAM	50	50	20.52	20.54	20.67		
20	64QAM	100	0	20.51	20.52	20.58		
20	256QAM	1	0	18.77	18.85	18.76	19.5	5
20	256QAM	1	49	18.75	18.79	18.78		
20	256QAM	1	99	18.84	18.85	18.87		
20	256QAM	50	0	18.66	18.67	18.67	19.5	5
20	256QAM	50	24	18.62	18.66	18.63		
20	256QAM	50	50	18.58	18.61	18.54		
20	256QAM	100	0	18.55	18.64	18.64		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.76	23.66	23.73	24.5	0
15	QPSK	1	37	23.67	23.66	23.64		
15	QPSK	1	74	23.5	23.47	23.57		
15	QPSK	36	0	22.61	22.57	22.51	23.5	1
15	QPSK	36	20	22.68	22.61	22.62		
15	QPSK	36	39	22.6	22.51	22.57		
15	QPSK	75	0	22.64	22.58	22.55		
15	16QAM	1	0	22.56	22.35	22.44	23.5	1
15	16QAM	1	37	22.68	22.53	22.49		
15	16QAM	1	74	22.78	22.42	22.47		
15	16QAM	36	0	21.58	21.56	21.47	22.5	2
15	16QAM	36	20	21.57	21.61	21.64		
15	16QAM	36	39	21.72	21.61	21.62		
15	16QAM	75	0	21.58	21.52	21.62		
15	64QAM	1	0	21.49	21.23	21.5	22.5	2
15	64QAM	1	37	21.64	21.62	21.65		
15	64QAM	1	74	21.64	21.31	21.47		
15	64QAM	36	0	20.59	20.57	20.61	21.5	3
15	64QAM	36	20	20.59	20.51	20.65		
15	64QAM	36	39	20.6	20.52	20.68		
15	64QAM	75	0	20.6	20.48	20.58		
15	256QAM	1	0	18.74	18.86	18.83	19.5	5
15	256QAM	1	37	18.77	18.79	18.75		
15	256QAM	1	74	18.82	18.84	18.75		
15	256QAM	36	0	18.61	18.62	18.65	19.5	5
15	256QAM	36	20	18.65	18.67	18.65		
15	256QAM	36	39	18.55	18.55	18.49		
15	256QAM	75	0	18.58	18.61	18.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.63	23.68	23.75	24.5	0
10	QPSK	1	25	23.61	23.7	23.69		
10	QPSK	1	49	23.61	23.62	23.74		
10	QPSK	25	0	22.77	22.69	22.64	23.5	1
10	QPSK	25	12	22.82	22.66	22.7		
10	QPSK	25	25	22.66	22.67	22.78		
10	QPSK	50	0	22.77	22.64	22.76		
10	16QAM	1	0	22.86	22.53	22.81	23.5	1
10	16QAM	1	25	22.69	22.69	22.66		
10	16QAM	1	49	22.81	22.56	22.82		
10	16QAM	25	0	21.73	21.62	21.71	22.5	2
10	16QAM	25	12	21.66	21.7	21.73		
10	16QAM	25	25	21.78	21.67	21.88		
10	16QAM	50	0	21.72	21.65	21.74		
10	64QAM	1	0	21.68	21.53	21.53	22.5	2
10	64QAM	1	25	21.42	21.57	21.69		
10	64QAM	1	49	21.64	21.48	21.57		
10	64QAM	25	0	20.86	20.59	20.79	21.5	3
10	64QAM	25	12	20.59	20.59	20.67		
10	64QAM	25	25	20.56	20.67	20.73		
10	64QAM	50	0	20.65	20.68	20.69		
10	256QAM	1	0	18.80	18.83	18.87	19.5	5
10	256QAM	1	25	18.78	18.79	18.75		
10	256QAM	1	49	18.88	18.83	18.79		
10	256QAM	25	0	18.60	18.66	18.72	19.5	5
10	256QAM	25	12	18.63	18.68	18.58		
10	256QAM	25	25	18.57	18.57	18.58		
10	256QAM	50	0	18.64	18.61	18.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.71	23.6	23.56	24.5	0
5	QPSK	1	12	23.65	23.67	23.55		
5	QPSK	1	24	23.73	23.59	23.65		
5	QPSK	12	0	22.75	22.62	22.71	23.5	1
5	QPSK	12	7	22.79	22.62	22.78		
5	QPSK	12	13	22.72	22.64	22.71		
5	QPSK	25	0	22.72	22.66	22.68		
5	16QAM	1	0	22.73	22.71	22.42	23.5	1
5	16QAM	1	12	22.71	22.71	22.85		
5	16QAM	1	24	22.76	22.72	22.65		
5	16QAM	12	0	21.85	21.78	21.69	22.5	2
5	16QAM	12	7	21.82	21.7	21.81		
5	16QAM	12	13	21.61	21.58	21.64		
5	16QAM	25	0	21.74	21.68	21.71		
5	64QAM	1	0	21.67	21.62	21.77	22.5	2
5	64QAM	1	12	21.72	21.48	21.75		
5	64QAM	1	24	21.43	21.54	21.56		
5	64QAM	12	0	20.82	20.53	20.67	21.5	3
5	64QAM	12	7	20.97	20.65	20.84		
5	64QAM	12	13	20.76	20.73	20.77		
5	64QAM	25	0	20.7	20.7	20.67		
5	256QAM	1	0	18.80	18.78	18.79	19.5	5
5	256QAM	1	12	18.74	18.78	18.78		
5	256QAM	1	24	18.86	18.82	18.82		
5	256QAM	12	0	18.69	18.68	18.70	19.5	5
5	256QAM	12	7	18.67	18.62	18.63		
5	256QAM	12	13	18.52	18.64	18.58		
5	256QAM	25	0	18.65	18.65	18.67		

Band 41_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.13	24.44	24.23	24.23	23.94	25	0
20	QPSK	1	49	23.99	24.07	24.08	24.08	24.01		
20	QPSK	1	99	23.96	23.99	24.22	24.22	23.98		
20	QPSK	50	0	23.11	23.26	23.21	23.21	23.17	24	1
20	QPSK	50	24	23.02	23.16	23.02	23.02	23.01		
20	QPSK	50	50	23.05	23.17	23.19	23.19	23.03		
20	QPSK	100	0	23.11	23.23	23.05	23.05	23.12		
20	16QAM	1	0	23.06	23	23.25	23.25	22.93	24	1
20	16QAM	1	49	23.03	23.19	23	23	23.14		
20	16QAM	1	99	22.93	23.18	23.02	23.02	23.14		
20	16QAM	50	0	22.1	22.04	22.11	22.11	22.01	23	2
20	16QAM	50	24	22.07	22.14	22.11	22.11	22.01		
20	16QAM	50	50	22.06	22.25	22.27	22.27	22.05		
20	16QAM	100	0	22.06	22.12	22.11	22.11	22.15		
20	64QAM	1	0	22.05	21.73	22.05	22.05	22.09	23	2
20	64QAM	1	49	21.78	21.73	21.98	21.98	22.06		
20	64QAM	1	99	22.02	22.08	21.76	21.76	21.84		
20	64QAM	50	0	21.02	21.01	21.08	21.08	21.03	22	3
20	64QAM	50	24	21.13	21.07	21.11	21.11	21.08		
20	64QAM	50	50	21.06	21.19	21.1	21.1	21.16		
20	64QAM	100	0	21.09	21.13	21.05	21.05	21.03		
20	256QAM	1	0	19.12	19.14	19.12	19.08	19.09	20	5
20	256QAM	1	49	18.99	19.03	19.01	18.99	18.98		
20	256QAM	1	99	18.94	19.01	18.93	18.99	18.90		
20	256QAM	50	0	19.13	19.11	19.09	19.07	19.08	20	5
20	256QAM	50	24	19.03	19.04	19.09	18.99	18.99		
20	256QAM	50	50	19.07	19.09	19.03	19.05	19.02		
20	256QAM	100	0	19.16	19.14	19.05	19.06	19.04		
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	23.94	24.12	24.16	23.96	24.01	25	0
15	QPSK	1	37	23.97	24.12	24.18	24.19	23.95		
15	QPSK	1	74	23.9	24.21	24.05	24.07	23.95		
15	QPSK	36	0	22.97	23.12	23.04	23.08	22.99	24	1
15	QPSK	36	20	23.09	23.18	23.1	23	23.01		
15	QPSK	36	39	23.05	23.15	23.1	23.17	23.07		
15	QPSK	75	0	23.04	23.25	23.09	23.08	22.95		
15	16QAM	1	0	23.17	23.05	22.85	22.9	22.92	24	1
15	16QAM	1	37	22.87	23.01	23.06	23.07	23.16		
15	16QAM	1	74	22.88	23.19	23.12	23.04	22.97		
15	16QAM	36	0	22.08	22.16	22.02	22.04	21.98	23	2
15	16QAM	36	20	22.07	22.13	22.15	22	22		
15	16QAM	36	39	22.05	22.21	22.17	22.24	22.13		
15	16QAM	75	0	22.06	22.14	22.11	22.07	22.1		
15	64QAM	1	0	21.91	21.84	22.22	22.11	21.98	23	2
15	64QAM	1	37	22	22.2	22.07	21.83	22.03		
15	64QAM	1	74	22.15	21.99	22.2	22.1	22.17		
15	64QAM	36	0	20.99	21.11	21.01	21.06	21.11	22	3
15	64QAM	36	20	21.11	21.19	21.16	21.07	21.01		
15	64QAM	36	39	21.08	21.19	21.12	21.16	21.06		
15	64QAM	75	0	21.02	21.13	21.17	21.05	21.11		
15	256QAM	1	0	19.12	19.07	19.13	19.07	19.06	20	5
15	256QAM	1	37	18.91	19.06	19.07	19.01	18.91		
15	256QAM	1	74	18.93	18.97	18.94	18.98	18.98		
15	256QAM	36	0	19.11	19.09	19.05	19.08	19.04	20	5
15	256QAM	36	20	18.99	19.05	18.99	18.97	18.96		
15	256QAM	36	39	19.05	19.08	19.05	18.97	19.02		
15	256QAM	75	0	19.15	19.12	19.10	19.06	19.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.11	24.13	24.17	24.22	24.26	25	0
10	QPSK	1	25	24.19	24.25	24.15	24.41	24.21		
10	QPSK	1	49	24.01	24.28	24.13	24.41	23.99		
10	QPSK	25	0	23.25	23.26	23.17	23.1	23.16	24	1
10	QPSK	25	12	23.22	23.34	23.33	23.23	23.34		
10	QPSK	25	25	23.23	23.34	23.33	23.27	23.3		
10	QPSK	50	0	23.16	23.35	23.32	23.29	23.33		
10	16QAM	1	0	23.16	23.54	23.24	23.37	23.3	24	1
10	16QAM	1	25	23.31	23.25	23.32	23.21	23.15		
10	16QAM	1	49	23.24	23.22	23.24	23.24	23.17		
10	16QAM	25	0	22.25	22.37	22.31	22.1	22.19	23	2
10	16QAM	25	12	22.27	22.37	22.29	22.29	22.32		
10	16QAM	25	25	22.2	22.32	22.37	22.31	22.33		
10	16QAM	50	0	22.3	22.29	22.3	22.25	22.32		
10	64QAM	1	0	22.02	22.1	22.28	22.11	22.1	23	2
10	64QAM	1	25	22.21	22.21	22.27	22.26	21.98		
10	64QAM	1	49	22.27	21.85	22.25	22.17	22.23		
10	64QAM	25	0	21.18	21.17	21.2	21.21	21.18	22	3
10	64QAM	25	12	21.22	21.29	21.33	21.23	21.25		
10	64QAM	25	25	21.21	21.29	21.22	21.26	21.24		
10	64QAM	50	0	21.19	21.29	21.31	21.21	21.24		
10	256QAM	1	0	19.17	19.12	19.11	19.11	19.05	20	5
10	256QAM	1	25	18.92	19.05	19.03	19.02	18.99		
10	256QAM	1	49	18.94	19.01	18.95	18.97	18.99		
10	256QAM	25	0	19.08	19.14	19.07	19.14	19.11	20	5
10	256QAM	25	12	18.99	19.07	19.05	19.03	18.96		
10	256QAM	25	25	19.09	19.08	19.11	18.97	19.05		
10	256QAM	50	0	19.08	19.07	19.11	19.12	19.08		
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	24.15	24.31	24.21	24.14	24.23	25	0
5	QPSK	1	12	24.18	24.35	24.1	24.25	24.41		
5	QPSK	1	24	24.22	24.32	24.14	24.24	24.16		
5	QPSK	12	0	23.17	23.35	23.26	23.22	23.3	24	1
5	QPSK	12	7	23.2	23.39	23.25	23.26	23.35		
5	QPSK	12	13	23.2	23.37	23.25	23.22	23.38		
5	QPSK	25	0	23.16	23.23	23.26	23.19	23.25		
5	16QAM	1	0	22.97	23.14	22.99	23.24	23.25	24	1
5	16QAM	1	12	22.82	23.24	23.29	23.25	23.22		
5	16QAM	1	24	23.02	23.28	23.24	23.26	23.27		
5	16QAM	12	0	22.14	22.3	22.38	22.3	22.36	23	2
5	16QAM	12	7	22.13	22.3	22.35	22.34	22.47		
5	16QAM	12	13	22.15	22.26	22.18	22.24	22.32		
5	16QAM	25	0	22.15	22.36	22.21	22.18	22.26		
5	64QAM	1	0	22.28	22.14	21.92	22.21	22.23	23	2
5	64QAM	1	12	22.35	22.23	22.18	22.23	22.37		
5	64QAM	1	24	22.22	22.25	22.28	22.22	22.17		
5	64QAM	12	0	21.18	21.49	21.31	21.24	21.4	22	3
5	64QAM	12	7	21.14	21.39	21.37	21.29	21.37		
5	64QAM	12	13	21.18	21.31	21.3	21.03	21.32		
5	64QAM	25	0	21.23	21.26	21.24	21.27	21.2		
5	256QAM	1	0	19.18	19.09	19.12	19.14	19.07	20	5
5	256QAM	1	12	18.91	18.97	19.06	19.02	18.94		
5	256QAM	1	24	18.97	18.96	18.96	18.94	18.93		
5	256QAM	12	0	19.06	19.06	19.05	19.05	19.08	20	5
5	256QAM	12	7	19.01	19.06	19.00	18.98	18.95		
5	256QAM	12	13	19.09	19.08	19.13	19.05	19.01		
5	256QAM	25	0	19.09	19.15	19.15	19.09	19.11		

Band 41 HPUE_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.93	26.12	26.09	26.05	25.95	27	0
20	QPSK	1	49	25.77	25.87	25.87	26	25.71		
20	QPSK	1	99	25.75	25.91	25.8	25.86	26.05		
20	QPSK	50	0	24.84	25.09	24.87	24.77	24.87	26	1
20	QPSK	50	24	24.96	24.95	24.82	24.89	24.89		
20	QPSK	50	50	24.89	25.08	24.93	25	24.89		
20	QPSK	100	0	24.85	24.97	24.93	24.94	24.9		
20	16QAM	1	0	24.8	25.22	25.16	25.06	24.93	26	1
20	16QAM	1	49	24.88	24.98	25.16	24.8	25.15		
20	16QAM	1	99	24.9	24.98	24.91	25.25	25.22		
20	16QAM	50	0	23.92	23.93	23.89	23.83	23.9	25	2
20	16QAM	50	24	23.93	24.08	23.97	23.83	23.83		
20	16QAM	50	50	24	24.01	24.02	23.99	23.85		
20	16QAM	100	0	23.9	24.01	23.95	23.84	23.91		
20	64QAM	1	0	24.09	23.86	23.98	24	23.87	25	2
20	64QAM	1	49	23.9	24.25	24.01	24	24.06		
20	64QAM	1	99	23.82	24.24	23.83	24.2	23.83		
20	64QAM	50	0	22.88	22.85	22.89	22.82	22.75	24	3
20	64QAM	50	24	22.87	23.06	22.79	22.94	22.8		
20	64QAM	50	50	22.93	23.1	23	23.03	22.85		
20	64QAM	100	0	22.9	22.97	22.82	22.88	22.92		
20	256QAM	1	0	21.19	21.32	21.29	21.24	21.26	22	5
20	256QAM	1	49	21.18	21.21	21.22	21.16	21.25		
20	256QAM	1	99	21.15	21.13	21.16	21.09	21.04		
20	256QAM	50	0	21.04	21.12	21.09	21.11	21.10	22	5
20	256QAM	50	24	21.02	20.99	21.04	21.00	20.99		
20	256QAM	50	50	20.98	21.11	21.08	21.09	21.04		
20	256QAM	100	0	21.12	21.07	21.11	21.08	21.12		
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	25.58	25.82	25.66	25.74	25.82	27	0
15	QPSK	1	37	25.69	25.85	25.76	25.83	25.75		
15	QPSK	1	74	25.7	25.84	25.87	25.79	25.78		
15	QPSK	36	0	24.91	25.04	24.83	24.84	24.89	26	1
15	QPSK	36	20	24.88	24.98	25.02	24.91	24.81		
15	QPSK	36	39	24.87	25.05	24.98	24.96	24.89		
15	QPSK	75	0	24.92	25.04	24.93	24.88	24.88		
15	16QAM	1	0	25.12	25.29	25.1	25.23	24.88	26	1
15	16QAM	1	37	25.2	25.2	25	25.14	24.89		
15	16QAM	1	74	24.96	25.24	25.28	25.28	24.8		
15	16QAM	36	0	23.81	24	23.87	23.95	23.8	25	2
15	16QAM	36	20	23.94	24.04	23.99	23.89	23.7		
15	16QAM	36	39	23.93	23.99	24.04	23.92	23.95		
15	16QAM	75	0	23.95	24.02	23.94	23.88	23.82		
15	64QAM	1	0	24.07	24.04	23.93	23.82	24.14	25	2
15	64QAM	1	37	24.11	24.11	24.3	23.92	23.84		
15	64QAM	1	74	24.19	23.89	24.19	24.14	24.13		
15	64QAM	36	0	22.8	23.02	22.84	22.89	22.87	24	3
15	64QAM	36	20	22.92	22.96	22.97	22.84	22.83		
15	64QAM	36	39	23	22.96	23.04	23.04	22.99		
15	64QAM	75	0	22.96	23.05	23.02	22.83	22.69		
15	256QAM	1	0	21.19	21.24	21.18	21.19	21.29	22	5
15	256QAM	1	37	21.25	21.22	21.23	21.14	21.26		
15	256QAM	1	74	21.09	21.12	21.11	21.06	21.04		
15	256QAM	36	0	21.04	21.02	21.02	21.07	21.12	22	5
15	256QAM	36	20	21.01	20.99	21.06	21.04	21.06		
15	256QAM	36	39	21.06	21.06	21.02	21.04	21.02		
15	256QAM	75	0	21.12	21.14	21.08	21.08	21.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.87	26.09	26.01	25.83	26.02	27	0
10	QPSK	1	25	25.88	26.01	25.99	25.99	26.02		
10	QPSK	1	49	26.01	26.05	26.05	26.05	26.02		
10	QPSK	25	0	24.99	25.09	24.91	24.95	24.93	26	1
10	QPSK	25	12	25.08	25.08	25.14	25.1	25.16		
10	QPSK	25	25	25.06	25.16	25.16	25.15	25.1		
10	QPSK	50	0	25.01	25.14	25.05	25.05	25.06		
10	16QAM	1	0	24.99	25.27	25.35	25.23	25.39	26	1
10	16QAM	1	25	25.25	25.08	25.37	25.33	25.01		
10	16QAM	1	49	25.31	25.38	25.29	25.33	25.34		
10	16QAM	25	0	24.08	23.99	24.1	23.99	23.99	25	2
10	16QAM	25	12	24.19	24.07	24.1	24.1	24.15		
10	16QAM	25	25	24.07	24.13	24.14	24.17	24.11		
10	16QAM	50	0	23.97	24.13	24.11	24.08	24.12		
10	64QAM	1	0	24.21	24.36	24.3	24.31	24.35	25	2
10	64QAM	1	25	24.35	24.42	24.48	24.1	24.29		
10	64QAM	1	49	24.23	24.24	24.21	24.13	24.21		
10	64QAM	25	0	22.92	23.19	23.09	23.06	22.92	24	3
10	64QAM	25	12	23.13	23.16	23.06	23.07	23.04		
10	64QAM	25	25	22.97	23.19	23.02	23.16	22.97		
10	64QAM	50	0	23.01	23.1	23.1	23.08	23.15		
10	256QAM	1	0	21.16	21.31	21.23	21.25	21.26	22	5
10	256QAM	1	25	21.23	21.17	21.19	21.21	21.23		
10	256QAM	1	49	21.08	21.10	21.19	21.11	21.06		
10	256QAM	25	0	21.08	21.08	21.04	21.13	21.11	22	5
10	256QAM	25	12	21.07	20.97	21.00	21.03	21.04		
10	256QAM	25	25	20.99	21.06	21.00	21.07	21.11		
10	256QAM	50	0	21.14	21.14	21.05	21.14	21.11		
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	25.84	26	25.94	25.82	25.95	27	0
5	QPSK	1	12	25.99	25.96	25.94	25.96	25.94		
5	QPSK	1	24	25.85	25.98	25.93	25.92	25.97		
5	QPSK	12	0	25.05	25.14	25.02	25.06	24.99	26	1
5	QPSK	12	7	25.02	25.16	25.15	25.04	25.15		
5	QPSK	12	13	25.06	25.08	25.07	25.13	25.14		
5	QPSK	25	0	25.09	25.15	25.03	25.08	25.07		
5	16QAM	1	0	25.49	25.09	25.26	25.19	25.32	26	1
5	16QAM	1	12	25.31	25.3	25.31	25.22	25.39		
5	16QAM	1	24	25.26	25.03	25.43	25.39	25.31		
5	16QAM	12	0	24.08	24.15	24.14	24.07	24.07	25	2
5	16QAM	12	7	24.07	24.26	24.2	24.09	24.14		
5	16QAM	12	13	24.08	24.13	24.08	24.03	24.17		
5	16QAM	25	0	24.03	24.1	24.07	24.07	24.11		
5	64QAM	1	0	23.91	24.22	24.3	24.09	24.3	25	2
5	64QAM	1	12	24.03	24.36	24.15	24.31	24.37		
5	64QAM	1	24	24.07	24.33	24.28	24.31	24.35		
5	64QAM	12	0	23.03	23.17	23.21	23.11	23.06	24	3
5	64QAM	12	7	23.11	23.19	23.16	23.19	23.09		
5	64QAM	12	13	23.1	23.18	23.13	23.16	23		
5	64QAM	25	0	22.97	23.22	23.05	23.11	23.04		
5	256QAM	1	0	21.15	21.25	21.26	21.15	21.32	22	5
5	256QAM	1	12	21.23	21.18	21.14	21.15	21.18		
5	256QAM	1	24	21.11	21.13	21.16	21.10	21.05		
5	256QAM	12	0	21.07	21.03	20.97	21.08	21.13	22	5
5	256QAM	12	7	21.00	20.98	21.02	21.05	21.08		
5	256QAM	12	13	21.01	21.08	21.02	21.07	21.06		
5	256QAM	25	0	21.07	21.06	21.00	21.14	21.06		

Reduced Power for DSI5

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.65	33.46	33.26	**34.00**	24.65	24.46	24.26	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.62	33.43	33.24	**34.00**	24.62	24.43	24.24	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.49	30.68	30.70	**31.00**	24.49	24.68	24.70	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.28	28.31	28.02	**29.20**	24.02	24.05	23.76	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.03	27.08	27.01	**28.00**	24.03	24.08	24.01	25.00
EDGE 1 Tx slot		27.15	27.12	26.91	**28.00**	18.15	18.12	17.91	19.00
EDGE 2 Tx slots		25.05	25.01	24.81	**25.20**	19.05	19.01	18.81	19.20
EDGE 3 Tx slots		23.83	23.71	23.59	**24.00**	19.57	19.45	19.33	19.74
EDGE 4 Tx slots		23.07	23.14	23.03	**23.50**	20.07	20.14	20.03	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.32	30.66	30.56	**31.00**	24.35	24.63	24.54	24.98
	GPRS 1 Tx slot	30.43	30.65	30.56	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.36	30.61	30.64	**31.00**	24.37	24.55	24.62	24.98
	GPRS 1 Tx slot	30.43	30.53	30.65	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.28	28.29	28.07	**29.20**	23.99	24.02	23.80	24.94
	GPRS 2 Tx slots	28.23	28.27	28.06	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.54	30.67	30.64	**31.00**	22.51	22.61	22.54	22.98
	EDGE 1 Tx slot	24.68	24.67	24.44	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.48	30.64	30.76	**31.00**	22.47	22.58	22.66	22.98
	EDGE 1 Tx slot	24.73	24.64	24.56	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.24	28.30	28.02	**29.20**	21.48	21.47	21.24	22.22
	EDGE 2 Tx slots	23.61	23.48	23.34	**24.00**				

GSM1900_ANT 2		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		24.68	24.71	24.51	**25.50**	15.68	15.71	15.51	16.50
GPRS/EDGE(GMSK) 1 Tx slot		24.91	24.69	24.54	**25.50**	15.91	15.69	15.54	16.50
GPRS/EDGE(GMSK) 2 Tx slots		21.58	21.42	21.20	**22.50**	15.58	15.42	15.20	16.50
GPRS/EDGE(GMSK) 3 Tx slots		19.83	19.67	19.45	**20.70**	15.57	15.41	15.19	16.44
GPRS/EDGE(GMSK) 4 Tx slots		18.45	18.65	18.17	**19.50**	15.45	15.65	15.17	16.50
EDGE 1 Tx slot		20.58	20.44	20.52	**21.00**	11.58	11.44	11.52	12.00
EDGE 2 Tx slots		17.95	17.96	17.99	**19.70**	11.95	11.96	11.99	13.70
EDGE 3 Tx slots		15.99	15.84	15.68	**17.50**	11.73	11.58	11.42	13.24
EDGE 4 Tx slots		14.77	14.65	14.74	**16.50**	11.77	11.65	11.74	13.50
DTM Multi-slot class 5	GSM 1 Tx slot	21.86	21.71	21.48	**22.50**	15.80	15.75	15.54	16.48
	GPRS 1 Tx slot	21.79	21.83	21.63	**22.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.90	21.65	21.62	**22.50**	15.84	15.71	15.53	16.48
	GPRS 1 Tx slot	21.83	21.81	21.49	**22.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.48	20.02	20.15	**20.70**	16.08	15.77	15.73	16.44
	GPRS 2 Tx slots	20.27	20.03	19.91	**20.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	21.92	21.81	21.50	**22.50**	14.26	14.22	13.96	15.30
	EDGE 1 Tx slot	17.63	17.77	17.62	**19.70**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.91	21.89	21.79	**22.50**	14.28	14.29	14.18	15.30
	EDGE 1 Tx slot	17.72	17.79	17.65	**19.70**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.32	19.91	19.92	**20.70**	13.46	13.28	13.31	14.59
	EDGE 2 Tx slots	15.44	15.57	15.63	**17.50**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.93	16.93	16.83	**17.50**	17.28	17.43	17.19	**18.00**	22.05	22.11	21.99	**23.00**
3GPP Rel 99	RMC 12.2Kbps	17.02	17.08	17.03	**17.50**	17.44	17.52	17.36	**18.00**	22.04	22.17	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-1	15.93	15.99	16.01	**16.50**	16.64	16.73	16.62	**17.00**	21.00	20.88	20.84	**22.00**
3GPP Rel 6	HSDPA Subtest-2	16.00	15.87	16.05	**16.50**	16.67	16.74	16.62	**17.00**	20.86	20.95	20.81	**22.00**
3GPP Rel 6	HSDPA Subtest-3	15.34	15.49	15.47	**16.00**	16.10	16.28	16.05	**16.50**	20.44	20.41	20.41	**21.50**
3GPP Rel 6	HSDPA Subtest-4	15.46	15.47	15.47	**16.00**	16.16	16.24	16.16	**16.50**	20.46	20.40	20.25	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-1	15.76	15.84	15.80	**16.50**	16.61	16.68	16.52	**17.00**	20.80	20.72	20.78	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-2	15.82	15.86	15.96	**16.50**	16.46	16.64	16.51	**17.00**	20.71	20.92	20.81	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-3	15.37	15.34	15.30	**16.00**	15.94	16.17	15.97	**16.50**	20.24	20.19	20.33	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-4	15.34	15.36	15.25	**16.00**	15.99	16.04	16.00	**16.50**	20.25	20.35	20.11	**21.50**
3GPP Rel 6	HSUPA Subtest-1	16.04	15.90	16.04	**16.50**	16.61	16.72	16.50	**17.00**	20.86	20.97	20.83	**22.00**
3GPP Rel 6	HSUPA Subtest-2	13.94	13.92	13.90	**14.50**	12.60	12.65	12.50	**13.00**	18.80	18.86	18.88	**20.00**
3GPP Rel 6	HSUPA Subtest-3	14.97	14.91	15.09	**15.50**	13.61	13.84	13.65	**14.00**	19.80	19.99	19.89	**21.00**
3GPP Rel 6	HSUPA Subtest-4	14.07	14.02	13.89	**14.50**	12.73	12.62	12.58	**13.00**	18.79	18.99	18.83	**20.00**
3GPP Rel 6	HSUPA Subtest-5	16.01	16.09	15.95	**16.50**	16.76	16.59	16.63	**17.00**	20.89	20.74	20.81	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.41	12.41	12.41	**13.50**	13.33	13.29	13.09	**14.00**	18.19	18.39	18.23	**20.00**

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.01	17.06	16.93	18	0
20	QPSK	1	49	16.79	16.84	16.83		
20	QPSK	1	99	16.75	16.93	16.81		
20	QPSK	50	0	16.71	16.88	16.78	18	0
20	QPSK	50	24	16.83	16.81	16.87		
20	QPSK	50	50	16.77	16.81	16.81		
20	QPSK	100	0	16.81	16.9	16.88		
20	16QAM	1	0	16.76	17.04	17.02	18	0
20	16QAM	1	49	16.73	17.01	17.02		
20	16QAM	1	99	16.62	16.92	16.93		
20	16QAM	50	0	16.76	16.84	16.9	18	0
20	16QAM	50	24	16.83	16.79	16.84		
20	16QAM	50	50	16.86	16.81	16.83		
20	16QAM	100	0	16.84	16.96	16.87		
20	64QAM	1	0	16.87	16.88	16.76	18	0
20	64QAM	1	49	16.88	16.99	17.01		
20	64QAM	1	99	16.88	16.69	16.89		
20	64QAM	50	0	16.74	16.8	16.83	18	0
20	64QAM	50	24	16.86	16.84	16.94		
20	64QAM	50	50	16.79	16.82	16.83		
20	64QAM	100	0	16.77	16.88	16.86		
20	256QAM	1	0	16.92	17.01	16.89	18	0
20	256QAM	1	49	16.85	16.93	16.80		
20	256QAM	1	99	16.92	16.93	16.87		
20	256QAM	50	0	16.95	16.97	16.88	18	0
20	256QAM	50	24	16.86	16.97	16.88		
20	256QAM	50	50	16.96	16.98	16.87		
20	256QAM	100	0	16.85	16.97	16.93		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.97	16.93	17.04	18	0
15	QPSK	1	37	16.74	16.78	16.83		
15	QPSK	1	74	16.86	16.85	16.89		
15	QPSK	36	0	16.84	16.78	16.76	18	0
15	QPSK	36	20	16.75	16.73	16.78		
15	QPSK	36	39	16.78	16.73	16.78		
15	QPSK	75	0	16.8	16.85	16.83		
15	16QAM	1	0	16.96	16.99	16.98	18	0
15	16QAM	1	37	16.9	16.96	17		
15	16QAM	1	74	16.84	16.81	16.88		
15	16QAM	36	0	16.8	16.75	16.82	18	0
15	16QAM	36	20	16.73	16.67	16.78		
15	16QAM	36	39	16.68	16.73	16.76		
15	16QAM	75	0	16.92	16.91	16.83		
15	64QAM	1	0	16.74	16.81	16.83	18	0
15	64QAM	1	37	16.9	16.94	16.95		
15	64QAM	1	74	16.6	16.61	16.55		
15	64QAM	36	0	16.74	16.78	16.73	18	0
15	64QAM	36	20	16.74	16.77	16.83		
15	64QAM	36	39	16.74	16.73	16.72		
15	64QAM	75	0	16.81	16.86	16.8		
15	256QAM	1	0	16.91	16.88	16.87	18	0
15	256QAM	1	37	16.85	16.77	16.80		
15	256QAM	1	74	16.90	16.84	16.88		
15	256QAM	36	0	16.77	16.93	16.89	18	0
15	256QAM	36	20	16.79	16.89	16.92		
15	256QAM	36	39	16.82	16.83	16.83		
15	256QAM	75	0	16.94	16.82	16.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.99	17.03	17.04	18	0
10	QPSK	1	25	16.73	16.76	16.77		
10	QPSK	1	49	16.91	16.86	16.83		
10	QPSK	25	0	16.75	16.81	16.87	18	0
10	QPSK	25	12	16.69	16.75	16.8		
10	QPSK	25	25	16.71	16.78	16.7		
10	QPSK	50	0	16.81	16.78	16.79		
10	16QAM	1	0	16.98	16.93	16.92	18	0
10	16QAM	1	25	16.98	16.97	16.89		
10	16QAM	1	49	16.81	16.82	16.91		
10	16QAM	25	0	16.72	16.79	16.72	18	0
10	16QAM	25	12	16.7	16.69	16.75		
10	16QAM	25	25	16.72	16.77	16.7		
10	16QAM	50	0	16.88	16.88	16.85		
10	64QAM	1	0	16.76	16.81	16.78	18	0
10	64QAM	1	25	16.96	16.91	16.95		
10	64QAM	1	49	16.62	16.55	16.64		
10	64QAM	25	0	16.76	16.73	16.78	18	0
10	64QAM	25	12	16.8	16.79	16.81		
10	64QAM	25	25	16.81	16.74	16.75		
10	64QAM	50	0	16.86	16.81	16.86		
10	256QAM	1	0	16.83	17.00	16.98	18	0
10	256QAM	1	25	16.77	16.79	16.86		
10	256QAM	1	49	16.73	16.87	16.90		
10	256QAM	25	0	16.77	16.92	16.94	18	0
10	256QAM	25	12	16.90	16.95	16.93		
10	256QAM	25	25	16.91	16.86	16.86		
10	256QAM	50	0	16.90	16.92	16.83		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.02	16.97	16.94	18	0
5	QPSK	1	12	16.83	16.82	16.76		
5	QPSK	1	24	16.87	16.81	16.89		
5	QPSK	12	0	16.77	16.82	16.86	18	0
5	QPSK	12	7	16.72	16.73	16.72		
5	QPSK	12	13	16.68	16.68	16.68		
5	QPSK	25	0	16.87	16.88	16.85		
5	16QAM	1	0	16.97	17.01	17.02	18	0
5	16QAM	1	12	16.99	16.95	17		
5	16QAM	1	24	16.82	16.91	16.8		
5	16QAM	12	0	16.74	16.78	16.72	18	0
5	16QAM	12	7	16.72	16.69	16.77		
5	16QAM	12	13	16.78	16.7	16.79		
5	16QAM	25	0	16.92	16.92	16.87		
5	64QAM	1	0	16.84	16.75	16.81	18	0
5	64QAM	1	12	16.92	16.84	16.84		
5	64QAM	1	24	16.55	16.66	16.63		
5	64QAM	12	0	16.7	16.7	16.75	18	0
5	64QAM	12	7	16.79	16.74	16.77		
5	64QAM	12	13	16.77	16.79	16.76		
5	64QAM	25	0	16.79	16.8	16.85		
5	256QAM	1	0	16.88	16.86	16.99	18	0
5	256QAM	1	12	16.88	16.89	16.79		
5	256QAM	1	24	16.86	16.73	16.78		
5	256QAM	12	0	16.80	16.89	16.88	18	0
5	256QAM	12	7	16.83	16.96	16.94		
5	256QAM	12	13	16.84	16.97	16.79		
5	256QAM	25	0	16.81	16.94	16.85		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17	17.04	17.01	18	0
3	QPSK	1	8	16.8	16.72	16.79		
3	QPSK	1	14	16.87	16.89	16.88		
3	QPSK	8	0	16.83	16.85	16.75	18	0
3	QPSK	8	4	16.75	16.71	16.78		
3	QPSK	8	7	16.75	16.71	16.75		
3	QPSK	15	0	16.83	16.82	16.81		
3	16QAM	1	0	16.98	16.95	17.02	18	0
3	16QAM	1	8	16.93	16.96	16.93		
3	16QAM	1	14	16.79	16.87	16.87		
3	16QAM	8	0	16.74	16.79	16.74	18	0
3	16QAM	8	4	16.66	16.69	16.69		
3	16QAM	8	7	16.72	16.72	16.7		
3	16QAM	15	0	16.86	16.89	16.87		
3	64QAM	1	0	16.8	16.77	16.87	18	0
3	64QAM	1	8	16.89	16.93	16.93		
3	64QAM	1	14	16.66	16.59	16.68		
3	64QAM	8	0	16.76	16.76	16.78	18	0
3	64QAM	8	4	16.79	16.77	16.83		
3	64QAM	8	7	16.79	16.76	16.74		
3	64QAM	15	0	16.8	16.86	16.85		
3	256QAM	1	0	16.91	16.92	16.82	18	0
3	256QAM	1	8	16.81	16.77	16.86		
3	256QAM	1	14	16.87	16.88	16.87		
3	256QAM	8	0	16.94	16.83	16.83	18	0
3	256QAM	8	4	16.91	16.83	16.85		
3	256QAM	8	7	16.87	16.92	16.89		
3	256QAM	15	0	16.84	16.83	16.96		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.03	16.97	16.94	18	0
1.4	QPSK	1	3	16.77	16.83	16.72		
1.4	QPSK	1	5	16.81	16.86	16.86		
1.4	QPSK	3	0	16.77	16.83	16.84		
1.4	QPSK	3	1	16.7	16.72	16.76		
1.4	QPSK	3	3	16.77	16.71	16.77		
1.4	QPSK	6	0	16.79	16.83	16.87	18	0
1.4	16QAM	1	0	16.91	16.91	16.98	18	0
1.4	16QAM	1	3	16.96	16.89	16.91		
1.4	16QAM	1	5	16.88	16.83	16.91		
1.4	16QAM	3	0	16.77	16.8	16.83		
1.4	16QAM	3	1	16.67	16.73	16.75		
1.4	16QAM	3	3	16.69	16.8	16.78		
1.4	16QAM	6	0	16.89	16.85	16.91	18	0
1.4	64QAM	1	0	16.77	16.74	16.83	18	0
1.4	64QAM	1	3	16.91	16.84	16.89		
1.4	64QAM	1	5	16.67	16.64	16.55		
1.4	64QAM	3	0	16.74	16.71	16.73		
1.4	64QAM	3	1	16.83	16.8	16.77		
1.4	64QAM	3	3	16.78	16.78	16.74		
1.4	64QAM	6	0	16.8	16.85	16.84	18	0
1.4	256QAM	1	0	16.86	16.86	16.97	18	0
1.4	256QAM	1	3	16.77	16.82	16.75		
1.4	256QAM	1	5	16.85	16.78	16.92		
1.4	256QAM	3	0	16.96	16.81	16.87		
1.4	256QAM	3	1	16.96	16.89	16.82		
1.4	256QAM	3	3	16.83	16.96	16.85		
1.4	256QAM	6	0	16.90	16.81	16.78	18	0

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.47	17.57	17.41	18.5	0
20	QPSK	1	49	17.16	17.32	17.27		
20	QPSK	1	99	17.19	17.15	17.15		
20	QPSK	50	0	17.06	17.36	17.21	18.5	0
20	QPSK	50	24	17.12	17.29	17.27		
20	QPSK	50	50	17.08	17.3	17.2		
20	QPSK	100	0	17.31	17.47	17.34		
20	16QAM	1	0	17.22	17.34	17.44	18.5	0
20	16QAM	1	49	17.47	17.37	17.17		
20	16QAM	1	99	17.51	17.48	17.52		
20	16QAM	50	0	17.13	17.27	17.18	18.5	0
20	16QAM	50	24	17.15	17.21	17.35		
20	16QAM	50	50	17.07	17.21	17.32		
20	16QAM	100	0	17.19	17.25	17.27		
20	64QAM	1	0	17.52	17.23	17.23	18.5	0
20	64QAM	1	49	17.34	17.25	17.54		
20	64QAM	1	99	17.45	17.1	17.32		
20	64QAM	50	0	17.41	17.23	17.42	18.5	0
20	64QAM	50	24	17.49	17.27	17.31		
20	64QAM	50	50	17.46	17.22	17.23		
20	64QAM	100	0	17.44	17.41	17.46		
20	256QAM	1	0	17.47	17.53	17.52	18.5	0
20	256QAM	1	49	17.48	17.55	17.53		
20	256QAM	1	99	17.43	17.48	17.47		
20	256QAM	50	0	17.48	17.51	17.39	18.5	0
20	256QAM	50	24	17.49	17.52	17.39		
20	256QAM	50	50	17.37	17.49	17.44		
20	256QAM	100	0	17.38	17.51	17.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.45	17.56	17.5	18.5	0
15	QPSK	1	37	17.21	17.31	17.24		
15	QPSK	1	74	17.14	17.07	17.11		
15	QPSK	36	0	17.34	17.23	17.32	18.5	0
15	QPSK	36	20	17.18	17.23	17.21		
15	QPSK	36	39	17.26	17.21	17.28		
15	QPSK	75	0	17.37	17.36	17.34		
15	16QAM	1	0	17.32	17.31	17.28	18.5	0
15	16QAM	1	37	17.26	17.33	17.3		
15	16QAM	1	74	17.47	17.37	17.46		
15	16QAM	36	0	17.24	17.23	17.14	18.5	0
15	16QAM	36	20	17.09	17.17	17.13		
15	16QAM	36	39	17.16	17.15	17.14		
15	16QAM	75	0	17.19	17.19	17.19		
15	64QAM	1	0	17.1	17.16	17.1	18.5	0
15	64QAM	1	37	17.21	17.16	17.22		
15	64QAM	1	74	17.02	16.95	16.96		
15	64QAM	36	0	17.16	17.15	17.17	18.5	0
15	64QAM	36	20	17.19	17.18	17.23		
15	64QAM	36	39	17.13	17.16	17.15		
15	64QAM	75	0	17.38	17.38	17.33		
15	256QAM	1	0	17.40	17.41	17.43	18.5	0
15	256QAM	1	37	17.44	17.38	17.52		
15	256QAM	1	74	17.28	17.35	17.32		
15	256QAM	36	0	17.34	17.45	17.44	18.5	0
15	256QAM	36	20	17.37	17.36	17.44		
15	256QAM	36	39	17.45	17.29	17.42		
15	256QAM	75	0	17.39	17.45	17.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.47	17.49	17.5	18.5	0
10	QPSK	1	25	17.24	17.29	17.19		
10	QPSK	1	49	17.07	17.1	17.07		
10	QPSK	25	0	17.25	17.26	17.31	18.5	0
10	QPSK	25	12	17.26	17.28	17.27		
10	QPSK	25	25	17.19	17.21	17.22		
10	QPSK	50	0	17.43	17.45	17.41		
10	16QAM	1	0	17.22	17.31	17.22	18.5	0
10	16QAM	1	25	17.29	17.3	17.31		
10	16QAM	1	49	17.36	17.4	17.42		
10	16QAM	25	0	17.17	17.25	17.15	18.5	0
10	16QAM	25	12	17.16	17.11	17.14		
10	16QAM	25	25	17.2	17.19	17.19		
10	16QAM	50	0	17.21	17.23	17.23		
10	64QAM	1	0	17.19	17.13	17.2	18.5	0
10	64QAM	1	25	17.16	17.12	17.15		
10	64QAM	1	49	17.01	16.96	17.05		
10	64QAM	25	0	17.22	17.16	17.21	18.5	0
10	64QAM	25	12	17.18	17.2	17.23		
10	64QAM	25	25	17.18	17.13	17.19		
10	64QAM	50	0	17.36	17.36	17.31		
10	256QAM	1	0	17.46	17.44	17.51	18.5	0
10	256QAM	1	25	17.50	17.48	17.37		
10	256QAM	1	49	17.30	17.35	17.41		
10	256QAM	25	0	17.42	17.44	17.42	18.5	0
10	256QAM	25	12	17.50	17.40	17.41		
10	256QAM	25	25	17.40	17.38	17.30		
10	256QAM	50	0	17.35	17.33	17.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.56	17.48	17.55	18.5	0
5	QPSK	1	12	17.29	17.27	17.19		
5	QPSK	1	24	17.09	17.13	17.13		
5	QPSK	12	0	17.29	17.32	17.35	18.5	0
5	QPSK	12	7	17.23	17.27	17.22		
5	QPSK	12	13	17.23	17.25	17.28		
5	QPSK	25	0	17.45	17.38	17.45		
5	16QAM	1	0	17.27	17.22	17.31	18.5	0
5	16QAM	1	12	17.31	17.35	17.24		
5	16QAM	1	24	17.43	17.42	17.45		
5	16QAM	12	0	17.21	17.16	17.22	18.5	0
5	16QAM	12	7	17.15	17.18	17.11		
5	16QAM	12	13	17.13	17.12	17.1		
5	16QAM	25	0	17.12	17.12	17.24		
5	64QAM	1	0	17.21	17.14	17.16	18.5	0
5	64QAM	1	12	17.21	17.12	17.24		
5	64QAM	1	24	16.97	17.04	16.96		
5	64QAM	12	0	17.2	17.21	17.19	18.5	0
5	64QAM	12	7	17.25	17.21	17.26		
5	64QAM	12	13	17.19	17.17	17.14		
5	64QAM	25	0	17.38	17.4	17.37		
5	256QAM	1	0	17.47	17.41	17.52	18.5	0
5	256QAM	1	12	17.35	17.46	17.45		
5	256QAM	1	24	17.36	17.39	17.38		
5	256QAM	12	0	17.46	17.44	17.50	18.5	0
5	256QAM	12	7	17.33	17.39	17.32		
5	256QAM	12	13	17.33	17.46	17.45		
5	256QAM	25	0	17.38	17.36	17.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.53	17.48	17.55	18.5	0
3	QPSK	1	8	17.27	17.3	17.31		
3	QPSK	1	14	17.08	17.12	17.1		
3	QPSK	8	0	17.32	17.34	17.25	18.5	0
3	QPSK	8	4	17.22	17.2	17.28		
3	QPSK	8	7	17.19	17.25	17.24		
3	QPSK	15	0	17.4	17.35	17.36		
3	16QAM	1	0	17.22	17.24	17.23	18.5	0
3	16QAM	1	8	17.29	17.34	17.3		
3	16QAM	1	14	17.44	17.43	17.47		
3	16QAM	8	0	17.15	17.24	17.16	18.5	0
3	16QAM	8	4	17.14	17.19	17.12		
3	16QAM	8	7	17.17	17.13	17.18		
3	16QAM	15	0	17.12	17.17	17.21		
3	64QAM	1	0	17.12	17.15	17.22	18.5	0
3	64QAM	1	8	17.12	17.11	17.19		
3	64QAM	1	14	16.96	17.04	17.04		
3	64QAM	8	0	17.22	17.17	17.14	18.5	0
3	64QAM	8	4	17.24	17.18	17.18		
3	64QAM	8	7	17.15	17.2	17.12		
3	64QAM	15	0	17.37	17.35	17.34		
3	256QAM	1	0	17.38	17.38	17.51	18.5	0
3	256QAM	1	8	17.52	17.35	17.44		
3	256QAM	1	14	17.30	17.44	17.45		
3	256QAM	8	0	17.40	17.50	17.49	18.5	0
3	256QAM	8	4	17.46	17.35	17.49		
3	256QAM	8	7	17.46	17.47	17.32		
3	256QAM	15	0	17.42	17.47	17.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.51	17.44	17.54	18.5	0
1.4	QPSK	1	3	17.28	17.23	17.23		
1.4	QPSK	1	5	17.05	17.05	17.11		
1.4	QPSK	3	0	17.32	17.33	17.35		
1.4	QPSK	3	1	17.28	17.2	17.22		
1.4	QPSK	3	3	17.24	17.17	17.22		
1.4	QPSK	6	0	17.46	17.42	17.46	18.5	0
1.4	16QAM	1	0	17.32	17.21	17.33	18.5	0
1.4	16QAM	1	3	17.3	17.28	17.32		
1.4	16QAM	1	5	17.37	17.37	17.45		
1.4	16QAM	3	0	17.24	17.25	17.22		
1.4	16QAM	3	1	17.18	17.12	17.16		
1.4	16QAM	3	3	17.15	17.19	17.15		
1.4	16QAM	6	0	17.23	17.13	17.17	18.5	0
1.4	64QAM	1	0	17.14	17.22	17.21	18.5	0
1.4	64QAM	1	3	17.16	17.18	17.17		
1.4	64QAM	1	5	17.08	17	17.09		
1.4	64QAM	3	0	17.22	17.14	17.15		
1.4	64QAM	3	1	17.22	17.18	17.25		
1.4	64QAM	3	3	17.16	17.12	17.19		
1.4	64QAM	6	0	17.34	17.33	17.35	18.5	0
1.4	256QAM	1	0	17.50	17.46	17.41	18.5	0
1.4	256QAM	1	3	17.37	17.38	17.51		
1.4	256QAM	1	5	17.37	17.40	17.34		
1.4	256QAM	3	0	17.34	17.50	17.38		
1.4	256QAM	3	1	17.41	17.42	17.46		
1.4	256QAM	3	3	17.39	17.47	17.45		
1.4	256QAM	6	0	17.33	17.48	17.32	18.5	0

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	0
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	21.95	22.06	21.95		
1.4	64QAM	3	3	21.84	21.94	21.9		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 4_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.08	21.15	21.02	22	0
20	QPSK	1	49	20.92	20.99	20.92		
20	QPSK	1	99	20.86	20.91	20.86		
20	QPSK	50	0	20.76	20.85	20.72	22	0
20	QPSK	50	24	20.74	20.83	20.69		
20	QPSK	50	50	20.65	20.73	20.62		
20	QPSK	100	0	20.6	20.76	20.62		
20	16QAM	1	0	20.74	20.85	20.69	22	0
20	16QAM	1	49	20.69	20.74	20.66		
20	16QAM	1	99	20.62	20.75	20.68		
20	16QAM	50	0	20.69	20.82	20.75	22	0
20	16QAM	50	24	20.74	20.85	20.77		
20	16QAM	50	50	20.66	20.76	20.7		
20	16QAM	100	0	20.59	20.75	20.7		
20	64QAM	1	0	20.85	20.97	20.91	22	0
20	64QAM	1	49	20.86	20.93	20.84		
20	64QAM	1	99	20.81	20.86	20.81		
20	64QAM	50	0	20.16	20.21	20.13	22	0
20	64QAM	50	24	20.15	20.22	20.09		
20	64QAM	50	50	20.07	20.16	20.03		
20	64QAM	100	0	20.07	20.21	20.05		
20	256QAM	1	0	18.14	18.23	18.13	19	3
20	256QAM	1	49	18.17	18.33	18.21		
20	256QAM	1	99	18.18	18.32	18.19		
20	256QAM	50	0	18.17	18.25	18.19	19	3
20	256QAM	50	24	18.19	18.28	18.23		
20	256QAM	50	50	18.17	18.27	18.14		
20	256QAM	100	0	18.21	18.26	18.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21	21.03	20.96	22	0
15	QPSK	1	37	20.85	20.86	20.85		
15	QPSK	1	74	20.7	20.76	20.7		
15	QPSK	36	0	20.7	20.79	20.58	22	0
15	QPSK	36	20	20.69	20.73	20.54		
15	QPSK	36	39	20.59	20.67	20.49		
15	QPSK	75	0	20.52	20.69	20.55		
15	16QAM	1	0	20.58	20.75	20.57	22	0
15	16QAM	1	37	20.59	20.68	20.6		
15	16QAM	1	74	20.48	20.6	20.58		
15	16QAM	36	0	20.6	20.71	20.67	22	0
15	16QAM	36	20	20.65	20.73	20.68		
15	16QAM	36	39	20.56	20.69	20.65		
15	16QAM	75	0	20.51	20.6	20.65		
15	64QAM	1	0	20.73	20.85	20.78	22	0
15	64QAM	1	37	20.75	20.83	20.77		
15	64QAM	1	74	20.73	20.77	20.67		
15	64QAM	36	0	20.03	20.1	20.02	22	0
15	64QAM	36	20	20.08	20.11	20.02		
15	64QAM	36	39	19.99	20.04	19.98		
15	64QAM	75	0	19.92	20.05	19.89		
15	256QAM	1	0	18.03	18.14	18.05	19	3
15	256QAM	1	37	18.09	18.17	18.11		
15	256QAM	1	74	18.08	18.16	18.08		
15	256QAM	36	0	18.08	18.20	18.07	19	3
15	256QAM	36	20	18.05	18.22	18.16		
15	256QAM	36	39	18.04	18.15	18.02		
15	256QAM	75	0	18.08	18.11	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.99	21.01	20.9	22	0
10	QPSK	1	25	20.86	20.84	20.8		
10	QPSK	1	49	20.76	20.83	20.7		
10	QPSK	25	0	20.67	20.7	20.66	22	0
10	QPSK	25	12	20.67	20.72	20.57		
10	QPSK	25	25	20.49	20.68	20.57		
10	QPSK	50	0	20.54	20.62	20.55		
10	16QAM	1	0	20.65	20.72	20.53	22	0
10	16QAM	1	25	20.62	20.65	20.57		
10	16QAM	1	49	20.46	20.69	20.52		
10	16QAM	25	0	20.56	20.72	20.69	22	0
10	16QAM	25	12	20.63	20.69	20.67		
10	16QAM	25	25	20.61	20.71	20.54		
10	16QAM	50	0	20.51	20.66	20.65		
10	64QAM	1	0	20.76	20.92	20.76	22	0
10	64QAM	1	25	20.73	20.88	20.76		
10	64QAM	1	49	20.66	20.71	20.74		
10	64QAM	25	0	20.06	20.14	20.08	22	0
10	64QAM	25	12	20.03	20.06	19.93		
10	64QAM	25	25	19.96	20.1	19.96		
10	64QAM	50	0	19.94	20.15	19.89		
10	256QAM	1	0	18.05	18.14	18.08	19	3
10	256QAM	1	25	18.02	18.26	18.07		
10	256QAM	1	49	18.12	18.27	18.08		
10	256QAM	25	0	18.12	18.16	18.11	19	3
10	256QAM	25	12	18.11	18.23	18.12		
10	256QAM	25	25	18.06	18.11	18.05		
10	256QAM	50	0	18.12	18.20	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.03	20.95	22	0
5	QPSK	1	12	20.83	20.94	20.85		
5	QPSK	1	24	20.81	20.86	20.76		
5	QPSK	12	0	20.69	20.77	20.61	22	0
5	QPSK	12	7	20.61	20.78	20.58		
5	QPSK	12	13	20.58	20.62	20.48		
5	QPSK	25	0	20.55	20.63	20.47		
5	16QAM	1	0	20.63	20.75	20.61	22	0
5	16QAM	1	12	20.57	20.63	20.57		
5	16QAM	1	24	20.56	20.7	20.58		
5	16QAM	12	0	20.59	20.67	20.69	22	0
5	16QAM	12	7	20.62	20.79	20.62		
5	16QAM	12	13	20.6	20.67	20.56		
5	16QAM	25	0	20.52	20.61	20.57		
5	64QAM	1	0	20.73	20.85	20.82	22	0
5	64QAM	1	12	20.76	20.88	20.75		
5	64QAM	1	24	20.73	20.8	20.75		
5	64QAM	12	0	20.03	20.15	20.02	22	0
5	64QAM	12	7	20.1	20.1	19.94		
5	64QAM	12	13	19.97	20.07	19.93		
5	64QAM	25	0	19.98	20.11	19.94		
5	256QAM	1	0	18.06	18.09	18.15	19	3
5	256QAM	1	12	18.09	18.23	18.10		
5	256QAM	1	24	18.07	18.18	18.11		
5	256QAM	12	0	18.09	18.18	18.09	19	3
5	256QAM	12	7	18.12	18.18	18.13		
5	256QAM	12	13	18.07	18.21	18.02		
5	256QAM	25	0	18.14	18.14	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.02	20.87	22	0
3	QPSK	1	8	20.83	20.93	20.87		
3	QPSK	1	14	20.8	20.81	20.76		
3	QPSK	8	0	20.7	20.76	20.61	22	0
3	QPSK	8	4	20.64	20.76	20.54		
3	QPSK	8	7	20.49	20.67	20.51		
3	QPSK	15	0	20.54	20.61	20.51		
3	16QAM	1	0	20.69	20.79	20.59	22	0
3	16QAM	1	8	20.61	20.6	20.6		
3	16QAM	1	14	20.5	20.59	20.56		
3	16QAM	8	0	20.62	20.69	20.63	22	0
3	16QAM	8	4	20.67	20.8	20.67		
3	16QAM	8	7	20.6	20.65	20.56		
3	16QAM	15	0	20.52	20.68	20.6		
3	64QAM	1	0	20.73	20.82	20.8	22	0
3	64QAM	1	8	20.78	20.78	20.71		
3	64QAM	1	14	20.7	20.7	20.66		
3	64QAM	8	0	20.09	20.07	20.07	22	0
3	64QAM	8	4	20.04	20.09	19.95		
3	64QAM	8	7	19.95	20.05	19.94		
3	64QAM	15	0	19.92	20.05	19.89		
3	256QAM	1	0	18.01	18.07	18.05	19	3
3	256QAM	1	8	18.03	18.25	18.13		
3	256QAM	1	14	18.03	18.18	18.14		
3	256QAM	8	0	18.09	18.10	18.12	19	3
3	256QAM	8	4	18.05	18.15	18.12		
3	256QAM	8	7	18.06	18.21	18.18		
3	256QAM	15	0	18.13	18.19	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.92	21.09	20.96	22	0
1.4	QPSK	1	3	20.79	20.93	20.87		
1.4	QPSK	1	5	20.78	20.84	20.74		
1.4	QPSK	3	0	20.64	20.76	20.65		
1.4	QPSK	3	1	20.64	20.76	20.74		
1.4	QPSK	3	3	20.83	20.88	20.83		
1.4	QPSK	6	0	20.75	20.98	20.84	22	0
1.4	16QAM	1	0	20.8	20.9	20.84	22	0
1.4	16QAM	1	3	20.73	20.86	20.76		
1.4	16QAM	1	5	20.75	20.8	20.82		
1.4	16QAM	3	0	20.77	20.91	20.87		
1.4	16QAM	3	1	20.81	20.96	20.89		
1.4	16QAM	3	3	20.72	20.91	20.78		
1.4	16QAM	6	0	20.71	20.85	20.78	22	0
1.4	64QAM	1	0	20.91	21.12	21.04	22	0
1.4	64QAM	1	3	20.97	21.06	20.9		
1.4	64QAM	1	5	20.9	20.91	20.92		
1.4	64QAM	3	0	20.21	20.25	20.2		
1.4	64QAM	3	1	20.3	20.36	20.16		
1.4	64QAM	3	3	20.21	20.2	20.15		
1.4	64QAM	6	0	19.91	20.07	19.91	21	1
1.4	256QAM	1	0	18.04	18.08	18.01	19	3
1.4	256QAM	1	3	18.03	18.20	18.12		
1.4	256QAM	1	5	18.06	18.25	18.11		
1.4	256QAM	3	0	18.02	18.17	18.11		
1.4	256QAM	3	1	18.13	18.19	18.15		
1.4	256QAM	3	3	18.05	18.15	18.08		
1.4	256QAM	6	0	18.16	18.14	18.07	19	3

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.34	22.38	22.32	24	0
10	QPSK	1	25	22.31	22.34	22.24		
10	QPSK	1	49	22.24	22.31	22.13		
10	QPSK	25	0	22.2	22.31	22.14	24	0
10	QPSK	25	12	22.08	22.2	22.13		
10	QPSK	25	25	22.05	22.18	22.1		
10	QPSK	50	0	22.08	22.22	22.12		
10	16QAM	1	0	22.23	22.29	22.22	24	0
10	16QAM	1	25	22.19	22.25	22.13		
10	16QAM	1	49	22.19	22.22	22.1		
10	16QAM	25	0	21.44	21.49	21.38	23	1
10	16QAM	25	12	21.32	21.48	21.38		
10	16QAM	25	25	21.23	21.47	21.3		
10	16QAM	50	0	21.36	21.48	21.38		
10	64QAM	1	0	21.53	21.61	21.54	23	1
10	64QAM	1	25	21.53	21.53	21.44		
10	64QAM	1	49	21.52	21.56	21.31		
10	64QAM	25	0	20.39	20.42	20.31	22	2
10	64QAM	25	12	20.27	20.37	20.25		
10	64QAM	25	25	20.2	20.35	20.28		
10	64QAM	50	0	20.21	20.35	20.3		
10	256QAM	1	0	18.18	18.22	18.13	20	4
10	256QAM	1	25	18.16	18.29	18.18		
10	256QAM	1	49	18.16	18.29	18.28		
10	256QAM	25	0	18.23	18.26	18.13	20	4
10	256QAM	25	12	18.13	18.22	18.17		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.17	18.25	18.12		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.28	22.37	22.37	24	0
5	QPSK	1	12	22.31	22.28	22.24		
5	QPSK	1	24	22.22	22.29	22.28		
5	QPSK	12	0	22.3	22.28	22.26	24	0
5	QPSK	12	7	22.16	22.09	22.15		
5	QPSK	12	13	22.1	22.13	22.11		
5	QPSK	25	0	22.15	22.14	22.19		
5	16QAM	1	0	22.17	22.18	22.28	24	0
5	16QAM	1	12	22.13	22.12	22.15		
5	16QAM	1	24	22.11	22.21	22.21		
5	16QAM	12	0	21.43	21.42	21.36	23	1
5	16QAM	12	7	21.45	21.36	21.47		
5	16QAM	12	13	21.36	21.41	21.43		
5	16QAM	25	0	21.39	21.42	21.43		
5	64QAM	1	0	21.46	21.47	21.52	23	1
5	64QAM	1	12	21.47	21.47	21.45		
5	64QAM	1	24	21.52	21.52	21.46		
5	64QAM	12	0	20.35	20.38	20.4	22	2
5	64QAM	12	7	20.28	20.36	20.33		
5	64QAM	12	13	20.28	20.31	20.31		
5	64QAM	25	0	20.26	20.27	20.33		
5	256QAM	1	0	18.09	18.02	18.08	20	4
5	256QAM	1	12	18.13	18.16	18.25		
5	256QAM	1	24	18.20	18.18	18.17		
5	256QAM	12	0	18.12	18.24	18.13	20	4
5	256QAM	12	7	18.06	18.21	18.06		
5	256QAM	12	13	18.04	18.09	18.11		
5	256QAM	25	0	18.06	18.11	18.17		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.27	22.28	24	0
3	QPSK	1	8	22.22	22.31	22.29		
3	QPSK	1	14	22.19	22.2	22.27		
3	QPSK	8	0	22.3	22.24	22.21	24	0
3	QPSK	8	4	22.11	22.11	22.19		
3	QPSK	8	7	22.08	22.13	22.16		
3	QPSK	15	0	22.12	22.2	22.19		
3	16QAM	1	0	22.17	22.24	22.16	24	0
3	16QAM	1	8	22.18	22.2	22.19		
3	16QAM	1	14	22.13	22.17	22.19		
3	16QAM	8	0	21.41	21.4	21.48	23	1
3	16QAM	8	4	21.46	21.47	21.38		
3	16QAM	8	7	21.4	21.35	21.43		
3	16QAM	15	0	21.4	21.47	21.47		
3	64QAM	1	0	21.52	21.5	21.49	23	1
3	64QAM	1	8	21.5	21.48	21.47		
3	64QAM	1	14	21.5	21.51	21.43		
3	64QAM	8	0	20.35	20.39	20.4	22	2
3	64QAM	8	4	20.27	20.36	20.27		
3	64QAM	8	7	20.25	20.28	20.25		
3	64QAM	15	0	20.25	20.28	20.25		
3	256QAM	1	0	18.11	18.09	18.09	20	4
3	256QAM	1	8	18.09	18.25	18.13		
3	256QAM	1	14	18.26	18.10	18.09		
3	256QAM	8	0	18.17	18.18	18.08	20	4
3	256QAM	8	4	18.17	18.18	18.17		
3	256QAM	8	7	18.14	18.13	18.12		
3	256QAM	15	0	18.08	18.18	18.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.32	22.27	22.35	24	0
1.4	QPSK	1	3	22.27	22.28	22.31		
1.4	QPSK	1	5	22.27	22.28	22.18		
1.4	QPSK	3	0	22.29	22.27	22.28		
1.4	QPSK	3	1	22.12	22.18	22.12		
1.4	QPSK	3	3	22.13	22.14	22.09		
1.4	QPSK	6	0	22.14	22.09	22.21	24	0
1.4	16QAM	1	0	22.22	22.24	22.22	24	0
1.4	16QAM	1	3	22.14	22.24	22.13		
1.4	16QAM	1	5	22.1	22.15	22.17		
1.4	16QAM	3	0	22.08	22.1	22.16		
1.4	16QAM	3	1	22.12	22.09	22.12		
1.4	16QAM	3	3	22.05	22.09	22.16		
1.4	16QAM	6	0	21.35	21.36	21.37	23	1
1.4	64QAM	1	0	21.57	21.46	21.52	23	1
1.4	64QAM	1	3	21.49	21.51	21.48		
1.4	64QAM	1	5	21.41	21.43	21.51		
1.4	64QAM	3	0	21.07	21.05	21.02		
1.4	64QAM	3	1	21.03	21	21.06		
1.4	64QAM	3	3	21.03	21.23	21		
1.4	64QAM	6	0	20.28	20.34	20.28	22	2
1.4	256QAM	1	0	18.15	18.02	18.21	20	4
1.4	256QAM	1	3	18.17	18.26	18.23		
1.4	256QAM	1	5	18.28	18.27	18.15		
1.4	256QAM	3	0	18.08	18.18	18.09		
1.4	256QAM	3	1	18.16	18.04	18.17		
1.4	256QAM	3	3	18.05	18.15	18.09		
1.4	256QAM	6	0	18.18	18.12	18.22	20	4

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.11	16.17	16.14	16.7	0
20	QPSK	1	49	16.05	16.09	16.03		
20	QPSK	1	99	15.96	16.06	16.08		
20	QPSK	50	0	15.81	16.11	15.9	16.7	0
20	QPSK	50	24	15.9	15.99	16.08		
20	QPSK	50	50	15.88	16.08	16.1		
20	QPSK	100	0	15.88	16.07	16.03		
20	16QAM	1	0	16.16	16.05	15.84	16.7	0
20	16QAM	1	49	16.04	16.13	16.11		
20	16QAM	1	99	16.08	16.11	16.13		
20	16QAM	50	0	15.87	16	15.93	16.7	0
20	16QAM	50	24	15.83	16	16.06		
20	16QAM	50	50	15.91	16.05	16.06		
20	16QAM	100	0	15.93	15.92	15.99		
20	64QAM	1	0	15.96	16.08	15.97	16.7	0
20	64QAM	1	49	15.83	16.16	15.97		
20	64QAM	1	99	16.07	15.83	15.79		
20	64QAM	50	0	15.97	16.01	15.93	16.7	0
20	64QAM	50	24	15.91	16.06	16.1		
20	64QAM	50	50	15.91	16.07	16.12		
20	64QAM	100	0	15.8	15.86	16.06		
20	256QAM	1	0	16.08	16.09	16.00	16.7	0
20	256QAM	1	49	16.11	16.14	16.03		
20	256QAM	1	99	16.06	16.15	16.13		
20	256QAM	50	0	16.14	16.15	16.07	16.7	0
20	256QAM	50	24	16.00	16.10	16.07		
20	256QAM	50	50	16.07	16.16	16.11		
20	256QAM	100	0	16.02	16.12	16.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.05	16.08	16.07	16.7	0
15	QPSK	1	37	15.99	15.99	16.02		
15	QPSK	1	74	15.93	15.98	16.02		
15	QPSK	36	0	16.07	16.06	15.99	16.7	0
15	QPSK	36	20	15.9	15.93	15.91		
15	QPSK	36	39	16.06	16.05	16.02		
15	QPSK	75	0	16.05	15.98	15.95		
15	16QAM	1	0	15.99	15.93	15.93	16.7	0
15	16QAM	1	37	16.05	16.06	16.09		
15	16QAM	1	74	16.05	16.02	15.98		
15	16QAM	36	0	15.99	15.92	15.91	16.7	0
15	16QAM	36	20	15.89	15.93	15.91		
15	16QAM	36	39	15.97	15.93	15.99		
15	16QAM	75	0	15.79	15.8	15.83		
15	64QAM	1	0	16.06	15.99	16.05	16.7	0
15	64QAM	1	37	16.06	16.07	16.11		
15	64QAM	1	74	15.72	15.71	15.79		
15	64QAM	36	0	15.98	15.99	15.92	16.7	0
15	64QAM	36	20	15.98	16	15.99		
15	64QAM	36	39	16.01	16.03	16.02		
15	64QAM	75	0	15.84	15.76	15.85		
15	256QAM	1	0	16.08	16.06	15.99	16.7	0
15	256QAM	1	37	16.11	16.09	16.02		
15	256QAM	1	74	16.05	16.13	16.11		
15	256QAM	36	0	16.08	16.12	15.95	16.7	0
15	256QAM	36	20	15.90	16.09	15.96		
15	256QAM	36	39	16.15	16.04	16.05		
15	256QAM	75	0	16.08	15.93	15.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.04	16.15	16.09	16.7	0
10	QPSK	1	25	15.97	16.04	15.97		
10	QPSK	1	49	16.02	16.01	15.93		
10	QPSK	25	0	16.05	16.01	16.09	16.7	0
10	QPSK	25	12	15.88	15.89	15.96		
10	QPSK	25	25	15.99	15.99	15.95		
10	QPSK	50	0	16.05	16.03	16.01		
10	16QAM	1	0	15.99	15.92	15.92	16.7	0
10	16QAM	1	25	16.03	16	16		
10	16QAM	1	49	16.09	16.07	16.05		
10	16QAM	25	0	15.87	15.92	15.88	16.7	0
10	16QAM	25	12	15.87	15.97	15.93		
10	16QAM	25	25	16.03	16.02	15.92		
10	16QAM	50	0	15.83	15.79	15.83		
10	64QAM	1	0	15.98	16.06	16	16.7	0
10	64QAM	1	25	16.04	16.1	16.1		
10	64QAM	1	49	15.77	15.78	15.72		
10	64QAM	25	0	15.91	15.93	15.98	16.7	0
10	64QAM	25	12	16.04	16.02	16.02		
10	64QAM	25	25	16.06	16.01	16.01		
10	64QAM	50	0	15.79	15.77	15.76		
10	256QAM	1	0	15.92	16.03	16.01	16.7	0
10	256QAM	1	25	16.07	15.94	16.02		
10	256QAM	1	49	16.08	15.95	16.04		
10	256QAM	25	0	15.99	16.03	16.01	16.7	0
10	256QAM	25	12	15.99	15.90	15.95		
10	256QAM	25	25	16.10	16.11	15.99		
10	256QAM	50	0	15.93	16.07	15.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.11	16.14	16.12	16.7	0
5	QPSK	1	12	16	15.98	15.99		
5	QPSK	1	24	16.04	16	15.94		
5	QPSK	12	0	16.05	16.02	16.07	16.7	0
5	QPSK	12	7	15.98	15.94	15.96		
5	QPSK	12	13	16.04	16.05	16.02		
5	QPSK	25	0	15.94	16.04	16.03		
5	16QAM	1	0	15.97	16.03	15.96	16.7	0
5	16QAM	1	12	16.04	16.02	16.02		
5	16QAM	1	24	16.03	16.06	16.02		
5	16QAM	12	0	15.99	15.98	15.99	16.7	0
5	16QAM	12	7	15.92	15.96	15.96		
5	16QAM	12	13	15.98	15.97	16.04		
5	16QAM	25	0	15.9	15.84	15.79		
5	64QAM	1	0	15.94	15.97	15.93	16.7	0
5	64QAM	1	12	16.01	16.06	16.11		
5	64QAM	1	24	15.72	15.82	15.77		
5	64QAM	12	0	15.96	15.95	15.92	16.7	0
5	64QAM	12	7	15.97	15.99	15.96		
5	64QAM	12	13	16.03	16.04	15.99		
5	64QAM	25	0	15.78	15.85	15.85		
5	256QAM	1	0	15.97	15.96	15.95	16.7	0
5	256QAM	1	12	16.05	16.11	16.10		
5	256QAM	1	24	16.06	16.05	16.08		
5	256QAM	12	0	16.13	16.06	16.12	16.7	0
5	256QAM	12	7	15.98	16.09	16.09		
5	256QAM	12	13	15.98	15.96	16.01		
5	256QAM	25	0	15.92	16.04	15.94		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.26	17.48	17.41	18.7	0
20	QPSK	1	49	17.14	17.08	17.25		
20	QPSK	1	99	17.27	17.22	17.09		
20	QPSK	50	0	17.26	17.43	17.39	18.7	0
20	QPSK	50	24	17.29	17.41	17.41		
20	QPSK	50	50	17.2	17.19	17.35		
20	QPSK	100	0	17.27	17.36	17.29		
20	16QAM	1	0	17.3	17.38	17.37	18.7	0
20	16QAM	1	49	17.16	17.16	17.22		
20	16QAM	1	99	17.27	17.2	17.15		
20	16QAM	50	0	17.24	17.41	17.34	18.7	0
20	16QAM	50	24	17.24	17.38	17.33		
20	16QAM	50	50	17.11	17.18	17.23		
20	16QAM	100	0	17.23	17.28	17.22		
20	64QAM	1	0	17.27	17.45	17.41	18.7	0
20	64QAM	1	49	17.1	17.17	17.17		
20	64QAM	1	99	17.28	17.26	17.16		
20	64QAM	50	0	17.23	17.39	17.42	18.7	0
20	64QAM	50	24	17.2	17.34	17.32		
20	64QAM	50	50	17.16	17.1	17.33		
20	64QAM	100	0	17.18	17.29	17.26		
20	256QAM	1	0	17.25	17.44	17.38	17.7	1
20	256QAM	1	49	17.11	17.14	17.19		
20	256QAM	1	99	17.19	17.25	17.11		
20	256QAM	50	0	17.25	17.32	17.36	18.7	0
20	256QAM	50	24	17.21	17.32	17.37		
20	256QAM	50	50	17.19	17.18	17.26		
20	256QAM	100	0	17.16	17.24	17.19		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.35	17.36	17.39	18.7	0
15	QPSK	1	37	17.18	17.1	17.21		
15	QPSK	1	74	17.26	17.22	17.15		
15	QPSK	36	0	17.22	17.39	17.28	18.7	0
15	QPSK	36	20	17.25	17.29	17.33		
15	QPSK	36	39	17.1	17.13	17.33		
15	QPSK	75	0	17.22	17.31	17.23		
15	16QAM	1	0	17.18	17.31	17.26	18.7	0
15	16QAM	1	37	17.06	17.07	17.2		
15	16QAM	1	74	17.21	17.14	17.03		
15	16QAM	36	0	17.17	17.31	17.23	18.7	0
15	16QAM	36	20	17.18	17.29	17.22		
15	16QAM	36	39	17.02	17.15	17.18		
15	16QAM	75	0	17.14	17.16	17.16		
15	64QAM	1	0	17.17	17.35	17.31	18.7	0
15	64QAM	1	37	17.06	17.1	17.14		
15	64QAM	1	74	17.21	17.24	17.11		
15	64QAM	36	0	17.11	17.31	17.33	18.7	0
15	64QAM	36	20	17.13	17.32	17.24		
15	64QAM	36	39	17.11	17.04	17.26		
15	64QAM	75	0	17.1	17.19	17.19		
15	256QAM	1	0	17.22	17.37	17.26	17.7	1
15	256QAM	1	37	17.06	17.12	17.11		
15	256QAM	1	74	17.17	17.17	17.05		
15	256QAM	36	0	17.23	17.20	17.27	18.7	0
15	256QAM	36	20	17.15	17.20	17.35		
15	256QAM	36	39	17.11	17.07	17.17		
15	256QAM	75	0	17.14	17.17	17.17		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.35	17.46	17.33	18.7	0
10	QPSK	1	25	17.16	17.15	17.2		
10	QPSK	1	49	17.2	17.24	17.17		
10	QPSK	25	0	17.14	17.41	17.32	18.7	0
10	QPSK	25	12	17.22	17.36	17.32		
10	QPSK	25	25	17.16	17.09	17.34		
10	QPSK	50	0	17.26	17.25	17.26		
10	16QAM	1	0	17.22	17.27	17.31	18.7	0
10	16QAM	1	25	17.12	17.14	17.16		
10	16QAM	1	49	17.21	17.11	17.06		
10	16QAM	25	0	17.14	17.38	17.28	18.7	0
10	16QAM	25	12	17.13	17.29	17.23		
10	16QAM	25	25	17.08	17.09	17.16		
10	16QAM	50	0	17.22	17.25	17.12		
10	64QAM	1	0	17.24	17.44	17.3	18.7	0
10	64QAM	1	25	17.03	17.07	17.05		
10	64QAM	1	49	17.27	17.15	17.1		
10	64QAM	25	0	17.19	17.32	17.3	18.7	0
10	64QAM	25	12	17.15	17.28	17.28		
10	64QAM	25	25	17.11	16.98	17.32		
10	64QAM	50	0	17.12	17.26	17.15		
10	256QAM	1	0	17.18	17.37	17.28	17.7	1
10	256QAM	1	25	17.10	17.04	17.18		
10	256QAM	1	49	17.17	17.18	17.10		
10	256QAM	25	0	17.15	17.21	17.34	18.7	0
10	256QAM	25	12	17.11	17.20	17.29		
10	256QAM	25	25	17.10	17.13	17.14		
10	256QAM	50	0	17.05	17.19	17.07		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.31	17.37	17.37	18.7	0
5	QPSK	1	12	17.15	17.11	17.18		
5	QPSK	1	24	17.2	17.22	17.09		
5	QPSK	12	0	17.23	17.39	17.31	18.7	0
5	QPSK	12	7	17.23	17.35	17.37		
5	QPSK	12	13	17.18	17.12	17.32		
5	QPSK	25	0	17.18	17.32	17.17		
5	16QAM	1	0	17.2	17.27	17.3	18.7	0
5	16QAM	1	12	17.08	17.04	17.14		
5	16QAM	1	24	17.16	17.13	17.11		
5	16QAM	12	0	17.14	17.39	17.22	18.7	0
5	16QAM	12	7	17.14	17.27	17.29		
5	16QAM	12	13	16.99	17.13	17.21		
5	16QAM	25	0	17.16	17.19	17.11		
5	64QAM	1	0	17.22	17.38	17.39	18.7	0
5	64QAM	1	12	17.05	17.1	17.14		
5	64QAM	1	24	17.2	17.21	17.05		
5	64QAM	12	0	17.18	17.28	17.31	18.7	0
5	64QAM	12	7	17.18	17.27	17.3		
5	64QAM	12	13	17.14	17.02	17.23		
5	64QAM	25	0	17.08	17.17	17.19		
5	256QAM	1	0	17.19	17.41	17.28	17.7	1
5	256QAM	1	12	17.00	17.12	17.08		
5	256QAM	1	24	17.16	17.21	17.00		
5	256QAM	12	0	17.22	17.29	17.30	18.7	0
5	256QAM	12	7	17.19	17.28	17.36		
5	256QAM	12	13	17.14	17.09	17.19		
5	256QAM	25	0	17.14	17.15	17.15		

Band 7_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.87	17.88	17.86	18.7	0
20	QPSK	1	49	17.86	17.55	17.85		
20	QPSK	1	99	17.57	17.72	17.68		
20	QPSK	50	0	17.78	17.79	17.78	18.7	0
20	QPSK	50	24	17.65	17.75	17.76		
20	QPSK	50	50	17.55	17.68	17.58		
20	QPSK	100	0	17.70	17.73	17.61		
20	16QAM	1	0	17.71	17.61	17.78	18.7	0
20	16QAM	1	49	17.72	17.71	17.81		
20	16QAM	1	99	17.85	17.59	17.83		
20	16QAM	50	0	17.75	17.86	17.77	18.7	0
20	16QAM	50	24	17.71	17.77	17.65		
20	16QAM	50	50	17.64	17.87	17.86		
20	16QAM	100	0	17.70	17.68	17.67		
20	64QAM	1	0	17.69	17.51	17.72	18.7	0
20	64QAM	1	49	17.55	17.67	17.80		
20	64QAM	1	99	17.58	17.63	17.81		
20	64QAM	50	0	17.60	17.53	17.72	18.7	0
20	64QAM	50	24	17.71	17.52	17.81		
20	64QAM	50	50	17.82	17.78	17.67		
20	64QAM	100	0	17.79	17.70	17.50		
20	256QAM	1	0	17.61	17.51	17.54	18.7	0
20	256QAM	1	49	17.81	17.52	17.69		
20	256QAM	1	99	17.54	17.77	17.66		
20	256QAM	50	0	17.87	17.59	17.69	18.7	0
20	256QAM	50	24	17.82	17.50	17.79		
20	256QAM	50	50	17.70	17.80	17.82		
20	256QAM	100	0	17.56	17.60	17.61		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.86	17.79	17.84	18.7	0
15	QPSK	1	37	17.82	17.46	17.78		
15	QPSK	1	74	17.54	17.65	17.6		
15	QPSK	36	0	17.76	17.77	17.75	18.7	0
15	QPSK	36	20	17.6	17.69	17.73		
15	QPSK	36	39	17.52	17.61	17.54		
15	QPSK	75	0	17.69	17.65	17.58		
15	16QAM	1	0	17.65	17.58	17.69	18.7	0
15	16QAM	1	37	17.63	17.68	17.79		
15	16QAM	1	74	17.77	17.52	17.79		
15	16QAM	36	0	17.7	17.77	17.67	18.7	0
15	16QAM	36	20	17.64	17.71	17.55		
15	16QAM	36	39	17.54	17.79	17.84		
15	16QAM	75	0	17.61	17.63	17.66		
15	64QAM	1	0	17.63	17.49	17.65	18.7	0
15	64QAM	1	37	17.53	17.62	17.75		
15	64QAM	1	74	17.48	17.59	17.74		
15	64QAM	36	0	17.53	17.48	17.64	18.7	0
15	64QAM	36	20	17.66	17.42	17.77		
15	64QAM	36	39	17.79	17.77	17.64		
15	64QAM	75	0	17.69	17.67	17.42		
15	256QAM	1	0	17.58	17.47	17.51	18.7	0
15	256QAM	1	37	17.75	17.42	17.67		
15	256QAM	1	74	17.45	17.76	17.61		
15	256QAM	36	0	17.79	17.50	17.67	18.7	0
15	256QAM	36	20	17.77	17.48	17.77		
15	256QAM	36	39	17.60	17.77	17.74		
15	256QAM	75	0	17.54	17.58	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.77	17.83	17.8	18.7	0
10	QPSK	1	25	17.8	17.49	17.83		
10	QPSK	1	49	17.55	17.66	17.65		
10	QPSK	25	0	17.72	17.72	17.77	18.7	0
10	QPSK	25	12	17.62	17.68	17.69		
10	QPSK	25	25	17.5	17.62	17.49		
10	QPSK	50	0	17.67	17.64	17.53		
10	16QAM	1	0	17.69	17.51	17.74	18.7	0
10	16QAM	1	25	17.66	17.61	17.77		
10	16QAM	1	49	17.79	17.52	17.73		
10	16QAM	25	0	17.69	17.82	17.74	18.7	0
10	16QAM	25	12	17.65	17.7	17.59		
10	16QAM	25	25	17.56	17.82	17.77		
10	16QAM	50	0	17.62	17.63	17.59		
10	64QAM	1	0	17.67	17.45	17.65	18.7	0
10	64QAM	1	25	17.45	17.64	17.72		
10	64QAM	1	49	17.48	17.61	17.78		
10	64QAM	25	0	17.55	17.43	17.71	18.7	0
10	64QAM	25	12	17.69	17.5	17.71		
10	64QAM	25	25	17.78	17.74	17.62		
10	64QAM	50	0	17.73	17.6	17.45		
10	256QAM	1	0	17.52	17.41	17.49	18.7	0
10	256QAM	1	25	17.73	17.47	17.63		
10	256QAM	1	49	17.45	17.76	17.56		
10	256QAM	25	0	17.80	17.53	17.68	18.7	0
10	256QAM	25	12	17.78	17.47	17.76		
10	256QAM	25	25	17.60	17.75	17.75		
10	256QAM	50	0	17.51	17.51	17.51		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.83	17.8	17.79	18.7	0
5	QPSK	1	12	17.82	17.54	17.82		
5	QPSK	1	24	17.56	17.69	17.58		
5	QPSK	12	0	17.76	17.78	17.68	18.7	0
5	QPSK	12	7	17.59	17.72	17.66		
5	QPSK	12	13	17.48	17.58	17.48		
5	QPSK	25	0	17.66	17.72	17.56		
5	16QAM	1	0	17.67	17.51	17.75	18.7	0
5	16QAM	1	12	17.71	17.61	17.74		
5	16QAM	1	24	17.82	17.57	17.78		
5	16QAM	12	0	17.74	17.76	17.67	18.7	0
5	16QAM	12	7	17.67	17.73	17.56		
5	16QAM	12	13	17.62	17.85	17.81		
5	16QAM	25	0	17.69	17.61	17.66		
5	64QAM	1	0	17.67	17.42	17.71	18.7	0
5	64QAM	1	12	17.51	17.66	17.78		
5	64QAM	1	24	17.51	17.53	17.8		
5	64QAM	12	0	17.54	17.52	17.69	18.7	0
5	64QAM	12	7	17.66	17.49	17.76		
5	64QAM	12	13	17.72	17.77	17.62		
5	64QAM	25	0	17.74	17.66	17.44		
5	256QAM	1	0	17.57	17.45	17.46	18.7	0
5	256QAM	1	12	17.76	17.46	17.64		
5	256QAM	1	24	17.45	17.72	17.59		
5	256QAM	12	0	17.79	17.57	17.65	18.7	0
5	256QAM	12	7	17.81	17.45	17.71		
5	256QAM	12	13	17.63	17.72	17.74		
5	256QAM	25	0	17.47	17.59	17.60		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.58	23.65	23.59	25	0
10	QPSK	1	25	23.55	23.6	23.54		
10	QPSK	1	49	23.52	23.53	23.5		
10	QPSK	25	0	22.54	22.63	22.54	24	1
10	QPSK	25	12	22.53	22.55	22.47		
10	QPSK	25	25	22.5	22.51	22.44		
10	QPSK	50	0	22.48	22.53	22.46		
10	16QAM	1	0	22.93	22.96	22.88	24	1
10	16QAM	1	25	22.88	22.94	23.01		
10	16QAM	1	49	22.95	23.03	22.87		
10	16QAM	25	0	21.54	21.55	21.57	23	2
10	16QAM	25	12	21.64	21.57	21.58		
10	16QAM	25	25	21.62	21.64	21.66		
10	16QAM	50	0	21.6	21.56	21.54		
10	64QAM	1	0	21.66	21.72	21.78	23	2
10	64QAM	1	25	21.72	21.79	21.88		
10	64QAM	1	49	21.79	21.79	21.73		
10	64QAM	25	0	20.53	20.54	20.55	22	3
10	64QAM	25	12	20.61	20.57	20.57		
10	64QAM	25	25	20.58	20.61	20.6		
10	64QAM	50	0	20.61	20.52	20.54		
10	256QAM	1	0	18.91	18.97	18.99	20	5
10	256QAM	1	25	18.94	19.08	18.99		
10	256QAM	1	49	19.07	19.13	19.02		
10	256QAM	25	0	18.90	18.92	18.89	20	5
10	256QAM	25	12	18.88	18.94	18.84		
10	256QAM	25	25	18.92	18.96	18.91		
10	256QAM	50	0	18.89	18.93	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.43	23.49	23.54	25	0
5	QPSK	1	12	23.53	23.6	23.6		
5	QPSK	1	24	23.5	23.53	23.58		
5	QPSK	12	0	22.49	22.52	22.55	24	1
5	QPSK	12	7	22.58	22.54	22.57		
5	QPSK	12	13	22.55	22.58	22.6		
5	QPSK	25	0	22.56	22.49	22.54		
5	16QAM	1	0	22.81	22.91	22.88	24	1
5	16QAM	1	12	22.96	22.96	23.1		
5	16QAM	1	24	22.9	22.93	22.92		
5	16QAM	12	0	21.51	21.59	21.6	23	2
5	16QAM	12	7	21.67	21.58	21.59		
5	16QAM	12	13	21.55	21.65	21.63		
5	16QAM	25	0	21.57	21.53	21.53		
5	64QAM	1	0	21.67	21.75	21.82	23	2
5	64QAM	1	12	21.83	21.79	21.84		
5	64QAM	1	24	21.72	21.72	21.77		
5	64QAM	12	0	20.54	20.54	20.55	22	3
5	64QAM	12	7	20.59	20.58	20.58		
5	64QAM	12	13	20.6	20.59	20.63		
5	64QAM	25	0	20.57	20.52	20.57		
5	256QAM	1	0	18.99	18.96	18.98	20	5
5	256QAM	1	12	18.98	19.06	19.10		
5	256QAM	1	24	19.04	19.13	19.14		
5	256QAM	12	0	18.82	18.89	18.80	20	5
5	256QAM	12	7	18.81	18.88	18.85		
5	256QAM	12	13	18.93	18.93	18.99		
5	256QAM	25	0	18.83	18.89	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.48	23.46	23.49	25	0
3	QPSK	1	8	23.49	23.54	23.55		
3	QPSK	1	14	23.4	23.46	23.45		
3	QPSK	8	0	22.58	22.53	22.55	24	1
3	QPSK	8	4	22.56	22.6	22.61		
3	QPSK	8	7	22.54	22.55	22.6		
3	QPSK	15	0	22.53	22.47	22.51		
3	16QAM	1	0	22.84	22.95	22.95	24	1
3	16QAM	1	8	23	22.93	22.94		
3	16QAM	1	14	22.78	22.88	22.8		
3	16QAM	8	0	21.65	21.64	21.62	23	2
3	16QAM	8	4	21.65	21.71	21.71		
3	16QAM	8	7	21.61	21.67	21.68		
3	16QAM	15	0	21.58	21.54	21.57		
3	64QAM	1	0	21.75	21.82	21.79	23	2
3	64QAM	1	8	21.75	21.76	21.85		
3	64QAM	1	14	21.75	21.74	21.73		
3	64QAM	8	0	20.64	20.58	20.62	22	3
3	64QAM	8	4	20.63	20.67	20.64		
3	64QAM	8	7	20.55	20.58	20.63		
3	64QAM	15	0	20.57	20.49	20.58		
3	256QAM	1	0	19.06	18.96	18.94	20	5
3	256QAM	1	8	18.89	19.02	19.09		
3	256QAM	1	14	18.95	19.12	19.22		
3	256QAM	8	0	18.92	18.95	18.71	20	5
3	256QAM	8	4	18.81	18.86	18.76		
3	256QAM	8	7	18.86	18.93	18.99		
3	256QAM	15	0	18.88	18.90	18.95		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.52	23.51	23.56	25	0
1.4	QPSK	1	3	23.5	23.56	23.56		
1.4	QPSK	1	5	23.46	23.49	23.49		
1.4	QPSK	3	0	23.53	23.52	23.58		
1.4	QPSK	3	1	23.52	23.54	23.59		
1.4	QPSK	3	3	23.56	23.53	23.57		
1.4	QPSK	6	0	22.52	22.56	22.56	24	1
1.4	16QAM	1	0	22.87	22.97	22.93	24	1
1.4	16QAM	1	3	22.94	22.96	22.97		
1.4	16QAM	1	5	22.87	22.94	22.87		
1.4	16QAM	3	0	22.71	22.74	22.76		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.67	22.73	22.75		
1.4	16QAM	6	0	21.62	21.61	21.64	23	2
1.4	64QAM	1	0	21.77	21.78	21.91	23	2
1.4	64QAM	1	3	21.78	21.81	21.73		
1.4	64QAM	1	5	21.66	21.69	21.77		
1.4	64QAM	3	0	21.72	21.67	21.75		
1.4	64QAM	3	1	21.63	21.72	21.68		
1.4	64QAM	3	3	21.6	21.67	21.67		
1.4	64QAM	6	0	20.58	20.58	20.62	22	3
1.4	256QAM	1	0	19.08	18.89	18.96	20	5
1.4	256QAM	1	3	19.07	18.99	19.12		
1.4	256QAM	1	5	19.01	19.12	19.24		
1.4	256QAM	3	0	18.73	18.98	18.74		
1.4	256QAM	3	1	18.72	18.97	18.90		
1.4	256QAM	3	3	19.02	18.84	19.03		
1.4	256QAM	6	0	18.81	18.99	18.81	20	5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.64			
10	QPSK	1	49		22.67			
10	QPSK	25	0		22.65		24	0
10	QPSK	25	12		22.61			
10	QPSK	25	25		22.53			
10	QPSK	50	0		22.57			
10	16QAM	1	0		22.63		24	0
10	16QAM	1	25		22.59			
10	16QAM	1	49		22.59			
10	16QAM	25	0		21.6		23	1
10	16QAM	25	12		21.53			
10	16QAM	25	25		21.52			
10	16QAM	50	0		21.49			
10	64QAM	1	0		21.71		23	1
10	64QAM	1	25		21.63			
10	64QAM	1	49		21.64			
10	64QAM	25	0		20.75		22	2
10	64QAM	25	12		20.79			
10	64QAM	25	25		20.63			
10	64QAM	50	0		20.68			
10	256QAM	1	0		18.66		20	4
10	256QAM	1	25		18.66			
10	256QAM	1	49		18.69			
10	256QAM	25	0		18.68		20	4
10	256QAM	25	12		18.65			
10	256QAM	25	25		18.67			
10	256QAM	50	0		18.63			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.68	22.63	22.61	24	0
5	QPSK	1	12	22.51	22.51	22.59		
5	QPSK	1	24	22.64	22.59	22.65		
5	QPSK	12	0	22.52	22.61	22.63	24	0
5	QPSK	12	7	22.6	22.54	22.52		
5	QPSK	12	13	22.43	22.43	22.48		
5	QPSK	25	0	22.53	22.49	22.44		
5	16QAM	1	0	22.56	22.54	22.61	24	0
5	16QAM	1	12	22.47	22.58	22.48		
5	16QAM	1	24	22.52	22.47	22.58		
5	16QAM	12	0	21.53	21.59	21.5	23	1
5	16QAM	12	7	21.49	21.45	21.41		
5	16QAM	12	13	21.48	21.4	21.39		
5	16QAM	25	0	21.48	21.46	21.38		
5	64QAM	1	0	21.61	21.62	21.66	23	1
5	64QAM	1	12	21.54	21.57	21.57		
5	64QAM	1	24	21.57	21.49	21.6		
5	64QAM	12	0	20.7	20.74	20.71	22	2
5	64QAM	12	7	20.76	20.73	20.75		
5	64QAM	12	13	20.58	20.62	20.58		
5	64QAM	25	0	20.66	20.58	20.61		
5	256QAM	1	0	18.61	18.47	18.58	20	4
5	256QAM	1	12	18.62	18.46	18.50		
5	256QAM	1	24	18.67	18.63	18.55		
5	256QAM	12	0	18.51	18.55	18.52	20	4
5	256QAM	12	7	18.62	18.60	18.61		
5	256QAM	12	13	18.52	18.48	18.52		
5	256QAM	25	0	18.59	18.55	18.54		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.39	23.43	23.37	25	0
10	QPSK	1	25	23.36	23.39	23.33		
10	QPSK	1	49	23.29	23.3	23.3		
10	QPSK	25	0	22.43	22.53	22.4	24	1
10	QPSK	25	12	22.4	22.47	22.38		
10	QPSK	25	25	22.36	22.42	22.35		
10	QPSK	50	0	22.37	22.38	22.37		
10	16QAM	1	0	22.73	22.74	22.77	24	1
10	16QAM	1	25	22.76	22.73	22.7		
10	16QAM	1	49	22.71	22.77	22.8		
10	16QAM	25	0	21.4	21.42	21.42	23	2
10	16QAM	25	12	21.51	21.45	21.45		
10	16QAM	25	25	21.46	21.45	21.42		
10	16QAM	50	0	21.39	21.39	21.38		
10	64QAM	1	0	21.48	21.48	21.42	23	2
10	64QAM	1	25	21.6	21.56	21.67		
10	64QAM	1	49	21.61	21.61	21.45		
10	64QAM	25	0	20.43	20.39	20.41	22	3
10	64QAM	25	12	20.52	20.44	20.43		
10	64QAM	25	25	20.45	20.43	20.42		
10	64QAM	50	0	20.37	20.4	20.38		
10	256QAM	1	0	18.67	18.76	18.68	20	5
10	256QAM	1	25	18.82	18.86	18.78		
10	256QAM	1	49	18.69	18.82	18.72		
10	256QAM	25	0	18.70	18.76	18.75	20	5
10	256QAM	25	12	18.82	18.83	18.76		
10	256QAM	25	25	18.82	18.81	18.81		
10	256QAM	50	0	18.71	18.75	18.73		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.37	23.41	23.33	25	0
5	QPSK	1	12	23.34	23.4	23.31		
5	QPSK	1	24	23.28	23.32	23.28		
5	QPSK	12	0	22.42	22.44	22.43	24	1
5	QPSK	12	7	22.42	22.38	22.44		
5	QPSK	12	13	22.38	22.41	22.37		
5	QPSK	25	0	22.41	22.39	22.36		
5	16QAM	1	0	22.75	22.78	22.76	24	1
5	16QAM	1	12	22.82	22.84	22.84		
5	16QAM	1	24	22.64	22.73	22.63		
5	16QAM	12	0	21.46	21.49	21.52	23	2
5	16QAM	12	7	21.51	21.45	21.51		
5	16QAM	12	13	21.41	21.46	21.43		
5	16QAM	25	0	21.44	21.41	21.38		
5	64QAM	1	0	21.58	21.76	21.73	23	2
5	64QAM	1	12	21.63	21.59	21.52		
5	64QAM	1	24	21.56	21.52	21.45		
5	64QAM	12	0	20.45	20.48	20.48	22	3
5	64QAM	12	7	20.49	20.43	20.49		
5	64QAM	12	13	20.39	20.4	20.4		
5	64QAM	25	0	20.46	20.38	20.38		
5	256QAM	1	0	18.64	18.72	18.76	20	5
5	256QAM	1	12	18.85	18.85	18.88		
5	256QAM	1	24	18.72	18.78	18.74		
5	256QAM	12	0	18.68	18.78	18.71	20	5
5	256QAM	12	7	18.78	18.79	18.74		
5	256QAM	12	13	18.75	18.74	18.70		
5	256QAM	25	0	18.70	18.72	18.73		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.23	17.24	17.04	18	0
20	QPSK	1	49	17.18	17.19	17.11		
20	QPSK	1	99	16.99	17.01	16.97		
20	QPSK	50	0	17.15	17.17	17.04	18	0
20	QPSK	50	24	16.83	16.85	16.79		
20	QPSK	50	50	16.91	16.93	16.85		
20	QPSK	100	0	16.91	16.94	16.84		
20	16QAM	1	0	16.7	16.91	16.78	18	0
20	16QAM	1	49	16.82	16.85	16.73		
20	16QAM	1	99	16.78	16.8	16.77		
20	16QAM	50	0	16.73	16.76	16.71	18	0
20	16QAM	50	24	16.73	16.83	16.74		
20	16QAM	50	50	16.73	16.79	16.69		
20	16QAM	100	0	16.81	16.74	16.72		
20	64QAM	1	0	16.73	16.83	16.76	18	0
20	64QAM	1	49	16.76	16.76	16.79		
20	64QAM	1	99	16.77	16.76	16.74		
20	64QAM	50	0	16.72	16.79	16.7	18	0
20	64QAM	50	24	16.77	16.84	16.77		
20	64QAM	50	50	16.75	16.78	16.71		
20	64QAM	100	0	16.78	16.75	16.7		
20	256QAM	1	0	16.90	16.93	16.92	18	0
20	256QAM	1	49	16.82	16.92	16.89		
20	256QAM	1	99	16.89	16.92	16.89		
20	256QAM	50	0	16.78	16.87	16.85	18	0
20	256QAM	50	24	16.87	16.92	16.89		
20	256QAM	50	50	16.81	16.82	16.71		
20	256QAM	100	0	16.76	16.87	16.84		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.07	17.12	17.12	18	0
15	QPSK	1	37	17.03	17.07	17.04		
15	QPSK	1	74	16.79	16.85	16.78		
15	QPSK	36	0	16.89	16.86	16.92	18	0
15	QPSK	36	20	16.7	16.62	16.71		
15	QPSK	36	39	16.71	16.74	16.75		
15	QPSK	75	0	16.72	16.79	16.78		
15	16QAM	1	0	16.89	16.89	16.84	18	0
15	16QAM	1	37	16.74	16.76	16.78		
15	16QAM	1	74	16.73	16.72	16.71		
15	16QAM	36	0	16.68	16.66	16.74	18	0
15	16QAM	36	20	16.8	16.76	16.82		
15	16QAM	36	39	16.73	16.73	16.67		
15	16QAM	75	0	16.72	16.61	16.66		
15	64QAM	1	0	16.77	16.79	16.76	18	0
15	64QAM	1	37	16.65	16.68	16.75		
15	64QAM	1	74	16.68	16.73	16.7		
15	64QAM	36	0	16.78	16.69	16.72	18	0
15	64QAM	36	20	16.82	16.77	16.78		
15	64QAM	36	39	16.75	16.77	16.77		
15	64QAM	75	0	16.69	16.65	16.74		
15	256QAM	1	0	16.81	16.73	16.82	18	0
15	256QAM	1	37	16.74	16.88	16.77		
15	256QAM	1	74	16.90	16.86	16.76		
15	256QAM	36	0	16.78	16.71	16.68	18	0
15	256QAM	36	20	16.87	16.85	16.76		
15	256QAM	36	39	16.80	16.79	16.69		
15	256QAM	75	0	16.75	16.68	16.72		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.09	17.02	17.06	18	0
10	QPSK	1	25	17.06	17.06	17.07		
10	QPSK	1	49	16.88	16.84	16.82		
10	QPSK	25	0	16.87	16.84	16.88	18	0
10	QPSK	25	12	16.74	16.68	16.68		
10	QPSK	25	25	16.75	16.77	16.8		
10	QPSK	50	0	16.78	16.8	16.72		
10	16QAM	1	0	16.88	16.88	16.86	18	0
10	16QAM	1	25	16.84	16.76	16.78		
10	16QAM	1	49	16.78	16.69	16.69		
10	16QAM	25	0	16.72	16.75	16.71	18	0
10	16QAM	25	12	16.81	16.81	16.74		
10	16QAM	25	25	16.68	16.74	16.72		
10	16QAM	50	0	16.68	16.63	16.61		
10	64QAM	1	0	16.68	16.78	16.68	18	0
10	64QAM	1	25	16.69	16.65	16.69		
10	64QAM	1	49	16.69	16.74	16.64		
10	64QAM	25	0	16.77	16.75	16.76	18	0
10	64QAM	25	12	16.75	16.75	16.79		
10	64QAM	25	25	16.68	16.69	16.75		
10	64QAM	50	0	16.73	16.7	16.69		
10	256QAM	1	0	16.88	16.83	16.78	18	0
10	256QAM	1	25	16.87	16.80	16.73		
10	256QAM	1	49	16.72	16.89	16.84		
10	256QAM	25	0	16.83	16.86	16.82	18	0
10	256QAM	25	12	16.87	16.91	16.80		
10	256QAM	25	25	16.63	16.72	16.79		
10	256QAM	50	0	16.72	16.77	16.75		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.07	17.11	17.08	18	0
5	QPSK	1	12	16.97	17.04	16.98		
5	QPSK	1	24	16.84	16.87	16.84		
5	QPSK	12	0	16.95	16.88	16.96	18	0
5	QPSK	12	7	16.66	16.73	16.63		
5	QPSK	12	13	16.82	16.75	16.72		
5	QPSK	25	0	16.71	16.83	16.77		
5	16QAM	1	0	16.86	16.88	16.81	18	0
5	16QAM	1	12	16.72	16.72	16.78		
5	16QAM	1	24	16.77	16.7	16.76		
5	16QAM	12	0	16.7	16.67	16.69	18	0
5	16QAM	12	7	16.72	16.8	16.77		
5	16QAM	12	13	16.76	16.73	16.78		
5	16QAM	25	0	16.66	16.66	16.62		
5	64QAM	1	0	16.69	16.72	16.69	18	0
5	64QAM	1	12	16.7	16.67	16.61		
5	64QAM	1	24	16.68	16.63	16.65		
5	64QAM	12	0	16.77	16.71	16.77	18	0
5	64QAM	12	7	16.76	16.8	16.8		
5	64QAM	12	13	16.76	16.72	16.75		
5	64QAM	25	0	16.65	16.71	16.69		
5	256QAM	1	0	16.86	16.81	16.88	18	0
5	256QAM	1	12	16.80	16.78	16.73		
5	256QAM	1	24	16.89	16.74	16.90		
5	256QAM	12	0	16.84	16.79	16.71	18	0
5	256QAM	12	7	16.75	16.84	16.76		
5	256QAM	12	13	16.75	16.75	16.77		
5	256QAM	25	0	16.69	16.68	16.78		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.06	17.12	17.11	18	0
3	QPSK	1	8	16.96	17.01	17.06		
3	QPSK	1	14	16.83	16.84	16.81		
3	QPSK	8	0	16.96	16.95	16.87	18	0
3	QPSK	8	4	16.62	16.73	16.74		
3	QPSK	8	7	16.79	16.75	16.82		
3	QPSK	15	0	16.83	16.72	16.77		
3	16QAM	1	0	16.83	16.86	16.78	18	0
3	16QAM	1	8	16.77	16.79	16.77		
3	16QAM	1	14	16.76	16.71	16.73		
3	16QAM	8	0	16.63	16.68	16.71	18	0
3	16QAM	8	4	16.81	16.8	16.82		
3	16QAM	8	7	16.75	16.75	16.73		
3	16QAM	15	0	16.63	16.7	16.63		
3	64QAM	1	0	16.75	16.7	16.71	18	0
3	64QAM	1	8	16.63	16.7	16.67		
3	64QAM	1	14	16.71	16.66	16.64		
3	64QAM	8	0	16.71	16.71	16.71	18	0
3	64QAM	8	4	16.76	16.74	16.78		
3	64QAM	8	7	16.73	16.76	16.76		
3	64QAM	15	0	16.71	16.71	16.7		
3	256QAM	1	0	16.91	16.84	16.89	18	0
3	256QAM	1	8	16.79	16.83	16.80		
3	256QAM	1	14	16.75	16.90	16.83		
3	256QAM	8	0	16.81	16.76	16.77	18	0
3	256QAM	8	4	16.89	16.83	16.84		
3	256QAM	8	7	16.64	16.62	16.68		
3	256QAM	15	0	16.76	16.68	16.72		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.12	17.03	17.05	18	0
1.4	QPSK	1	3	16.96	17.06	17.05		
1.4	QPSK	1	5	16.81	16.78	16.78		
1.4	QPSK	3	0	16.94	16.89	16.96		
1.4	QPSK	3	1	16.62	16.72	16.66		
1.4	QPSK	3	3	16.82	16.76	16.78		
1.4	QPSK	6	0	16.74	16.83	16.8	18	0
1.4	16QAM	1	0	16.85	16.79	16.85	18	0
1.4	16QAM	1	3	16.83	16.76	16.83		
1.4	16QAM	1	5	16.76	16.71	16.74		
1.4	16QAM	3	0	16.69	16.68	16.63		
1.4	16QAM	3	1	16.77	16.77	16.71		
1.4	16QAM	3	3	16.78	16.78	16.76		
1.4	16QAM	6	0	16.63	16.7	16.69	18	0
1.4	64QAM	1	0	16.75	16.75	16.71	18	0
1.4	64QAM	1	3	16.67	16.66	16.66		
1.4	64QAM	1	5	16.65	16.71	16.62		
1.4	64QAM	3	0	16.69	16.74	16.74		
1.4	64QAM	3	1	16.78	16.77	16.75		
1.4	64QAM	3	3	16.69	16.7	16.76		
1.4	64QAM	6	0	16.65	16.68	16.65	18	0
1.4	256QAM	1	0	16.91	16.83	16.87	18	0
1.4	256QAM	1	3	16.80	16.79	16.88		
1.4	256QAM	1	5	16.91	16.77	16.82		
1.4	256QAM	3	0	16.68	16.69	16.75		
1.4	256QAM	3	1	16.82	16.80	16.86		
1.4	256QAM	3	3	16.73	16.73	16.76		
1.4	256QAM	6	0	16.81	16.70	16.75	18	0

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.43	22.5	22.37	24	0
15	QPSK	1	37	22.34	22.47	22.31		
15	QPSK	1	74	22.27	22.45	22.24		
15	QPSK	36	0	22.21	22.42	22.27	24	0
15	QPSK	36	20	22.24	22.31	22.19		
15	QPSK	36	39	22.31	22.41	22.28		
15	QPSK	75	0	22.21	22.39	22.27		
15	16QAM	1	0	22.38	22.49	22.29	24	0
15	16QAM	1	37	22.29	22.45	22.26		
15	16QAM	1	74	22.16	22.41	22.22		
15	16QAM	36	0	21.38	21.61	21.39	23	1
15	16QAM	36	20	21.34	21.46	21.29		
15	16QAM	36	39	21.46	21.59	21.4		
15	16QAM	75	0	21.3	21.58	21.45		
15	64QAM	1	0	21.54	21.62	21.45	23	1
15	64QAM	1	37	21.42	21.61	21.44		
15	64QAM	1	74	21.4	21.61	21.34		
15	64QAM	36	0	20.41	20.6	20.46	22	2
15	64QAM	36	20	20.52	20.57	20.42		
15	64QAM	36	39	20.59	20.6	20.57		
15	64QAM	75	0	20.46	20.67	20.46		
15	256QAM	1	0	18.27	18.38	18.37	20	4
15	256QAM	1	37	18.30	18.39	18.31		
15	256QAM	1	74	18.31	18.40	18.33		
15	256QAM	36	0	18.43	18.45	18.32	20	4
15	256QAM	36	20	18.34	18.38	18.34		
15	256QAM	36	39	18.33	18.44	18.40		
15	256QAM	75	0	18.39	18.40	18.32		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.38	22.37	24	0
10	QPSK	1	25	22.37	22.41	22.38		
10	QPSK	1	49	22.4	22.42	22.41		
10	QPSK	25	0	22.41	22.4	22.34	24	0
10	QPSK	25	12	22.28	22.21	22.19		
10	QPSK	25	25	22.34	22.4	22.33		
10	QPSK	50	0	22.32	22.26	22.3		
10	16QAM	1	0	22.44	22.45	22.41	24	0
10	16QAM	1	25	22.34	22.35	22.32		
10	16QAM	1	49	22.4	22.28	22.35		
10	16QAM	25	0	21.55	21.51	21.48	23	1
10	16QAM	25	12	21.43	21.43	21.35		
10	16QAM	25	25	21.51	21.5	21.53		
10	16QAM	50	0	21.53	21.49	21.55		
10	64QAM	1	0	21.54	21.49	21.6	23	1
10	64QAM	1	25	21.58	21.47	21.54		
10	64QAM	1	49	21.5	21.55	21.54		
10	64QAM	25	0	20.52	20.54	20.5	22	2
10	64QAM	25	12	20.53	20.52	20.49		
10	64QAM	25	25	20.52	20.5	20.54		
10	64QAM	50	0	20.65	20.57	20.61		
10	256QAM	1	0	18.20	18.25	18.36	20	4
10	256QAM	1	25	18.23	18.24	18.34		
10	256QAM	1	49	18.35	18.29	18.21		
10	256QAM	25	0	18.34	18.29	18.44	20	4
10	256QAM	25	12	18.21	18.29	18.27		
10	256QAM	25	25	18.39	18.40	18.25		
10	256QAM	50	0	18.38	18.38	18.35		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.47	22.44	22.43	24	0
5	QPSK	1	12	22.4	22.45	22.4		
5	QPSK	1	24	22.39	22.36	22.42		
5	QPSK	12	0	22.29	22.41	22.36	24	0
5	QPSK	12	7	22.25	22.28	22.24		
5	QPSK	12	13	22.3	22.39	22.39		
5	QPSK	25	0	22.37	22.36	22.32		
5	16QAM	1	0	22.39	22.4	22.39	24	0
5	16QAM	1	12	22.41	22.39	22.37		
5	16QAM	1	24	22.34	22.37	22.39		
5	16QAM	12	0	21.57	21.59	21.48	23	1
5	16QAM	12	7	21.38	21.35	21.35		
5	16QAM	12	13	21.58	21.55	21.52		
5	16QAM	25	0	21.46	21.52	21.54		
5	64QAM	1	0	21.54	21.54	21.58	23	1
5	64QAM	1	12	21.57	21.58	21.52		
5	64QAM	1	24	21.47	21.57	21.46		
5	64QAM	12	0	20.59	20.54	20.54	22	2
5	64QAM	12	7	20.47	20.51	20.54		
5	64QAM	12	13	20.53	20.54	20.52		
5	64QAM	25	0	20.58	20.63	20.62		
5	256QAM	1	0	18.37	18.19	18.33	20	4
5	256QAM	1	12	18.29	18.33	18.34		
5	256QAM	1	24	18.20	18.24	18.25		
5	256QAM	12	0	18.27	18.35	18.41	20	4
5	256QAM	12	7	18.34	18.36	18.28		
5	256QAM	12	13	18.39	18.27	18.37		
5	256QAM	25	0	18.22	18.27	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.45	22.43	22.44	24	0
3	QPSK	1	8	22.45	22.46	22.35		
3	QPSK	1	14	22.34	22.38	22.41		
3	QPSK	8	0	22.31	22.29	22.33	24	0
3	QPSK	8	4	22.26	22.3	22.25		
3	QPSK	8	7	22.31	22.39	22.35		
3	QPSK	15	0	22.35	22.27	22.35		
3	16QAM	1	0	22.46	22.48	22.47	24	0
3	16QAM	1	8	22.34	22.44	22.4		
3	16QAM	1	14	22.4	22.32	22.33		
3	16QAM	8	0	21.56	21.56	21.51	23	1
3	16QAM	8	4	21.34	21.4	21.41		
3	16QAM	8	7	21.48	21.52	21.46		
3	16QAM	15	0	21.56	21.54	21.47		
3	64QAM	1	0	21.48	21.47	21.6	23	1
3	64QAM	1	8	21.54	21.59	21.54		
3	64QAM	1	14	21.56	21.46	21.53		
3	64QAM	8	0	20.52	20.5	20.52	22	2
3	64QAM	8	4	20.51	20.56	20.52		
3	64QAM	8	7	20.5	20.54	20.56		
3	64QAM	15	0	20.66	20.57	20.61		
3	256QAM	1	0	18.29	18.36	18.26	20	4
3	256QAM	1	8	18.30	18.22	18.25		
3	256QAM	1	14	18.39	18.27	18.38		
3	256QAM	8	0	18.41	18.34	18.30	20	4
3	256QAM	8	4	18.23	18.26	18.20		
3	256QAM	8	7	18.38	18.36	18.33		
3	256QAM	15	0	18.24	18.39	18.38		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.4	22.42	22.46	24	0
1.4	QPSK	1	3	22.45	22.46	22.34		
1.4	QPSK	1	5	22.34	22.4	22.44		
1.4	QPSK	3	0	22.32	22.3	22.31		
1.4	QPSK	3	1	22.18	22.21	22.3		
1.4	QPSK	3	3	22.3	22.29	22.37		
1.4	QPSK	6	0	22.28	22.32	22.38	24	0
1.4	16QAM	1	0	22.42	22.37	22.4	24	0
1.4	16QAM	1	3	22.43	22.34	22.36		
1.4	16QAM	1	5	22.31	22.35	22.39		
1.4	16QAM	3	0	22.38	22.31	22.4		
1.4	16QAM	3	1	22.2	22.23	22.19		
1.4	16QAM	3	3	22.33	22.27	22.27		
1.4	16QAM	6	0	21.47	21.48	21.46	23	1
1.4	64QAM	1	0	21.51	21.6	21.48	23	1
1.4	64QAM	1	3	21.48	21.55	21.59		
1.4	64QAM	1	5	21.5	21.6	21.51		
1.4	64QAM	3	0	21.36	21.33	21.33		
1.4	64QAM	3	1	21.29	21.33	21.29		
1.4	64QAM	3	3	21.35	21.33	21.37		
1.4	64QAM	6	0	20.61	20.59	20.62	22	2
1.4	256QAM	1	0	18.20	18.36	18.26	20	4
1.4	256QAM	1	3	18.25	18.33	18.35		
1.4	256QAM	1	5	18.35	18.33	18.34		
1.4	256QAM	3	0	18.30	18.36	18.44		
1.4	256QAM	3	1	18.30	18.22	18.23		
1.4	256QAM	3	3	18.25	18.39	18.39		
1.4	256QAM	6	0	18.33	18.37	18.39	20	4

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.74		18.5	0
10	QPSK	1	25		17.54			
10	QPSK	1	49		17.51			
10	QPSK	25	0		17.73		18.5	0
10	QPSK	25	12		17.47			
10	QPSK	25	25		17.45			
10	QPSK	50	0		17.51			
10	16QAM	1	0		17.57		18.5	0
10	16QAM	1	25		17.5			
10	16QAM	1	49		17.54			
10	16QAM	25	0		17.53		18.5	0
10	16QAM	25	12		17.42			
10	16QAM	25	25		17.47			
10	16QAM	50	0		17.51			
10	64QAM	1	0		17.44		18.5	0
10	64QAM	1	25		17.49			
10	64QAM	1	49		17.53			
10	64QAM	25	0		17.52		18.5	0
10	64QAM	25	12		17.41			
10	64QAM	25	25		17.46			
10	64QAM	50	0		17.58			
10	256QAM	1	0		17.51		18.5	0
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.56			
10	256QAM	25	0		17.53		18.5	0
10	256QAM	25	12		17.57			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.51			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.57	17.57	17.49	18.5	0
5	QPSK	1	12	17.42	17.47	17.5		
5	QPSK	1	24	17.47	17.43	17.44		
5	QPSK	12	0	17.43	17.43	17.49	18.5	0
5	QPSK	12	7	17.37	17.41	17.39		
5	QPSK	12	13	17.4	17.38	17.4		
5	QPSK	25	0	17.48	17.41	17.41		
5	16QAM	1	0	17.48	17.55	17.45	18.5	0
5	16QAM	1	12	17.38	17.39	17.49		
5	16QAM	1	24	17.5	17.44	17.43		
5	16QAM	12	0	17.48	17.47	17.49	18.5	0
5	16QAM	12	7	17.36	17.41	17.39		
5	16QAM	12	13	17.37	17.41	17.41		
5	16QAM	25	0	17.39	17.44	17.38		
5	64QAM	1	0	17.29	17.32	17.38	18.5	0
5	64QAM	1	12	17.47	17.36	17.43		
5	64QAM	1	24	17.4	17.4	17.49		
5	64QAM	12	0	17.5	17.46	17.45	18.5	0
5	64QAM	12	7	17.32	17.34	17.37		
5	64QAM	12	13	17.38	17.41	17.37		
5	64QAM	25	0	17.53	17.56	17.53		
5	256QAM	1	0	17.37	17.49	17.31	18.5	0
5	256QAM	1	12	17.48	17.43	17.37		
5	256QAM	1	24	17.50	17.37	17.37		
5	256QAM	12	0	17.33	17.47	17.41	18.5	0
5	256QAM	12	7	17.55	17.39	17.37		
5	256QAM	12	13	17.41	17.41	17.44		
5	256QAM	25	0	17.41	17.43	17.35		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.55	17.61	17.6	18.5	0
20	QPSK	1	49	17.31	17.47	17.4		
20	QPSK	1	99	17.37	17.41	17.33		
20	QPSK	50	0	17.45	17.6	17.59	18.5	0
20	QPSK	50	24	17.43	17.49	17.35		
20	QPSK	50	50	17.16	17.36	17.36		
20	QPSK	100	0	17.41	17.51	17.34		
20	16QAM	1	0	17.22	17.35	17.29	18.5	0
20	16QAM	1	49	17.29	17.39	17.29		
20	16QAM	1	99	17.26	17.46	17.39		
20	16QAM	50	0	17.24	17.41	17.34	18.5	0
20	16QAM	50	24	17.19	17.45	17.36		
20	16QAM	50	50	17.26	17.43	17.37		
20	16QAM	100	0	17.29	17.37	17.3		
20	64QAM	1	0	17.29	17.4	17.39	18.5	0
20	64QAM	1	49	17.29	17.46	17.32		
20	64QAM	1	99	17.29	17.38	17.39		
20	64QAM	50	0	17.28	17.44	17.39	18.5	0
20	64QAM	50	24	17.29	17.37	17.39		
20	64QAM	50	50	17.27	17.36	17.34		
20	64QAM	100	0	17.2	17.46	17.29		
20	256QAM	1	0	17.49	17.52	17.51	18.5	0
20	256QAM	1	49	17.42	17.45	17.33		
20	256QAM	1	99	17.39	17.52	17.50		
20	256QAM	50	0	17.33	17.44	17.41	18.5	0
20	256QAM	50	24	17.34	17.44	17.40		
20	256QAM	50	50	17.35	17.46	17.43		
20	256QAM	100	0	17.41	17.51	17.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.47	17.49	17.45	18.5	0
15	QPSK	1	37	17.46	17.46	17.41		
15	QPSK	1	74	17.39	17.29	17.28		
15	QPSK	36	0	17.41	17.49	17.44	18.5	0
15	QPSK	36	20	17.38	17.36	17.41		
15	QPSK	36	39	17.27	17.25	17.27		
15	QPSK	75	0	17.46	17.47	17.49		
15	16QAM	1	0	17.32	17.26	17.24	18.5	0
15	16QAM	1	37	17.37	17.26	17.29		
15	16QAM	1	74	17.41	17.35	17.45		
15	16QAM	36	0	17.3	17.29	17.32	18.5	0
15	16QAM	36	20	17.37	17.36	17.41		
15	16QAM	36	39	17.31	17.3	17.33		
15	16QAM	75	0	17.35	17.25	17.26		
15	64QAM	1	0	17.26	17.32	17.26	18.5	0
15	64QAM	1	37	17.38	17.43	17.35		
15	64QAM	1	74	17.23	17.34	17.26		
15	64QAM	36	0	17.41	17.38	17.38	18.5	0
15	64QAM	36	20	17.33	17.27	17.36		
15	64QAM	36	39	17.31	17.35	17.27		
15	64QAM	75	0	17.41	17.4	17.36		
15	256QAM	1	0	17.49	17.33	17.33	18.5	0
15	256QAM	1	37	17.26	17.28	17.32		
15	256QAM	1	74	17.48	17.35	17.48		
15	256QAM	36	0	17.29	17.33	17.40	18.5	0
15	256QAM	36	20	17.34	17.42	17.30		
15	256QAM	36	39	17.37	17.33	17.27		
15	256QAM	75	0	17.49	17.40	17.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.45	17.44	17.45	18.5	0
10	QPSK	1	25	17.45	17.43	17.38		
10	QPSK	1	49	17.31	17.38	17.4		
10	QPSK	25	0	17.4	17.41	17.51	18.5	0
10	QPSK	25	12	17.36	17.39	17.43		
10	QPSK	25	25	17.24	17.29	17.24		
10	QPSK	50	0	17.49	17.38	17.42		
10	16QAM	1	0	17.25	17.25	17.27	18.5	0
10	16QAM	1	25	17.33	17.3	17.37		
10	16QAM	1	49	17.41	17.33	17.41		
10	16QAM	25	0	17.32	17.33	17.28	18.5	0
10	16QAM	25	12	17.37	17.37	17.42		
10	16QAM	25	25	17.31	17.31	17.38		
10	16QAM	50	0	17.34	17.35	17.31		
10	64QAM	1	0	17.25	17.37	17.28	18.5	0
10	64QAM	1	25	17.33	17.33	17.37		
10	64QAM	1	49	17.31	17.28	17.32		
10	64QAM	25	0	17.41	17.34	17.35	18.5	0
10	64QAM	25	12	17.28	17.29	17.34		
10	64QAM	25	25	17.3	17.33	17.31		
10	64QAM	50	0	17.43	17.39	17.44		
10	256QAM	1	0	17.37	17.36	17.34	18.5	0
10	256QAM	1	25	17.41	17.44	17.25		
10	256QAM	1	49	17.39	17.32	17.39		
10	256QAM	25	0	17.41	17.37	17.41	18.5	0
10	256QAM	25	12	17.40	17.31	17.26		
10	256QAM	25	25	17.38	17.32	17.45		
10	256QAM	50	0	17.39	17.40	17.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.47	17.44	17.56	18.5	0
5	QPSK	1	12	17.37	17.44	17.41		
5	QPSK	1	24	17.3	17.39	17.4		
5	QPSK	12	0	17.51	17.43	17.48	18.5	0
5	QPSK	12	7	17.38	17.36	17.45		
5	QPSK	12	13	17.26	17.25	17.33		
5	QPSK	25	0	17.4	17.4	17.49		
5	16QAM	1	0	17.3	17.25	17.32	18.5	0
5	16QAM	1	12	17.28	17.37	17.32		
5	16QAM	1	24	17.33	17.36	17.4		
5	16QAM	12	0	17.3	17.31	17.37	18.5	0
5	16QAM	12	7	17.41	17.32	17.4		
5	16QAM	12	13	17.42	17.37	17.38		
5	16QAM	25	0	17.34	17.27	17.25		
5	64QAM	1	0	17.32	17.34	17.29	18.5	0
5	64QAM	1	12	17.31	17.42	17.35		
5	64QAM	1	24	17.3	17.34	17.37		
5	64QAM	12	0	17.37	17.41	17.41	18.5	0
5	64QAM	12	7	17.33	17.35	17.31		
5	64QAM	12	13	17.3	17.3	17.26		
5	64QAM	25	0	17.36	17.36	17.38		
5	256QAM	1	0	17.44	17.33	17.35	18.5	0
5	256QAM	1	12	17.33	17.38	17.27		
5	256QAM	1	24	17.48	17.43	17.40		
5	256QAM	12	0	17.39	17.29	17.35	18.5	0
5	256QAM	12	7	17.42	17.43	17.43		
5	256QAM	12	13	17.27	17.38	17.36		
5	256QAM	25	0	17.45	17.48	17.47		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.53	17.55	17.46	18.5	0
3	QPSK	1	8	17.41	17.42	17.45		
3	QPSK	1	14	17.36	17.38	17.39		
3	QPSK	8	0	17.4	17.49	17.49	18.5	0
3	QPSK	8	4	17.39	17.45	17.48		
3	QPSK	8	7	17.35	17.27	17.3		
3	QPSK	15	0	17.39	17.39	17.38		
3	16QAM	1	0	17.33	17.23	17.22	18.5	0
3	16QAM	1	8	17.28	17.31	17.37		
3	16QAM	1	14	17.42	17.44	17.45		
3	16QAM	8	0	17.29	17.33	17.39	18.5	0
3	16QAM	8	4	17.37	17.42	17.43		
3	16QAM	8	7	17.3	17.37	17.4		
3	16QAM	15	0	17.3	17.31	17.25		
3	64QAM	1	0	17.32	17.36	17.3	18.5	0
3	64QAM	1	8	17.4	17.43	17.45		
3	64QAM	1	14	17.36	17.3	17.31		
3	64QAM	8	0	17.39	17.41	17.4	18.5	0
3	64QAM	8	4	17.34	17.31	17.34		
3	64QAM	8	7	17.31	17.29	17.35		
3	64QAM	15	0	17.39	17.41	17.4		
3	256QAM	1	0	17.41	17.37	17.43	18.5	0
3	256QAM	1	8	17.34	17.28	17.37		
3	256QAM	1	14	17.32	17.36	17.51		
3	256QAM	8	0	17.40	17.41	17.38	18.5	0
3	256QAM	8	4	17.28	17.25	17.43		
3	256QAM	8	7	17.33	17.35	17.34		
3	256QAM	15	0	17.37	17.43	17.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.48	17.51	17.49	18.5	0
1.4	QPSK	1	3	17.34	17.43	17.36		
1.4	QPSK	1	5	17.35	17.32	17.33		
1.4	QPSK	3	0	17.51	17.42	17.45		
1.4	QPSK	3	1	17.42	17.38	17.38		
1.4	QPSK	3	3	17.23	17.3	17.24		
1.4	QPSK	6	0	17.43	17.46	17.4	18.5	0
1.4	16QAM	1	0	17.26	17.24	17.28	18.5	0
1.4	16QAM	1	3	17.28	17.37	17.32		
1.4	16QAM	1	5	17.35	17.38	17.42		
1.4	16QAM	3	0	17.33	17.31	17.39		
1.4	16QAM	3	1	17.37	17.38	17.35		
1.4	16QAM	3	3	17.31	17.3	17.33		
1.4	16QAM	6	0	17.36	17.34	17.35	18.5	0
1.4	64QAM	1	0	17.28	17.33	17.29	18.5	0
1.4	64QAM	1	3	17.34	17.38	17.41		
1.4	64QAM	1	5	17.34	17.32	17.25		
1.4	64QAM	3	0	17.38	17.42	17.39		
1.4	64QAM	3	1	17.29	17.28	17.36		
1.4	64QAM	3	3	17.28	17.28	17.32		
1.4	64QAM	6	0	17.45	17.38	17.45	18.5	0
1.4	256QAM	1	0	17.47	17.4	17.41	18.5	0
1.4	256QAM	1	3	17.26	17.41	17.38		
1.4	256QAM	1	5	17.49	17.41	17.47		
1.4	256QAM	3	0	17.28	17.39	17.26		
1.4	256QAM	3	1	17.36	17.34	17.42		
1.4	256QAM	3	3	17.31	17.43	17.27		
1.4	256QAM	6	0	17.43	17.46	17.44	18.5	0

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25	25	0
20	QPSK	1	49	24.28	24.17	24.21		
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13	24	1
20	QPSK	50	24	23.24	23.23	23.21		
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81	24	1
20	16QAM	1	49	22.73	22.81	22.66		
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07	23	2
20	16QAM	50	24	22.14	22.24	22.11		
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18	23	2
20	64QAM	1	49	22.35	22.37	22.29		
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17	22	3
20	64QAM	50	24	21.18	21.21	21.14		
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90	20	5
20	256QAM	1	49	19.11	19.16	19.01		
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15	20	5
20	256QAM	50	24	19.20	19.27	19.20		
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2	25	0
15	QPSK	1	37	24.19	24.09	24.11		
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07	24	1
15	QPSK	36	20	23.18	23.08	23.11		
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69	24	1
15	16QAM	1	37	22.68	22.75	22.59		
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98	23	2
15	16QAM	36	20	22.03	22.13	22.06		
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05	23	2
15	64QAM	1	37	22.23	22.28	22.22		
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05	22	3
15	64QAM	36	20	21.05	21.11	21		
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79	20	5
15	256QAM	1	37	19.00	19.05	18.92		
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08	20	5
15	256QAM	36	20	19.10	19.16	19.08		
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12	25	0
10	QPSK	1	25	24.15	24.08	24.12		
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08	24	1
10	QPSK	25	12	23.18	23.11	23.14		
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66	24	1
10	16QAM	1	25	22.6	22.73	22.61		
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94	23	2
10	16QAM	25	12	22.02	22.14	21.96		
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08	23	2
10	64QAM	1	25	22.27	22.3	22.24		
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08	22	3
10	64QAM	25	12	21.11	21.11	20.98		
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80	20	5
10	256QAM	1	25	18.95	19.03	18.92		
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07	20	5
10	256QAM	25	12	19.07	19.16	19.12		
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15	25	0
5	QPSK	1	12	24.22	24.05	24.08		
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01	24	1
5	QPSK	12	7	23.16	23.15	23.12		
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75	24	1
5	16QAM	1	12	22.59	22.65	22.61		
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97	23	2
5	16QAM	12	7	22.05	22.18	22.06		
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1	23	2
5	64QAM	1	12	22.28	22.26	22.19		
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02	22	3
5	64QAM	12	7	21.09	21.09	21.09		
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83	20	5
5	256QAM	1	12	18.99	19.08	18.95		
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10	20	5
5	256QAM	12	7	19.13	19.12	19.13		
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15	25	0
3	QPSK	1	8	24.19	24.11	24.07		
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07	24	1
3	QPSK	8	4	23.14	23.1	23.09		
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66	24	1
3	16QAM	1	8	22.61	22.74	22.61		
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92	23	2
3	16QAM	8	4	22.02	22.17	22.03		
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08	23	2
3	64QAM	1	8	22.23	22.24	22.21		
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11	22	3
3	64QAM	8	4	21.12	21.13	21.06		
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76	20	5
3	256QAM	1	8	18.99	19.11	18.92		
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04	20	5
3	256QAM	8	4	19.09	19.11	19.14		
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19	25	0
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138		
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	25	0
1.4	16QAM	1	0	22.73	22.92	22.65	25	0
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74		
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	25	0
1.4	64QAM	1	0	22.06	22.13	22.1	25	0
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08		
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	25	0
1.4	256QAM	1	0	18.92	18.95	18.78	25	0
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86		
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	25	0

Band 66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.38	22.41	22.37	23	0
20	QPSK	1	49	22.4	22.27	22.37		
20	QPSK	1	99	22.32	22.16	22.32		
20	QPSK	50	0	22.38	22.39	22.17	23	0
20	QPSK	50	24	22.31	22.24	22.23		
20	QPSK	50	50	22.23	22.18	22.26		
20	QPSK	100	0	22.25	22.28	22.24		
20	16QAM	1	0	22.09	22.02	21.88	23	0
20	16QAM	1	49	21.98	21.92	21.82		
20	16QAM	1	99	21.91	21.91	21.75		
20	16QAM	50	0	21.22	21.23	21.13	22	1
20	16QAM	50	24	21.21	21.17	21.11		
20	16QAM	50	50	21.27	21.18	21.03		
20	16QAM	100	0	21.2	21.2	21.13		
20	64QAM	1	0	21.31	21.32	21.21	22	1
20	64QAM	1	49	21.46	21.41	21.36		
20	64QAM	1	99	21.43	21.35	21.28		
20	64QAM	50	0	20.28	20.25	20.15	21	2
20	64QAM	50	24	20.24	20.24	20.08		
20	64QAM	50	50	20.24	20.18	20.11		
20	64QAM	100	0	20.22	20.2	20.05		
20	256QAM	1	0	18.12	18.13	18.04	19	4
20	256QAM	1	49	18.30	18.24	18.11		
20	256QAM	1	99	18.25	18.21	18.12		
20	256QAM	50	0	18.23	18.23	18.16	19	4
20	256QAM	50	24	18.16	18.16	18.05		
20	256QAM	50	50	18.28	18.18	18.03		
20	256QAM	100	0	18.23	18.24	18.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.25	22.31	23	0
15	QPSK	1	37	22.25	22.21	22.25		
15	QPSK	1	74	22.19	22.01	22.26		
15	QPSK	36	0	22.24	22.27	22.05	23	0
15	QPSK	36	20	22.17	22.17	22.13		
15	QPSK	36	39	22.13	22.05	22.13		
15	QPSK	75	0	22.09	22.13	22.15		
15	16QAM	1	0	22.02	21.96	21.72	23	0
15	16QAM	1	37	21.89	21.87	21.76		
15	16QAM	1	74	21.85	21.84	21.68		
15	16QAM	36	0	21.13	21.12	21.03	22	1
15	16QAM	36	20	21.06	21.02	21.06		
15	16QAM	36	39	21.11	21.1	20.93		
15	16QAM	75	0	21.11	21.09	21.03		
15	64QAM	1	0	21.2	21.25	21.1	22	1
15	64QAM	1	37	21.33	21.29	21.3		
15	64QAM	1	74	21.32	21.24	21.23		
15	64QAM	36	0	20.22	20.14	20.07	21	2
15	64QAM	36	20	20.16	20.16	19.93		
15	64QAM	36	39	20.13	20.04	19.96		
15	64QAM	75	0	20.15	20.15	19.91		
15	256QAM	1	0	18.04	17.97	17.94	19	4
15	256QAM	1	37	18.15	18.16	17.96		
15	256QAM	1	74	18.17	18.06	18.02		
15	256QAM	36	0	18.08	18.16	18.09	19	4
15	256QAM	36	20	18.01	18.01	17.92		
15	256QAM	36	39	18.19	18.06	17.87		
15	256QAM	75	0	18.18	18.13	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.33	22.27	22.24	23	0
10	QPSK	1	25	22.31	22.13	22.31		
10	QPSK	1	49	22.21	22.1	22.21		
10	QPSK	25	0	22.27	22.23	22.1	23	0
10	QPSK	25	12	22.22	22.19	22.15		
10	QPSK	25	25	22.17	22.09	22.2		
10	QPSK	50	0	22.1	22.13	22.13		
10	16QAM	1	0	22.02	21.91	21.76	23	0
10	16QAM	1	25	21.83	21.79	21.72		
10	16QAM	1	49	21.8	21.82	21.67		
10	16QAM	25	0	21.08	21.11	20.98	22	1
10	16QAM	25	12	21.15	21.12	21.06		
10	16QAM	25	25	21.16	21.02	20.93		
10	16QAM	50	0	21.15	21.13	21.04		
10	64QAM	1	0	21.18	21.26	21.16	22	1
10	64QAM	1	25	21.38	21.3	21.29		
10	64QAM	1	49	21.32	21.3	21.19		
10	64QAM	25	0	20.12	20.15	20.09	21	2
10	64QAM	25	12	20.12	20.09	19.97		
10	64QAM	25	25	20.18	20.09	20.05		
10	64QAM	50	0	20.1	20.08	19.91		
10	256QAM	1	0	18.04	17.97	17.99	19	4
10	256QAM	1	25	18.14	18.14	17.98		
10	256QAM	1	49	18.14	18.13	18.00		
10	256QAM	25	0	18.16	18.17	18.03	19	4
10	256QAM	25	12	18.10	18.04	17.95		
10	256QAM	25	25	18.22	18.09	17.95		
10	256QAM	50	0	18.14	18.12	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.27	22.25	23	0
5	QPSK	1	12	22.27	22.13	22.26		
5	QPSK	1	24	22.25	22.06	22.22		
5	QPSK	12	0	22.24	22.33	22.11	23	0
5	QPSK	12	7	22.2	22.1	22.07		
5	QPSK	12	13	22.12	22.07	22.13		
5	QPSK	25	0	22.17	22.14	22.16		
5	16QAM	1	0	21.93	21.91	21.76	23	0
5	16QAM	1	12	21.92	21.86	21.69		
5	16QAM	1	24	21.82	21.86	21.64		
5	16QAM	12	0	21.14	21.13	21.04	22	1
5	16QAM	12	7	21.07	21.02	21.05		
5	16QAM	12	13	21.16	21.13	20.87		
5	16QAM	25	0	21.07	21.13	21.03		
5	64QAM	1	0	21.16	21.21	21.12	22	1
5	64QAM	1	12	21.31	21.35	21.3		
5	64QAM	1	24	21.35	21.19	21.15		
5	64QAM	12	0	20.19	20.14	20.09	21	2
5	64QAM	12	7	20.17	20.15	19.94		
5	64QAM	12	13	20.13	20.06	20.04		
5	64QAM	25	0	20.17	20.1	19.9		
5	256QAM	1	0	18.00	18.08	17.94	19	4
5	256QAM	1	12	18.22	18.16	17.97		
5	256QAM	1	24	18.12	18.11	18.01		
5	256QAM	12	0	18.11	18.16	18.01	19	4
5	256QAM	12	7	18.00	18.11	17.96		
5	256QAM	12	13	18.16	18.06	17.88		
5	256QAM	25	0	18.16	18.12	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.25	22.26	23	0
3	QPSK	1	8	22.33	22.2	22.21		
3	QPSK	1	14	22.16	22.04	22.25		
3	QPSK	8	0	22.27	22.31	22.03	23	0
3	QPSK	8	4	22.15	22.12	22.16		
3	QPSK	8	7	22.13	22.13	22.18		
3	QPSK	15	0	22.14	22.21	22.19		
3	16QAM	1	0	21.98	21.88	21.73	23	0
3	16QAM	1	8	21.83	21.8	21.77		
3	16QAM	1	14	21.84	21.81	21.69		
3	16QAM	8	0	21.12	21.15	21.03	22	1
3	16QAM	8	4	21.12	21.03	21.03		
3	16QAM	8	7	21.15	21.13	20.87		
3	16QAM	15	0	21.04	21.15	21.07		
3	64QAM	1	0	21.18	21.23	21.1	22	1
3	64QAM	1	8	21.32	21.28	21.26		
3	64QAM	1	14	21.3	21.25	21.21		
3	64QAM	8	0	20.13	20.11	20.09	21	2
3	64QAM	8	4	20.11	20.17	20.03		
3	64QAM	8	7	20.13	20.02	20.05		
3	64QAM	15	0	20.13	20.15	19.92		
3	256QAM	1	0	18.05	17.98	17.99	19	4
3	256QAM	1	8	18.24	18.19	17.95		
3	256QAM	1	14	18.17	18.06	18.06		
3	256QAM	8	0	18.08	18.18	18.08	19	4
3	256QAM	8	4	18.08	18.11	17.90		
3	256QAM	8	7	18.23	18.02	17.97		
3	256QAM	15	0	18.13	18.11	17.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.29	22.26	22.26	23	0
1.4	QPSK	1	3	22.26	22.13	22.24		
1.4	QPSK	1	5	22.21	22	22.19		
1.4	QPSK	3	0	22.22	22.24	22.04		
1.4	QPSK	3	1	22.25	22.13	22.18		
1.4	QPSK	3	3	22.12	22.06	22.15		
1.4	QPSK	6	0	22.15	22.23	22.17	23	0
1.4	16QAM	1	0	21.96	21.91	21.73	23	0
1.4	16QAM	1	3	21.9	21.85	21.71		
1.4	16QAM	1	5	21.86	21.82	21.67		
1.4	16QAM	3	0	21.96	21.94	21.84		
1.4	16QAM	3	1	21.92	21.86	21.76		
1.4	16QAM	3	3	21.93	21.86	21.69		
1.4	16QAM	6	0	21.11	21.06	21.01	23	0
1.4	64QAM	1	0	21.24	21.21	21.11	23	0
1.4	64QAM	1	3	21.3	21.34	21.25		
1.4	64QAM	1	5	21.31	21.25	21.2		
1.4	64QAM	3	0	21.02	20.98	20.84		
1.4	64QAM	3	1	20.94	20.99	20.75		
1.4	64QAM	3	3	20.93	20.9	20.78		
1.4	64QAM	6	0	20.14	20.1	19.99	23	0
1.4	256QAM	1	0	18.00	17.97	17.96	23	0
1.4	256QAM	1	3	18.17	18.10	17.96		
1.4	256QAM	1	5	18.13	18.07	17.98		
1.4	256QAM	3	0	18.12	18.17	18.09		
1.4	256QAM	3	1	18.08	18.08	17.97		
1.4	256QAM	3	3	18.13	18.12	17.95		
1.4	256QAM	6	0	18.15	18.08	18.03	23	0

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92	25	0
20	QPSK	1	49	23.85	23.88	23.86		
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94	24	1
20	QPSK	50	24	22.92	22.91	22.89		
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24	24	1
20	16QAM	1	49	23.17	23.25	23.18		
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91	23	2
20	16QAM	50	24	21.92	21.91	21.9		
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39	23	2
20	64QAM	1	49	22.24	22.3	22.29		
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24	22	3
20	64QAM	50	24	21.28	21.21	21.22		
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85	20	5
20	256QAM	1	49	18.92	18.99	18.90		
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83	20	5
20	256QAM	50	24	18.85	18.83	18.79		
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93	25	0
15	QPSK	1	37	23.78	23.87	23.81		
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83	24	1
15	QPSK	36	20	22.88	22.88	22.84		
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19	24	1
15	16QAM	1	37	23.08	23.21	23.17		
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9	23	2
15	16QAM	36	20	21.93	21.83	21.8		
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36	23	2
15	64QAM	1	37	22.17	22.24	22.22		
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21	22	3
15	64QAM	36	20	21.2	21.15	21.17		
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82	20	5
15	256QAM	1	37	18.85	18.95	18.98		
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82	20	5
15	256QAM	36	20	18.82	18.77	18.76		
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89	25	0
10	QPSK	1	25	23.84	23.84	23.81		
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91	24	1
10	QPSK	25	12	22.88	22.85	22.82		
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16	24	1
10	16QAM	1	25	23.13	23.2	23.17		
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89	23	2
10	16QAM	25	12	21.85	21.87	21.88		
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3	23	2
10	64QAM	1	25	22.18	22.22	22.25		
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18	22	3
10	64QAM	25	12	21.2	21.16	21.19		
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82	20	5
10	256QAM	1	25	18.90	19.02	18.96		
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78	20	5
10	256QAM	25	12	18.80	18.76	18.78		
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9	25	0
5	QPSK	1	12	23.79	23.87	23.84		
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15	24	1
5	16QAM	1	12	23.16	23.16	23.09		
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89	23	2
5	16QAM	12	7	21.84	21.86	21.82		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35	23	2
5	64QAM	1	12	22.19	22.26	22.25		
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23	22	3
5	64QAM	12	7	21.19	21.14	21.17		
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79	20	5
5	256QAM	1	12	18.92	18.99	18.93		
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84	20	5
5	256QAM	12	7	18.81	18.76	18.73		
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	17.55	17.69	17.63	18.5	0
20	QPSK	1	49	17.49	17.62	17.57		
20	QPSK	50	0	17.54	17.6	17.46	18.5	0
20	QPSK	50	24	17.5	17.49	17.33		
20	QPSK	50	50	17.43	17.5	17.33		
20	QPSK	100	0	17.49	17.53	17.33		
20	16QAM	1	0	17.53	17.52	17.34	18.5	0
20	16QAM	1	49	17.46	17.55	17.34		
20	16QAM	1	99	17.5	17.58	17.34		
20	16QAM	50	0	17.43	17.49	17.35	18.5	0
20	16QAM	50	24	17.46	17.48	17.35		
20	16QAM	50	50	17.46	17.55	17.4		
20	16QAM	100	0	17.48	17.55	17.36		
20	64QAM	1	0	17.44	17.49	17.35	18.5	0
20	64QAM	1	49	17.42	17.52	17.44		
20	64QAM	1	99	17.5	17.55	17.33		
20	64QAM	50	0	17.44	17.58	17.38	18.5	0
20	64QAM	50	24	17.48	17.46	17.38		
20	64QAM	50	50	17.53	17.46	17.38		
20	64QAM	100	0	17.48	17.5	17.36		
20	256QAM	1	0	17.38	17.46	17.37	18.5	0
20	256QAM	1	49	17.42	17.42	17.28		
20	256QAM	1	99	17.32	17.41	17.31		
20	256QAM	50	0	17.35	17.46	17.36	18.5	0
20	256QAM	50	24	17.43	17.46	17.36		
20	256QAM	50	50	17.43	17.47	17.28		
20	256QAM	100	0	17.37	17.46	17.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	17.56	17.59	17.61	18.5	0
15	QPSK	1	37	17.49	17.51	17.59		
15	QPSK	1	74	17.56	17.54	17.55		
15	QPSK	36	0	17.51	17.46	17.54	18.5	0
15	QPSK	36	20	17.4	17.36	17.4		
15	QPSK	36	39	17.42	17.47	17.43		
15	QPSK	75	0	17.5	17.51	17.4		
15	16QAM	1	0	17.5	17.5	17.43	18.5	0
15	16QAM	1	37	17.44	17.43	17.48		
15	16QAM	1	74	17.53	17.56	17.55		
15	16QAM	36	0	17.39	17.36	17.43	18.5	0
15	16QAM	36	20	17.53	17.52	17.49		
15	16QAM	36	39	17.51	17.55	17.5		
15	16QAM	75	0	17.39	17.37	17.48		
15	64QAM	1	0	17.39	17.37	17.48	18.5	0
15	64QAM	1	37	17.49	17.43	17.44		
15	64QAM	1	74	17.53	17.51	17.46		
15	64QAM	36	0	17.54	17.56	17.48	18.5	0
15	64QAM	36	20	17.39	17.41	17.43		
15	64QAM	36	39	17.44	17.44	17.45		
15	64QAM	75	0	17.49	17.45	17.46		
15	256QAM	1	0	17.29	17.42	17.25	18.5	0
15	256QAM	1	37	17.27	17.32	17.21		
15	256QAM	1	74	17.27	17.41	17.19		
15	256QAM	36	0	17.27	17.42	17.29	18.5	0
15	256QAM	36	20	17.32	17.36	17.27		
15	256QAM	36	39	17.45	17.28	17.27		
15	256QAM	75	0	17.36	17.45	17.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	17.54	17.58	17.59	18.5	0
10	QPSK	1	25	17.59	17.54	17.52		
10	QPSK	1	49	17.47	17.46	17.44		
10	QPSK	25	0	17.5	17.54	17.56	18.5	0
10	QPSK	25	12	17.45	17.45	17.38		
10	QPSK	25	25	17.44	17.44	17.38		
10	QPSK	50	0	17.49	17.4	17.46		
10	16QAM	1	0	17.43	17.48	17.49	18.5	0
10	16QAM	1	25	17.5	17.52	17.51		
10	16QAM	1	49	17.47	17.54	17.5		
10	16QAM	25	0	17.46	17.36	17.39	18.5	0
10	16QAM	25	12	17.44	17.51	17.43		
10	16QAM	25	25	17.51	17.55	17.36		
10	16QAM	50	0	17.54	17.42	17.45		
10	64QAM	1	0	17.47	17.36	17.41	18.5	0
10	64QAM	1	25	17.37	17.44	17.38		
10	64QAM	1	49	17.42	17.46	17.4		
10	64QAM	25	0	17.5	17.52	17.49	18.5	0
10	64QAM	25	12	17.39	17.42	17.43		
10	64QAM	25	25	17.41	17.41	17.36		
10	64QAM	50	0	17.41	17.49	17.42		
10	256QAM	1	0	17.38	17.44	17.26	18.5	0
10	256QAM	1	25	17.35	17.52	17.19		
10	256QAM	1	49	17.32	17.45	17.30		
10	256QAM	25	0	17.23	17.36	17.35	18.5	0
10	256QAM	25	12	17.33	17.36	17.23		
10	256QAM	25	25	17.39	17.45	17.23		
10	256QAM	50	0	17.36	17.39	17.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	17.63	17.63	17.53	18.5	0
5	QPSK	1	12	17.59	17.61	17.5		
5	QPSK	1	24	17.45	17.54	17.4		
5	QPSK	12	0	17.54	17.48	17.55	18.5	0
5	QPSK	12	7	17.45	17.41	17.48		
5	QPSK	12	13	17.38	17.45	17.37		
5	QPSK	25	0	17.48	17.46	17.49		
5	16QAM	1	0	17.5	17.46	17.46	18.5	0
5	16QAM	1	12	17.54	17.49	17.42		
5	16QAM	1	24	17.54	17.51	17.49		
5	16QAM	12	0	17.47	17.47	17.45	18.5	0
5	16QAM	12	7	17.48	17.52	17.49		
5	16QAM	12	13	17.55	17.53	17.48		
5	16QAM	25	0	17.5	17.52	17.54		
5	64QAM	1	0	17.4	17.34	17.38	18.5	0
5	64QAM	1	12	17.42	17.46	17.37		
5	64QAM	1	24	17.52	17.42	17.46		
5	64QAM	12	0	17.56	17.54	17.54	18.5	0
5	64QAM	12	7	17.43	17.47	17.38		
5	64QAM	12	13	17.47	17.42	17.46		
5	64QAM	25	0	17.43	17.45	17.44		
5	256QAM	1	0	17.29	17.31	17.32	18.5	0
5	256QAM	1	12	17.39	17.25	17.27		
5	256QAM	1	24	17.22	17.42	17.27		
5	256QAM	12	0	17.34	17.34	17.31	18.5	0
5	256QAM	12	7	17.34	17.34	17.27		
5	256QAM	12	13	17.35	17.46	17.19		
5	256QAM	25	0	17.29	17.41	17.32		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	19.09	19.39	19.17	20.5	0
20	QPSK	1	49	19.24	19.34	19.05		
20	QPSK	1	99	19.15	19.11	19.12		
20	QPSK	50	0	19.26	19.37	19.31	20.5	0
20	QPSK	50	24	19.23	19.26	19.29		
20	QPSK	50	50	19.25	19.17	19.28		
20	QPSK	100	0	19.23	19.25	19.19		
20	16QAM	1	0	19.25	19.37	19.29	20.5	0
20	16QAM	1	49	19.27	19.18	19.28		
20	16QAM	1	99	19.25	19.21	19.2		
20	16QAM	50	0	19.23	19.25	19.2	20.5	0
20	16QAM	50	24	19.2	19.24	19.25		
20	16QAM	50	50	19.23	19.08	19.24		
20	16QAM	100	0	19.14	19.13	19.18		
20	64QAM	1	0	19.26	19.33	19.25	20.5	0
20	64QAM	1	49	19.16	19.34	19.17		
20	64QAM	1	99	19.18	19.16	19.23		
20	64QAM	50	0	19.23	19.25	19.27	20.5	0
20	64QAM	50	24	19.18	19.17	19.21		
20	64QAM	50	50	19.18	19.15	19.24		
20	64QAM	100	0	19.22	19.18	19.08		
20	256QAM	1	0	18.42	18.53	18.49	19.5	1
20	256QAM	1	49	18.47	18.36	18.40		
20	256QAM	1	99	18.37	18.35	18.44		
20	256QAM	50	0	18.35	18.49	18.44	19.5	1
20	256QAM	50	24	18.35	18.35	18.40		
20	256QAM	50	50	18.44	18.30	18.39		
20	256QAM	100	0	18.35	18.33	18.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	19.3	19.29	19.25	20.5	0
15	QPSK	1	37	19.2	19.17	19.18		
15	QPSK	1	74	19.2	19.23	19.27		
15	QPSK	36	0	19.15	19.34	19.27	20.5	0
15	QPSK	36	20	19.16	19.16	19.21		
15	QPSK	36	39	19.24	19.13	19.24		
15	QPSK	75	0	19.15	19.24	19.1		
15	16QAM	1	0	19.21	19.27	19.18	20.5	0
15	16QAM	1	37	19.18	19.09	19.25		
15	16QAM	1	74	19.23	19.13	19.11		
15	16QAM	36	0	19.11	19.18	19.19	20.5	0
15	16QAM	36	20	19.17	19.17	19.2		
15	16QAM	36	39	19.21	19.07	19.16		
15	16QAM	75	0	19.09	19.02	19.08		
15	64QAM	1	0	19.16	19.3	19.15	20.5	0
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	19.11	19.1	19.21		
15	64QAM	36	0	19.12	19.23	19.25	20.5	0
15	64QAM	36	20	19.13	19.15	19.1		
15	64QAM	36	39	19.11	19.12	19.19		
15	64QAM	75	0	19.16	19.07	19.08		
15	256QAM	1	0	18.4	18.51	18.42	19.5	1
15	256QAM	1	37	18.45	18.29	18.35		
15	256QAM	1	74	18.31	18.28	18.36		
15	256QAM	36	0	18.34	18.48	18.32	19.5	1
15	256QAM	36	20	18.23	18.34	18.39		
15	256QAM	36	39	18.41	18.29	18.38		
15	256QAM	75	0	18.24	18.29	18.35		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	19.21	19.29	19.2	20.5	0
10	QPSK	1	25	19.22	19.18	19.2		
10	QPSK	1	49	19.24	19.23	19.26		
10	QPSK	25	0	19.16	19.33	19.22	20.5	0
10	QPSK	25	12	19.16	19.2	19.18		
10	QPSK	25	25	19.15	19.14	19.19		
10	QPSK	50	0	19.21	19.15	19.15		
10	16QAM	1	0	19.2	19.36	19.25	20.5	0
10	16QAM	1	25	19.16	19.14	19.22		
10	16QAM	1	49	19.23	19.17	19.1		
10	16QAM	25	0	19.13	19.23	19.18	20.5	0
10	16QAM	25	12	19.14	19.16	19.14		
10	16QAM	25	25	19.19	19.07	19.18		
10	16QAM	50	0	19.11	19.02	19.13		
10	64QAM	1	0	19.16	19.28	19.16	20.5	0
10	64QAM	1	25	19.1	19.13	19.13		
10	64QAM	1	49	19.08	19.08	19.15		
10	64QAM	25	0	19.11	19.2	19.19	20.5	0
10	64QAM	25	12	19.17	19.16	19.12		
10	64QAM	25	25	19.18	19.1	19.19		
10	64QAM	50	0	19.17	19.09	19.07		
10	256QAM	1	0	18.32	18.45	18.41	19.5	1
10	256QAM	1	25	18.35	18.34	18.29		
10	256QAM	1	49	18.36	18.27	18.39		
10	256QAM	25	0	18.24	18.47	18.41	19.5	1
10	256QAM	25	12	18.27	18.23	18.37		
10	256QAM	25	25	18.33	18.28	18.31		
10	256QAM	50	0	18.23	18.21	18.26		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	19.23	19.32	19.24	20.5	0
5	QPSK	1	12	19.21	19.16	19.24		
5	QPSK	1	24	19.22	19.2	19.25		
5	QPSK	12	0	19.15	19.26	19.29	20.5	0
5	QPSK	12	7	19.19	19.25	19.21		
5	QPSK	12	13	19.24	19.14	19.27		
5	QPSK	25	0	19.16	19.18	19.11		
5	16QAM	1	0	19.23	19.27	19.24	20.5	0
5	16QAM	1	12	19.16	19.11	19.24		
5	16QAM	1	24	19.24	19.1	19.17		
5	16QAM	12	0	19.16	19.18	19.12	20.5	0
5	16QAM	12	7	19.12	19.21	19.18		
5	16QAM	12	13	19.17	19.03	19.21		
5	16QAM	25	0	19.07	19.04	19.09		
5	64QAM	1	0	19.14	19.28	19.23	20.5	0
5	64QAM	1	12	19.07	19.14	19.15		
5	64QAM	1	24	19.11	19.15	19.13		
5	64QAM	12	0	19.14	19.2	19.21	20.5	0
5	64QAM	12	7	19.13	19.09	19.17		
5	64QAM	12	13	19.16	19.09	19.21		
5	64QAM	25	0	19.14	19.1	19.05		
5	256QAM	1	0	18.41	18.48	18.40	19.5	1
5	256QAM	1	12	18.36	18.26	18.34		
5	256QAM	1	24	18.33	18.33	18.43		
5	256QAM	12	0	18.28	18.48	18.39	19.5	1
5	256QAM	12	7	18.26	18.32	18.39		
5	256QAM	12	13	18.39	18.26	18.39		
5	256QAM	25	0	18.29	18.29	18.25		

Band 38_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	18.23	18.3	18.14	19.5	0
20	QPSK	1	49	18.17	18.25	18.14		
20	QPSK	1	99	18.17	18.12	18.15		
20	QPSK	50	0	18.02	18.22	18.07	19.5	0
20	QPSK	50	24	18.15	18.19	18.02		
20	QPSK	50	50	18.11	18.11	18.15		
20	QPSK	100	0	18.08	18.14	18.03		
20	16QAM	1	0	18.13	18.13	18.05	19.5	0
20	16QAM	1	49	18.21	18.21	18.03		
20	16QAM	1	99	18.04	18.07	18.08		
20	16QAM	50	0	18.01	18.14	18.04	19.5	0
20	16QAM	50	24	18.1	18.14	17.98		
20	16QAM	50	50	18.01	18.06	18.11		
20	16QAM	100	0	18.06	18.1	18.06		
20	64QAM	1	0	18.07	18.16	17.96	19.5	0
20	64QAM	1	49	18.13	18.12	18.08		
20	64QAM	1	99	18.13	18.19	18.04		
20	64QAM	50	0	18.03	18.11	18.01	19.5	0
20	64QAM	50	24	18.13	18.18	17.91		
20	64QAM	50	50	17.96	18.11	18.07		
20	64QAM	100	0	18.02	18.14	18		
20	256QAM	1	0	18.13	18.18	18.01	19.5	0
20	256QAM	1	49	18.21	18.12	18.06		
20	256QAM	1	99	18.12	18.14	18.04		
20	256QAM	50	0	17.95	18.11	18.09	19.5	0
20	256QAM	50	24	18.07	18.14	17.93		
20	256QAM	50	50	18.03	18.13	18.04		
20	256QAM	100	0	18.01	18.07	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	18.18	18.22	18.1	19.5	0
15	QPSK	1	37	18.11	18.15	18.07		
15	QPSK	1	74	18.14	18.11	18.13		
15	QPSK	36	0	17.98	18.21	18.02	19.5	0
15	QPSK	36	20	18.03	18.09	17.99		
15	QPSK	36	39	18.04	18.06	18.13		
15	QPSK	75	0	18.03	18.11	18.02		
15	16QAM	1	0	18.01	18.08	17.98	19.5	0
15	16QAM	1	37	18.11	18.17	17.99		
15	16QAM	1	74	17.94	18	17.99		
15	16QAM	36	0	17.9	18.1	17.97	19.5	0
15	16QAM	36	20	18.05	18.08	17.94		
15	16QAM	36	39	17.98	18	18.01		
15	16QAM	75	0	17.94	18.03	17.94		
15	64QAM	1	0	18.04	18.08	17.94	19.5	0
15	64QAM	1	37	18.03	18.11	18.05		
15	64QAM	1	74	18.03	18.17	17.96		
15	64QAM	36	0	17.98	18.08	17.96	19.5	0
15	64QAM	36	20	18.14	18.12	17.85		
15	64QAM	36	39	17.93	18.07	18.01		
15	64QAM	75	0	17.93	18.08	17.98		
15	256QAM	1	0	18	18.15	17.91	19.5	0
15	256QAM	1	37	18.09	18	17.95		
15	256QAM	1	74	18.06	18.02	17.93		
15	256QAM	36	0	17.91	18.04	18.03	19.5	0
15	256QAM	36	20	18.02	18.05	17.81		
15	256QAM	36	39	17.96	18.04	18.03		
15	256QAM	75	0	17.91	18.03	17.94		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	18.11	18.22	18.08	19.5	0
10	QPSK	1	25	18.05	18.22	18.11		
10	QPSK	1	49	18.11	18.05	18.09		
10	QPSK	25	0	17.98	18.2	17.95	19.5	0
10	QPSK	25	12	18.11	18.13	17.95		
10	QPSK	25	25	18.08	18.1	18.07		
10	QPSK	50	0	17.96	18.1	17.91		
10	16QAM	1	0	18.1	18.06	17.93	19.5	0
10	16QAM	1	25	18.16	18.09	17.93		
10	16QAM	1	49	17.98	17.97	18.03		
10	16QAM	25	0	17.98	18.12	17.97	19.5	0
10	16QAM	25	12	18.03	18.05	17.9		
10	16QAM	25	25	17.9	18	18.04		
10	16QAM	50	0	18.05	17.98	18.02		
10	64QAM	1	0	18.03	18.08	17.98	19.5	0
10	64QAM	1	25	18.03	18.04	18.01		
10	64QAM	1	49	18.12	18.08	18		
10	64QAM	25	0	17.94	18.07	17.91	19.5	0
10	64QAM	25	12	18.07	18.1	17.92		
10	64QAM	25	25	17.98	18.05	17.98		
10	64QAM	50	0	17.99	18.07	17.95		
10	256QAM	1	0	18.03	18.16	17.95	19.5	0
10	256QAM	1	25	18.13	18.11	17.94		
10	256QAM	1	49	18.04	18.05	17.98		
10	256QAM	25	0	17.91	18.07	18.03	19.5	0
10	256QAM	25	12	17.98	18.04	17.92		
10	256QAM	25	25	17.98	18.08	17.94		
10	256QAM	50	0	17.95	17.96	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	18.13	18.25	18.1	19.5	0
5	QPSK	1	12	18.08	18.22	18.09		
5	QPSK	1	24	18.08	18.05	18.11		
5	QPSK	12	0	17.98	18.11	18.08	19.5	0
5	QPSK	12	7	18.08	18.12	18.01		
5	QPSK	12	13	17.99	18.1	18.07		
5	QPSK	25	0	17.96	18.08	17.99		
5	16QAM	1	0	18.08	18.04	18.03	19.5	0
5	16QAM	1	12	18.12	18.16	17.97		
5	16QAM	1	24	18.01	18.03	18.03		
5	16QAM	12	0	17.98	18.05	17.93	19.5	0
5	16QAM	12	7	18.03	18.07	17.88		
5	16QAM	12	13	18	17.97	18.02		
5	16QAM	25	0	18.05	18.04	17.96		
5	64QAM	1	0	17.98	18.12	17.93	19.5	0
5	64QAM	1	12	18.08	18.02	18.04		
5	64QAM	1	24	18.08	18.12	17.98		
5	64QAM	12	0	17.94	18.03	17.99	19.5	0
5	64QAM	12	7	18.08	18.07	17.87		
5	64QAM	12	13	17.88	18.09	17.95		
5	64QAM	25	0	17.94	18.11	17.91		
5	256QAM	1	0	18.01	18.07	17.94	19.5	0
5	256QAM	1	12	18.11	18.03	17.94		
5	256QAM	1	24	18.11	18.12	17.94		
5	256QAM	12	0	17.92	18.05	18.03	19.5	0
5	256QAM	12	7	17.99	18.09	17.91		
5	256QAM	12	13	17.94	18.11	17.97		
5	256QAM	25	0	17.93	18.03	17.87		

Band 41_ANT 2

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	17.69	17.77	17.61	17.61	17.65	18.5	0
20	QPSK	1	49	17.66	17.63	17.56	17.54	17.64		
20	QPSK	1	99	17.64	17.68	17.55	17.51	17.63		
20	QPSK	50	0	17.6	17.7	17.49	17.59	17.63	18.5	0
20	QPSK	50	24	17.57	17.69	17.58	17.52	17.55		
20	QPSK	50	50	17.59	17.67	17.53	17.5	17.63		
20	QPSK	100	0	17.68	17.69	17.51	17.48	17.63		
20	16QAM	1	0	17.68	17.67	17.59	17.5	17.55	18.5	0
20	16QAM	1	49	17.66	17.64	17.55	17.49	17.59		
20	16QAM	1	99	17.61	17.64	17.59	17.5	17.61		
20	16QAM	50	0	17.63	17.61	17.54	17.54	17.62	18.5	0
20	16QAM	50	24	17.63	17.65	17.58	17.58	17.6		
20	16QAM	50	50	17.68	17.67	17.56	17.5	17.54		
20	16QAM	100	0	17.61	17.63	17.5	17.56	17.54		
20	64QAM	1	0	17.57	17.68	17.58	17.53	17.64	18.5	0
20	64QAM	1	49	17.6	17.59	17.48	17.58	17.56		
20	64QAM	1	99	17.67	17.68	17.53	17.51	17.53		
20	64QAM	50	0	17.66	17.68	17.53	17.57	17.63	18.5	0
20	64QAM	50	24	17.65	17.59	17.49	17.5	17.59		
20	64QAM	50	50	17.57	17.65	17.6	17.5	17.63		
20	64QAM	100	0	17.58	17.64	17.51	17.55	17.6		
20	256QAM	1	0	17.56	17.58	17.48	17.52	17.54	18.5	0
20	256QAM	1	49	17.49	17.52	17.36	17.46	17.54		
20	256QAM	1	99	17.56	17.61	17.45	17.39	17.49		
20	256QAM	50	0	17.65	17.62	17.47	17.51	17.58	18.5	0
20	256QAM	50	24	17.61	17.54	17.43	17.41	17.47		
20	256QAM	50	50	17.49	17.58	17.48	17.43	17.58		
20	256QAM	100	0	17.52	17.52	17.50	17.51	17.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.65	17.68	17.56	17.54	17.58	18.50	0
15	QPSK	1	37	17.61	17.55	17.45	17.51	17.53		
15	QPSK	1	74	17.54	17.66	17.5	17.44	17.57		
15	QPSK	36	0	17.57	17.69	17.41	17.49	17.55	18.5	0
15	QPSK	36	20	17.53	17.64	17.53	17.47	17.45		
15	QPSK	36	39	17.58	17.63	17.45	17.42	17.57		
15	QPSK	75	0	17.67	17.67	17.44	17.44	17.55		
15	16QAM	1	0	17.64	17.66	17.49	17.44	17.45	18.5	0
15	16QAM	1	37	17.64	17.53	17.49	17.43	17.49		
15	16QAM	1	74	17.49	17.63	17.55	17.49	17.52		
15	16QAM	36	0	17.58	17.49	17.52	17.42	17.52	18.5	0
15	16QAM	36	20	17.61	17.56	17.55	17.46	17.48		
15	16QAM	36	39	17.61	17.59	17.55	17.42	17.46		
15	16QAM	75	0	17.6	17.55	17.38	17.44	17.42		
15	64QAM	1	0	17.54	17.63	17.52	17.5	17.57	18.5	0
15	64QAM	1	37	17.54	17.48	17.41	17.55	17.52		
15	64QAM	1	74	17.59	17.64	17.51	17.49	17.46		
15	64QAM	36	0	17.58	17.63	17.42	17.5	17.52	18.5	0
15	64QAM	36	20	17.54	17.57	17.44	17.46	17.57		
15	64QAM	36	39	17.55	17.59	17.48	17.49	17.54		
15	64QAM	75	0	17.52	17.61	17.46	17.44	17.49		
15	256QAM	1	0	17.50	17.50	17.40	17.51	17.42	18.5	0
15	256QAM	1	37	17.41	17.41	17.31	17.41	17.47		
15	256QAM	1	74	17.52	17.53	17.35	17.29	17.45		
15	256QAM	36	0	17.56	17.54	17.46	17.49	17.56	18.5	0
15	256QAM	36	20	17.53	17.47	17.37	17.32	17.37		
15	256QAM	36	39	17.45	17.54	17.42	17.38	17.57		
15	256QAM	75	0	17.44	17.45	17.38	17.44	17.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.65	17.63	17.59	17.56	17.64	18.50	0
10	QPSK	1	25	17.63	17.56	17.51	17.43	17.59		
10	QPSK	1	49	17.58	17.66	17.48	17.48	17.56		
10	QPSK	25	0	17.5	17.66	17.47	17.58	17.6	18.5	0
10	QPSK	25	12	17.52	17.61	17.55	17.46	17.53		
10	QPSK	25	25	17.57	17.59	17.48	17.42	17.62		
10	QPSK	50	0	17.62	17.61	17.4	17.39	17.61		
10	16QAM	1	0	17.56	17.55	17.56	17.46	17.49	18.5	0
10	16QAM	1	25	17.56	17.56	17.45	17.4	17.5		
10	16QAM	1	49	17.49	17.59	17.52	17.42	17.54		
10	16QAM	25	0	17.54	17.51	17.49	17.43	17.59	18.5	0
10	16QAM	25	12	17.59	17.61	17.51	17.5	17.58		
10	16QAM	25	25	17.6	17.57	17.5	17.4	17.44		
10	16QAM	50	0	17.57	17.52	17.46	17.48	17.48		
10	64QAM	1	0	17.53	17.65	17.5	17.47	17.53	18.5	0
10	64QAM	1	25	17.54	17.49	17.37	17.49	17.53		
10	64QAM	1	49	17.56	17.62	17.44	17.43	17.49		
10	64QAM	25	0	17.57	17.61	17.44	17.53	17.62	18.5	0
10	64QAM	25	12	17.53	17.54	17.48	17.39	17.58		
10	64QAM	25	25	17.46	17.6	17.58	17.42	17.53		
10	64QAM	50	0	17.52	17.56	17.49	17.52	17.48		
10	256QAM	1	0	17.46	17.47	17.45	17.44	17.52	18.5	0
10	256QAM	1	25	17.44	17.44	17.29	17.42	17.50		
10	256QAM	1	49	17.49	17.52	17.34	17.33	17.42		
10	256QAM	25	0	17.56	17.61	17.45	17.48	17.56	18.5	0
10	256QAM	25	12	17.60	17.45	17.40	17.33	17.36		
10	256QAM	25	25	17.42	17.55	17.44	17.42	17.55		
10	256QAM	50	0	17.50	17.50	17.42	17.40	17.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.68	17.67	17.5	17.56	17.54	18.50	0
5	QPSK	1	12	17.55	17.53	17.51	17.44	17.6		
5	QPSK	1	24	17.62	17.56	17.52	17.46	17.54		
5	QPSK	12	0	17.48	17.68	17.37	17.5	17.54	18.5	0
5	QPSK	12	7	17.48	17.62	17.49	17.49	17.54		
5	QPSK	12	13	17.57	17.63	17.52	17.48	17.51		
5	QPSK	25	0	17.6	17.68	17.48	17.42	17.52		
5	16QAM	1	0	17.66	17.63	17.5	17.48	17.49	18.5	0
5	16QAM	1	12	17.63	17.62	17.48	17.48	17.58		
5	16QAM	1	24	17.59	17.56	17.56	17.42	17.58		
5	16QAM	12	0	17.54	17.55	17.51	17.49	17.51	18.5	0
5	16QAM	12	7	17.51	17.6	17.57	17.52	17.49		
5	16QAM	12	13	17.66	17.6	17.49	17.49	17.44		
5	16QAM	25	0	17.49	17.6	17.47	17.49	17.51		
5	64QAM	1	0	17.48	17.65	17.47	17.42	17.58	18.5	0
5	64QAM	1	12	17.57	17.47	17.37	17.46	17.5		
5	64QAM	1	24	17.62	17.59	17.42	17.41	17.47		
5	64QAM	12	0	17.56	17.6	17.41	17.5	17.58	18.5	0
5	64QAM	12	7	17.62	17.57	17.38	17.41	17.49		
5	64QAM	12	13	17.5	17.58	17.51	17.46	17.62		
5	64QAM	25	0	17.56	17.58	17.4	17.45	17.58		
5	256QAM	1	0	17.52	17.56	17.40	17.43	17.45	18.5	0
5	256QAM	1	12	17.39	17.50	17.32	17.38	17.44		
5	256QAM	1	24	17.44	17.49	17.40	17.34	17.47		
5	256QAM	12	0	17.64	17.57	17.35	17.45	17.56	18.5	0
5	256QAM	12	7	17.49	17.42	17.39	17.39	17.41		
5	256QAM	12	13	17.41	17.54	17.38	17.33	17.52		
5	256QAM	25	0	17.48	17.48	17.49	17.50	17.48		

Band 41 HPUE_ANT 2

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	19.31	19.43	19.37	19.39	19.28	20.1	0
20	QPSK	1	49	19.28	19.36	19.31	19.35	19.19		
20	QPSK	1	99	19.19	19.38	19.26	19.34	19.26		
20	QPSK	50	0	19.27	19.37	19.26	19.32	19.17	20.1	0
20	QPSK	50	24	19.21	19.35	19.33	19.3	19.22		
20	QPSK	50	50	19.26	19.34	19.25	19.34	19.24		
20	QPSK	100	0	19.2	19.22	19.15	19.18	19.21		
20	16QAM	1	0	19.26	19.4	19.34	19.35	19.26	20.1	0
20	16QAM	1	49	19.18	19.34	19.23	19.26	19.13		
20	16QAM	1	99	19.11	19.35	19.17	19.31	19.16		
20	16QAM	50	0	19.16	19.27	19.17	19.23	19.09	20.1	0
20	16QAM	50	24	19.12	19.3	19.31	19.23	19.11		
20	16QAM	50	50	19.23	19.31	19.14	19.32	19.13		
20	16QAM	100	0	19.11	19.2	19.05	19.09	19.16		
20	64QAM	1	0	19.25	19.31	19.31	19.35	19.17	20.1	0
20	64QAM	1	49	19.25	19.3	19.23	19.26	19.18		
20	64QAM	1	99	19.13	19.28	19.15	19.23	19.23		
20	64QAM	50	0	19.24	19.27	19.2	19.28	19.11	20.1	0
20	64QAM	50	24	19.2	19.31	19.22	19.26	19.15		
20	64QAM	50	50	19.15	19.27	19.18	19.29	19.18		
20	64QAM	100	0	19.11	19.12	19.1	19.16	19.12		
20	256QAM	1	0	19.22	19.21	19.21	19.29	19.08	20.1	0
20	256QAM	1	49	19.24	19.18	19.19	19.15	19.07		
20	256QAM	1	99	19.04	19.17	19.09	19.13	19.19		
20	256QAM	50	0	19.14	19.23	19.12	19.20	19.06	20.1	0
20	256QAM	50	24	19.17	19.29	19.17	19.25	19.11		
20	256QAM	50	50	19.08	19.23	19.14	19.18	19.07		
20	256QAM	100	0	19.09	19.09	19.08	19.15	19.04		
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	19.36	19.34	19.32	19.26	20.1	0
15	QPSK	1	37	19.25	19.28	19.22	19.26	19.17		
15	QPSK	1	74	19.12	19.26	19.24	19.25	19.22		
15	QPSK	36	0	19.19	19.36	19.15	19.21	19.12	20.1	0
15	QPSK	36	20	19.2	19.31	19.21	19.21	19.21		
15	QPSK	36	39	19.22	19.29	19.14	19.22	19.14		
15	QPSK	75	0	19.15	19.14	19.1	19.12	19.11		
15	16QAM	1	0	19.16	19.3	19.23	19.31	19.15	20.1	0
15	16QAM	1	37	19.07	19.24	19.19	19.15	19.11		
15	16QAM	1	74	19.1	19.23	19.07	19.26	19.08		
15	16QAM	36	0	19.06	19.2	19.08	19.21	19.02	20.1	0
15	16QAM	36	20	19.1	19.19	19.23	19.14	19.1		
15	16QAM	36	39	19.11	19.28	19.04	19.3	19.07		
15	16QAM	75	0	19.02	19.09	19	18.99	19.05		
15	64QAM	1	0	19.15	19.27	19.26	19.33	19.09	20.1	0
15	64QAM	1	37	19.14	19.25	19.13	19.18	19.06		
15	64QAM	1	74	19.12	19.19	19.09	19.17	19.19		
15	64QAM	36	0	19.14	19.21	19.18	19.27	19.06	20.1	0
15	64QAM	36	20	19.09	19.2	19.1	19.19	19.09		
15	64QAM	36	39	19.14	19.21	19.1	19.17	19.15		
15	64QAM	75	0	19	19.01	19.06	19.15	19.05		
15	256QAM	1	0	19.21	19.14	19.18	19.18	19.00	20.1	0
15	256QAM	1	37	19.15	19.09	19.12	19.11	19.04		
15	256QAM	1	74	19.00	19.05	18.97	19.04	19.11		
15	256QAM	36	0	19.12	19.20	19.11	19.09	19.05	20.1	0
15	256QAM	36	20	19.13	19.27	19.16	19.24	19.06		
15	256QAM	36	39	18.96	19.11	19.02	19.17	18.97		
15	256QAM	75	0	19.05	18.99	19.01	19.03	18.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.3	19.33	19.36	19.28	19.17	20.1	0
10	QPSK	1	25	19.27	19.33	19.19	19.29	19.07		
10	QPSK	1	49	19.16	19.33	19.14	19.29	19.17		
10	QPSK	25	0	19.2	19.26	19.19	19.2	19.11	20.1	0
10	QPSK	25	12	19.2	19.28	19.26	19.18	19.16		
10	QPSK	25	25	19.2	19.27	19.19	19.31	19.2		
10	QPSK	50	0	19.12	19.19	19.06	19.08	19.2		
10	16QAM	1	0	19.23	19.3	19.24	19.28	19.18	20.1	0
10	16QAM	1	25	19.11	19.31	19.16	19.22	19.03		
10	16QAM	1	49	19.09	19.32	19.11	19.26	19.06		
10	16QAM	25	0	19.08	19.19	19.14	19.14	18.99	20.1	0
10	16QAM	25	12	19.09	19.25	19.23	19.12	19.03		
10	16QAM	25	25	19.12	19.2	19.1	19.22	19.04		
10	16QAM	50	0	19.01	19.1	18.96	19.06	19.12		
10	64QAM	1	0	19.14	19.28	19.28	19.28	19.11	20.1	0
10	64QAM	1	25	19.15	19.24	19.16	19.14	19.15		
10	64QAM	1	49	19.09	19.22	19.1	19.17	19.12		
10	64QAM	25	0	19.13	19.15	19.18	19.19	19.1	20.1	0
10	64QAM	25	12	19.11	19.23	19.21	19.18	19.1		
10	64QAM	25	25	19.13	19.16	19.08	19.24	19.11		
10	64QAM	50	0	19.04	19.09	18.99	19.13	19.06		
10	256QAM	1	0	19.13	19.10	19.19	19.20	18.96	20.1	0
10	256QAM	1	25	19.19	19.16	19.17	19.07	18.97		
10	256QAM	1	49	19.01	19.13	18.98	19.11	19.13		
10	256QAM	25	0	19.13	19.21	19.06	19.10	19.02	20.1	0
10	256QAM	25	12	19.15	19.17	19.07	19.24	19.05		
10	256QAM	25	25	19.06	19.20	19.09	19.16	19.04		
10	256QAM	50	0	19.07	18.97	19.05	19.05	19.02		
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	19.19	19.39	19.32	19.32	19.19	20.1	0
5	QPSK	1	12	19.22	19.31	19.25	19.3	19.15		
5	QPSK	1	24	19.16	19.31	19.19	19.28	19.25		
5	QPSK	12	0	19.24	19.27	19.19	19.25	19.13	20.1	0
5	QPSK	12	7	19.14	19.29	19.31	19.19	19.21		
5	QPSK	12	13	19.23	19.24	19.18	19.25	19.15		
5	QPSK	25	0	19.15	19.16	19.04	19.15	19.17		
5	16QAM	1	0	19.15	19.29	19.29	19.3	19.21	20.1	0
5	16QAM	1	12	19.15	19.29	19.11	19.24	19.02		
5	16QAM	1	24	19.1	19.34	19.11	19.22	19.09		
5	16QAM	12	0	19.04	19.25	19.16	19.11	18.99	20.1	0
5	16QAM	12	7	19.02	19.2	19.21	19.11	19.05		
5	16QAM	12	13	19.14	19.27	19.09	19.27	19.1		
5	16QAM	25	0	19.07	19.08	18.94	19.03	19.09		
5	64QAM	1	0	19.17	19.26	19.19	19.33	19.09	20.1	0
5	64QAM	1	12	19.2	19.26	19.18	19.14	19.14		
5	64QAM	1	24	19.1	19.21	19.1	19.15	19.18		
5	64QAM	12	0	19.12	19.21	19.1	19.27	18.99	20.1	0
5	64QAM	12	7	19.19	19.3	19.19	19.14	19.12		
5	64QAM	12	13	19.14	19.2	19.16	19.24	19.16		
5	64QAM	25	0	19.03	19.06	19.03	19.14	19.01		
5	256QAM	1	0	19.18	19.20	19.15	19.20	19.06	20.1	0
5	256QAM	1	12	19.20	19.17	19.07	19.03	18.99		
5	256QAM	1	24	19.03	19.06	18.97	19.12	19.15		
5	256QAM	12	0	19.04	19.16	19.06	19.13	18.99	20.1	0
5	256QAM	12	7	19.14	19.20	19.14	19.17	19.02		
5	256QAM	12	13	18.99	19.18	19.06	19.14	19.04		
5	256QAM	25	0	19.03	19.03	19.00	19.08	19.03		

Band 41_ANT 5

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	19.32	19.47	19.15	19.28	19.23	20.5	0
20	QPSK	1	49	19.33	19.27	19.26	19.28	19.23		
20	QPSK	1	99	19.39	19.29	19.21	19.17	19.23		
20	QPSK	50	0	19.27	19.39	19.05	19.2	19.21	20.5	0
20	QPSK	50	24	19.21	19.38	19.14	19.26	19.16		
20	QPSK	50	50	19.22	19.25	19.15	19.19	19.18		
20	QPSK	100	0	19.3	19.32	19.14	19.05	19.16		
20	16QAM	1	0	19.21	19.37	19.12	19.2	19.15	20.5	0
20	16QAM	1	49	19.29	19.22	19.23	19.21	19.11		
20	16QAM	1	99	19.32	19.22	19.16	19.13	19.17		
20	16QAM	50	0	19.26	19.36	19.04	19.13	19.11	20.5	0
20	16QAM	50	24	19.11	19.29	19.05	19.2	19.11		
20	16QAM	50	50	19.16	19.13	19.1	19.08	19.08		
20	16QAM	100	0	19.26	19.28	19.07	18.94	19.05		
20	64QAM	1	0	19.28	19.46	19.13	19.26	19.12	20.5	0
20	64QAM	1	49	19.31	19.21	19.16	19.17	19.22		
20	64QAM	1	99	19.27	19.18	19.17	19.11	19.14		
20	64QAM	50	0	19.23	19.28	18.96	19.12	19.18	20.5	0
20	64QAM	50	24	19.2	19.33	19.05	19.16	19.14		
20	64QAM	50	50	19.19	19.2	19.09	19.15	19.12		
20	64QAM	100	0	19.19	19.26	19.09	18.99	19.06		
20	256QAM	1	0	19.28	19.36	19.12	19.16	19.19	20.5	0
20	256QAM	1	49	19.32	19.25	19.14	19.23	19.16		
20	256QAM	1	99	19.27	19.26	19.12	19.13	19.20		
20	256QAM	50	0	19.24	19.29	19.01	19.15	19.19	20.5	0
20	256QAM	50	24	19.09	19.26	19.02	19.16	19.12		
20	256QAM	50	50	19.19	19.17	19.03	19.08	19.11		
20	256QAM	100	0	19.19	19.31	19.09	18.97	19.04		
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	19.24	19.41	19.08	19.21	19.11	20.5	0
15	QPSK	1	37	19.23	19.16	19.23	19.17	19.12		
15	QPSK	1	74	19.27	19.18	19.2	19.08	19.22		
15	QPSK	36	0	19.26	19.38	19.03	19.08	19.11	20.5	0
15	QPSK	36	20	19.2	19.31	19.11	19.19	19.14		
15	QPSK	36	39	19.21	19.19	19.12	19.09	19.06		
15	QPSK	75	0	19.2	19.27	19.09	18.95	19.09		
15	16QAM	1	0	19.13	19.27	19.06	19.19	19.08	20.5	0
15	16QAM	1	37	19.28	19.1	19.12	19.17	18.99		
15	16QAM	1	74	19.21	19.15	19.1	19.02	19.05		
15	16QAM	36	0	19.16	19.3	18.94	19.04	19.02	20.5	0
15	16QAM	36	20	19.03	19.28	18.97	19.13	19.06		
15	16QAM	36	39	19.12	19.05	18.98	19.02	18.98		
15	16QAM	75	0	19.17	19.17	18.97	18.91	19.04		
15	64QAM	1	0	19.23	19.38	19.02	19.16	19.03	20.5	0
15	64QAM	1	37	19.26	19.17	19.12	19.11	19.16		
15	64QAM	1	74	19.24	19.16	19.12	19.08	19.08		
15	64QAM	36	0	19.14	19.22	18.88	19.01	19.15	20.5	0
15	64QAM	36	20	19.11	19.24	18.98	19.04	19.12		
15	64QAM	36	39	19.18	19.17	18.97	19.08	19.11		
15	64QAM	75	0	19.1	19.15	19	18.98	18.94		
15	256QAM	1	0	19.25	19.32	19.06	19.06	19.15	20.5	0
15	256QAM	1	37	19.20	19.24	19.11	19.17	19.09		
15	256QAM	1	74	19.16	19.17	19.09	19.09	19.09		
15	256QAM	36	0	19.18	19.26	18.95	19.14	19.09	20.5	0
15	256QAM	36	20	18.97	19.23	19.01	19.07	19.04		
15	256QAM	36	39	19.09	19.06	18.92	19.02	19.02		
15	256QAM	75	0	19.09	19.24	18.98	18.93	18.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.25	19.45	19.11	19.21	19.18	20.5	0
10	QPSK	1	25	19.29	19.15	19.21	19.27	19.11		
10	QPSK	1	49	19.32	19.27	19.18	19.08	19.22		
10	QPSK	25	0	19.2	19.34	18.95	19.16	19.11	20.5	0
10	QPSK	25	12	19.12	19.29	19.04	19.15	19.14		
10	QPSK	25	25	19.17	19.2	19.14	19.1	19.13		
10	QPSK	50	0	19.27	19.31	19.06	19.01	19.05		
10	16QAM	1	0	19.18	19.35	19.04	19.18	19.04	20.5	0
10	16QAM	1	25	19.22	19.16	19.11	19.19	19.03		
10	16QAM	1	49	19.28	19.17	19.11	19.08	19.05		
10	16QAM	25	0	19.21	19.33	18.93	19.08	19.07	20.5	0
10	16QAM	25	12	19.04	19.2	18.94	19.12	19.07		
10	16QAM	25	25	19.12	19.02	19.09	19.07	18.98		
10	16QAM	50	0	19.22	19.26	18.96	18.89	18.94		
10	64QAM	1	0	19.23	19.39	19.04	19.14	19.08	20.5	0
10	64QAM	1	25	19.27	19.12	19.06	19.12	19.2		
10	64QAM	1	49	19.16	19.15	19.07	19.05	19.11		
10	64QAM	25	0	19.2	19.18	18.86	19	19.08	20.5	0
10	64QAM	25	12	19.12	19.21	18.99	19.04	19.02		
10	64QAM	25	25	19.15	19.12	19.06	19.11	19.04		
10	64QAM	50	0	19.1	19.21	19	18.87	19.02		
10	256QAM	1	0	19.26	19.24	19.02	19.15	19.18	20.5	0
10	256QAM	1	25	19.23	19.13	19.07	19.21	19.12		
10	256QAM	1	49	19.21	19.18	19.02	19.06	19.17		
10	256QAM	25	0	19.13	19.20	18.96	19.11	19.09	20.5	0
10	256QAM	25	12	19.08	19.15	18.95	19.14	19.11		
10	256QAM	25	25	19.09	19.16	18.91	18.97	19.00		
10	256QAM	50	0	19.18	19.30	18.99	18.94	18.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.3	19.39	19.07	19.22	19.11	20.5	0
5	QPSK	1	12	19.22	19.21	19.17	19.16	19.22		
5	QPSK	1	24	19.29	19.2	19.1	19.13	19.15		
5	QPSK	12	0	19.21	19.35	19.01	19.1	19.18	20.5	0
5	QPSK	12	7	19.17	19.28	19.12	19.24	19.05		
5	QPSK	12	13	19.15	19.24	19.13	19.13	19.1		
5	QPSK	25	0	19.27	19.29	19.03	19.04	19.12		
5	16QAM	1	0	19.16	19.27	19.04	19.17	19.04	20.5	0
5	16QAM	1	12	19.25	19.21	19.21	19.18	19.05		
5	16QAM	1	24	19.31	19.19	19.08	19.02	19.06		
5	16QAM	12	0	19.16	19.24	18.98	19.01	19.06	20.5	0
5	16QAM	12	7	19.04	19.24	18.96	19.1	19.07		
5	16QAM	12	13	19.08	19.05	19	19.06	19.02		
5	16QAM	25	0	19.18	19.16	19.06	18.88	18.97		
5	64QAM	1	0	19.24	19.35	19.11	19.21	19.1	20.5	0
5	64QAM	1	12	19.21	19.17	19.14	19.05	19.13		
5	64QAM	1	24	19.21	19.15	19.15	19.05	19.09		
5	64QAM	12	0	19.16	19.18	18.91	19.03	19.13	20.5	0
5	64QAM	12	7	19.15	19.26	18.97	19.12	19.04		
5	64QAM	12	13	19.17	19.14	19.02	19.03	19.01		
5	64QAM	25	0	19.12	19.18	19.01	18.98	18.94		
5	256QAM	1	0	19.22	19.31	19.05	19.15	19.13	20.5	0
5	256QAM	1	12	19.20	19.16	19.12	19.12	19.10		
5	256QAM	1	24	19.21	19.16	19.07	19.11	19.10		
5	256QAM	12	0	19.19	19.24	18.89	19.12	19.15	20.5	0
5	256QAM	12	7	18.98	19.24	18.93	19.05	19.04		
5	256QAM	12	13	19.09	19.06	18.94	19.03	19.10		
5	256QAM	25	0	19.09	19.29	18.99	18.90	19.22		

Band 41_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.29	18.44	18.32	18.16	18.32	19.5	0
20	QPSK	1	49	18.3	18.27	18.31	18.21	18.37		
20	QPSK	1	99	18.27	18.24	18.28	18.26	18.26		
20	QPSK	50	0	18.27	18.38	18.24	18.17	18.31	19.5	0
20	QPSK	50	24	18.31	18.24	18.31	18.21	18.34		
20	QPSK	50	50	18.21	18.23	18.36	18.23	18.25		
20	QPSK	100	0	18.26	18.34	18.31	18.31	18.24		
20	16QAM	1	0	18.23	18.35	18.23	18.05	18.27	19.5	0
20	16QAM	1	49	18.28	18.25	18.2	18.09	18.3		
20	16QAM	1	99	18.2	18.14	18.16	18.21	18.16		
20	16QAM	50	0	18.15	18.28	18.14	18.12	18.19	19.5	0
20	16QAM	50	24	18.27	18.21	18.2	18.17	18.31		
20	16QAM	50	50	18.12	18.21	18.33	18.19	18.2		
20	16QAM	100	0	18.2	18.24	18.29	18.19	18.22		
20	64QAM	1	0	18.19	18.41	18.25	18.1	18.2	19.5	0
20	64QAM	1	49	18.19	18.26	18.3	18.09	18.3		
20	64QAM	1	99	18.26	18.2	18.2	18.23	18.19		
20	64QAM	50	0	18.19	18.29	18.19	18.07	18.19	19.5	0
20	64QAM	50	24	18.21	18.21	18.2	18.2	18.24		
20	64QAM	50	50	18.16	18.21	18.26	18.22	18.14		
20	64QAM	100	0	18.24	18.3	18.19	18.26	18.23		
20	256QAM	1	0	18.28	18.39	18.28	18.11	18.24	19.5	0
20	256QAM	1	49	18.18	18.26	18.20	18.12	18.28		
20	256QAM	1	99	18.17	18.23	18.19	18.19	18.17		
20	256QAM	50	0	18.15	18.35	18.14	18.15	18.26	19.5	0
20	256QAM	50	24	18.21	18.12	18.23	18.19	18.24		
20	256QAM	50	50	18.10	18.18	18.26	18.16	18.19		
20	256QAM	100	0	18.25	18.30	18.29	18.25	18.18		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.22	18.33	18.26	18.08	18.29	19.5	0
15	QPSK	1	37	18.28	18.21	18.2	18.09	18.26		
15	QPSK	1	74	18.26	18.16	18.26	18.21	18.23		
15	QPSK	36	0	18.26	18.29	18.18	18.16	18.25	19.5	0
15	QPSK	36	20	18.26	18.14	18.29	18.09	18.22		
15	QPSK	36	39	18.14	18.18	18.32	18.21	18.2		
15	QPSK	75	0	18.17	18.22	18.25	18.3	18.19		
15	16QAM	1	0	18.13	18.27	18.22	17.98	18.17	19.5	0
15	16QAM	1	37	18.27	18.16	18.13	18.03	18.19		
15	16QAM	1	74	18.11	18.09	18.08	18.13	18.09		
15	16QAM	36	0	18.05	18.19	18.04	18.01	18.09	19.5	0
15	16QAM	36	20	18.25	18.09	18.09	18.07	18.25		
15	16QAM	36	39	18.04	18.1	18.28	18.07	18.15		
15	16QAM	75	0	18.15	18.19	18.23	18.13	18.1		
15	64QAM	1	0	18.16	18.4	18.18	18.01	18.17	19.5	0
15	64QAM	1	37	18.18	18.21	18.22	18	18.25		
15	64QAM	1	74	18.2	18.19	18.13	18.13	18.09		
15	64QAM	36	0	18.18	18.17	18.16	18.02	18.16	19.5	0
15	64QAM	36	20	18.09	18.12	18.18	18.1	18.23		
15	64QAM	36	39	18.09	18.14	18.23	18.11	18.08		
15	64QAM	75	0	18.15	18.18	18.08	18.14	18.18		
15	256QAM	1	0	18.23	18.31	18.16	18.03	18.18	19.5	0
15	256QAM	1	37	18.08	18.15	18.08	18.11	18.26		
15	256QAM	1	74	18.14	18.20	18.16	18.08	18.14		
15	256QAM	36	0	18.05	18.26	18.07	18.05	18.25	19.5	0
15	256QAM	36	20	18.14	18.11	18.13	18.09	18.18		
15	256QAM	36	39	18.07	18.13	18.17	18.05	18.08		
15	256QAM	75	0	18.19	18.19	18.17	18.17	18.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.17	18.38	18.24	18.05	18.23	19.5	0
10	QPSK	1	25	18.23	18.17	18.28	18.11	18.28		
10	QPSK	1	49	18.24	18.2	18.22	18.14	18.2		
10	QPSK	25	0	18.25	18.32	18.2	18.11	18.2	19.5	0
10	QPSK	25	12	18.27	18.17	18.22	18.09	18.24		
10	QPSK	25	25	18.16	18.13	18.27	18.16	18.15		
10	QPSK	50	0	18.21	18.25	18.25	18.25	18.17		
10	16QAM	1	0	18.11	18.26	18.14	18.04	18.25	19.5	0
10	16QAM	1	25	18.26	18.17	18.11	18.02	18.25		
10	16QAM	1	49	18.08	18.12	18.09	18.11	18.1		
10	16QAM	25	0	18.12	18.24	18.02	18.11	18.13	19.5	0
10	16QAM	25	12	18.15	18.09	18.16	18.14	18.26		
10	16QAM	25	25	18.03	18.16	18.29	18.1	18.12		
10	16QAM	50	0	18.09	18.14	18.22	18.18	18.1		
10	64QAM	1	0	18.13	18.35	18.14	18.07	18.16	19.5	0
10	64QAM	1	25	18.17	18.16	18.23	18.05	18.22		
10	64QAM	1	49	18.16	18.17	18.16	18.13	18.08		
10	64QAM	25	0	18.12	18.25	18.11	18	18.13	19.5	0
10	64QAM	25	12	18.18	18.12	18.17	18.17	18.14		
10	64QAM	25	25	18.08	18.18	18.23	18.14	18.09		
10	64QAM	50	0	18.18	18.21	18.18	18.16	18.12		
10	256QAM	1	0	18.17	18.38	18.24	17.99	18.15	19.5	0
10	256QAM	1	25	18.12	18.24	18.12	18.06	18.27		
10	256QAM	1	49	18.07	18.21	18.12	18.09	18.15		
10	256QAM	25	0	18.07	18.24	18.12	18.06	18.21	19.5	0
10	256QAM	25	12	18.18	18.08	18.20	18.15	18.15		
10	256QAM	25	25	17.99	18.14	18.23	18.05	18.17		
10	256QAM	50	0	18.16	18.28	18.23	18.18	18.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.24	18.36	18.2	18.12	18.28	19.5	0
5	QPSK	1	12	18.22	18.19	18.28	18.17	18.3		
5	QPSK	1	24	18.17	18.14	18.16	18.24	18.24		
5	QPSK	12	0	18.21	18.34	18.22	18.15	18.26	19.5	0
5	QPSK	12	7	18.23	18.21	18.22	18.13	18.27		
5	QPSK	12	13	18.13	18.18	18.24	18.15	18.23		
5	QPSK	25	0	18.19	18.26	18.29	18.23	18.17		
5	16QAM	1	0	18.22	18.26	18.16	18	18.19	19.5	0
5	16QAM	1	12	18.24	18.17	18.08	18.07	18.29		
5	16QAM	1	24	18.19	18.13	18.05	18.19	18.08		
5	16QAM	12	0	18.05	18.26	18.06	18	18.17	19.5	0
5	16QAM	12	7	18.2	18.11	18.16	18.05	18.22		
5	16QAM	12	13	18.04	18.16	18.12	18.07	18.08		
5	16QAM	25	0	18.12	18.22	18.23	18.18	18.14		
5	64QAM	1	0	18.14	18.32	18.17	18	18.17	19.5	0
5	64QAM	1	12	18.14	18.18	18.22	18.01	18.23		
5	64QAM	1	24	18.24	18.17	18.17	18.12	18.14		
5	64QAM	12	0	18.11	18.22	18.11	18	18.08	19.5	0
5	64QAM	12	7	18.11	18.14	18.15	18.19	18.14		
5	64QAM	12	13	18.07	18.17	18.15	18.18	18.08		
5	64QAM	25	0	18.22	18.22	18.14	18.22	18.14		
5	256QAM	1	0	18.17	18.28	18.22	17.99	18.13	19.5	0
5	256QAM	1	12	18.15	18.21	18.11	18.02	18.27		
5	256QAM	1	24	18.14	18.12	18.07	18.12	18.08		
5	256QAM	12	0	18.07	18.23	18.13	18.10	18.19	19.5	0
5	256QAM	12	7	18.11	18.04	18.20	18.15	18.23		
5	256QAM	12	13	17.98	18.10	18.21	18.05	18.15		
5	256QAM	25	0	18.18	18.22	18.23	18.17	18.14		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mid.Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55343	55530	56150	56643		
Frequency (MHz)				3550	3609	3841	3900		
20	QPSK	1	0	16.96	17.18	17	17.06	18	0
20	QPSK	1	49	16.9	17.08	16.99	16.95		
20	QPSK	1	99	16.93	17.14	16.9	17.03		
20	QPSK	50	0	16.87	17.11	16.91	16.97	18	0
20	QPSK	50	24	16.86	17.03	16.87	16.88		
20	QPSK	50	50	16.86	17.05	16.85	16.99		
20	QPSK	100	0	16.89	17.09	16.87	16.94		
20	16QAM	1	0	16.95	17.08	16.96	17.02	18	0
20	16QAM	1	49	16.85	17.02	16.9	16.94		
20	16QAM	1	99	16.93	17.04	16.91	16.95		
20	16QAM	50	0	16.79	17.05	16.85	16.87	18	0
20	16QAM	50	24	16.84	16.97	16.79	16.73		
20	16QAM	50	50	16.82	17.02	16.75	16.94		
20	16QAM	100	0	16.86	16.99	16.88	16.92		
20	64QAM	1	0	16.95	17.07	16.92	16.96	18	0
20	64QAM	1	49	16.75	16.97	16.93	16.86		
20	64QAM	1	99	16.84	17.13	16.91	16.93		
20	64QAM	50	0	16.77	17.01	16.88	16.85	18	0
20	64QAM	50	24	16.8	16.93	16.78	16.77		
20	64QAM	50	50	16.8	16.99	16.74	16.91		
20	64QAM	100	0	16.78	17.01	16.86	16.89		
20	256QAM	1	0	16.91	17.09	16.91	17.13	18	0
20	256QAM	1	49	16.89	17.07	16.94	17.12		
20	256QAM	1	99	16.93	17.15	16.92	17.12		
20	256QAM	50	0	16.91	17.17	16.92	17.11	18	0
20	256QAM	50	24	16.92	17.14	16.89	17.11		
20	256QAM	50	50	16.91	17.15	16.91	17.11		
20	256QAM	100	0	16.88	17.11	16.91	17.10		
Channel				55315	55520	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3547.5	3608	3842	3902.5		
15	QPSK	1	0	16.96	16.91	16.92	16.94	18	0
15	QPSK	1	37	16.9	16.97	16.93	16.91		
15	QPSK	1	74	16.83	16.89	16.78	16.81		
15	QPSK	36	0	16.87	16.9	16.8	16.83	18	0
15	QPSK	36	20	16.85	16.81	16.77	16.78		
15	QPSK	36	39	16.81	16.77	16.75	16.82		
15	QPSK	75	0	16.96	16.95	16.89	16.88		
15	16QAM	1	0	16.89	16.94	16.93	16.88	18	0
15	16QAM	1	37	16.77	16.86	16.83	16.83		
15	16QAM	1	74	16.73	16.88	16.74	16.76		
15	16QAM	36	0	16.72	16.82	16.78	16.83	18	0
15	16QAM	36	20	16.69	16.67	16.68	16.75		
15	16QAM	36	39	16.66	16.62	16.68	16.69		
15	16QAM	75	0	16.86	16.75	16.88	16.84		
15	64QAM	1	0	16.79	16.83	16.8	16.88	18	0
15	64QAM	1	37	16.8	16.9	16.81	16.79		
15	64QAM	1	74	16.7	16.79	16.67	16.74		
15	64QAM	36	0	16.6	16.8	16.65	16.81	18	0
15	64QAM	36	20	16.69	16.76	16.72	16.77		
15	64QAM	36	39	16.67	16.73	16.68	16.73		
15	64QAM	75	0	16.85	16.83	16.77	16.77		
15	256QAM	1	0	16.73	16.75	16.71	16.77	18	0
15	256QAM	1	37	16.91	16.74	16.74	16.89		
15	256QAM	1	74	16.82	16.87	16.74	16.81		
15	256QAM	36	0	16.86	16.81	16.78	16.90	18	0
15	256QAM	36	20	16.82	16.82	16.80	16.81		
15	256QAM	36	39	16.72	16.82	16.68	16.81		
15	256QAM	75	0	16.77	16.85	16.84	16.78		
Channel				55295	55615	56165	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3545	3612.5	3843.5	3905		
10	QPSK	1	0	16.97	16.92	16.93	16.99	18	0
10	QPSK	1	25	16.96	16.86	16.87	16.92		
10	QPSK	1	49	16.88	16.77	16.85	16.83		
10	QPSK	25	0	16.81	16.89	16.82	16.87	18	0
10	QPSK	25	12	16.82	16.85	16.74	16.86		
10	QPSK	25	25	16.74	16.76	16.73	16.76		
10	QPSK	50	0	16.91	16.85	16.96	16.93		
10	16QAM	1	0	16.93	16.95	16.9	16.83	18	0
10	16QAM	1	25	16.8	16.89	16.81	16.82		
10	16QAM	1	49	16.72	16.8	16.77	16.77		
10	16QAM	25	0	16.78	16.79	16.8	16.82	18	0
10	16QAM	25	12	16.7	16.74	16.68	16.71		
10	16QAM	25	25	16.71	16.83	16.68	16.73		
10	16QAM	50	0	16.78	16.83	16.75	16.8		
10	64QAM	1	0	16.83	16.82	16.77	16.81	18	0
10	64QAM	1	25	16.8	16.8	16.78	16.84		
10	64QAM	1	49	16.67	16.67	16.69	16.68		
10	64QAM	25	0	16.81	16.85	16.85	16.83	18	0
10	64QAM	25	12	16.73	16.69	16.74	16.71		
10	64QAM	25	25	16.7	16.85	16.68	16.69		
10	64QAM	50	0	16.78	16.92	16.76	16.76		
10	256QAM	1	0	16.72	16.77	16.77	16.83	18	0
10	256QAM	1	25	16.89	16.77	16.77	16.74		
10	256QAM	1	49	16.73	16.72	16.84	16.85		
10	256QAM	25	0	16.73	16.82	16.75	16.85	18	0
10	256QAM	25	12	16.71	16.81	16.84	16.73		
10	256QAM	25	25	16.79	16.71	16.68	16.69		
10	256QAM	50	0	16.75	16.74	16.68	16.76		
Channel				55285	55605	56175	56675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3607	3843	3907.5		
5	QPSK	1	0	16.96	16.89	16.87	16.89	18	0
5	QPSK	1	12	16.87	16.93	16.88	16.93		
5	QPSK	1	24	16.76	16.8	16.68	16.89		
5	QPSK	12	0	16.85	16.79	16.8	16.8	18	0
5	QPSK	12	7	16.73	16.79	16.65	16.8		
5	QPSK	12	13	16.79	16.77	16.72	16.82		
5	QPSK	25	0	16.96	16.94	16.86	16.89		
5	16QAM	1	0	16.89	16.93	16.92	16.94	18	0
5	16QAM	1	12	16.85	16.87	16.87	16.77		
5	16QAM	1	24	16.73	16.79	16.77	16.76		
5	16QAM	12	0	16.84	16.73	16.84	16.83	18	0
5	16QAM	12	7	16.7	16.69	16.69	16.67		
5	16QAM	12	13	16.83	16.87	16.71	16.67		
5	16QAM	25	0	16.87	16.79	16.75	16.85		
5	64QAM	1	0	16.91	16.79	16.88	16.78	18	0
5	64QAM	1	12	16.88	16.87	16.91	16.91		
5	64QAM	1	24	16.66	16.71	16.67	16.77		
5	64QAM	12	0	16.76	16.85	16.8	16.82	18	0
5	64QAM	12	7	16.68	16.69	16.76	16.69		
5	64QAM	12	13	16.65	16.69	16.64	16.73		
5	64QAM	25	0	16.76	16.83	16.76	16.79		
5	256QAM	1	0	16.73	16.85	16.74	16.86	18	0
5	256QAM	1	12	16.95	16.79	16.95	16.87		
5	256QAM	1	24	16.89	16.80	16.77	16.73		
5	256QAM	12	0	16.82	16.73	16.82	16.82	18	0
5	256QAM	12	7	16.76	16.76	16.82	16.69		
5	256QAM	12	13	16.72	16.74	16.76	16.89		
5	256QAM	25	0	16.82	16.89	16.79	16.72		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mid.Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55530	56150	56640		
Frequency (MHz)				3550	3609	3841	3900		
20	QPSK	1	0	23.96	24.09	23.94	24.07	25	0
20	QPSK	1	49	23.95	24.07	23.89	24.01		
20	QPSK	1	99	23.88	24.02	23.84	23.98		
20	QPSK	50	0	23.07	23.23	23.03	23.18	24	1
20	QPSK	50	24	23.02	23.19	22.93	23.12		
20	QPSK	50	50	23.01	23.16	22.91	23.08		
20	QPSK	100	0	23.05	23.18	22.94	23.03		
20	16QAM	1	0	22.94	23.25	22.91	22.93	24	1
20	16QAM	1	49	23.08	23.24	23.07	22.99		
20	16QAM	1	99	23.05	23.11	22.95	23.04		
20	16QAM	50	0	22.22	22.23	21.94	21.95	23	2
20	16QAM	50	24	22.07	22.18	21.9	22.02		
20	16QAM	50	50	22.03	21.92	22.03	22.11		
20	16QAM	100	0	22.05	22.16	21.92	22.01		
20	64QAM	1	0	21.95	22.14	21.82	21.85	23	2
20	64QAM	1	49	21.98	22.16	21.89	21.99		
20	64QAM	1	99	21.98	22.11	21.88	21.94		
20	64QAM	50	0	21.01	21.22	20.91	20.98	22	3
20	64QAM	50	24	21.09	21.17	20.94	20.98		
20	64QAM	50	50	21.02	21.16	21.03	21.11		
20	64QAM	100	0	21.07	21.16	20.93	21.01		
20	256QAM	1	0	19.92	19.05	19.02	18.88	20	5
20	256QAM	1	49	19.92	19.03	19.09	18.85		
20	256QAM	1	99	19.91	19.01	19.08	18.92		
20	256QAM	50	0	19.88	19.08	19.06	18.92	20	5
20	256QAM	50	24	19.88	19.04	19.00	18.87		
20	256QAM	50	50	19.92	19.08	19.04	18.88		
20	256QAM	100	0	19.89	19.05	19.05	18.93		
Channel				55315	55520	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3547.5	3608	3842	3902.5		
15	QPSK	1	0	23.93	23.98	23.88	24	25	0
15	QPSK	1	37	23.81	23.98	23.76	23.95		
15	QPSK	1	74	23.79	23.88	23.72	23.8		
15	QPSK	36	0	22.92	23.1	22.89	23.05	24	1
15	QPSK	36	20	22.87	23.1	22.88	23.02		
15	QPSK	36	39	22.85	23.02	22.76	22.96		
15	QPSK	75	0	23	23.09	22.88	22.98		
15	16QAM	1	0	22.88	23.16	22.8	22.95	24	1
15	16QAM	1	37	23.01	23.29	22.92	22.83		
15	16QAM	1	74	22.96	22.96	22.81	22.93		
15	16QAM	36	0	21.9	22.07	21.81	21.9	23	2
15	16QAM	36	20	21.92	22.08	21.76	21.87		
15	16QAM	36	39	21.9	21.86	21.87	22.02		
15	16QAM	75	0	21.92	22.06	21.77	21.94		
15	64QAM	1	0	21.88	21.98	21.68	21.7	23	2
15	64QAM	1	37	21.85	22.03	21.74	21.83		
15	64QAM	1	74	21.91	22.06	21.81	21.84		
15	64QAM	36	0	20.85	21.16	20.85	20.86	22	3
15	64QAM	36	20	21.03	21.08	20.88	20.92		
15	64QAM	36	39	20.99	21.1	20.91	20.98		
15	64QAM	75	0	20.98	21.07	20.82	20.95		
15	256QAM	1	0	18.79	18.82	18.79	18.88	20	5
15	256QAM	1	37	19.05	18.89	18.84	18.86		
15	256QAM	1	74	18.84	18.85	18.81	18.88		
15	256QAM	36	0	18.82	18.75	18.76	18.85	20	5
15	256QAM	36	20	18.84	18.88	18.81	18.92		
15	256QAM	36	39	18.87	18.86	18.82	18.84		
15	256QAM	75	0	18.92	18.78	18.81	18.85		
Channel				55295	55615	56165	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3545	3612.5	3843.5	3905		
10	QPSK	1	0	23.85	24.04	23.81	23.98	25	0
10	QPSK	1	25	23.85	23.91	23.82	23.93		
10	QPSK	1	49	23.78	23.97	23.69	23.81		
10	QPSK	25	0	22.94	23.08	22.84	23.03	24	1
10	QPSK	25	12	22.88	23.07	22.85	23.05		
10	QPSK	25	25	22.96	23.02	22.85	22.98		
10	QPSK	50	0	22.93	23.03	22.79	22.88		
10	16QAM	1	0	22.81	23.14	22.83	22.83	24	1
10	16QAM	1	25	22.93	23.16	22.91	22.83		
10	16QAM	1	49	22.91	23.04	22.88	22.93		
10	16QAM	25	0	21.95	22.14	21.83	21.99	23	2
10	16QAM	25	12	21.99	22.09	21.82	21.9		
10	16QAM	25	25	21.99	21.87	21.96	22.01		
10	16QAM	50	0	21.97	22.09	21.83	21.85		
10	64QAM	1	0	21.84	22.03	21.66	21.77	23	2
10	64QAM	1	25	21.88	22.09	21.75	21.83		
10	64QAM	1	49	21.84	22.05	21.75	21.78		
10	64QAM	25	0	20.99	21.06	20.8	20.94	22	3
10	64QAM	25	12	21	21.05	20.82	20.94		
10	64QAM	25	25	20.92	21.06	20.87	21.02		
10	64QAM	50	0	20.92	21.11	20.79	20.9		
10	256QAM	1	0	18.85	18.91	18.83	18.81	20	5
10	256QAM	1	25	18.79	18.89	18.86	18.81		
10	256QAM	1	49	18.84	18.79	18.82	18.88		
10	256QAM	25	0	18.75	18.83	18.83	18.85	20	5
10	256QAM	25	12	18.92	18.84	18.88	18.82		
10	256QAM	25	25	18.94	18.88	18.88	18.84		
10	256QAM	50	0	18.93	18.86	18.82	18.76		
Channel				55285	55605	56175	56675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3607	3843	3907.5		
5	QPSK	1	0	23.89	24.03	23.8	23.98	25	0
5	QPSK	1	12	23.83	23.93	23.73	23.91		
5	QPSK	1	24	23.74	23.86	23.73	23.82		
5	QPSK	12	0	22.95	23.14	22.91	23.11	24	1
5	QPSK	12	7	22.94	23.08	22.79	22.99		
5	QPSK	12	13	22.93	23.03	22.79	22.94		
5	QPSK	25	0	22.96	23.05	22.87	22.95		
5	16QAM	1	0	22.79	23.19	22.77	22.77	24	1
5	16QAM	1	12	22.99	23.23	22.95	22.93		
5	16QAM	1	24	22.95	23.02	22.88	22.9		
5	16QAM	12	0	21.98	22.16	21.81	21.99	23	2
5	16QAM	12	7	21.98	22.03	21.85	21.87		
5	16QAM	12	13	21.97	21.86	21.87	21.98		
5	16QAM	25	0	21.88	22.07	21.84	21.85		
5	64QAM	1	0	21.84	22.08	21.7	21.72	23	2
5	64QAM	1	12	21.92	22.03	21.79	21.88		
5	64QAM	1	24	21.91	22.06	21.77	21.88		
5	64QAM	12	0	20.94	21.06	20.83	20.98	22	3
5	64QAM	12	7	21.02	21.02	20.85	20.92		
5	64QAM	12	13	20.98	21.07	20.9	21.02		
5	64QAM	25	0	20.93	21.03	20.86	20.94		
5	256QAM	1	0	18.87	18.87	18.80	18.87	20	5
5	256QAM	1	12	18.93	18.93	18.87	18.93		
5	256QAM	1	24	18.89	18.89	18.80	18.90		
5	256QAM	12	0	18.79	18.78	18.82	18.75	20	5
5	256QAM	12	7	18.88	18.94	18.93	18.82		
5	256QAM	12	13	18.91	18.79	18.82	18.93		
5	256QAM	25	0	18.83	18.90	18.86	18.84		

Reduced Power for DSI10/15

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.25	31.28	31.15	**32.00**	22.25	22.28	22.15	23.00
GPRS/EDGE(GMSK) 1 Tx slot		30.87	31.22	31.10	**32.00**	21.87	22.22	22.10	23.00
GPRS/EDGE(GMSK) 2 Tx slots		27.86	28.22	28.11	**29.00**	21.86	22.22	22.11	23.00
GPRS/EDGE(GMSK) 3 Tx slots		26.03	25.98	25.70	**27.20**	21.77	21.72	21.44	22.94
GPRS/EDGE(GMSK) 4 Tx slots		24.41	24.61	24.25	**26.00**	21.41	21.61	21.25	23.00
EDGE 1 Tx slot		25.05	25.11	24.83	**26.00**	16.05	16.11	15.83	17.00
EDGE 2 Tx slots		23.11	22.95	22.89	**23.20**	17.11	16.95	16.89	17.20
EDGE 3 Tx slots		21.80	21.61	21.59	**22.00**	17.54	17.35	17.33	17.74
EDGE 4 Tx slots		20.99	21.09	21.08	**21.50**	17.99	18.09	18.08	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	28.32	28.67	28.54	**29.00**	22.34	22.61	22.51	22.98
	GPRS 1 Tx slot	28.40	28.59	28.53	**29.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	28.33	28.53	28.58	**29.00**	22.34	22.48	22.58	22.98
	GPRS 1 Tx slot	28.40	28.47	28.62	**29.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	26.20	26.28	26.08	**27.20**	21.99	22.01	21.81	22.94
	GPRS 2 Tx slots	26.28	26.26	26.06	**27.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	28.45	28.68	28.70	**29.00**	20.44	20.60	20.58	20.98
	EDGE 1 Tx slot	22.68	22.59	22.40	**23.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	28.40	28.57	28.73	**29.00**	20.41	20.53	20.66	20.98
	EDGE 1 Tx slot	22.73	22.67	22.65	**23.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	26.21	26.27	26.10	**27.20**	19.46	19.46	19.32	20.22
	EDGE 2 Tx slots	21.59	21.50	21.42	**22.00**				

GSM1900_ANT 2		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		24.68	24.71	24.51	**25.50**	15.68	15.71	15.51	16.50
GPRS/EDGE(GMSK) 1 Tx slot		24.91	24.69	24.54	**25.50**	15.91	15.69	15.54	16.50
GPRS/EDGE(GMSK) 2 Tx slots		21.58	21.42	21.20	**22.50**	15.58	15.42	15.20	16.50
GPRS/EDGE(GMSK) 3 Tx slots		19.83	19.67	19.45	**20.70**	15.57	15.41	15.19	16.44
GPRS/EDGE(GMSK) 4 Tx slots		18.45	18.65	18.17	**19.50**	15.45	15.65	15.17	16.50
EDGE 1 Tx slot		20.58	20.44	20.52	**21.00**	11.58	11.44	11.52	12.00
EDGE 2 Tx slots		17.95	17.96	17.99	**19.70**	11.95	11.96	11.99	13.70
EDGE 3 Tx slots		15.99	15.84	15.68	**17.50**	11.73	11.58	11.42	13.24
EDGE 4 Tx slots		14.77	14.65	14.74	**16.50**	11.77	11.65	11.74	13.50
DTM Multi-slot class 5	GSM 1 Tx slot	21.86	21.71	21.48	**22.50**	15.80	15.75	15.54	16.48
	GPRS 1 Tx slot	21.79	21.83	21.63	**22.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.90	21.65	21.62	**22.50**	15.84	15.71	15.53	16.48
	GPRS 1 Tx slot	21.83	21.81	21.49	**22.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.48	20.02	20.15	**20.70**	16.08	15.77	15.73	16.44
	GPRS 2 Tx slots	20.27	20.03	19.91	**20.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	21.92	21.81	21.50	**22.50**	14.26	14.22	13.96	15.30
	EDGE 1 Tx slot	17.63	17.77	17.62	**19.70**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.91	21.89	21.79	**22.50**	14.28	14.29	14.18	15.30
	EDGE 1 Tx slot	17.72	17.79	17.65	**19.70**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.32	19.91	19.92	**20.70**	13.46	13.28	13.31	14.59
	EDGE 2 Tx slots	15.44	15.57	15.63	**17.50**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.87	14.92	14.91	**15.50**	15.28	15.48	15.26	**16.00**	19.93	20.03	19.91	**21.00**
3GPP Rel 99	RMC 12.2Kbps	14.89	14.96	14.90	**15.50**	15.38	15.58	15.45	**16.00**	20.06	20.11	19.96	**21.00**
3GPP Rel 6	HSDPA Subtest-1	14.01	14.03	14.04	**14.50**	14.68	14.60	14.53	**15.00**	19.10	19.04	19.08	**20.00**
3GPP Rel 6	HSDPA Subtest-2	14.07	14.14	14.14	**14.50**	14.71	14.77	14.49	**15.00**	18.92	19.00	18.77	**20.00**
3GPP Rel 6	HSDPA Subtest-3	13.43	13.66	13.46	**14.00**	14.16	14.28	14.14	**14.50**	18.40	18.44	18.41	**19.50**
3GPP Rel 6	HSDPA Subtest-4	13.59	13.51	13.59	**14.00**	14.03	14.30	14.01	**14.50**	18.35	18.47	18.37	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-1	13.87	13.93	13.87	**14.50**	14.46	14.61	14.55	**15.00**	18.93	18.79	18.69	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-2	13.91	13.91	13.96	**14.50**	14.43	14.64	14.54	**15.00**	18.75	18.78	18.84	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-3	13.46	13.42	13.33	**14.00**	13.93	14.13	13.91	**14.50**	18.34	18.35	18.25	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-4	13.42	13.55	13.35	**14.00**	14.07	14.06	14.10	**14.50**	18.20	18.24	18.18	**19.50**
3GPP Rel 6	HSUPA Subtest-1	14.03	14.15	14.11	**14.50**	14.71	14.65	14.59	**15.00**	18.80	19.00	18.93	**20.00**
3GPP Rel 6	HSUPA Subtest-2	12.01	12.08	12.17	**12.50**	10.64	10.80	10.60	**11.00**	16.87	16.95	16.71	**18.00**
3GPP Rel 6	HSUPA Subtest-3	12.95	13.09	13.12	**13.50**	11.68	11.79	11.61	**12.00**	17.84	17.88	17.73	**19.00**
3GPP Rel 6	HSUPA Subtest-4	12.01	12.12	12.06	**12.50**	10.71	10.81	10.53	**11.00**	16.87	16.93	16.82	**18.00**
3GPP Rel 6	HSUPA Subtest-5	14.13	14.06	14.07	**14.50**	14.72	14.68	14.50	**15.00**	18.99	18.65	18.87	**20.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-3	10.55	10.71	10.46	**11.50**	11.32	11.34	11.14	**12.00**	16.14	16.24	16.15	**18.00**

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.97	15.02	14.95	16	0
20	QPSK	1	49	14.94	14.97	14.91		
20	QPSK	1	99	14.81	14.86	14.77		
20	QPSK	50	0	14.76	14.81	14.78	16	0
20	QPSK	50	24	14.75	14.79	14.71		
20	QPSK	50	50	14.7	14.75	14.8		
20	QPSK	100	0	14.71	14.74	14.66		
20	16QAM	1	0	14.88	14.92	14.81	16	0
20	16QAM	1	49	14.93	14.94	14.64		
20	16QAM	1	99	14.78	14.83	14.81		
20	16QAM	50	0	14.71	14.75	14.79	16	0
20	16QAM	50	24	14.77	14.74	14.82		
20	16QAM	50	50	14.79	14.79	14.78		
20	16QAM	100	0	14.8	14.84	14.79		
20	64QAM	1	0	14.81	14.92	15	16	0
20	64QAM	1	49	14.8	14.89	14.82		
20	64QAM	1	99	14.64	14.79	14.78		
20	64QAM	50	0	14.62	14.78	14.69	16	0
20	64QAM	50	24	14.68	14.65	14.68		
20	64QAM	50	50	14.55	14.8	14.67		
20	64QAM	100	0	14.63	14.61	14.7		
20	256QAM	1	0	14.83	14.94	14.93	16	0
20	256QAM	1	49	14.81	14.93	14.80		
20	256QAM	1	99	14.88	15.01	14.88		
20	256QAM	50	0	14.82	14.91	14.87	16	0
20	256QAM	50	24	14.82	14.90	14.80		
20	256QAM	50	50	14.82	14.94	14.87		
20	256QAM	100	0	14.84	14.97	14.95		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.89	14.98	14.92	16	0
15	QPSK	1	37	14.9	14.9	14.92		
15	QPSK	1	74	14.77	14.83	14.85		
15	QPSK	36	0	14.69	14.8	14.76	16	0
15	QPSK	36	20	14.77	14.76	14.74		
15	QPSK	36	39	14.66	14.74	14.68		
15	QPSK	75	0	14.68	14.71	14.61		
15	16QAM	1	0	14.88	14.81	14.9	16	0
15	16QAM	1	37	14.84	14.87	14.89		
15	16QAM	1	74	14.79	14.81	14.77		
15	16QAM	36	0	14.65	14.71	14.65	16	0
15	16QAM	36	20	14.71	14.68	14.61		
15	16QAM	36	39	14.68	14.77	14.71		
15	16QAM	75	0	14.77	14.77	14.74		
15	64QAM	1	0	14.89	14.88	14.9	16	0
15	64QAM	1	37	14.8	14.76	14.74		
15	64QAM	1	74	14.67	14.69	14.69		
15	64QAM	36	0	14.74	14.75	14.71	16	0
15	64QAM	36	20	14.55	14.6	14.57		
15	64QAM	36	39	14.74	14.7	14.75		
15	64QAM	75	0	14.54	14.59	14.51		
15	256QAM	1	0	14.82	14.79	14.78	16	0
15	256QAM	1	37	14.90	14.78	14.80		
15	256QAM	1	74	14.81	14.88	14.99		
15	256QAM	36	0	14.83	14.90	14.83	16	0
15	256QAM	36	20	14.87	14.84	14.88		
15	256QAM	36	39	14.88	14.88	14.82		
15	256QAM	75	0	14.84	14.87	14.78		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.94	15	14.95	16	0
10	QPSK	1	25	14.86	14.93	14.95		
10	QPSK	1	49	14.73	14.79	14.85		
10	QPSK	25	0	14.8	14.78	14.73	16	0
10	QPSK	25	12	14.71	14.67	14.66		
10	QPSK	25	25	14.65	14.66	14.63		
10	QPSK	50	0	14.66	14.7	14.63		
10	16QAM	1	0	14.9	14.79	14.86	16	0
10	16QAM	1	25	14.93	14.9	14.81		
10	16QAM	1	49	14.71	14.8	14.82		
10	16QAM	25	0	14.66	14.71	14.63	16	0
10	16QAM	25	12	14.73	14.7	14.69		
10	16QAM	25	25	14.66	14.76	14.77		
10	16QAM	50	0	14.78	14.74	14.82		
10	64QAM	1	0	14.84	14.84	14.89	16	0
10	64QAM	1	25	14.74	14.77	14.84		
10	64QAM	1	49	14.71	14.74	14.75		
10	64QAM	25	0	14.68	14.74	14.74	16	0
10	64QAM	25	12	14.6	14.64	14.57		
10	64QAM	25	25	14.77	14.76	14.76		
10	64QAM	50	0	14.51	14.6	14.58		
10	256QAM	1	0	14.91	14.85	14.83	16	0
10	256QAM	1	25	14.92	14.88	14.85		
10	256QAM	1	49	14.99	14.93	14.94		
10	256QAM	25	0	14.84	14.86	14.80	16	0
10	256QAM	25	12	14.84	14.85	14.73		
10	256QAM	25	25	14.75	14.89	14.77		
10	256QAM	50	0	14.79	14.85	14.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.96	14.96	14.99	16	0
5	QPSK	1	12	14.96	14.88	14.95		
5	QPSK	1	24	14.82	14.84	14.79		
5	QPSK	12	0	14.74	14.71	14.73	16	0
5	QPSK	12	7	14.72	14.66	14.68		
5	QPSK	12	13	14.68	14.73	14.73		
5	QPSK	25	0	14.64	14.62	14.65		
5	16QAM	1	0	14.85	14.9	14.83	16	0
5	16QAM	1	12	14.88	14.88	14.92		
5	16QAM	1	24	14.76	14.75	14.77		
5	16QAM	12	0	14.66	14.73	14.64	16	0
5	16QAM	12	7	14.73	14.73	14.7		
5	16QAM	12	13	14.76	14.7	14.72		
5	16QAM	25	0	14.71	14.79	14.77		
5	64QAM	1	0	14.88	14.77	14.84	16	0
5	64QAM	1	12	14.79	14.76	14.85		
5	64QAM	1	24	14.73	14.69	14.77		
5	64QAM	12	0	14.76	14.72	14.76	16	0
5	64QAM	12	7	14.63	14.58	14.62		
5	64QAM	12	13	14.78	14.73	14.74		
5	64QAM	25	0	14.59	14.54	14.55		
5	256QAM	1	0	14.87	14.93	14.82	16	0
5	256QAM	1	12	14.80	14.91	14.73		
5	256QAM	1	24	15.00	15.00	14.92		
5	256QAM	12	0	14.88	14.85	14.79	16	0
5	256QAM	12	7	14.75	14.81	14.79		
5	256QAM	12	13	14.80	14.87	14.82		
5	256QAM	25	0	14.83	14.90	14.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.89	14.92	14.97	16	0
3	QPSK	1	8	14.9	14.93	14.86		
3	QPSK	1	14	14.74	14.75	14.73		
3	QPSK	8	0	14.71	14.75	14.8	16	0
3	QPSK	8	4	14.73	14.75	14.78		
3	QPSK	8	7	14.68	14.63	14.62		
3	QPSK	15	0	14.72	14.64	14.7		
3	16QAM	1	0	14.86	14.8	14.8	16	0
3	16QAM	1	8	14.9	14.81	14.93		
3	16QAM	1	14	14.79	14.77	14.8		
3	16QAM	8	0	14.63	14.69	14.67	16	0
3	16QAM	8	4	14.64	14.66	14.64		
3	16QAM	8	7	14.72	14.72	14.68		
3	16QAM	15	0	14.82	14.81	14.79		
3	64QAM	1	0	14.9	14.91	14.91	16	0
3	64QAM	1	8	14.84	14.79	14.79		
3	64QAM	1	14	14.68	14.67	14.64		
3	64QAM	8	0	14.71	14.74	14.73	16	0
3	64QAM	8	4	14.6	14.59	14.62		
3	64QAM	8	7	14.72	14.79	14.71		
3	64QAM	15	0	14.58	14.6	14.6		
3	256QAM	1	0	14.75	14.75	14.84	16	0
3	256QAM	1	8	14.85	14.76	14.79		
3	256QAM	1	14	14.96	14.88	14.87		
3	256QAM	8	0	14.87	14.84	14.74	16	0
3	256QAM	8	4	14.75	14.81	14.74		
3	256QAM	8	7	14.90	14.84	14.75		
3	256QAM	15	0	14.87	14.88	14.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.93	15	14.92	16	0
1.4	QPSK	1	3	14.96	14.84	14.87		
1.4	QPSK	1	5	14.84	14.79	14.74		
1.4	QPSK	3	0	14.72	14.77	14.73		
1.4	QPSK	3	1	14.77	14.73	14.76		
1.4	QPSK	3	3	14.7	14.67	14.66		
1.4	QPSK	6	0	14.69	14.71	14.65	16	0
1.4	16QAM	1	0	14.83	14.89	14.89	16	0
1.4	16QAM	1	3	14.93	14.92	14.89		
1.4	16QAM	1	5	14.79	14.71	14.7		
1.4	16QAM	3	0	14.66	14.64	14.73		
1.4	16QAM	3	1	14.61	14.7	14.64		
1.4	16QAM	3	3	14.67	14.71	14.76		
1.4	16QAM	6	0	14.83	14.81	14.83	16	0
1.4	64QAM	1	0	14.88	14.8	14.8	16	0
1.4	64QAM	1	3	14.75	14.88	14.82		
1.4	64QAM	1	5	14.77	14.76	14.67		
1.4	64QAM	3	0	14.76	14.73	14.7		
1.4	64QAM	3	1	14.59	14.56	14.59		
1.4	64QAM	3	3	14.73	14.77	14.73		
1.4	64QAM	6	0	14.59	14.57	14.6	16	0
1.4	256QAM	1	0	14.89	14.91	14.89	16	0
1.4	256QAM	1	3	14.90	14.78	14.86		
1.4	256QAM	1	5	14.82	14.88	14.96		
1.4	256QAM	3	0	14.85	14.77	14.81		
1.4	256QAM	3	1	14.78	14.83	14.78		
1.4	256QAM	3	3	14.76	14.83	14.79		
1.4	256QAM	6	0	14.89	14.83	14.86	16	0

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.91	15.97	15.86	17	0
20	QPSK	1	49	15.77	15.78	15.74		
20	QPSK	1	99	15.73	15.91	15.93		
20	QPSK	50	0	15.73	15.88	15.64	17	0
20	QPSK	50	24	15.63	15.59	15.6		
20	QPSK	50	50	15.72	15.76	15.64		
20	QPSK	100	0	15.71	15.74	15.7		
20	16QAM	1	0	15.62	15.72	15.94	17	0
20	16QAM	1	49	15.58	15.95	15.8		
20	16QAM	1	99	15.68	15.71	15.64		
20	16QAM	50	0	15.52	15.5	15.63	17	0
20	16QAM	50	24	15.53	15.49	15.49		
20	16QAM	50	50	15.49	15.53	15.58		
20	16QAM	100	0	15.48	15.6	15.51		
20	64QAM	1	0	15.65	15.76	15.63	17	0
20	64QAM	1	49	15.62	15.5	15.56		
20	64QAM	1	99	15.7	15.67	15.63		
20	64QAM	50	0	15.62	15.84	15.56	17	0
20	64QAM	50	24	15.58	15.49	15.48		
20	64QAM	50	50	15.63	15.69	15.55		
20	64QAM	100	0	15.66	15.79	15.53		
20	256QAM	1	0	15.86	15.90	15.87	17	0
20	256QAM	1	49	15.84	15.88	15.87		
20	256QAM	1	99	15.86	15.88	15.80		
20	256QAM	50	0	15.88	15.92	15.83	17	0
20	256QAM	50	24	15.88	15.89	15.78		
20	256QAM	50	50	15.72	15.85	15.81		
20	256QAM	100	0	15.87	15.90	15.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.92	15.92	15.94	17	0
15	QPSK	1	37	15.72	15.73	15.7		
15	QPSK	1	74	15.79	15.78	15.8		
15	QPSK	36	0	15.86	15.86	15.8	17	0
15	QPSK	36	20	15.53	15.52	15.56		
15	QPSK	36	39	15.74	15.63	15.71		
15	QPSK	75	0	15.69	15.7	15.71		
15	16QAM	1	0	15.71	15.69	15.65	17	0
15	16QAM	1	37	15.9	15.91	15.88		
15	16QAM	1	74	15.62	15.61	15.67		
15	16QAM	36	0	15.48	15.41	15.38	17	0
15	16QAM	36	20	15.41	15.44	15.39		
15	16QAM	36	39	15.45	15.52	15.5		
15	16QAM	75	0	15.47	15.49	15.57		
15	64QAM	1	0	15.75	15.71	15.61	17	0
15	64QAM	1	37	15.39	15.42	15.4		
15	64QAM	1	74	15.57	15.65	15.61		
15	64QAM	36	0	15.8	15.74	15.76	17	0
15	64QAM	36	20	15.44	15.44	15.44		
15	64QAM	36	39	15.59	15.65	15.63		
15	64QAM	75	0	15.78	15.76	15.73		
15	256QAM	1	0	15.89	15.70	15.73	17	0
15	256QAM	1	37	15.73	15.68	15.68		
15	256QAM	1	74	15.77	15.86	15.87		
15	256QAM	36	0	15.90	15.78	15.83	17	0
15	256QAM	36	20	15.82	15.82	15.87		
15	256QAM	36	39	15.80	15.67	15.73		
15	256QAM	75	0	15.76	15.84	15.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.94	15.96	15.94	17	0
10	QPSK	1	25	15.71	15.77	15.65		
10	QPSK	1	49	15.88	15.9	15.87		
10	QPSK	25	0	15.79	15.86	15.84	17	0
10	QPSK	25	12	15.52	15.5	15.49		
10	QPSK	25	25	15.66	15.71	15.66		
10	QPSK	50	0	15.73	15.69	15.64		
10	16QAM	1	0	15.64	15.59	15.7	17	0
10	16QAM	1	25	15.92	15.86	15.83		
10	16QAM	1	49	15.68	15.64	15.65		
10	16QAM	25	0	15.47	15.4	15.44	17	0
10	16QAM	25	12	15.44	15.38	15.4		
10	16QAM	25	25	15.43	15.49	15.45		
10	16QAM	50	0	15.58	15.57	15.59		
10	64QAM	1	0	15.71	15.64	15.69	17	0
10	64QAM	1	25	15.43	15.39	15.42		
10	64QAM	1	49	15.64	15.64	15.58		
10	64QAM	25	0	15.81	15.83	15.74	17	0
10	64QAM	25	12	15.48	15.41	15.47		
10	64QAM	25	25	15.62	15.67	15.59		
10	64QAM	50	0	15.74	15.69	15.77		
10	256QAM	1	0	15.81	15.76	15.80	17	0
10	256QAM	1	25	15.69	15.70	15.70		
10	256QAM	1	49	15.80	15.70	15.84		
10	256QAM	25	0	15.83	15.72	15.83	17	0
10	256QAM	25	12	15.69	15.84	15.74		
10	256QAM	25	25	15.75	15.76	15.73		
10	256QAM	50	0	15.76	15.82	15.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.95	15.95	15.87	17	0
5	QPSK	1	12	15.74	15.74	15.7		
5	QPSK	1	24	15.88	15.89	15.9		
5	QPSK	12	0	15.77	15.77	15.79	17	0
5	QPSK	12	7	15.52	15.57	15.46		
5	QPSK	12	13	15.73	15.65	15.72		
5	QPSK	25	0	15.61	15.71	15.71		
5	16QAM	1	0	15.62	15.59	15.71	17	0
5	16QAM	1	12	15.93	15.89	15.83		
5	16QAM	1	24	15.66	15.69	15.67		
5	16QAM	12	0	15.47	15.42	15.39	17	0
5	16QAM	12	7	15.46	15.41	15.48		
5	16QAM	12	13	15.5	15.41	15.47		
5	16QAM	25	0	15.55	15.56	15.49		
5	64QAM	1	0	15.63	15.66	15.73	17	0
5	64QAM	1	12	15.37	15.43	15.43		
5	64QAM	1	24	15.65	15.52	15.64		
5	64QAM	12	0	15.81	15.77	15.76	17	0
5	64QAM	12	7	15.43	15.46	15.46		
5	64QAM	12	13	15.59	15.63	15.68		
5	64QAM	25	0	15.76	15.73	15.74		
5	256QAM	1	0	15.81	15.81	15.86	17	0
5	256QAM	1	12	15.68	15.75	15.80		
5	256QAM	1	24	15.80	15.87	15.82		
5	256QAM	12	0	15.89	15.84	15.86	17	0
5	256QAM	12	7	15.77	15.76	15.77		
5	256QAM	12	13	15.68	15.72	15.82		
5	256QAM	25	0	15.88	15.72	15.87		
Channel				19962.47	20172.47	20382.47	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.27	1732.27	1753.27		
3	QPSK	1	0	15.88	15.87	15.91	17	0
3	QPSK	1	8	15.66	15.66	15.65		
3	QPSK	1	14	15.84	15.84	15.8		
3	QPSK	8	0	15.78	15.84	15.82	17	0
3	QPSK	8	4	15.47	15.5	15.55		
3	QPSK	8	7	15.75	15.67	15.72		
3	QPSK	15	0	15.65	15.61	15.71		
3	16QAM	1	0	15.59	15.64	15.66	17	0
3	16QAM	1	8	15.88	15.93	15.94		
3	16QAM	1	14	15.59	15.69	15.68		
3	16QAM	8	0	15.41	15.4	15.42	17	0
3	16QAM	8	4	15.47	15.38	15.38		
3	16QAM	8	7	15.48	15.51	15.44		
3	16QAM	15	0	15.48	15.51	15.53		
3	64QAM	1	0	15.66	15.71	15.74	17	0
3	64QAM	1	8	15.39	15.39	15.46		
3	64QAM	1	14	15.53	15.65	15.53		
3	64QAM	8	0	15.75	15.77	15.74	17	0
3	64QAM	8	4	15.43	15.48	15.48		
3	64QAM	8	7	15.65	15.6	15.59		
3	64QAM	15	0	15.73	15.71	15.76		
3	256QAM	1	0	15.83	15.74	15.77	17	0
3	256QAM	1	8	15.76	15.75	15.74		
3	256QAM	1	14	15.86	15.72	15.85		
3	256QAM	8	0	15.89	15.72	15.73	17	0
3	256QAM	8	4	15.80	15.71	15.69		
3	256QAM	8	7	15.81	15.79	15.68		
3	256QAM	15	0	15.73	15.85	15.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.96	15.9	15.85	17	0
1.4	QPSK	1	3	15.73	15.72	15.75		
1.4	QPSK	1	5	15.8	15.88	15.85		
1.4	QPSK	3	0	15.81	15.75	15.8		
1.4	QPSK	3	1	15.5	15.58	15.57		
1.4	QPSK	3	3	15.65	15.68	15.72		
1.4	QPSK	6	0	15.69	15.65	15.68	17	0
1.4	16QAM	1	0	15.64	15.59	15.71	17	0
1.4	16QAM	1	3	15.82	15.82	15.86		
1.4	16QAM	1	5	15.61	15.6	15.64		
1.4	16QAM	3	0	15.48	15.4	15.47		
1.4	16QAM	3	1	15.44	15.44	15.46		
1.4	16QAM	3	3	15.45	15.47	15.45		
1.4	16QAM	6	0	15.58	15.48	15.54	17	0
1.4	64QAM	1	0	15.75	15.72	15.61	17	0
1.4	64QAM	1	3	15.38	15.49	15.36		
1.4	64QAM	1	5	15.65	15.59	15.6		
1.4	64QAM	3	0	15.83	15.83	15.81		
1.4	64QAM	3	1	15.48	15.43	15.43		
1.4	64QAM	3	3	15.63	15.62	15.66		
1.4	64QAM	6	0	15.76	15.73	15.71	17	0
1.4	256QAM	1	0	15.75	15.86	15.79	17	0
1.4	256QAM	1	3	15.79	15.72	15.70		
1.4	256QAM	1	5	15.75	15.80	15.69		
1.4	256QAM	3	0	15.75	15.85	15.77		
1.4	256QAM	3	1	15.87	15.72	15.84		
1.4	256QAM	3	3	15.76	15.79	15.76		
1.4	256QAM	6	0	15.88	15.80	15.82	17	0

0.23

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	0
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	21.95	22.06	21.95		
1.4	64QAM	3	3	21.84	21.94	21.9		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 4_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.08	21.15	21.02	22	0
20	QPSK	1	49	20.92	20.99	20.92		
20	QPSK	1	99	20.86	20.91	20.86		
20	QPSK	50	0	20.76	20.85	20.72	22	0
20	QPSK	50	24	20.74	20.83	20.69		
20	QPSK	50	50	20.65	20.73	20.62		
20	QPSK	100	0	20.6	20.76	20.62		
20	16QAM	1	0	20.74	20.85	20.69	22	0
20	16QAM	1	49	20.69	20.74	20.66		
20	16QAM	1	99	20.62	20.75	20.68		
20	16QAM	50	0	20.69	20.82	20.75	22	0
20	16QAM	50	24	20.74	20.85	20.77		
20	16QAM	50	50	20.66	20.76	20.7		
20	16QAM	100	0	20.59	20.75	20.7		
20	64QAM	1	0	20.85	20.97	20.91	22	0
20	64QAM	1	49	20.86	20.93	20.84		
20	64QAM	1	99	20.81	20.86	20.81		
20	64QAM	50	0	20.16	20.21	20.13	22	0
20	64QAM	50	24	20.15	20.22	20.09		
20	64QAM	50	50	20.07	20.16	20.03		
20	64QAM	100	0	20.07	20.21	20.05		
20	256QAM	1	0	18.14	18.23	18.13	19	3
20	256QAM	1	49	18.17	18.33	18.21		
20	256QAM	1	99	18.18	18.32	18.19		
20	256QAM	50	0	18.17	18.25	18.19	19	3
20	256QAM	50	24	18.19	18.28	18.23		
20	256QAM	50	50	18.17	18.27	18.14		
20	256QAM	100	0	18.21	18.26	18.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21	21.03	20.96	22	0
15	QPSK	1	37	20.85	20.86	20.85		
15	QPSK	1	74	20.7	20.76	20.7		
15	QPSK	36	0	20.7	20.79	20.58	22	0
15	QPSK	36	20	20.69	20.73	20.54		
15	QPSK	36	39	20.59	20.67	20.49		
15	QPSK	75	0	20.52	20.69	20.55		
15	16QAM	1	0	20.58	20.75	20.57	22	0
15	16QAM	1	37	20.59	20.68	20.6		
15	16QAM	1	74	20.48	20.6	20.58		
15	16QAM	36	0	20.6	20.71	20.67	22	0
15	16QAM	36	20	20.65	20.73	20.68		
15	16QAM	36	39	20.56	20.69	20.65		
15	16QAM	75	0	20.51	20.6	20.65		
15	64QAM	1	0	20.73	20.85	20.78	22	0
15	64QAM	1	37	20.75	20.83	20.77		
15	64QAM	1	74	20.73	20.77	20.67		
15	64QAM	36	0	20.03	20.1	20.02	22	0
15	64QAM	36	20	20.08	20.11	20.02		
15	64QAM	36	39	19.99	20.04	19.98		
15	64QAM	75	0	19.92	20.05	19.89		
15	256QAM	1	0	18.03	18.14	18.05	19	3
15	256QAM	1	37	18.09	18.17	18.11		
15	256QAM	1	74	18.08	18.16	18.08		
15	256QAM	36	0	18.08	18.20	18.07	19	3
15	256QAM	36	20	18.05	18.22	18.16		
15	256QAM	36	39	18.04	18.15	18.02		
15	256QAM	75	0	18.08	18.11	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.99	21.01	20.9	22	0
10	QPSK	1	25	20.86	20.84	20.8		
10	QPSK	1	49	20.76	20.83	20.7		
10	QPSK	25	0	20.67	20.7	20.66	22	0
10	QPSK	25	12	20.67	20.72	20.57		
10	QPSK	25	25	20.49	20.68	20.57		
10	QPSK	50	0	20.54	20.62	20.55		
10	16QAM	1	0	20.65	20.72	20.53	22	0
10	16QAM	1	25	20.62	20.65	20.57		
10	16QAM	1	49	20.46	20.69	20.52		
10	16QAM	25	0	20.56	20.72	20.69	22	0
10	16QAM	25	12	20.63	20.69	20.67		
10	16QAM	25	25	20.61	20.71	20.54		
10	16QAM	50	0	20.51	20.66	20.65		
10	64QAM	1	0	20.76	20.92	20.76	22	0
10	64QAM	1	25	20.73	20.88	20.76		
10	64QAM	1	49	20.66	20.71	20.74		
10	64QAM	25	0	20.06	20.14	20.08	22	0
10	64QAM	25	12	20.03	20.06	19.93		
10	64QAM	25	25	19.96	20.1	19.96		
10	64QAM	50	0	19.94	20.15	19.89		
10	256QAM	1	0	18.05	18.14	18.08	19	3
10	256QAM	1	25	18.02	18.26	18.07		
10	256QAM	1	49	18.12	18.27	18.08		
10	256QAM	25	0	18.12	18.16	18.11	19	3
10	256QAM	25	12	18.11	18.23	18.12		
10	256QAM	25	25	18.06	18.11	18.05		
10	256QAM	50	0	18.12	18.20	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.03	20.95	22	0
5	QPSK	1	12	20.83	20.94	20.85		
5	QPSK	1	24	20.81	20.86	20.76		
5	QPSK	12	0	20.69	20.77	20.61	22	0
5	QPSK	12	7	20.61	20.78	20.58		
5	QPSK	12	13	20.58	20.62	20.48		
5	QPSK	25	0	20.55	20.63	20.47		
5	16QAM	1	0	20.63	20.75	20.61	22	0
5	16QAM	1	12	20.57	20.63	20.57		
5	16QAM	1	24	20.56	20.7	20.58		
5	16QAM	12	0	20.59	20.67	20.69	22	0
5	16QAM	12	7	20.62	20.79	20.62		
5	16QAM	12	13	20.6	20.67	20.56		
5	16QAM	25	0	20.52	20.61	20.57		
5	64QAM	1	0	20.73	20.85	20.82	22	0
5	64QAM	1	12	20.76	20.88	20.75		
5	64QAM	1	24	20.73	20.8	20.75		
5	64QAM	12	0	20.03	20.15	20.02	22	0
5	64QAM	12	7	20.1	20.1	19.94		
5	64QAM	12	13	19.97	20.07	19.93		
5	64QAM	25	0	19.98	20.11	19.94		
5	256QAM	1	0	18.06	18.09	18.15	19	3
5	256QAM	1	12	18.09	18.23	18.10		
5	256QAM	1	24	18.07	18.18	18.11		
5	256QAM	12	0	18.09	18.18	18.09	19	3
5	256QAM	12	7	18.12	18.18	18.13		
5	256QAM	12	13	18.07	18.21	18.02		
5	256QAM	25	0	18.14	18.14	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.02	20.87	22	0
3	QPSK	1	8	20.83	20.93	20.87		
3	QPSK	1	14	20.8	20.81	20.76		
3	QPSK	8	0	20.7	20.76	20.61	22	0
3	QPSK	8	4	20.64	20.76	20.54		
3	QPSK	8	7	20.49	20.67	20.51		
3	QPSK	15	0	20.54	20.61	20.51		
3	16QAM	1	0	20.69	20.79	20.59	22	0
3	16QAM	1	8	20.61	20.6	20.6		
3	16QAM	1	14	20.5	20.59	20.56		
3	16QAM	8	0	20.62	20.69	20.63	22	0
3	16QAM	8	4	20.67	20.8	20.67		
3	16QAM	8	7	20.6	20.65	20.56		
3	16QAM	15	0	20.52	20.68	20.6		
3	64QAM	1	0	20.73	20.82	20.8	22	0
3	64QAM	1	8	20.78	20.78	20.71		
3	64QAM	1	14	20.7	20.7	20.66		
3	64QAM	8	0	20.09	20.07	20.07	22	0
3	64QAM	8	4	20.04	20.09	19.95		
3	64QAM	8	7	19.95	20.05	19.94		
3	64QAM	15	0	19.92	20.05	19.89		
3	256QAM	1	0	18.01	18.07	18.05	19	3
3	256QAM	1	8	18.03	18.25	18.13		
3	256QAM	1	14	18.03	18.18	18.14		
3	256QAM	8	0	18.09	18.10	18.12	19	3
3	256QAM	8	4	18.05	18.15	18.12		
3	256QAM	8	7	18.06	18.21	18.18		
3	256QAM	15	0	18.13	18.19	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.92	21.09	20.96	22	0
1.4	QPSK	1	3	20.79	20.93	20.87		
1.4	QPSK	1	5	20.78	20.84	20.74		
1.4	QPSK	3	0	20.64	20.76	20.65		
1.4	QPSK	3	1	20.64	20.76	20.74		
1.4	QPSK	3	3	20.83	20.88	20.83		
1.4	QPSK	6	0	20.75	20.98	20.84	22	0
1.4	16QAM	1	0	20.8	20.9	20.84	22	0
1.4	16QAM	1	3	20.73	20.86	20.76		
1.4	16QAM	1	5	20.75	20.8	20.82		
1.4	16QAM	3	0	20.77	20.91	20.87		
1.4	16QAM	3	1	20.81	20.96	20.89		
1.4	16QAM	3	3	20.72	20.91	20.78		
1.4	16QAM	6	0	20.71	20.85	20.78	22	0
1.4	64QAM	1	0	20.91	21.12	21.04	22	0
1.4	64QAM	1	3	20.97	21.06	20.9		
1.4	64QAM	1	5	20.9	20.91	20.92		
1.4	64QAM	3	0	20.21	20.25	20.2		
1.4	64QAM	3	1	20.3	20.36	20.16		
1.4	64QAM	3	3	20.21	20.2	20.15		
1.4	64QAM	6	0	19.91	20.07	19.91	21	1
1.4	256QAM	1	0	18.04	18.08	18.01	19	3
1.4	256QAM	1	3	18.03	18.20	18.12		
1.4	256QAM	1	5	18.06	18.25	18.11		
1.4	256QAM	3	0	18.02	18.17	18.11		
1.4	256QAM	3	1	18.13	18.19	18.15		
1.4	256QAM	3	3	18.05	18.15	18.08		
1.4	256QAM	6	0	18.16	18.14	18.07	19	3

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.82	20.92	20.87	22.5	0
10	QPSK	1	25	20.81	20.91	20.84		
10	QPSK	1	49	20.72	20.87	20.86		
10	QPSK	25	0	20.77	20.89	20.76	22.5	0
10	QPSK	25	12	20.73	20.87	20.79		
10	QPSK	25	25	20.77	20.8	20.8		
10	QPSK	50	0	20.7	20.88	20.75		
10	16QAM	1	0	20.8	20.84	20.76	22.5	0
10	16QAM	1	25	20.78	20.82	20.76		
10	16QAM	1	49	20.69	20.81	20.75		
10	16QAM	25	0	20.76	20.78	20.67	22.5	0
10	16QAM	25	12	20.71	20.75	20.74		
10	16QAM	25	25	20.65	20.74	20.79		
10	16QAM	50	0	20.61	20.76	20.72		
10	64QAM	1	0	20.8	20.86	20.76	22.5	0
10	64QAM	1	25	20.77	20.81	20.76		
10	64QAM	1	49	20.65	20.84	20.82		
10	64QAM	25	0	20.23	20.28	20.18	22	0.5
10	64QAM	25	12	20.22	20.31	20.28		
10	64QAM	25	25	20.21	20.27	20.23		
10	64QAM	50	0	20.12	20.29	20.18		
10	256QAM	1	0	18.27	18.32	18.24	20	2.5
10	256QAM	1	25	18.26	18.30	18.22		
10	256QAM	1	49	18.36	18.41	18.39		
10	256QAM	25	0	18.25	18.32	18.28	20	2.5
10	256QAM	25	12	18.26	18.34	18.21		
10	256QAM	25	25	18.26	18.34	18.32		
10	256QAM	50	0	18.25	18.35	18.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.83	20.87	20.88	22.5	0
5	QPSK	1	12	20.82	20.79	20.85		
5	QPSK	1	24	20.84	20.86	20.85		
5	QPSK	12	0	20.88	20.79	20.88	22.5	0
5	QPSK	12	7	20.81	20.78	20.74		
5	QPSK	12	13	20.68	20.73	20.79		
5	QPSK	25	0	20.81	20.76	20.87		
5	16QAM	1	0	20.8	20.81	20.82	22.5	0
5	16QAM	1	12	20.79	20.7	20.69		
5	16QAM	1	24	20.73	20.78	20.75		
5	16QAM	12	0	20.75	20.7	20.73	22.5	0
5	16QAM	12	7	20.62	20.64	20.71		
5	16QAM	12	13	20.7	20.69	20.66		
5	16QAM	25	0	20.64	20.69	20.65		
5	64QAM	1	0	20.71	20.71	20.73	22.5	0
5	64QAM	1	12	20.78	20.79	20.73		
5	64QAM	1	24	20.79	20.79	20.7		
5	64QAM	12	0	20.22	20.25	20.19	22	0.5
5	64QAM	12	7	20.28	20.23	20.29		
5	64QAM	12	13	20.22	20.26	20.23		
5	64QAM	25	0	20.19	20.27	20.25		
5	256QAM	1	0	18.12	18.28	18.14	20	2.5
5	256QAM	1	12	18.16	18.13	18.23		
5	256QAM	1	24	18.31	18.35	18.21		
5	256QAM	12	0	18.23	18.18	18.29	20	2.5
5	256QAM	12	7	18.30	18.16	18.22		
5	256QAM	12	13	18.24	18.26	18.25		
5	256QAM	25	0	18.34	18.17	18.22		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.74	20.86	20.84	22.5	0
3	QPSK	1	8	20.66	20.72	20.7		
3	QPSK	1	14	20.81	20.83	20.81		
3	QPSK	8	0	20.74	20.69	20.71	22.5	0
3	QPSK	8	4	20.76	20.73	20.66		
3	QPSK	8	7	20.64	20.72	20.65		
3	QPSK	15	0	20.71	20.75	20.7		
3	16QAM	1	0	20.78	20.73	20.77	22.5	0
3	16QAM	1	8	20.59	20.69	20.61		
3	16QAM	1	14	20.74	20.65	20.76		
3	16QAM	8	0	20.64	20.69	20.69	22.5	0
3	16QAM	8	4	20.55	20.59	20.58		
3	16QAM	8	7	20.67	20.65	20.59		
3	16QAM	15	0	20.58	20.68	20.58		
3	64QAM	1	0	20.65	20.63	20.58	22.5	0
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.65	20.69	20.69		
3	64QAM	8	0	20.18	20.22	20.16	22	0.5
3	64QAM	8	4	20.15	20.21	20.16		
3	64QAM	8	7	20.2	20.19	20.19		
3	64QAM	15	0	20.26	20.23	20.26		
3	256QAM	1	0	18.08	18.09	18.22	20	2.5
3	256QAM	1	8	17.94	18.03	18.08		
3	256QAM	1	14	18.18	18.27	18.20		
3	256QAM	8	0	18.10	18.15	18.16	20	2.5
3	256QAM	8	4	18.14	18.15	18.10		
3	256QAM	8	7	18.13	18.08	18.16		
3	256QAM	15	0	18.10	17.99	18.01		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.79	20.83	20.79	22.5	0
1.4	QPSK	1	3	20.77	20.75	20.72		
1.4	QPSK	1	5	20.76	20.81	20.85		
1.4	QPSK	3	0	20.7	20.77	20.71		
1.4	QPSK	3	1	20.75	20.71	20.72		
1.4	QPSK	3	3	20.62	20.66	20.67		
1.4	QPSK	6	0	20.66	20.66	20.63	22.5	0
1.4	16QAM	1	0	20.7	20.73	20.79	22.5	0
1.4	16QAM	1	3	20.61	20.66	20.58		
1.4	16QAM	1	5	20.65	20.71	20.65		
1.4	16QAM	3	0	20.58	20.63	20.62		
1.4	16QAM	3	1	20.63	20.59	20.55		
1.4	16QAM	3	3	20.57	20.61	20.62		
1.4	16QAM	6	0	20.66	20.61	20.56	22.5	0
1.4	64QAM	1	0	20.61	20.57	20.57	22.5	0
1.4	64QAM	1	3	20.7	20.67	20.69		
1.4	64QAM	1	5	20.7	20.78	20.67		
1.4	64QAM	3	0	20.23	20.2	20.19		
1.4	64QAM	3	1	20.13	20.19	20.19		
1.4	64QAM	3	3	20.18	20.22	20.17		
1.4	64QAM	6	0	20.17	20.23	20.19	22	0.5
1.4	256QAM	1	0	18.15	18.15	18.17	20	2.5
1.4	256QAM	1	3	18.06	17.97	18.05		
1.4	256QAM	1	5	18.17	18.31	18.23		
1.4	256QAM	3	0	18.02	18.03	18.08		
1.4	256QAM	3	1	18.05	18.14	18.01		
1.4	256QAM	3	3	18.17	18.16	18.11		
1.4	256QAM	6	0	18.02	18.12	17.99	20	2.5

0.5

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.07	14.2	14.14	14.7	0
20	QPSK	1	49	14.03	14.13	14.09		
20	QPSK	1	99	14.01	14.07	14.06		
20	QPSK	50	0	14.03	14.11	14.07	14.7	0
20	QPSK	50	24	13.93	14.03	14.03		
20	QPSK	50	50	13.93	14.06	14.06		
20	QPSK	100	0	13.83	14.04	14		
20	16QAM	1	0	13.99	14.02	13.89	14.7	0
20	16QAM	1	49	13.79	13.94	13.94		
20	16QAM	1	99	13.88	13.88	13.83		
20	16QAM	50	0	13.69	13.89	13.83	14.7	0
20	16QAM	50	24	13.88	13.97	13.96		
20	16QAM	50	50	13.91	13.99	13.95		
20	16QAM	100	0	13.73	14	13.88		
20	64QAM	1	0	13.97	14.02	13.88	14.7	0
20	64QAM	1	49	13.77	13.87	13.86		
20	64QAM	1	99	13.82	13.9	13.94		
20	64QAM	50	0	13.65	13.9	13.8	14.7	0
20	64QAM	50	24	13.92	13.94	13.94		
20	64QAM	50	50	13.81	14.04	13.95		
20	64QAM	100	0	13.82	14.02	13.9		
20	256QAM	1	0	14.07	14.18	14.07	14.7	0
20	256QAM	1	49	14.11	14.15	14.09		
20	256QAM	1	99	14.17	14.19	14.06		
20	256QAM	50	0	14.04	14.15	14.03	14.7	0
20	256QAM	50	24	14.09	14.16	14.14		
20	256QAM	50	50	14.05	14.14	14.11		
20	256QAM	100	0	14.16	14.17	14.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.13	14.15	14.07	14.7	0
15	QPSK	1	37	14.05	14.05	14.05		
15	QPSK	1	74	14.03	14.06	14.01		
15	QPSK	36	0	14.09	14.06	13.99	14.7	0
15	QPSK	36	20	13.9	13.98	14.02		
15	QPSK	36	39	13.93	13.97	13.95		
15	QPSK	75	0	13.98	13.98	13.91		
15	16QAM	1	0	13.93	13.98	14	14.7	0
15	16QAM	1	37	13.91	13.87	13.83		
15	16QAM	1	74	13.87	13.86	13.78		
15	16QAM	36	0	13.85	13.77	13.85	14.7	0
15	16QAM	36	20	13.93	13.87	13.96		
15	16QAM	36	39	13.9	13.98	13.9		
15	16QAM	75	0	13.93	13.95	13.94		
15	64QAM	1	0	13.88	13.97	14.01	14.7	0
15	64QAM	1	37	13.79	13.75	13.78		
15	64QAM	1	74	13.83	13.82	13.8		
15	64QAM	36	0	13.88	13.88	13.88	14.7	0
15	64QAM	36	20	13.9	13.84	13.93		
15	64QAM	36	39	13.99	13.99	14.03		
15	64QAM	75	0	14.01	14	13.94		
15	256QAM	1	0	14.02	14.02	14.12	14.7	0
15	256QAM	1	37	14.14	14.09	13.95		
15	256QAM	1	74	14.17	14.17	14.11		
15	256QAM	36	0	14.11	14.00	14.09	14.7	0
15	256QAM	36	20	14.06	14.13	13.96		
15	256QAM	36	39	13.99	13.95	14.05		
15	256QAM	75	0	13.98	14.12	14.03		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.13	14.14	14.1	14.7	0
10	QPSK	1	25	14.07	14.02	14.06		
10	QPSK	1	49	14.02	14.06	13.95		
10	QPSK	25	0	14.09	14.07	14.03	14.7	0
10	QPSK	25	12	13.99	14	13.94		
10	QPSK	25	25	14.02	13.99	13.94		
10	QPSK	50	0	13.94	13.97	14.01		
10	16QAM	1	0	13.98	13.99	13.91	14.7	0
10	16QAM	1	25	13.88	13.88	13.88		
10	16QAM	1	49	13.77	13.84	13.79		
10	16QAM	25	0	13.82	13.78	13.83	14.7	0
10	16QAM	25	12	13.92	13.86	13.86		
10	16QAM	25	25	13.94	13.91	13.96		
10	16QAM	50	0	13.95	13.91	13.88		
10	64QAM	1	0	13.91	13.89	13.87	14.7	0
10	64QAM	1	25	13.82	13.79	13.8		
10	64QAM	1	49	13.89	13.85	13.86		
10	64QAM	25	0	13.87	13.81	13.87	14.7	0
10	64QAM	25	12	13.92	13.92	13.85		
10	64QAM	25	25	14	14	14.03		
10	64QAM	50	0	13.99	13.93	13.99		
10	256QAM	1	0	14.15	14.12	14.16	14.7	0
10	256QAM	1	25	14.12	14.01	14.09		
10	256QAM	1	49	14.17	14.02	13.99		
10	256QAM	25	0	14.10	14.12	14.08	14.7	0
10	256QAM	25	12	14.09	14.10	14.14		
10	256QAM	25	25	13.97	14.04	13.98		
10	256QAM	50	0	13.97	14.16	14.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.11	14.1	14.09	14.7	0
5	QPSK	1	12	14	14.08	14.07		
5	QPSK	1	24	14.06	14.05	14.06		
5	QPSK	12	0	14.05	14.04	14.08	14.7	0
5	QPSK	12	7	13.95	13.91	13.91		
5	QPSK	12	13	13.96	14.05	13.97		
5	QPSK	25	0	13.92	13.94	13.91		
5	16QAM	1	0	14.01	14.01	13.98	14.7	0
5	16QAM	1	12	13.87	13.82	13.87		
5	16QAM	1	24	13.78	13.83	13.86		
5	16QAM	12	0	13.85	13.76	13.76	14.7	0
5	16QAM	12	7	13.84	13.92	13.84		
5	16QAM	12	13	13.93	13.95	13.97		
5	16QAM	25	0	13.88	13.97	13.99		
5	64QAM	1	0	13.88	13.98	13.9	14.7	0
5	64QAM	1	12	13.72	13.74	13.81		
5	64QAM	1	24	13.89	13.81	13.8		
5	64QAM	12	0	13.8	13.86	13.82	14.7	0
5	64QAM	12	7	13.9	13.88	13.89		
5	64QAM	12	13	13.94	13.96	13.99		
5	64QAM	25	0	13.96	13.94	14		
5	256QAM	1	0	14.17	14.04	14.13	14.7	0
5	256QAM	1	12	14.12	14.07	14.02		
5	256QAM	1	24	14.01	14.11	14.16		
5	256QAM	12	0	14.13	14.10	13.99	14.7	0
5	256QAM	12	7	14.00	14.14	14.10		
5	256QAM	12	13	14.13	13.96	13.97		
5	256QAM	25	0	14.14	14.03	14.00		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.3	16.43	16.37	17.7	0
20	QPSK	1	49	16.1	16.16	16.28		
20	QPSK	1	99	16.19	16.28	16.19		
20	QPSK	50	0	16.14	16.39	16.29	17.7	0
20	QPSK	50	24	16.22	16.38	16.37		
20	QPSK	50	50	16.19	16.14	16.3		
20	QPSK	100	0	16.21	16.28	16.17		
20	16QAM	1	0	16.23	16.31	16.29	17.7	0
20	16QAM	1	49	16.06	16.1	16.2		
20	16QAM	1	99	16.19	16.13	16.1		
20	16QAM	50	0	16.12	16.3	16.3	17.7	0
20	16QAM	50	24	16.17	16.31	16.23		
20	16QAM	50	50	16.08	16.17	16.22		
20	16QAM	100	0	16.14	16.16	16.21		
20	64QAM	1	0	16.24	16.39	16.29	17.7	0
20	64QAM	1	49	16.08	16.13	16.11		
20	64QAM	1	99	16.23	16.14	16.06		
20	64QAM	50	0	16.12	16.34	16.34	17.7	0
20	64QAM	50	24	16.09	16.23	16.21		
20	64QAM	50	50	16.1	16.09	16.22		
20	64QAM	100	0	16.14	16.22	16.18		
20	256QAM	1	0	16.18	16.39	16.34	17.7	0
20	256QAM	1	49	16.05	16.06	16.14		
20	256QAM	1	99	16.08	16.16	16.04		
20	256QAM	50	0	16.14	16.21	16.31	17.7	0
20	256QAM	50	24	16.10	16.30	16.28		
20	256QAM	50	50	16.15	16.14	16.15		
20	256QAM	100	0	16.14	16.23	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.22	16.38	16.36	17.7	0
15	QPSK	1	37	16.08	16.04	16.21		
15	QPSK	1	74	16.07	16.18	16.12		
15	QPSK	36	0	16.06	16.35	16.17	17.7	0
15	QPSK	36	20	16.2	16.35	16.36		
15	QPSK	36	39	16.15	16.11	16.26		
15	QPSK	75	0	16.09	16.17	16.16		
15	16QAM	1	0	16.2	16.24	16.28	17.7	0
15	16QAM	1	37	16.01	16.02	16.14		
15	16QAM	1	74	16.16	16.06	16.07		
15	16QAM	36	0	16.01	16.24	16.24	17.7	0
15	16QAM	36	20	16.06	16.22	16.19		
15	16QAM	36	39	16.07	16.05	16.12		
15	16QAM	75	0	16.06	16.05	16.2		
15	64QAM	1	0	16.16	16.36	16.18	17.7	0
15	64QAM	1	37	16.04	16.12	16		
15	64QAM	1	74	16.12	16.1	16.03		
15	64QAM	36	0	16.08	16.22	16.25	17.7	0
15	64QAM	36	20	16.07	16.2	16.15		
15	64QAM	36	39	15.99	15.99	16.2		
15	64QAM	75	0	16.06	16.1	16.15		
15	256QAM	1	0	16.12	16.27	16.22	17.7	0
15	256QAM	1	37	15.93	15.96	16.04		
15	256QAM	1	74	16.00	16.07	16.02		
15	256QAM	36	0	16.11	16.16	16.30	17.7	0
15	256QAM	36	20	16.04	16.19	16.21		
15	256QAM	36	39	16.03	16.06	16.09		
15	256QAM	75	0	16.02	16.17	16.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.24	16.37	16.29	17.7	0
10	QPSK	1	25	16.07	16.09	16.22		
10	QPSK	1	49	16.15	16.22	16.09		
10	QPSK	25	0	16.06	16.32	16.17	17.7	0
10	QPSK	25	12	16.14	16.36	16.29		
10	QPSK	25	25	16.08	16.09	16.19		
10	QPSK	50	0	16.18	16.2	16.14		
10	16QAM	1	0	16.14	16.29	16.17	17.7	0
10	16QAM	1	25	16.03	16.03	16.15		
10	16QAM	1	49	16.08	16.02	16.02		
10	16QAM	25	0	16.01	16.26	16.2	17.7	0
10	16QAM	25	12	16.08	16.3	16.21		
10	16QAM	25	25	15.99	16.09	16.2		
10	16QAM	50	0	16.08	16.15	16.09		
10	64QAM	1	0	16.21	16.27	16.2	17.7	0
10	64QAM	1	25	16	16.03	15.99		
10	64QAM	1	49	16.11	16.09	16		
10	64QAM	25	0	16.07	16.22	16.3	17.7	0
10	64QAM	25	12	16.02	16.21	16.19		
10	64QAM	25	25	15.99	15.97	16.14		
10	64QAM	50	0	16.06	16.19	16.11		
10	256QAM	1	0	16.16	16.35	16.26	17.7	0
10	256QAM	1	25	15.93	16.05	16.05		
10	256QAM	1	49	15.96	16.08	16.02		
10	256QAM	25	0	16.09	16.15	16.24	17.7	0
10	256QAM	25	12	16.06	16.24	16.16		
10	256QAM	25	25	16.04	16.09	16.03		
10	256QAM	50	0	16.07	16.12	15.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.18	16.32	16.34	17.7	0
5	QPSK	1	12	15.99	16.11	16.19		
5	QPSK	1	24	16.15	16.23	16.1		
5	QPSK	12	0	16.02	16.34	16.26	17.7	0
5	QPSK	12	7	16.12	16.29	16.29		
5	QPSK	12	13	16.15	16.09	16.26		
5	QPSK	25	0	16.17	16.24	16.13		
5	16QAM	1	0	16.14	16.2	16.27	17.7	0
5	16QAM	1	12	15.96	16.07	16.12		
5	16QAM	1	24	16.09	16.09	16.04		
5	16QAM	12	0	16.01	16.29	16.2	17.7	0
5	16QAM	12	7	16.07	16.21	16.11		
5	16QAM	12	13	15.99	16.12	16.19		
5	16QAM	25	0	16.06	16.06	16.17		
5	64QAM	1	0	16.12	16.38	16.17	17.7	0
5	64QAM	1	12	16.07	16.08	16.09		
5	64QAM	1	24	16.12	16.04	16.05		
5	64QAM	12	0	16.02	16.32	16.28	17.7	0
5	64QAM	12	7	16.02	16.15	16.1		
5	64QAM	12	13	16.05	15.97	16.12		
5	64QAM	25	0	16.09	16.18	16.06		
5	256QAM	1	0	16.15	16.32	16.25	17.7	0
5	256QAM	1	12	16.03	15.99	16.04		
5	256QAM	1	24	16.00	16.05	16.00		
5	256QAM	12	0	16.10	16.11	16.20	17.7	0
5	256QAM	12	7	15.98	16.22	16.20		
5	256QAM	12	13	16.09	16.12	16.05		
5	256QAM	25	0	16.10	16.11	16.07		

Band 7_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.84	15.91	15.85	16.7	0
20	QPSK	1	49	15.82	15.54	15.77		
20	QPSK	1	99	15.56	15.7	15.63		
20	QPSK	50	0	15.71	15.74	15.72	16.7	0
20	QPSK	50	24	15.59	15.65	15.7		
20	QPSK	50	50	15.51	15.58	15.51		
20	QPSK	100	0	15.68	15.71	15.53		
20	16QAM	1	0	15.7	15.58	15.72	16.7	0
20	16QAM	1	49	15.69	15.69	15.77		
20	16QAM	1	99	15.77	15.55	15.74		
20	16QAM	50	0	15.74	15.77	15.72	16.7	0
20	16QAM	50	24	15.63	15.73	15.61		
20	16QAM	50	50	15.56	15.8	15.82		
20	16QAM	100	0	15.62	15.59	15.65		
20	64QAM	1	0	15.6	15.46	15.66	16.7	0
20	64QAM	1	49	15.48	15.6	15.72		
20	64QAM	1	99	15.48	15.62	15.77		
20	64QAM	50	0	15.56	15.47	15.71	16.7	0
20	64QAM	50	24	15.7	15.45	15.72		
20	64QAM	50	50	15.78	15.72	15.6		
20	64QAM	100	0	15.69	15.64	15.49		
20	256QAM	1	0	15.60	15.47	15.53	16.7	0
20	256QAM	1	49	15.77	15.45	15.68		
20	256QAM	1	99	15.47	15.73	15.58		
20	256QAM	50	0	15.82	15.58	15.66	16.7	0
20	256QAM	50	24	15.78	15.46	15.75		
20	256QAM	50	50	15.65	15.71	15.81		
20	256QAM	100	0	15.55	15.57	15.56		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.82	15.84	15.83	16.7	0
15	QPSK	1	37	15.78	15.5	15.79		
15	QPSK	1	74	15.56	15.62	15.62		
15	QPSK	36	0	15.75	15.7	15.68	16.7	0
15	QPSK	36	20	15.57	15.74	15.69		
15	QPSK	36	39	15.46	15.59	15.51		
15	QPSK	75	0	15.6	15.65	15.6		
15	16QAM	1	0	15.67	15.54	15.76	16.7	0
15	16QAM	1	37	15.7	15.68	15.76		
15	16QAM	1	74	15.76	15.5	15.81		
15	16QAM	36	0	15.67	15.85	15.76	16.7	0
15	16QAM	36	20	15.62	15.67	15.61		
15	16QAM	36	39	15.61	15.81	15.85		
15	16QAM	75	0	15.66	15.6	15.64		
15	64QAM	1	0	15.67	15.44	15.71	16.7	0
15	64QAM	1	37	15.51	15.66	15.71		
15	64QAM	1	74	15.52	15.53	15.78		
15	64QAM	36	0	15.5	15.45	15.65	16.7	0
15	64QAM	36	20	15.64	15.49	15.8		
15	64QAM	36	39	15.79	15.76	15.61		
15	64QAM	75	0	15.78	15.63	15.4		
15	256QAM	1	0	15.57	15.44	15.46	16.7	0
15	256QAM	1	37	15.75	15.46	15.65		
15	256QAM	1	74	15.49	15.75	15.62		
15	256QAM	36	0	15.79	15.49	15.64	16.7	0
15	256QAM	36	20	15.75	15.42	15.69		
15	256QAM	36	39	15.67	15.72	15.73		
15	256QAM	75	0	15.55	15.55	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.81	15.87	15.81	16.7	0
10	QPSK	1	25	15.81	15.46	15.82		
10	QPSK	1	49	15.56	15.7	15.67		
10	QPSK	25	0	15.77	15.77	15.72	16.7	0
10	QPSK	25	12	15.63	15.66	15.69		
10	QPSK	25	25	15.47	15.63	15.56		
10	QPSK	50	0	15.66	15.71	15.58		
10	16QAM	1	0	15.62	15.58	15.73	16.7	0
10	16QAM	1	25	15.7	15.66	15.79		
10	16QAM	1	49	15.82	15.54	15.82		
10	16QAM	25	0	15.74	15.79	15.69	16.7	0
10	16QAM	25	12	15.69	15.7	15.62		
10	16QAM	25	25	15.56	15.85	15.81		
10	16QAM	50	0	15.69	15.65	15.58		
10	64QAM	1	0	15.62	15.46	15.69	16.7	0
10	64QAM	1	25	15.52	15.61	15.7		
10	64QAM	1	49	15.54	15.53	15.72		
10	64QAM	25	0	15.54	15.46	15.62	16.7	0
10	64QAM	25	12	15.66	15.47	15.76		
10	64QAM	25	25	15.78	15.72	15.6		
10	64QAM	50	0	15.75	15.67	15.48		
10	256QAM	1	0	15.55	15.45	15.51	16.7	0
10	256QAM	1	25	15.77	15.42	15.65		
10	256QAM	1	49	15.53	15.75	15.63		
10	256QAM	25	0	15.84	15.51	15.66	16.7	0
10	256QAM	25	12	15.76	15.46	15.74		
10	256QAM	25	25	15.69	15.78	15.79		
10	256QAM	50	0	15.47	15.53	15.51		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.82	15.78	15.85	16.7	0
5	QPSK	1	12	15.77	15.5	15.78		
5	QPSK	1	24	15.49	15.64	15.66		
5	QPSK	12	0	15.76	15.75	15.68	16.7	0
5	QPSK	12	7	15.55	15.74	15.73		
5	QPSK	12	13	15.52	15.65	15.53		
5	QPSK	25	0	15.66	15.69	15.53		
5	16QAM	1	0	15.66	15.58	15.76	16.7	0
5	16QAM	1	12	15.69	15.64	15.76		
5	16QAM	1	24	15.78	15.52	15.76		
5	16QAM	12	0	15.74	15.77	15.67	16.7	0
5	16QAM	12	7	15.61	15.69	15.59		
5	16QAM	12	13	15.58	15.82	15.8		
5	16QAM	25	0	15.63	15.61	15.66		
5	64QAM	1	0	15.64	15.44	15.65	16.7	0
5	64QAM	1	12	15.51	15.6	15.73		
5	64QAM	1	24	15.56	15.55	15.75		
5	64QAM	12	0	15.55	15.5	15.62	16.7	0
5	64QAM	12	7	15.66	15.48	15.79		
5	64QAM	12	13	15.81	15.69	15.65		
5	64QAM	25	0	15.75	15.68	15.45		
5	256QAM	1	0	15.57	15.46	15.52	16.7	0
5	256QAM	1	12	15.77	15.46	15.61		
5	256QAM	1	24	15.48	15.74	15.59		
5	256QAM	12	0	15.80	15.57	15.67	16.7	0
5	256QAM	12	7	15.76	15.43	15.69		
5	256QAM	12	13	15.60	15.76	15.75		
5	256QAM	25	0	15.52	15.53	15.52		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.34	22.36	22.35	23.5	0
10	QPSK	1	25	22.26	22.31	22.27		
10	QPSK	1	49	22.18	22.27	22.22		
10	QPSK	25	0	22.23	22.29	22.21	23.5	0
10	QPSK	25	12	22.12	22.21	22.1		
10	QPSK	25	25	22.19	22.24	22.23		
10	QPSK	50	0	22.23	22.24	22.23		
10	16QAM	1	0	22.28	22.3	22.3	23.5	0
10	16QAM	1	25	22.19	22.24	22.17		
10	16QAM	1	49	22.08	22.26	22.2		
10	16QAM	25	0	21.83	21.87	21.79	23	0.5
10	16QAM	25	12	21.75	21.81	21.72		
10	16QAM	25	25	21.82	21.9	21.89		
10	16QAM	50	0	21.87	21.86	21.81		
10	64QAM	1	0	21.96	21.94	22.02	23	0.5
10	64QAM	1	25	21.86	22	21.96		
10	64QAM	1	49	21.8	21.88	21.81		
10	64QAM	25	0	20.94	20.97	20.92	22	1.5
10	64QAM	25	12	20.82	20.91	20.87		
10	64QAM	25	25	20.92	20.92	21		
10	64QAM	50	0	20.92	20.92	20.91		
10	256QAM	1	0	18.67	18.74	18.62	20	3.5
10	256QAM	1	25	18.62	18.74	18.72		
10	256QAM	1	49	18.72	18.75	18.73		
10	256QAM	25	0	18.71	18.77	18.76	20	3.5
10	256QAM	25	12	18.84	18.85	18.73		
10	256QAM	25	25	18.65	18.74	18.61		
10	256QAM	50	0	18.81	18.82	18.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.28	22.31	22.3	23.5	0
5	QPSK	1	12	22.18	22.22	22.26		
5	QPSK	1	24	22.18	22.24	22.17		
5	QPSK	12	0	22.22	22.2	22.24	23.5	0
5	QPSK	12	7	22.14	22.16	22.09		
5	QPSK	12	13	22.15	22.21	22.11		
5	QPSK	25	0	22.2	22.15	22.22		
5	16QAM	1	0	22.19	22.19	22.19	23.5	0
5	16QAM	1	12	22.18	22.21	22.13		
5	16QAM	1	24	22.14	22.17	22.23		
5	16QAM	12	0	21.77	21.78	21.83	23	0.5
5	16QAM	12	7	21.72	21.69	21.71		
5	16QAM	12	13	21.85	21.82	21.85		
5	16QAM	25	0	21.77	21.85	21.73		
5	64QAM	1	0	21.8	21.91	21.81	23	0.5
5	64QAM	1	12	21.87	21.89	21.85		
5	64QAM	1	24	21.86	21.78	21.74		
5	64QAM	12	0	20.89	20.89	20.89	22	1.5
5	64QAM	12	7	20.88	20.9	20.83		
5	64QAM	12	13	20.85	20.86	20.91		
5	64QAM	25	0	20.87	20.83	20.84		
5	256QAM	1	0	18.69	18.59	18.57	20	3.5
5	256QAM	1	12	18.55	18.55	18.67		
5	256QAM	1	24	18.64	18.67	18.61		
5	256QAM	12	0	18.65	18.57	18.69	20	3.5
5	256QAM	12	7	18.82	18.70	18.77		
5	256QAM	12	13	18.73	18.73	18.60		
5	256QAM	25	0	18.66	18.72	18.73		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.33	22.23	22.3	23.5	0
3	QPSK	1	8	22.29	22.3	22.27		
3	QPSK	1	14	22.18	22.24	22.25		
3	QPSK	8	0	22.24	22.2	22.22	23.5	0
3	QPSK	8	4	22.13	22.17	22.19		
3	QPSK	8	7	22.14	22.19	22.11		
3	QPSK	15	0	22.22	22.13	22.18		
3	16QAM	1	0	22.22	22.24	22.18	23.5	0
3	16QAM	1	8	22.23	22.15	22.12		
3	16QAM	1	14	22.23	22.24	22.17		
3	16QAM	8	0	21.77	21.85	21.77	23	0.5
3	16QAM	8	4	21.77	21.7	21.72		
3	16QAM	8	7	21.87	21.86	21.88		
3	16QAM	15	0	21.77	21.73	21.78		
3	64QAM	1	0	21.82	21.89	21.91	23	0.5
3	64QAM	1	8	21.95	21.91	21.99		
3	64QAM	1	14	21.77	21.75	21.84		
3	64QAM	8	0	20.88	20.92	20.95	22	1.5
3	64QAM	8	4	20.83	20.84	20.86		
3	64QAM	8	7	20.85	20.82	20.86		
3	64QAM	15	0	20.87	20.86	20.9		
3	256QAM	1	0	18.63	18.61	18.71	20	3.5
3	256QAM	1	8	18.65	18.55	18.58		
3	256QAM	1	14	18.73	18.72	18.67		
3	256QAM	8	0	18.66	18.57	18.73	20	3.5
3	256QAM	8	4	18.66	18.84	18.75		
3	256QAM	8	7	18.57	18.58	18.61		
3	256QAM	15	0	18.75	18.72	18.74		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.26	22.35	22.31	23.5	0
1.4	QPSK	1	3	22.19	22.27	22.23		
1.4	QPSK	1	5	22.23	22.2	22.22		
1.4	QPSK	3	0	22.17	22.19	22.17		
1.4	QPSK	3	1	22.19	22.08	22.1		
1.4	QPSK	3	3	22.19	22.16	22.18		
1.4	QPSK	6	0	22.2	22.14	22.2	23.5	0
1.4	16QAM	1	0	22.2	22.29	22.25	23.5	0
1.4	16QAM	1	3	22.13	22.13	22.22		
1.4	16QAM	1	5	22.14	22.23	22.25		
1.4	16QAM	3	0	21.78	21.75	21.85		
1.4	16QAM	3	1	21.7	21.71	21.77		
1.4	16QAM	3	3	21.81	21.77	21.89		
1.4	16QAM	6	0	21.77	21.77	21.75	23	0.5
1.4	64QAM	1	0	21.89	21.81	21.84	23	0.5
1.4	64QAM	1	3	21.99	21.93	21.92		
1.4	64QAM	1	5	21.84	21.74	21.86		
1.4	64QAM	3	0	21.95	21.89	21.91		
1.4	64QAM	3	1	21.88	21.9	21.82		
1.4	64QAM	3	3	21.9	21.85	21.85		
1.4	64QAM	6	0	20.9	20.86	20.9	22	1.5
1.4	256QAM	1	0	18.62	18.72	18.62	20	3.5
1.4	256QAM	1	3	18.66	18.71	18.72		
1.4	256QAM	1	5	18.56	18.61	18.62		
1.4	256QAM	3	0	18.58	18.58	18.70		
1.4	256QAM	3	1	18.69	18.67	18.82		
1.4	256QAM	3	3	18.69	18.67	18.71		
1.4	256QAM	6	0	18.65	18.70	18.69	20	3.5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.26		22.5	0
10	QPSK	1	25		21.19			
10	QPSK	1	49		21.23			
10	QPSK	25	0		21.21		22.5	0
10	QPSK	25	12		21.14			
10	QPSK	25	25		21.09			
10	QPSK	50	0		21.17			
10	16QAM	1	0		21.18		22.5	0
10	16QAM	1	25		21.1			
10	16QAM	1	49		21.15			
10	16QAM	25	0		21.09		22.5	0
10	16QAM	25	12		21.1			
10	16QAM	25	25		21.05			
10	16QAM	50	0		21.15			
10	64QAM	1	0		21.21		22.5	0
10	64QAM	1	25		21.12			
10	64QAM	1	49		21.18			
10	64QAM	25	0		20.77		22	0.5
10	64QAM	25	12		20.7			
10	64QAM	25	25		20.67			
10	64QAM	50	0		20.69			
10	256QAM	1	0		18.64		20	2.5
10	256QAM	1	25		18.65			
10	256QAM	1	49		18.66			
10	256QAM	25	0		18.74		20	2.5
10	256QAM	25	12		18.68			
10	256QAM	25	25		18.70			
10	256QAM	50	0		18.72			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.19	21.23	21.16	22.5	0
5	QPSK	1	12	21.08	21.11	21.12		
5	QPSK	1	24	21.14	21.21	21.13		
5	QPSK	12	0	21.08	21.17	21.14	22.5	0
5	QPSK	12	7	21.01	21.12	21.13		
5	QPSK	12	13	21.01	20.97	21.04		
5	QPSK	25	0	21.08	21.16	21.16		
5	16QAM	1	0	21.07	21.16	21.11	22.5	0
5	16QAM	1	12	21.03	21.05	21.08		
5	16QAM	1	24	21.09	21.04	21.03		
5	16QAM	12	0	21	20.97	20.97	22.5	0
5	16QAM	12	7	21.08	20.99	21.03		
5	16QAM	12	13	21.02	21.03	21.01		
5	16QAM	25	0	21.1	21.03	21.12		
5	64QAM	1	0	21.18	21.12	21.18	22.5	0
5	64QAM	1	12	21.04	21.08	21.05		
5	64QAM	1	24	21.06	21.17	21.06		
5	64QAM	12	0	20.68	20.71	20.69	22	0.5
5	64QAM	12	7	20.69	20.63	20.66		
5	64QAM	12	13	20.66	20.57	20.64		
5	64QAM	25	0	20.65	20.6	20.61		
5	256QAM	1	0	18.49	18.54	18.58	20	2.5
5	256QAM	1	12	18.61	18.51	18.61		
5	256QAM	1	24	18.64	18.50	18.46		
5	256QAM	12	0	18.54	18.69	18.57	20	2.5
5	256QAM	12	7	18.60	18.66	18.57		
5	256QAM	12	13	18.56	18.57	18.60		
5	256QAM	25	0	18.52	18.54	18.53		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.05	22.17	22.1	23.5	0
10	QPSK	1	25	21.93	22.08	22.06		
10	QPSK	1	49	22.02	22.08	21.98		
10	QPSK	25	0	21.95	22.12	21.98	23.5	0
10	QPSK	25	12	21.95	22.11	22.06		
10	QPSK	25	25	21.93	22.08	22.06		
10	QPSK	50	0	21.94	22.09	22.06		
10	16QAM	1	0	21.95	22.13	22.08	23.5	0
10	16QAM	1	25	21.9	22.03	21.98		
10	16QAM	1	49	21.91	22	21.87		
10	16QAM	25	0	21.89	22.08	21.95	23	0.5
10	16QAM	25	12	21.83	22	21.98		
10	16QAM	25	25	21.84	22.01	22.03		
10	16QAM	50	0	21.9	22.06	22		
10	64QAM	1	0	21.99	22.15	22.09	23	0.5
10	64QAM	1	25	21.88	22.07	22.01		
10	64QAM	1	49	21.91	22	21.93		
10	64QAM	25	0	21.48	21.62	21.48	22	1.5
10	64QAM	25	12	21.47	21.59	21.64		
10	64QAM	25	25	21.45	21.65	21.65		
10	64QAM	50	0	21.48	21.67	21.57		
10	256QAM	1	0	18.61	18.64	18.52	20	3.5
10	256QAM	1	25	18.62	18.63	18.53		
10	256QAM	1	49	18.57	18.60	18.53		
10	256QAM	25	0	18.55	18.65	18.64	20	3.5
10	256QAM	25	12	18.52	18.60	18.57		
10	256QAM	25	25	18.53	18.64	18.53		
10	256QAM	50	0	18.53	18.55	18.54		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.05	22.07	22.14	23.5	0
5	QPSK	1	12	22.02	22.05	22		
5	QPSK	1	24	22.03	21.95	22		
5	QPSK	12	0	22.08	21.99	22.09	23.5	0
5	QPSK	12	7	21.98	22.03	22		
5	QPSK	12	13	21.96	22.01	21.97		
5	QPSK	25	0	22.06	21.99	22.03		
5	16QAM	1	0	22.1	22.01	22.01	23.5	0
5	16QAM	1	12	22.02	22.02	22.01		
5	16QAM	1	24	21.89	21.94	21.94		
5	16QAM	12	0	22	21.98	21.96	23	0.5
5	16QAM	12	7	21.97	21.88	21.9		
5	16QAM	12	13	21.99	21.99	21.98		
5	16QAM	25	0	22.04	21.96	22		
5	64QAM	1	0	22.02	22.06	22.07	23	0.5
5	64QAM	1	12	21.94	21.99	22.06		
5	64QAM	1	24	21.99	21.87	21.95		
5	64QAM	12	0	21.53	21.6	21.6	22	1.5
5	64QAM	12	7	21.54	21.58	21.55		
5	64QAM	12	13	21.59	21.62	21.55		
5	64QAM	25	0	21.58	21.64	21.63		
5	256QAM	1	0	18.62	18.56	18.59	20	3.5
5	256QAM	1	12	18.56	18.57	18.55		
5	256QAM	1	24	18.53	18.47	18.48		
5	256QAM	12	0	18.47	18.47	18.58	20	3.5
5	256QAM	12	7	18.55	18.41	18.47		
5	256QAM	12	13	18.60	18.61	18.61		
5	256QAM	25	0	18.48	18.41	18.40		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.07	15.18	15.13	16	0
20	QPSK	1	49	14.89	14.97	14.84		
20	QPSK	1	99	14.85	14.95	14.81		
20	QPSK	50	0	15.01	15.04	14.95	16	0
20	QPSK	50	24	14.73	14.71	14.68		
20	QPSK	50	50	14.79	14.89	14.84		
20	QPSK	100	0	14.87	14.98	14.91		
20	16QAM	1	0	15.04	15.07	15.05	16	0
20	16QAM	1	49	14.81	14.89	14.8		
20	16QAM	1	99	14.75	14.85	14.76		
20	16QAM	50	0	14.91	14.95	14.86	16	0
20	16QAM	50	24	15.05	15.12	15.04		
20	16QAM	50	50	14.82	14.89	14.73		
20	16QAM	100	0	14.81	14.84	14.7		
20	64QAM	1	0	14.97	14.93	14.91	16	0
20	64QAM	1	49	15	15.16	15.09		
20	64QAM	1	99	14.84	14.94	14.82		
20	64QAM	50	0	14.82	14.85	14.73	16	0
20	64QAM	50	24	14.95	14.93	14.85		
20	64QAM	50	50	14.69	14.61	14.6		
20	64QAM	100	0	14.68	14.79	14.72		
20	256QAM	1	0	15.04	15.05	15.00	16	0
20	256QAM	1	49	14.98	15.11	15.10		
20	256QAM	1	99	15.02	15.09	14.97		
20	256QAM	50	0	15.08	15.10	15.07	16	0
20	256QAM	50	24	15.09	15.17	15.15		
20	256QAM	50	50	14.99	15.09	15.08		
20	256QAM	100	0	15.04	15.05	14.96		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.1	15.07	15.07	16	0
15	QPSK	1	37	14.91	14.94	14.94		
15	QPSK	1	74	14.94	14.84	14.83		
15	QPSK	36	0	14.99	15.01	14.91	16	0
15	QPSK	36	20	14.63	14.63	14.7		
15	QPSK	36	39	14.88	14.87	14.86		
15	QPSK	75	0	14.87	14.93	14.9		
15	16QAM	1	0	14.95	14.97	14.95	16	0
15	16QAM	1	37	14.82	14.84	14.79		
15	16QAM	1	74	14.81	14.84	14.78		
15	16QAM	36	0	14.86	14.82	14.82	16	0
15	16QAM	36	20	15.05	15.03	15.03		
15	16QAM	36	39	14.86	14.86	14.78		
15	16QAM	75	0	14.77	14.8	14.74		
15	64QAM	1	0	14.9	14.81	14.89	16	0
15	64QAM	1	37	15.01	15.08	15.01		
15	64QAM	1	74	14.91	14.93	14.92		
15	64QAM	36	0	14.78	14.79	14.77	16	0
15	64QAM	36	20	14.92	14.84	14.84		
15	64QAM	36	39	14.59	14.56	14.53		
15	64QAM	75	0	14.72	14.73	14.72		
15	256QAM	1	0	15.04	14.92	15.03	16	0
15	256QAM	1	37	14.96	15.04	14.96		
15	256QAM	1	74	15.08	15.07	14.92		
15	256QAM	36	0	14.92	14.95	15.04	16	0
15	256QAM	36	20	14.98	15.05	15.05		
15	256QAM	36	39	14.90	14.91	15.01		
15	256QAM	75	0	14.93	15.00	14.90		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.1	15.06	15.15	16	0
10	QPSK	1	25	14.9	14.96	14.89		
10	QPSK	1	49	14.94	14.9	14.85		
10	QPSK	25	0	15	14.96	14.95	16	0
10	QPSK	25	12	14.62	14.69	14.67		
10	QPSK	25	25	14.85	14.83	14.84		
10	QPSK	50	0	14.94	14.89	14.93		
10	16QAM	1	0	15	15.06	15.06	16	0
10	16QAM	1	25	14.8	14.79	14.83		
10	16QAM	1	49	14.84	14.77	14.82		
10	16QAM	25	0	14.82	14.88	14.92	16	0
10	16QAM	25	12	15.06	15.08	15.07		
10	16QAM	25	25	14.82	14.79	14.83		
10	16QAM	50	0	14.83	14.74	14.72		
10	64QAM	1	0	14.82	14.81	14.86	16	0
10	64QAM	1	25	15.13	15.05	15.09		
10	64QAM	1	49	14.8	14.83	14.87		
10	64QAM	25	0	14.81	14.84	14.79	16	0
10	64QAM	25	12	14.86	14.91	14.87		
10	64QAM	25	25	14.56	14.58	14.54		
10	64QAM	50	0	14.73	14.77	14.76		
10	256QAM	1	0	14.94	15.02	15.04	16	0
10	256QAM	1	25	15.02	15.07	14.94		
10	256QAM	1	49	15.06	15.07	14.90		
10	256QAM	25	0	14.90	14.97	14.95	16	0
10	256QAM	25	12	15.06	14.97	15.15		
10	256QAM	25	25	15.04	15.04	14.95		
10	256QAM	50	0	14.98	14.90	14.88		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.09	15.11	15.17	16	0
5	QPSK	1	12	14.91	14.9	14.87		
5	QPSK	1	24	14.85	14.93	14.84		
5	QPSK	12	0	14.94	14.91	14.94	16	0
5	QPSK	12	7	14.58	14.62	14.65		
5	QPSK	12	13	14.78	14.83	14.87		
5	QPSK	25	0	14.88	14.97	14.96		
5	16QAM	1	0	14.95	14.94	15.05	16	0
5	16QAM	1	12	14.79	14.79	14.82		
5	16QAM	1	24	14.73	14.83	14.75		
5	16QAM	12	0	14.94	14.87	14.87	16	0
5	16QAM	12	7	15.05	15.01	14.99		
5	16QAM	12	13	14.8	14.86	14.86		
5	16QAM	25	0	14.71	14.73	14.83		
5	64QAM	1	0	14.91	14.79	14.82	16	0
5	64QAM	1	12	15.03	15.15	15.13		
5	64QAM	1	24	14.85	14.82	14.91		
5	64QAM	12	0	14.75	14.81	14.8	16	0
5	64QAM	12	7	14.85	14.86	14.87		
5	64QAM	12	13	14.55	14.57	14.56		
5	64QAM	25	0	14.72	14.71	14.76		
5	256QAM	1	0	14.89	15.01	15.04	16	0
5	256QAM	1	12	15.00	15.04	14.99		
5	256QAM	1	24	15.06	14.94	15.00		
5	256QAM	12	0	14.95	15.01	15.08	16	0
5	256QAM	12	7	15.14	15.03	14.97		
5	256QAM	12	13	14.99	14.93	15.07		
5	256QAM	25	0	14.93	14.90	14.97		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.07	15.16	15.1	16	0
3	QPSK	1	8	14.86	14.93	14.9		
3	QPSK	1	14	14.86	14.89	14.92		
3	QPSK	8	0	14.98	14.96	14.92	16	0
3	QPSK	8	4	14.64	14.65	14.65		
3	QPSK	8	7	14.79	14.87	14.76		
3	QPSK	15	0	14.89	14.94	14.95		
3	16QAM	1	0	15.03	15.03	15.05	16	0
3	16QAM	1	8	14.76	14.79	14.86		
3	16QAM	1	14	14.77	14.77	14.72		
3	16QAM	8	0	14.85	14.93	14.89	16	0
3	16QAM	8	4	15.05	15.03	15.06		
3	16QAM	8	7	14.79	14.76	14.84		
3	16QAM	15	0	14.75	14.79	14.72		
3	64QAM	1	0	14.88	14.88	14.88	16	0
3	64QAM	1	8	15.03	15.12	15.09		
3	64QAM	1	14	14.93	14.87	14.87		
3	64QAM	8	0	14.78	14.78	14.82	16	0
3	64QAM	8	4	14.9	14.85	14.84		
3	64QAM	8	7	14.53	14.54	14.6		
3	64QAM	15	0	14.73	14.76	14.71		
3	256QAM	1	0	14.88	15.02	14.90	16	0
3	256QAM	1	8	15.02	15.02	15.02		
3	256QAM	1	14	14.92	15.05	15.01		
3	256QAM	8	0	15.02	14.94	15.01	16	0
3	256QAM	8	4	15.01	14.98	15.02		
3	256QAM	8	7	14.92	15.02	14.89		
3	256QAM	15	0	14.89	14.92	15.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.1	15.16	15.15	16	0
1.4	QPSK	1	3	14.92	14.91	14.94		
1.4	QPSK	1	5	14.94	14.92	14.88		
1.4	QPSK	3	0	14.91	14.97	15		
1.4	QPSK	3	1	14.63	14.65	14.68		
1.4	QPSK	3	3	14.86	14.78	14.81		
1.4	QPSK	6	0	14.85	14.9	14.94	16	0
1.4	16QAM	1	0	14.94	15.01	14.99	16	0
1.4	16QAM	1	3	14.76	14.85	14.83		
1.4	16QAM	1	5	14.83	14.8	14.78		
1.4	16QAM	3	0	14.87	14.85	14.92		
1.4	16QAM	3	1	15.03	15.1	15.02		
1.4	16QAM	3	3	14.8	14.8	14.83		
1.4	16QAM	6	0	14.75	14.71	14.79	16	0
1.4	64QAM	1	0	14.81	14.85	14.82	16	0
1.4	64QAM	1	3	15.03	15.09	15.09		
1.4	64QAM	1	5	14.85	14.88	14.82		
1.4	64QAM	3	0	14.76	14.77	14.75		
1.4	64QAM	3	1	14.86	14.92	14.83		
1.4	64QAM	3	3	14.59	14.58	14.56		
1.4	64QAM	6	0	14.75	14.74	14.75	16	0
1.4	256QAM	1	0	14.99	14.89	15.00	16	0
1.4	256QAM	1	3	15.02	14.93	14.92		
1.4	256QAM	1	5	15.02	14.97	14.96		
1.4	256QAM	3	0	15.05	15.01	15.02		
1.4	256QAM	3	1	14.97	15.06	15.08		
1.4	256QAM	3	3	14.93	14.92	15.07		
1.4	256QAM	6	0	14.90	14.98	14.88	16	0

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.94	21.07	21.03	22.5	0
15	QPSK	1	37	20.92	21.02	20.95		
15	QPSK	1	74	20.9	20.96	20.97		
15	QPSK	36	0	20.88	21.02	20.94	22.5	0
15	QPSK	36	20	20.82	20.94	20.84		
15	QPSK	36	39	20.86	20.83	20.96		
15	QPSK	75	0	20.9	20.98	20.87		
15	16QAM	1	0	20.89	20.92	21	22.5	0
15	16QAM	1	37	20.89	20.98	20.86		
15	16QAM	1	74	20.89	20.89	20.94		
15	16QAM	36	0	20.85	21	20.88	22.5	0
15	16QAM	36	20	20.8	20.92	20.79		
15	16QAM	36	39	20.77	20.75	20.91		
15	16QAM	75	0	20.8	20.86	20.85		
15	64QAM	1	0	20.93	21.02	21	22.5	0
15	64QAM	1	37	20.81	20.99	20.91		
15	64QAM	1	74	20.81	20.86	20.88		
15	64QAM	36	0	20.48	20.61	20.61	22	0.5
15	64QAM	36	20	20.43	20.56	20.52		
15	64QAM	36	39	20.46	20.46	20.64		
15	64QAM	75	0	20.57	20.59	20.53		
15	256QAM	1	0	18.38	18.43	18.32	20	2.5
15	256QAM	1	37	18.40	18.47	18.44		
15	256QAM	1	74	18.44	18.45	18.32		
15	256QAM	36	0	18.49	18.50	18.38	20	2.5
15	256QAM	36	20	18.33	18.41	18.31		
15	256QAM	36	39	18.50	18.51	18.42		
15	256QAM	75	0	18.33	18.44	18.34		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.02	21.01	20.95	22.5	0
10	QPSK	1	25	20.99	20.91	20.95		
10	QPSK	1	49	20.92	20.9	20.83		
10	QPSK	25	0	20.89	21.01	20.89	22.5	0
10	QPSK	25	12	20.88	20.92	20.91		
10	QPSK	25	25	20.71	20.77	20.77		
10	QPSK	50	0	20.85	20.93	20.92		
10	16QAM	1	0	20.82	20.87	20.91	22.5	0
10	16QAM	1	25	20.86	20.87	20.96		
10	16QAM	1	49	20.83	20.85	20.84		
10	16QAM	25	0	20.94	20.97	20.9	22.5	0
10	16QAM	25	12	20.83	20.86	20.88		
10	16QAM	25	25	20.69	20.7	20.65		
10	16QAM	50	0	20.8	20.77	20.77		
10	64QAM	1	0	21	20.97	21.01	22.5	0
10	64QAM	1	25	20.93	20.95	20.97		
10	64QAM	1	49	20.72	20.79	20.83		
10	64QAM	25	0	20.56	20.56	20.56	22	0.5
10	64QAM	25	12	20.54	20.51	20.53		
10	64QAM	25	25	20.4	20.36	20.36		
10	64QAM	50	0	20.53	20.49	20.49		
10	256QAM	1	0	18.39	18.31	18.37	20	2.5
10	256QAM	1	25	18.30	18.32	18.43		
10	256QAM	1	49	18.36	18.34	18.25		
10	256QAM	25	0	18.37	18.43	18.47	20	2.5
10	256QAM	25	12	18.23	18.28	18.36		
10	256QAM	25	25	18.32	18.47	18.47		
10	256QAM	50	0	18.28	18.29	18.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.99	20.94	22.5	0
5	QPSK	1	12	20.89	21	20.94		
5	QPSK	1	24	20.84	20.87	20.94		
5	QPSK	12	0	20.98	20.99	20.93	22.5	0
5	QPSK	12	7	20.89	20.92	20.92		
5	QPSK	12	13	20.71	20.72	20.79		
5	QPSK	25	0	20.95	20.86	20.94		
5	16QAM	1	0	20.79	20.87	20.9	22.5	0
5	16QAM	1	12	20.95	20.88	20.97		
5	16QAM	1	24	20.84	20.79	20.83		
5	16QAM	12	0	20.99	20.87	20.99	22.5	0
5	16QAM	12	7	20.9	20.86	20.83		
5	16QAM	12	13	20.62	20.67	20.68		
5	16QAM	25	0	20.81	20.83	20.79		
5	64QAM	1	0	20.88	20.94	20.93	22.5	0
5	64QAM	1	12	20.87	20.91	20.91		
5	64QAM	1	24	20.8	20.77	20.84		
5	64QAM	12	0	20.53	20.57	20.55	22	0.5
5	64QAM	12	7	20.49	20.53	20.49		
5	64QAM	12	13	20.42	20.45	20.44		
5	64QAM	25	0	20.49	20.51	20.54		
5	256QAM	1	0	18.34	18.25	18.26	20	2.5
5	256QAM	1	12	18.33	18.37	18.34		
5	256QAM	1	24	18.30	18.33	18.42		
5	256QAM	12	0	18.31	18.47	18.36	20	2.5
5	256QAM	12	7	18.30	18.21	18.33		
5	256QAM	12	13	18.37	18.31	18.50		
5	256QAM	25	0	18.24	18.28	18.36		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.01	20.99	20.94	22.5	0
3	QPSK	1	8	21.01	20.91	20.99		
3	QPSK	1	14	20.93	20.84	20.86		
3	QPSK	8	0	20.89	20.99	20.99	22.5	0
3	QPSK	8	4	20.86	20.93	20.87		
3	QPSK	8	7	20.8	20.82	20.74		
3	QPSK	15	0	20.88	20.92	20.91		
3	16QAM	1	0	20.89	20.83	20.88	22.5	0
3	16QAM	1	8	20.94	20.85	20.96		
3	16QAM	1	14	20.79	20.87	20.77		
3	16QAM	8	0	20.98	20.9	20.87	22.5	0
3	16QAM	8	4	20.86	20.9	20.8		
3	16QAM	8	7	20.71	20.68	20.73		
3	16QAM	15	0	20.83	20.81	20.76		
3	64QAM	1	0	21.01	20.87	20.91	22.5	0
3	64QAM	1	8	20.84	20.87	20.88		
3	64QAM	1	14	20.77	20.74	20.76		
3	64QAM	8	0	20.56	20.57	20.52	22	0.5
3	64QAM	8	4	20.5	20.53	20.47		
3	64QAM	8	7	20.43	20.4	20.4		
3	64QAM	15	0	20.53	20.52	20.55		
3	256QAM	1	0	18.32	18.30	18.30	20	2.5
3	256QAM	1	8	18.37	18.45	18.44		
3	256QAM	1	14	18.34	18.44	18.44		
3	256QAM	8	0	18.41	18.46	18.42	20	2.5
3	256QAM	8	4	18.24	18.25	18.28		
3	256QAM	8	7	18.37	18.45	18.42		
3	256QAM	15	0	18.32	18.39	18.27		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.98	20.91	21.03	22.5	0
1.4	QPSK	1	3	20.94	20.92	20.97		
1.4	QPSK	1	5	20.85	20.94	20.94		
1.4	QPSK	3	0	20.93	20.91	20.91		
1.4	QPSK	3	1	20.89	20.86	20.87		
1.4	QPSK	3	3	20.81	20.7	20.8		
1.4	QPSK	6	0	20.96	20.88	20.88	22.5	0
1.4	16QAM	1	0	20.89	20.82	20.9	22.5	0
1.4	16QAM	1	3	20.96	20.86	20.87		
1.4	16QAM	1	5	20.85	20.76	20.85		
1.4	16QAM	3	0	20.87	20.87	20.96		
1.4	16QAM	3	1	20.88	20.9	20.82		
1.4	16QAM	3	3	20.7	20.71	20.69		
1.4	16QAM	6	0	20.84	20.77	20.78	22.5	0
1.4	64QAM	1	0	20.98	20.91	21.01	22.5	0
1.4	64QAM	1	3	20.91	20.97	20.96		
1.4	64QAM	1	5	20.75	20.84	20.71		
1.4	64QAM	3	0	20.56	20.53	20.51		
1.4	64QAM	3	1	20.53	20.54	20.54		
1.4	64QAM	3	3	20.74	20.67	20.67		
1.4	64QAM	6	0	20.56	20.5	20.5	22	0.5
1.4	256QAM	1	0	18.25	18.29	18.26	20	2.5
1.4	256QAM	1	3	18.40	18.38	18.40		
1.4	256QAM	1	5	18.32	18.30	18.25		
1.4	256QAM	3	0	18.46	18.48	18.48		
1.4	256QAM	3	1	18.21	18.40	18.29		
1.4	256QAM	3	3	18.45	18.36	18.31		
1.4	256QAM	6	0	18.28	18.25	18.42	20	2.5

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.05		16.8	0
10	QPSK	1	25		16.01			
10	QPSK	1	49		15.89			
10	QPSK	25	0		15.87		16.8	0
10	QPSK	25	12		15.84			
10	QPSK	25	25		15.81			
10	QPSK	50	0		15.81			
10	16QAM	1	0		16.02		16.8	0
10	16QAM	1	25		15.88			
10	16QAM	1	49		16.01			
10	16QAM	25	0		15.87		16.8	0
10	16QAM	25	12		15.74			
10	16QAM	25	25		15.86			
10	16QAM	50	0		15.81			
10	64QAM	1	0		15.61		16.8	0
10	64QAM	1	25		15.74			
10	64QAM	1	49		15.63			
10	64QAM	25	0		15.68		16.8	0
10	64QAM	25	12		15.79			
10	64QAM	25	25		15.71			
10	64QAM	50	0		15.8			
10	256QAM	1	0		16.02		16.8	0
10	256QAM	1	25		15.98			
10	256QAM	1	49		15.96			
10	256QAM	25	0		15.98		16.8	0
10	256QAM	25	12		16.04			
10	256QAM	25	25		16.04			
10	256QAM	50	0		15.95			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.96	16	16.01	16.8	0
5	QPSK	1	12	15.9	15.95	15.96		
5	QPSK	1	24	15.84	15.86	15.87		
5	QPSK	12	0	15.85	15.86	15.82	16.8	0
5	QPSK	12	7	15.72	15.72	15.72		
5	QPSK	12	13	15.74	15.78	15.74		
5	QPSK	25	0	15.74	15.74	15.77		
5	16QAM	1	0	15.93	15.97	15.89	16.8	0
5	16QAM	1	12	15.82	15.86	15.85		
5	16QAM	1	24	15.89	15.95	15.89		
5	16QAM	12	0	15.81	15.81	15.84	16.8	0
5	16QAM	12	7	15.64	15.7	15.63		
5	16QAM	12	13	15.79	15.78	15.77		
5	16QAM	25	0	15.76	15.8	15.74		
5	64QAM	1	0	15.54	15.53	15.5	16.8	0
5	64QAM	1	12	15.65	15.66	15.64		
5	64QAM	1	24	15.5	15.49	15.51		
5	64QAM	12	0	15.61	15.62	15.62	16.8	0
5	64QAM	12	7	15.74	15.78	15.72		
5	64QAM	12	13	15.67	15.67	15.66		
5	64QAM	25	0	15.79	15.74	15.72		
5	256QAM	1	0	15.92	15.82	15.84	16.8	0
5	256QAM	1	12	15.85	15.80	15.87		
5	256QAM	1	24	15.86	15.91	15.83		
5	256QAM	12	0	15.88	15.96	15.91	16.8	0
5	256QAM	12	7	15.95	15.89	16.03		
5	256QAM	12	13	15.88	15.95	15.94		
5	256QAM	25	0	15.88	15.87	15.82		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.98	16.03	15.87	17	0
20	QPSK	1	49	15.83	16.01	15.89		
20	QPSK	1	99	15.83	15.96	15.87		
20	QPSK	50	0	15.84	15.98	15.81	17	0
20	QPSK	50	24	15.79	15.83	15.73		
20	QPSK	50	50	15.77	15.81	15.79		
20	QPSK	100	0	15.79	15.87	15.83		
20	16QAM	1	0	15.89	15.93	15.81	17	0
20	16QAM	1	49	15.71	15.99	15.77		
20	16QAM	1	99	15.71	15.84	15.8		
20	16QAM	50	0	15.93	16.01	15.84	17	0
20	16QAM	50	24	15.79	15.9	15.78		
20	16QAM	50	50	15.75	15.92	15.82		
20	16QAM	100	0	15.77	15.87	15.76		
20	64QAM	1	0	15.97	15.97	15.76	17	0
20	64QAM	1	49	15.72	16	15.87		
20	64QAM	1	99	15.78	15.88	15.85		
20	64QAM	50	0	15.8	15.97	15.76	17	0
20	64QAM	50	24	15.69	15.75	15.72		
20	64QAM	50	50	15.71	15.78	15.76		
20	64QAM	100	0	15.69	15.81	15.77		
20	256QAM	1	0	15.91	15.97	15.91	17	0
20	256QAM	1	49	15.82	15.90	15.86		
20	256QAM	1	99	15.99	16.01	15.96		
20	256QAM	50	0	15.95	16.01	15.90	17	0
20	256QAM	50	24	15.96	16.02	15.93		
20	256QAM	50	50	15.92	16.02	15.93		
20	256QAM	100	0	15.86	15.91	15.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.98	15.91	15.96	17	0
15	QPSK	1	37	15.98	15.92	15.99		
15	QPSK	1	74	15.91	15.9	15.87		
15	QPSK	36	0	15.86	15.92	15.96	17	0
15	QPSK	36	20	15.77	15.8	15.74		
15	QPSK	36	39	15.68	15.68	15.68		
15	QPSK	75	0	15.75	15.8	15.79		
15	16QAM	1	0	15.83	15.83	15.85	17	0
15	16QAM	1	37	15.89	15.87	15.94		
15	16QAM	1	74	15.8	15.75	15.79		
15	16QAM	36	0	15.93	15.91	15.9	17	0
15	16QAM	36	20	15.82	15.82	15.88		
15	16QAM	36	39	15.86	15.89	15.85		
15	16QAM	75	0	15.74	15.74	15.77		
15	64QAM	1	0	15.94	15.83	15.96	17	0
15	64QAM	1	37	15.99	15.98	15.91		
15	64QAM	1	74	15.75	15.87	15.87		
15	64QAM	36	0	15.91	15.96	15.96	17	0
15	64QAM	36	20	15.67	15.65	15.67		
15	64QAM	36	39	15.74	15.68	15.76		
15	64QAM	75	0	15.78	15.77	15.73		
15	256QAM	1	0	15.85	15.85	15.94	17	0
15	256QAM	1	37	15.85	15.79	15.72		
15	256QAM	1	74	15.93	15.86	15.86		
15	256QAM	36	0	15.93	15.87	15.84	17	0
15	256QAM	36	20	15.85	15.95	15.98		
15	256QAM	36	39	15.87	15.83	15.82		
15	256QAM	75	0	15.86	15.77	15.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.96	15.99	16	17	0
10	QPSK	1	25	15.9	15.91	15.92		
10	QPSK	1	49	15.91	15.87	15.94		
10	QPSK	25	0	15.87	15.88	15.87	17	0
10	QPSK	25	12	15.78	15.74	15.81		
10	QPSK	25	25	15.74	15.71	15.68		
10	QPSK	50	0	15.77	15.77	15.75		
10	16QAM	1	0	15.82	15.92	15.82	17	0
10	16QAM	1	25	15.97	15.89	15.92		
10	16QAM	1	49	15.8	15.8	15.72		
10	16QAM	25	0	15.97	15.94	15.95	17	0
10	16QAM	25	12	15.77	15.85	15.84		
10	16QAM	25	25	15.89	15.83	15.9		
10	16QAM	50	0	15.85	15.83	15.78		
10	64QAM	1	0	15.82	15.94	15.95	17	0
10	64QAM	1	25	15.85	15.85	15.92		
10	64QAM	1	49	15.82	15.79	15.78		
10	64QAM	25	0	15.96	15.95	15.92	17	0
10	64QAM	25	12	15.72	15.7	15.74		
10	64QAM	25	25	15.75	15.7	15.74		
10	64QAM	50	0	15.74	15.76	15.8		
10	256QAM	1	0	15.91	15.90	15.83	17	0
10	256QAM	1	25	15.88	15.88	15.73		
10	256QAM	1	49	15.90	15.97	15.87		
10	256QAM	25	0	15.86	15.89	15.99	17	0
10	256QAM	25	12	15.83	15.93	15.93		
10	256QAM	25	25	15.92	15.98	15.84		
10	256QAM	50	0	15.80	15.84	15.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.96	15.9	15.97	17	0
5	QPSK	1	12	15.98	15.89	15.99		
5	QPSK	1	24	15.91	15.95	15.91		
5	QPSK	12	0	15.85	15.95	15.85	17	0
5	QPSK	12	7	15.79	15.8	15.73		
5	QPSK	12	13	15.69	15.8	15.69		
5	QPSK	25	0	15.83	15.81	15.79		
5	16QAM	1	0	15.91	15.84	15.88	17	0
5	16QAM	1	12	15.87	15.88	15.94		
5	16QAM	1	24	15.83	15.81	15.83		
5	16QAM	12	0	15.93	15.89	15.99	17	0
5	16QAM	12	7	15.88	15.87	15.89		
5	16QAM	12	13	15.89	15.79	15.8		
5	16QAM	25	0	15.78	15.82	15.83		
5	64QAM	1	0	15.88	15.91	15.83	17	0
5	64QAM	1	12	15.99	15.87	15.88		
5	64QAM	1	24	15.85	15.73	15.74		
5	64QAM	12	0	15.96	15.9	15.91	17	0
5	64QAM	12	7	15.67	15.69	15.7		
5	64QAM	12	13	15.76	15.76	15.73		
5	64QAM	25	0	15.73	15.78	15.72		
5	256QAM	1	0	15.87	15.79	15.87	17	0
5	256QAM	1	12	15.80	15.79	15.84		
5	256QAM	1	24	15.87	15.82	15.95		
5	256QAM	12	0	15.97	15.85	15.86	17	0
5	256QAM	12	7	15.92	15.97	15.98		
5	256QAM	12	13	15.85	15.82	15.84		
5	256QAM	25	0	15.79	15.79	15.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.93	15.91	16.01	17	0
3	QPSK	1	8	15.92	15.92	15.9		
3	QPSK	1	14	15.91	15.9	15.93		
3	QPSK	8	0	15.92	15.97	15.94	17	0
3	QPSK	8	4	15.7	15.79	15.81		
3	QPSK	8	7	15.71	15.69	15.74		
3	QPSK	15	0	15.84	15.79	15.78		
3	16QAM	1	0	15.88	15.88	15.85	17	0
3	16QAM	1	8	15.94	15.98	15.86		
3	16QAM	1	14	15.81	15.74	15.78		
3	16QAM	8	0	15.91	15.9	15.92	17	0
3	16QAM	8	4	15.89	15.78	15.83		
3	16QAM	8	7	15.87	15.82	15.9		
3	16QAM	15	0	15.74	15.84	15.82		
3	64QAM	1	0	15.94	15.82	15.86	17	0
3	64QAM	1	8	15.93	15.98	15.9		
3	64QAM	1	14	15.78	15.78	15.75		
3	64QAM	8	0	15.94	15.91	15.93	17	0
3	64QAM	8	4	15.69	15.69	15.72		
3	64QAM	8	7	15.77	15.73	15.76		
3	64QAM	15	0	15.72	15.77	15.75		
3	256QAM	1	0	15.94	15.77	15.91	17	0
3	256QAM	1	8	15.84	15.74	15.77		
3	256QAM	1	14	15.93	15.94	15.92		
3	256QAM	8	0	15.82	15.91	15.82	17	0
3	256QAM	8	4	15.93	15.86	15.95		
3	256QAM	8	7	15.84	15.91	16.00		
3	256QAM	15	0	15.89	15.87	15.79		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.99	15.92	15.9	17	0
1.4	QPSK	1	3	15.88	15.97	15.92		
1.4	QPSK	1	5	15.93	15.83	15.88		
1.4	QPSK	3	0	15.89	15.88	15.96		
1.4	QPSK	3	1	15.78	15.72	15.77		
1.4	QPSK	3	3	15.73	15.77	15.7		
1.4	QPSK	6	0	15.82	15.86	15.75	17	0
1.4	16QAM	1	0	15.9	15.8	15.86	17	0
1.4	16QAM	1	3	15.89	15.97	15.9		
1.4	16QAM	1	5	15.83	15.76	15.81		
1.4	16QAM	3	0	15.93	15.95	15.99		
1.4	16QAM	3	1	15.85	15.8	15.8		
1.4	16QAM	3	3	15.8	15.83	15.79		
1.4	16QAM	6	0	15.78	15.82	15.78	17	0
1.4	64QAM	1	0	15.82	15.9	15.82	17	0
1.4	64QAM	1	3	15.95	15.87	15.97		
1.4	64QAM	1	5	15.85	15.74	15.87		
1.4	64QAM	3	0	15.96	15.88	15.89		
1.4	64QAM	3	1	15.66	15.74	15.72		
1.4	64QAM	3	3	15.7	15.69	15.77		
1.4	64QAM	6	0	15.74	15.75	15.72	17	0
1.4	256QAM	1	0	15.85	15.85	15.94	17	0
1.4	256QAM	1	3	15.82	15.81	15.74		
1.4	256QAM	1	5	16	15.95	15.98		
1.4	256QAM	3	0	15.92	15.94	15.94		
1.4	256QAM	3	1	15.9	15.85	15.82		
1.4	256QAM	3	3	15.95	15.95	15.85		
1.4	256QAM	6	0	15.87	15.78	15.88	17	0

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25	25	0
20	QPSK	1	49	24.28	24.17	24.21		
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13	24	1
20	QPSK	50	24	23.24	23.23	23.21		
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81	24	1
20	16QAM	1	49	22.73	22.81	22.66		
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07	23	2
20	16QAM	50	24	22.14	22.24	22.11		
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18	23	2
20	64QAM	1	49	22.35	22.37	22.29		
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17	22	3
20	64QAM	50	24	21.18	21.21	21.14		
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90	20	5
20	256QAM	1	49	19.11	19.16	19.01		
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15	20	5
20	256QAM	50	24	19.20	19.27	19.20		
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2	25	0
15	QPSK	1	37	24.19	24.09	24.11		
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07	24	1
15	QPSK	36	20	23.18	23.08	23.11		
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69	24	1
15	16QAM	1	37	22.68	22.75	22.59		
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98	23	2
15	16QAM	36	20	22.03	22.13	22.06		
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05	23	2
15	64QAM	1	37	22.23	22.28	22.22		
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05	22	3
15	64QAM	36	20	21.05	21.11	21		
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79	20	5
15	256QAM	1	37	19.00	19.05	18.92		
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08	20	5
15	256QAM	36	20	19.10	19.16	19.08		
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12	25	0
10	QPSK	1	25	24.15	24.08	24.12		
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08	24	1
10	QPSK	25	12	23.18	23.11	23.14		
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66	24	1
10	16QAM	1	25	22.6	22.73	22.61		
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94	23	2
10	16QAM	25	12	22.02	22.14	21.96		
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08	23	2
10	64QAM	1	25	22.27	22.3	22.24		
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08	22	3
10	64QAM	25	12	21.11	21.11	20.98		
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80	20	5
10	256QAM	1	25	18.95	19.03	18.92		
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07	20	5
10	256QAM	25	12	19.07	19.16	19.12		
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15	25	0
5	QPSK	1	12	24.22	24.05	24.08		
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01	24	1
5	QPSK	12	7	23.16	23.15	23.12		
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75	24	1
5	16QAM	1	12	22.59	22.65	22.61		
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97	23	2
5	16QAM	12	7	22.05	22.18	22.06		
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1	23	2
5	64QAM	1	12	22.28	22.26	22.19		
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02	22	3
5	64QAM	12	7	21.09	21.09	21.09		
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83	20	5
5	256QAM	1	12	18.99	19.08	18.95		
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10	20	5
5	256QAM	12	7	19.13	19.12	19.13		
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15	25	0
3	QPSK	1	8	24.19	24.11	24.07		
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07	24	1
3	QPSK	8	4	23.14	23.1	23.09		
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66	24	1
3	16QAM	1	8	22.61	22.74	22.61		
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92	23	2
3	16QAM	8	4	22.02	22.17	22.03		
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08	23	2
3	64QAM	1	8	22.23	22.24	22.21		
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11	22	3
3	64QAM	8	4	21.12	21.13	21.06		
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76	20	5
3	256QAM	1	8	18.99	19.11	18.92		
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04	20	5
3	256QAM	8	4	19.09	19.11	19.14		
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19	25	0
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138		
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	25	0
1.4	16QAM	1	0	22.73	22.92	22.65	25	0
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74		
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	25	0
1.4	64QAM	1	0	22.06	22.13	22.1	25	0
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08		
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	25	0
1.4	256QAM	1	0	18.92	18.95	18.78	25	0
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86		
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	25	0

Band 66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.38	22.41	22.37	23	0
20	QPSK	1	49	22.4	22.27	22.37		
20	QPSK	1	99	22.32	22.16	22.32		
20	QPSK	50	0	22.38	22.39	22.17	23	0
20	QPSK	50	24	22.31	22.24	22.23		
20	QPSK	50	50	22.23	22.18	22.26		
20	QPSK	100	0	22.25	22.28	22.24		
20	16QAM	1	0	22.09	22.02	21.88	23	0
20	16QAM	1	49	21.98	21.92	21.82		
20	16QAM	1	99	21.91	21.91	21.75		
20	16QAM	50	0	21.22	21.23	21.13	22	1
20	16QAM	50	24	21.21	21.17	21.11		
20	16QAM	50	50	21.27	21.18	21.03		
20	16QAM	100	0	21.2	21.2	21.13		
20	64QAM	1	0	21.31	21.32	21.21	22	1
20	64QAM	1	49	21.46	21.41	21.36		
20	64QAM	1	99	21.43	21.35	21.28		
20	64QAM	50	0	20.28	20.25	20.15	21	2
20	64QAM	50	24	20.24	20.24	20.08		
20	64QAM	50	50	20.24	20.18	20.11		
20	64QAM	100	0	20.22	20.2	20.05		
20	256QAM	1	0	18.12	18.13	18.04	19	4
20	256QAM	1	49	18.30	18.24	18.11		
20	256QAM	1	99	18.25	18.21	18.12		
20	256QAM	50	0	18.23	18.23	18.16	19	4
20	256QAM	50	24	18.16	18.16	18.05		
20	256QAM	50	50	18.28	18.18	18.03		
20	256QAM	100	0	18.23	18.24	18.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.25	22.31	23	0
15	QPSK	1	37	22.25	22.21	22.25		
15	QPSK	1	74	22.19	22.01	22.26		
15	QPSK	36	0	22.24	22.27	22.05	23	0
15	QPSK	36	20	22.17	22.17	22.13		
15	QPSK	36	39	22.13	22.05	22.13		
15	QPSK	75	0	22.09	22.13	22.15		
15	16QAM	1	0	22.02	21.96	21.72	23	0
15	16QAM	1	37	21.89	21.87	21.76		
15	16QAM	1	74	21.85	21.84	21.68		
15	16QAM	36	0	21.13	21.12	21.03	22	1
15	16QAM	36	20	21.06	21.02	21.06		
15	16QAM	36	39	21.11	21.1	20.93		
15	16QAM	75	0	21.11	21.09	21.03		
15	64QAM	1	0	21.2	21.25	21.1	22	1
15	64QAM	1	37	21.33	21.29	21.3		
15	64QAM	1	74	21.32	21.24	21.23		
15	64QAM	36	0	20.22	20.14	20.07	21	2
15	64QAM	36	20	20.16	20.16	19.93		
15	64QAM	36	39	20.13	20.04	19.96		
15	64QAM	75	0	20.15	20.15	19.91		
15	256QAM	1	0	18.04	17.97	17.94	19	4
15	256QAM	1	37	18.15	18.16	17.96		
15	256QAM	1	74	18.17	18.06	18.02		
15	256QAM	36	0	18.08	18.16	18.09	19	4
15	256QAM	36	20	18.01	18.01	17.92		
15	256QAM	36	39	18.19	18.06	17.87		
15	256QAM	75	0	18.18	18.13	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.33	22.27	22.24	23	0
10	QPSK	1	25	22.31	22.13	22.31		
10	QPSK	1	49	22.21	22.1	22.21		
10	QPSK	25	0	22.27	22.23	22.1	23	0
10	QPSK	25	12	22.22	22.19	22.15		
10	QPSK	25	25	22.17	22.09	22.2		
10	QPSK	50	0	22.1	22.13	22.13		
10	16QAM	1	0	22.02	21.91	21.76	23	0
10	16QAM	1	25	21.83	21.79	21.72		
10	16QAM	1	49	21.8	21.82	21.67		
10	16QAM	25	0	21.08	21.11	20.98	22	1
10	16QAM	25	12	21.15	21.12	21.06		
10	16QAM	25	25	21.16	21.02	20.93		
10	16QAM	50	0	21.15	21.13	21.04		
10	64QAM	1	0	21.18	21.26	21.16	22	1
10	64QAM	1	25	21.38	21.3	21.29		
10	64QAM	1	49	21.32	21.3	21.19		
10	64QAM	25	0	20.12	20.15	20.09	21	2
10	64QAM	25	12	20.12	20.09	19.97		
10	64QAM	25	25	20.18	20.09	20.05		
10	64QAM	50	0	20.1	20.08	19.91		
10	256QAM	1	0	18.04	17.97	17.99	19	4
10	256QAM	1	25	18.14	18.14	17.98		
10	256QAM	1	49	18.14	18.13	18.00		
10	256QAM	25	0	18.16	18.17	18.03	19	4
10	256QAM	25	12	18.10	18.04	17.95		
10	256QAM	25	25	18.22	18.09	17.95		
10	256QAM	50	0	18.14	18.12	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.27	22.25	23	0
5	QPSK	1	12	22.27	22.13	22.26		
5	QPSK	1	24	22.25	22.06	22.22		
5	QPSK	12	0	22.24	22.33	22.11	23	0
5	QPSK	12	7	22.2	22.1	22.07		
5	QPSK	12	13	22.12	22.07	22.13		
5	QPSK	25	0	22.17	22.14	22.16		
5	16QAM	1	0	21.93	21.91	21.76	23	0
5	16QAM	1	12	21.92	21.86	21.69		
5	16QAM	1	24	21.82	21.86	21.64		
5	16QAM	12	0	21.14	21.13	21.04	22	1
5	16QAM	12	7	21.07	21.02	21.05		
5	16QAM	12	13	21.16	21.13	20.87		
5	16QAM	25	0	21.07	21.13	21.03		
5	64QAM	1	0	21.16	21.21	21.12	22	1
5	64QAM	1	12	21.31	21.35	21.3		
5	64QAM	1	24	21.35	21.19	21.15		
5	64QAM	12	0	20.19	20.14	20.09	21	2
5	64QAM	12	7	20.17	20.15	19.94		
5	64QAM	12	13	20.13	20.06	20.04		
5	64QAM	25	0	20.17	20.1	19.9		
5	256QAM	1	0	18.00	18.08	17.94	19	4
5	256QAM	1	12	18.22	18.16	17.97		
5	256QAM	1	24	18.12	18.11	18.01		
5	256QAM	12	0	18.11	18.16	18.01	19	4
5	256QAM	12	7	18.00	18.11	17.96		
5	256QAM	12	13	18.16	18.06	17.88		
5	256QAM	25	0	18.16	18.12	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.25	22.26	23	0
3	QPSK	1	8	22.33	22.2	22.21		
3	QPSK	1	14	22.16	22.04	22.25		
3	QPSK	8	0	22.27	22.31	22.03	23	0
3	QPSK	8	4	22.15	22.12	22.16		
3	QPSK	8	7	22.13	22.13	22.18		
3	QPSK	15	0	22.14	22.21	22.19		
3	16QAM	1	0	21.98	21.88	21.73	23	0
3	16QAM	1	8	21.83	21.8	21.77		
3	16QAM	1	14	21.84	21.81	21.69		
3	16QAM	8	0	21.12	21.15	21.03	22	1
3	16QAM	8	4	21.12	21.03	21.03		
3	16QAM	8	7	21.15	21.13	20.87		
3	16QAM	15	0	21.04	21.15	21.07		
3	64QAM	1	0	21.18	21.23	21.1	22	1
3	64QAM	1	8	21.32	21.28	21.26		
3	64QAM	1	14	21.3	21.25	21.21		
3	64QAM	8	0	20.13	20.11	20.09	21	2
3	64QAM	8	4	20.11	20.17	20.03		
3	64QAM	8	7	20.13	20.02	20.05		
3	64QAM	15	0	20.13	20.15	19.92		
3	256QAM	1	0	18.05	17.98	17.99	19	4
3	256QAM	1	8	18.24	18.19	17.95		
3	256QAM	1	14	18.17	18.06	18.06		
3	256QAM	8	0	18.08	18.18	18.08	19	4
3	256QAM	8	4	18.08	18.11	17.90		
3	256QAM	8	7	18.23	18.02	17.97		
3	256QAM	15	0	18.13	18.11	17.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.29	22.26	22.26	23	0
1.4	QPSK	1	3	22.26	22.13	22.24		
1.4	QPSK	1	5	22.21	22	22.19		
1.4	QPSK	3	0	22.22	22.24	22.04		
1.4	QPSK	3	1	22.25	22.13	22.18		
1.4	QPSK	3	3	22.12	22.06	22.15		
1.4	QPSK	6	0	22.15	22.23	22.17	23	0
1.4	16QAM	1	0	21.96	21.91	21.73	23	0
1.4	16QAM	1	3	21.9	21.85	21.71		
1.4	16QAM	1	5	21.86	21.82	21.67		
1.4	16QAM	3	0	21.96	21.94	21.84		
1.4	16QAM	3	1	21.92	21.86	21.76		
1.4	16QAM	3	3	21.93	21.86	21.69		
1.4	16QAM	6	0	21.11	21.06	21.01	23	0
1.4	64QAM	1	0	21.24	21.21	21.11	23	0
1.4	64QAM	1	3	21.3	21.34	21.25		
1.4	64QAM	1	5	21.31	21.25	21.2		
1.4	64QAM	3	0	21.02	20.98	20.84		
1.4	64QAM	3	1	20.94	20.99	20.75		
1.4	64QAM	3	3	20.93	20.9	20.78		
1.4	64QAM	6	0	20.14	20.1	19.99	23	0
1.4	256QAM	1	0	18.00	17.97	17.96	23	0
1.4	256QAM	1	3	18.17	18.10	17.96		
1.4	256QAM	1	5	18.13	18.07	17.98		
1.4	256QAM	3	0	18.12	18.17	18.09		
1.4	256QAM	3	1	18.08	18.08	17.97		
1.4	256QAM	3	3	18.13	18.12	17.95		
1.4	256QAM	6	0	18.15	18.08	18.03	23	0

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92	25	0
20	QPSK	1	49	23.85	23.88	23.86		
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94	24	1
20	QPSK	50	24	22.92	22.91	22.89		
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24	24	1
20	16QAM	1	49	23.17	23.25	23.18		
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91	23	2
20	16QAM	50	24	21.92	21.91	21.9		
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39	23	2
20	64QAM	1	49	22.24	22.3	22.29		
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24	22	3
20	64QAM	50	24	21.28	21.21	21.22		
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85	20	5
20	256QAM	1	49	18.92	18.99	18.90		
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83	20	5
20	256QAM	50	24	18.85	18.83	18.79		
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93	25	0
15	QPSK	1	37	23.78	23.87	23.81		
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83	24	1
15	QPSK	36	20	22.88	22.88	22.84		
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19	24	1
15	16QAM	1	37	23.08	23.21	23.17		
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9	23	2
15	16QAM	36	20	21.93	21.83	21.8		
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36	23	2
15	64QAM	1	37	22.17	22.24	22.22		
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21	22	3
15	64QAM	36	20	21.2	21.15	21.17		
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82	20	5
15	256QAM	1	37	18.85	18.95	18.98		
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82	20	5
15	256QAM	36	20	18.82	18.77	18.76		
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89	25	0
10	QPSK	1	25	23.84	23.84	23.81		
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91	24	1
10	QPSK	25	12	22.88	22.85	22.82		
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16	24	1
10	16QAM	1	25	23.13	23.2	23.17		
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89	23	2
10	16QAM	25	12	21.85	21.87	21.88		
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3	23	2
10	64QAM	1	25	22.18	22.22	22.25		
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18	22	3
10	64QAM	25	12	21.2	21.16	21.19		
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82	20	5
10	256QAM	1	25	18.90	19.02	18.96		
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78	20	5
10	256QAM	25	12	18.80	18.76	18.78		
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9	25	0
5	QPSK	1	12	23.79	23.87	23.84		
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15	24	1
5	16QAM	1	12	23.16	23.16	23.09		
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89	23	2
5	16QAM	12	7	21.84	21.86	21.82		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35	23	2
5	64QAM	1	12	22.19	22.26	22.25		
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23	22	3
5	64QAM	12	7	21.19	21.14	21.17		
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79	20	5
5	256QAM	1	12	18.92	18.99	18.93		
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84	20	5
5	256QAM	12	7	18.81	18.76	18.73		
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	15.78	15.81	15.76	16.5	0
20	QPSK	1	49	15.69	15.72	15.72		
20	QPSK	50	0	15.63	15.66	15.71	16.5	0
20	QPSK	50	25	15.62	15.65	15.64		
20	QPSK	50	50	15.59	15.65	15.62		
20	QPSK	100	0	15.58	15.61	15.64		
20	QPSK	100	50	15.58	15.70	15.74		
20	16QAM	1	0	15.72	15.74	15.68	16.5	0
20	16QAM	1	49	15.67	15.64	15.68		
20	16QAM	1	99	15.62	15.65	15.59		
20	16QAM	50	0	15.58	15.66	15.62	16.5	0
20	16QAM	50	25	15.54	15.63	15.54		
20	16QAM	50	50	15.47	15.53	15.61		
20	16QAM	100	0	15.57	15.69	15.68		
20	64QAM	1	0	15.67	15.67	15.59	16.5	0
20	64QAM	1	49	15.62	15.6	15.63		
20	64QAM	1	99	15.55	15.61	15.5		
20	64QAM	50	0	15.55	15.63	15.54	16.5	0
20	64QAM	50	25	15.44	15.59	15.42		
20	64QAM	50	50	15.45	15.46	15.52		
20	64QAM	100	0	15.47	15.57	15.68		
20	256QAM	1	0	15.48	15.58	15.54	16.5	0
20	256QAM	1	49	15.40	15.55	15.39		
20	256QAM	1	99	15.43	15.55	15.48		
20	256QAM	50	0	15.46	15.51	15.48	16.5	0
20	256QAM	50	25	15.39	15.53	15.33		
20	256QAM	50	50	15.41	15.34	15.48		
20	256QAM	100	0	15.46	15.56	15.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	15.75	15.74	15.63	16.5	0
15	QPSK	1	37	15.65	15.67	15.57		
15	QPSK	1	74	15.62	15.63	15.63		
15	QPSK	36	0	15.57	15.62	15.56	16.5	0
15	QPSK	36	20	15.55	15.3	15.64		
15	QPSK	36	39	15.58	15.57	15.66		
15	QPSK	75	0	15.55	15.66	15.72		
15	16QAM	1	0	15.66	15.68	15.64	16.5	0
15	16QAM	1	37	15.57	15.55	15.61		
15	16QAM	1	74	15.58	15.59	15.63		
15	16QAM	36	0	15.42	15.67	15.6	16.5	0
15	16QAM	36	20	15.58	15.59	15.48		
15	16QAM	36	39	15.48	15.49	15.48		
15	16QAM	75	0	15.5	15.67	15.62		
15	64QAM	1	0	15.6	15.58	15.53	16.5	0
15	64QAM	1	37	15.51	15.52	15.48		
15	64QAM	1	74	15.46	15.48	15.54		
15	64QAM	36	0	15.46	15.46	15.53	16.5	0
15	64QAM	36	20	15.31	15.57	15.42		
15	64QAM	36	39	15.34	15.31	15.39		
15	64QAM	75	0	15.45	15.58	15.72		
15	256QAM	1	0	15.64	15.57	15.5	16.5	0
15	256QAM	1	37	15.54	15.56	15.59		
15	256QAM	1	74	15.54	15.53	15.41		
15	256QAM	36	0	15.45	15.58	15.47	16.5	0
15	256QAM	36	20	15.42	15.54	15.38		
15	256QAM	36	39	15.35	15.43	15.51		
15	256QAM	75	0	15.37	15.46	15.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
10	QPSK	1	0	15.72	15.75	15.68	16.5	0
10	QPSK	1	25	15.63	15.58	15.64		
10	QPSK	1	49	15.53	15.52	15.71		
10	QPSK	25	0	15.53	15.66	15.68	16.5	0
10	QPSK	25	12	15.48	15.66	15.54		
10	QPSK	25	25	15.45	15.46	15.66		
10	QPSK	50	0	15.57	15.69	15.63		
10	16QAM	1	0	15.69	15.77	15.58	16.5	0
10	16QAM	1	25	15.6	15.63	15.53		
10	16QAM	1	49	15.58	15.58	15.61		
10	16QAM	25	0	15.55	15.54	15.5	16.5	0
10	16QAM	25	12	15.4	15.49	15.55		
10	16QAM	25	25	15.4	15.51	15.63		
10	16QAM	50	0	15.58	15.61	15.54		
10	64QAM	1	0	15.65	15.4	15.46	16.5	0
10	64QAM	1	25	15.63	15.52	15.67		
10	64QAM	1	49	15.45	15.58	15.35		
10	64QAM	25	0	15.46	15.61	15.39	16.5	0
10	64QAM	25	12	15.39	15.55	15.32		
10	64QAM	25	25	15.48	15.43	15.41		
10	64QAM	50	0	15.44	15.48	15.59		
10	256QAM	1	0	15.55	15.59	15.56	16.5	0
10	256QAM	1	25	15.58	15.51	15.51		
10	256QAM	1	49	15.53	15.60	15.45		
10	256QAM	25	0	15.43	15.56	15.53	16.5	0
10	256QAM	25	12	15.39	15.44	15.43		
10	256QAM	25	25	15.46	15.56	15.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	15.73	15.68	15.78	16.5	0
5	QPSK	1	12	15.62	15.59	15.76		
5	QPSK	1	24	15.58	15.64	15.58		
5	QPSK	12	0	15.62	15.72	15.67	16.5	0
5	QPSK	12	7	15.55	15.64	15.59		
5	QPSK	12	13	15.56	15.65	15.54		
5	QPSK	25	0	15.7	15.65	15.64		
5	16QAM	1	0	15.65	15.59	15.72	16.5	0
5	16QAM	1	12	15.53	15.59	15.6		
5	16QAM	1	24	15.49	15.67	15.61		
5	16QAM	12	0	15.59	15.67	15.61	16.5	0
5	16QAM	12	7	15.45	15.57	15.54		
5	16QAM	12	13	15.47	15.45	15.67		
5	16QAM	25	0	15.45	15.65	15.71		
5	64QAM	1	0	15.58	15.65	15.44	16.5	0
5	64QAM	1	12	15.52	15.59	15.63		
5	64QAM	1	24	15.59	15.49	15.42		
5	64QAM	12	0	15.53	15.45	15.69	16.5	0
5	64QAM	12	7	15.38	15.63	15.27		
5	64QAM	12	13	15.52	15.32	15.39		
5	64QAM	25	0	15.43	15.47	15.69		
5	256QAM	1	0	15.58	15.51	15.53	16.5	0
5	256QAM	1	12	15.51	15.51	15.54		
5	256QAM	1	24	15.48	15.53	15.46		
5	256QAM	12	0	15.53	15.60	15.42	16.5	0
5	256QAM	12	7	15.38	15.53	15.32		
5	256QAM	12	13	15.37	15.37	15.41		
5	256QAM	25	0	15.40	15.47	15.59		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	18.08	18.36	18.1	19.5	0
20	QPSK	1	49	18.14	18.31	18.02		
20	QPSK	50	0	18.16	18.28	18.02	19.5	0
20	QPSK	50	25	18.16	18.27	18.22		
20	QPSK	50	24	18.16	18.19	18.18		
20	QPSK	50	50	18.24	18.11	18.24		
20	QPSK	100	0	18.12	18.23	18.1		
20	16QAM	1	0	18.21	18.29	18.2	19.5	0
20	16QAM	1	49	18.16	18.12	18.22		
20	16QAM	1	99	18.24	18.1	18.1		
20	16QAM	50	0	18.2	18.18	18.13	19.5	0
20	16QAM	50	24	18.17	18.23	18.13		
20	16QAM	50	50	18.17	18.01	18.2		
20	16QAM	100	0	18.13	18.01	18.1		
20	64QAM	1	0	18.24	18.28	18.15	19.5	0
20	64QAM	1	49	18.24	18.16	18.07		
20	64QAM	1	99	18.07	18.04	18.18		
20	64QAM	50	0	18.11	18.17	18.15	19.5	0
20	64QAM	50	24	18.11	18.1	18.19		
20	64QAM	50	50	18.06	18.09	18.16		
20	64QAM	100	0	18.19	18.1	18.04		
20	256QAM	1	0	18.13	18.27	18.18	19.5	0
20	256QAM	1	49	18.19	18.04	18.09		
20	256QAM	1	99	18.05	18.11	18.13		
20	256QAM	50	0	18.07	18.26	18.19	19.5	0
20	256QAM	50	24	18.11	18.08	18.18		
20	256QAM	50	50	18.18	18.09	18.09		
20	256QAM	100	0	18.13	18.03	18.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	18.03	18.29	17.99	19.5	0
15	QPSK	1	37	18.03	18.12	17.94		
15	QPSK	1	74	18.02	17.99	17.97		
15	QPSK	36	0	18.12	18.15	18.14	19.5	0
15	QPSK	36	20	18.15	18.12	18.1		
15	QPSK	36	39	18.15	18.04	18.2		
15	QPSK	75	0	18.11	18.16	18.02		
15	16QAM	1	0	18.15	18.23	18.08	19.5	0
15	16QAM	1	37	18.1	18.09	18.11		
15	16QAM	1	74	18.16	18.05	18.01		
15	16QAM	36	0	18.19	18.09	18.1	19.5	0
15	16QAM	36	20	18.08	18.19	18.01		
15	16QAM	36	39	18.12	17.95	18.15		
15	16QAM	75	0	18.1	17.98	17.99		
15	64QAM	1	0	18.18	18.21	18.11	19.5	0
15	64QAM	1	37	17.94	18.14	17.95		
15	64QAM	1	74	17.96	18.03	18.1		
15	64QAM	36	0	18.05	18.16	18.04	19.5	0
15	64QAM	36	20	18.04	18.05	18.07		
15	64QAM	36	39	18.01	18.05	18.14		
15	64QAM	75	0	18.17	17.98	17.99		
15	256QAM	1	0	18.09	18.17	18.11	19.5	0
15	256QAM	1	37	18.06	17.98	18.06		
15	256QAM	1	74	18.02	18.09	18.07		
15	256QAM	36	0	17.97	18.23	18.17	19.5	0
15	256QAM	36	20	18.08	17.96	18.17		
15	256QAM	36	39	18.13	17.93	17.97		
15	256QAM	75	0	18.09	17.91	18.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
10	QPSK	1	0	18.04	18.3	18.03	19.5	0
10	QPSK	1	25	18.04	18.12	17.97		
10	QPSK	1	49	17.97	17.99	17.96		
10	QPSK	25	0	18.04	18.23	18.11	19.5	0
10	QPSK	25	12	18.12	18.14	18.16		
10	QPSK	25	25	18.17	18.02	18.14		
10	QPSK	50	0	18.04	18.11	18		
10	16QAM	1	0	18.17	18.23	18.12	19.5	0
10	16QAM	1	25	18.15	18.02	18.13		
10	16QAM	1	49	18.22	18.05	18		
10	16QAM	25	0	18.15	18.06	18.02	19.5	0
10	16QAM	25	12	18.08	18.17	18.07		
10	16QAM	25	25	18.14	17.97	18.11		
10	16QAM	50	0	18.02	18	17.98		
10	64QAM	1	0	18.12	18.21	18.09	19.5	0
10	64QAM	1	25	18.02	18.13	18		
10	64QAM	1	49	18.03	18.02	18.13		
10	64QAM	25	0	18.03	18.11	18.04	19.5	0
10	64QAM	25	12	18.02	17.99	18.07		
10	64QAM	25	25	18.02	17.97	18.11		
10	64QAM	50	0	18.16	18	18.03		
10	256QAM	1	0	18.09	18.24	18.15	19.5	0
10	256QAM	1	25	18.15	18.03	18.08		
10	256QAM	1	49	17.94	18.04	18.12		
10	256QAM	25	0	17.96	18.23	18.07	19.5	0
10	256QAM	25	12	18.08	17.99	18.07		
10	256QAM	25	25	18.14	17.89	18.04		
10	256QAM	50	0	18.11	17.94	18.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	18.03	18.32	18.04	19.5	0
5	QPSK	1	12	18.09	18.19	17.96		
5	QPSK	1	24	17.96	17.98	17.93		
5	QPSK	12	0	18.18	18.16	18.21	19.5	0
5	QPSK	12	7	18.17	18.07	18.15		
5	QPSK	12	13	18.22	18.03	18.14		
5	QPSK	25	0	18.05	18.13	18.04		
5	16QAM	1	0	18.16	18.2	18.12	19.5	0
5	16QAM	1	12	18.15	18.09	18.11		
5	16QAM	1	24	18.21	18.08	18.08		
5	16QAM	12	0	18.12	18.11	18.01	19.5	0
5	16QAM	12	7	18.05	18.11	18.09		
5	16QAM	12	13	18.07	17.92	18.15		
5	16QAM	25	0	18.02	17.96	18.02		
5	64QAM	1	0	18.21	18.22	18.08	19.5	0
5	64QAM	1	12	17.96	18.1	17.98		
5	64QAM	1	24	17.96	17.98	18.12		
5	64QAM	12	0	18.09	18.11	18.03	19.5	0
5	64QAM	12	7	18.07	17.98	18.1		
5	64QAM	12	13	18.03	18	18.04		
5	64QAM	25	0	18.1	17.99	17.99		
5	256QAM	1	0	18.03	18.18	18.14	19.5	0
5	256QAM	1	12	18.14	17.94	18.01		
5	256QAM	1	24	17.93	18.09	18.06		
5	256QAM	12	0	18.03	18.02	18.13	19.5	0
5	256QAM	12	7	18.10	17.96	18.15		
5	256QAM	12	13	18.09	17.92	18.05		
5	256QAM	25	0	18.12	17.97	18.05		

Band 38_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	17.42	17.61	17.35	18.5	0
20	QPSK	1	49	17.42	17.47	17.42		
20	QPSK	1	99	17.39	17.4	17.35		
20	QPSK	50	0	17.3	17.46	17.33	18.5	0
20	QPSK	50	24	17.4	17.42	17.29		
20	QPSK	50	50	17.34	17.4	17.39		
20	QPSK	100	0	17.31	17.38	17.31		
20	16QAM	1	0	17.38	17.39	17.27	18.5	0
20	16QAM	1	49	17.41	17.46	17.31		
20	16QAM	1	99	17.29	17.37	17.34		
20	16QAM	50	0	17.27	17.39	17.25	18.5	0
20	16QAM	50	24	17.36	17.33	17.21		
20	16QAM	50	50	17.26	17.34	17.31		
20	16QAM	100	0	17.29	17.31	17.25		
20	64QAM	1	0	17.36	17.44	17.24	18.5	0
20	64QAM	1	49	17.36	17.41	17.37		
20	64QAM	1	99	17.36	17.38	17.31		
20	64QAM	50	0	17.23	17.36	17.24	18.5	0
20	64QAM	50	24	17.34	17.37	17.2		
20	64QAM	50	50	17.22	17.34	17.32		
20	64QAM	100	0	17.26	17.36	17.23		
20	256QAM	1	0	17.29	17.39	17.23	18.5	0
20	256QAM	1	49	17.45	17.38	17.33		
20	256QAM	1	99	17.35	17.33	17.23		
20	256QAM	50	0	17.24	17.41	17.32	18.5	0
20	256QAM	50	24	17.35	17.38	17.32		
20	256QAM	50	50	17.33	17.38	17.31		
20	256QAM	100	0	17.24	17.34	17.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	17.38	17.42	17.32	18.5	0
15	QPSK	1	37	17.38	17.4	17.39		
15	QPSK	1	74	17.27	17.31	17.25		
15	QPSK	36	0	17.2	17.45	17.28	18.5	0
15	QPSK	36	20	17.36	17.41	17.21		
15	QPSK	36	39	17.33	17.37	17.32		
15	QPSK	75	0	17.26	17.32	17.19		
15	16QAM	1	0	17.28	17.3	17.21	18.5	0
15	16QAM	1	37	17.29	17.41	17.29		
15	16QAM	1	74	17.27	17.27	17.31		
15	16QAM	36	0	17.17	17.27	17.24	18.5	0
15	16QAM	36	20	17.3	17.22	17.13		
15	16QAM	36	39	17.26	17.33	17.3		
15	16QAM	75	0	17.22	17.2	17.19		
15	64QAM	1	0	17.3	17.38	17.15	18.5	0
15	64QAM	1	37	17.26	17.31	17.25		
15	64QAM	1	74	17.3	17.29	17.24		
15	64QAM	36	0	17.17	17.32	17.18	18.5	0
15	64QAM	36	20	17.23	17.28	17.09		
15	64QAM	36	39	17.12	17.31	17.24		
15	64QAM	75	0	17.17	17.24	17.14		
15	256QAM	1	0	17.27	17.32	17.13	18.5	0
15	256QAM	1	37	17.35	17.36	17.23		
15	256QAM	1	74	17.23	17.26	17.17		
15	256QAM	36	0	17.23	17.33	17.26	18.5	0
15	256QAM	36	20	17.25	17.27	17.18		
15	256QAM	36	39	17.26	17.28	17.27		
15	256QAM	75	0	17.23	17.30	17.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
10	QPSK	1	0	17.4	17.5	17.25	18.5	0
10	QPSK	1	25	17.36	17.45	17.34		
10	QPSK	1	49	17.31	17.33	17.33		
10	QPSK	25	0	17.24	17.45	17.32	18.5	0
10	QPSK	25	12	17.36	17.4	17.38		
10	QPSK	25	25	17.24	17.33	17.36		
10	QPSK	50	0	17.26	17.33	17.21		
10	16QAM	1	0	17.31	17.3	17.21	18.5	0
10	16QAM	1	25	17.36	17.36	17.19		
10	16QAM	1	49	17.28	17.27	17.28		
10	16QAM	25	0	17.15	17.36	17.16	18.5	0
10	16QAM	25	12	17.27	17.29	17.15		
10	16QAM	25	25	17.16	17.25	17.28		
10	16QAM	50	0	17.16	17.21	17.24		
10	64QAM	1	0	17.34	17.4	17.14	18.5	0
10	64QAM	1	25	17.33	17.29	17.31		
10	64QAM	1	49	17.23	17.32	17.28		
10	64QAM	25	0	17.22	17.25	17.19	18.5	0
10	64QAM	25	12	17.31	17.3	17.18		
10	64QAM	25	25	17.2	17.27	17.24		
10	64QAM	50	0	17.22	17.35	17.22		
10	256QAM	1	0	17.29	17.37	17.23	18.5	0
10	256QAM	1	25	17.34	17.28	17.32		
10	256QAM	1	49	17.23	17.23	17.18		
10	256QAM	25	0	17.15	17.37	17.25	18.5	0
10	256QAM	25	12	17.35	17.29	17.30		
10	256QAM	25	25	17.18	17.37	17.19		
10	256QAM	50	0	17.25	17.27	17.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2607.5		
5	QPSK	1	0	17.37	17.42	17.29	18.5	0
5	QPSK	1	12	17.31	17.38	17.36		
5	QPSK	1	24	17.3	17.28	17.3		
5	QPSK	12	0	17.21	17.4	17.25	18.5	0
5	QPSK	12	7	17.26	17.32	17.18		
5	QPSK	12	13	17.29	17.3	17.33		
5	QPSK	25	0	17.23	17.32	17.3		
5	16QAM	1	0	17.27	17.28	17.21	18.5	0
5	16QAM	1	12	17.3	17.43	17.26		
5	16QAM	1	24	17.22	17.25	17.28		
5	16QAM	12	0	17.19	17.34	17.13	18.5	0
5	16QAM	12	7	17.24	17.27	17.17		
5	16QAM	12	13	17.25	17.25	17.25		
5	16QAM	25	0	17.24	17.24	17.13		
5	64QAM	1	0	17.28	17.42	17.15	18.5	0
5	64QAM	1	12	17.3	17.38	17.31		
5	64QAM	1	24	17.28	17.33	17.22		
5	64QAM	12	0	17.16	17.27	17.12	18.5	0
5	64QAM	12	7	17.24	17.29	17.15		
5	64QAM	12	13	17.19	17.3	17.27		
5	64QAM	25	0	17.15	17.26	17.11		
5	256QAM	1	0	17.32	17.37	17.18	18.5	0
5	256QAM	1	12	17.28	17.29	17.28		
5	256QAM	1	24	17.34	17.23	17.21		
5	256QAM	12	0	17.18	17.32	17.23	18.5	0
5	256QAM	12	7	17.25	17.28	17.19		
5	256QAM	12	13	17.18	17.37	17.32		
5	256QAM	25	0	17.16	17.32	17.20		

Band 41_ANT 2

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	15.84	15.87	15.86	15.81	15.79	16.5	0
20	QPSK	1	49	15.82	15.81	15.81	15.77	15.76		
20	QPSK	1	99	15.73	15.85	15.85	15.78	15.73		
20	QPSK	50	0	15.78	15.85	15.74	15.79	15.68	16.5	0
20	QPSK	50	24	15.74	15.79	15.77	15.77	15.68		
20	QPSK	50	50	15.76	15.76	15.77	15.73	15.74		
20	QPSK	100	0	15.77	15.81	15.77	15.77	15.74		
20	16QAM	1	0	15.79	15.76	15.76	15.74	15.71	16.5	0
20	16QAM	1	49	15.78	15.69	15.78	15.66	15.73		
20	16QAM	1	99	15.62	15.79	15.75	15.72	15.68		
20	16QAM	50	0	15.71	15.76	15.72	15.73	15.57	16.5	0
20	16QAM	50	24	15.69	15.77	15.7	15.66	15.59		
20	16QAM	50	50	15.66	15.73	15.75	15.68	15.68		
20	16QAM	100	0	15.73	15.73	15.71	15.76	15.63		
20	64QAM	1	0	15.82	15.84	15.76	15.78	15.78	16.5	0
20	64QAM	1	49	15.77	15.8	15.8	15.71	15.66		
20	64QAM	1	99	15.63	15.76	15.84	15.75	15.65		
20	64QAM	50	0	15.68	15.74	15.63	15.69	15.56	16.5	0
20	64QAM	50	24	15.67	15.73	15.72	15.7	15.6		
20	64QAM	50	50	15.65	15.71	15.73	15.62	15.63		
20	64QAM	100	0	15.67	15.74	15.67	15.76	15.73		
20	256QAM	1	0	15.80	15.79	15.68	15.66	15.72	16.5	0
20	256QAM	1	49	15.69	15.73	15.76	15.68	15.56		
20	256QAM	1	99	15.57	15.75	15.74	15.68	15.54		
20	256QAM	50	0	15.56	15.65	15.58	15.66	15.51	16.5	0
20	256QAM	50	24	15.60	15.70	15.70	15.66	15.49		
20	256QAM	50	50	15.60	15.64	15.64	15.56	15.59		
20	256QAM	100	0	15.63	15.65	15.60	15.73	15.66		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.82	15.79	15.83	15.8	15.7	16.50	0
15	QPSK	1	37	15.75	15.79	15.75	15.71	15.74		
15	QPSK	1	74	15.69	15.78	15.73	15.7	15.61		
15	QPSK	36	0	15.66	15.73	15.68	15.71	15.63	16.5	0
15	QPSK	36	20	15.69	15.7	15.65	15.73	15.61		
15	QPSK	36	39	15.67	15.72	15.7	15.68	15.66		
15	QPSK	75	0	15.66	15.7	15.75	15.7	15.69		
15	16QAM	1	0	15.73	15.72	15.68	15.69	15.65	16.5	0
15	16QAM	1	37	15.72	15.58	15.72	15.64	15.69		
15	16QAM	1	74	15.6	15.74	15.66	15.62	15.65		
15	16QAM	36	0	15.63	15.7	15.69	15.64	15.45	16.5	0
15	16QAM	36	20	15.65	15.71	15.68	15.55	15.51		
15	16QAM	36	39	15.56	15.69	15.71	15.63	15.66		
15	16QAM	75	0	15.69	15.64	15.69	15.72	15.58		
15	64QAM	1	0	15.72	15.73	15.66	15.7	15.74	16.5	0
15	64QAM	1	37	15.67	15.73	15.74	15.69	15.58		
15	64QAM	1	74	15.53	15.68	15.73	15.71	15.56		
15	64QAM	36	0	15.6	15.67	15.55	15.59	15.49	16.5	0
15	64QAM	36	20	15.62	15.64	15.64	15.65	15.52		
15	64QAM	36	39	15.6	15.66	15.61	15.52	15.53		
15	64QAM	75	0	15.61	15.64	15.63	15.67	15.63		
15	256QAM	1	0	15.75	15.73	15.63	15.57	15.64	16.5	0
15	256QAM	1	37	15.58	15.64	15.66	15.61	15.50		
15	256QAM	1	74	15.55	15.68	15.70	15.59	15.52		
15	256QAM	36	0	15.45	15.59	15.55	15.65	15.48	16.5	0
15	256QAM	36	20	15.51	15.59	15.63	15.60	15.38		
15	256QAM	36	39	15.51	15.58	15.59	15.53	15.49		
15	256QAM	75	0	15.62	15.64	15.57	15.62	15.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.83	15.75	15.79	15.73	15.67	16.50	0
10	QPSK	1	25	15.7	15.73	15.8	15.68	15.74		
10	QPSK	1	49	15.67	15.8	15.84	15.74	15.68		
10	QPSK	25	0	15.75	15.78	15.66	15.67	15.67	16.5	0
10	QPSK	25	12	15.64	15.67	15.72	15.66	15.6		
10	QPSK	25	25	15.74	15.69	15.72	15.67	15.62		
10	QPSK	50	0	15.75	15.69	15.75	15.72	15.63		
10	16QAM	1	0	15.68	15.74	15.7	15.64	15.62	16.5	0
10	16QAM	1	25	15.68	15.6	15.71	15.6	15.67		
10	16QAM	1	49	15.61	15.76	15.64	15.68	15.63		
10	16QAM	25	0	15.68	15.66	15.64	15.67	15.51	16.5	0
10	16QAM	25	12	15.6	15.7	15.62	15.6	15.51		
10	16QAM	25	25	15.59	15.62	15.69	15.61	15.59		
10	16QAM	50	0	15.61	15.71	15.65	15.72	15.62		
10	64QAM	1	0	15.7	15.81	15.74	15.67	15.68	16.5	0
10	64QAM	1	25	15.76	15.7	15.77	15.61	15.65		
10	64QAM	1	49	15.53	15.75	15.74	15.74	15.59		
10	64QAM	25	0	15.57	15.62	15.61	15.67	15.5	16.5	0
10	64QAM	25	12	15.58	15.61	15.71	15.64	15.54		
10	64QAM	25	25	15.53	15.68	15.65	15.51	15.52		
10	64QAM	50	0	15.59	15.65	15.56	15.7	15.62		
10	256QAM	1	0	15.68	15.70	15.66	15.61	15.69	16.5	0
10	256QAM	1	25	15.57	15.69	15.66	15.56	15.47		
10	256QAM	1	49	15.56	15.69	15.68	15.63	15.43		
10	256QAM	25	0	15.51	15.64	15.46	15.56	15.48	16.5	0
10	256QAM	25	12	15.56	15.59	15.62	15.63	15.44		
10	256QAM	25	25	15.57	15.58	15.62	15.53	15.57		
10	256QAM	50	0	15.51	15.61	15.49	15.64	15.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.8	15.75	15.83	15.73	15.7	16.50	0
5	QPSK	1	12	15.76	15.79	15.79	15.69	15.74		
5	QPSK	1	24	15.7	15.82	15.75	15.67	15.62		
5	QPSK	12	0	15.75	15.76	15.66	15.68	15.66	16.5	0
5	QPSK	12	7	15.63	15.73	15.67	15.73	15.61		
5	QPSK	12	13	15.7	15.72	15.7	15.61	15.65		
5	QPSK	25	0	15.75	15.77	15.75	15.76	15.73		
5	16QAM	1	0	15.74	15.74	15.75	15.65	15.69	16.5	0
5	16QAM	1	12	15.77	15.66	15.77	15.54	15.61		
5	16QAM	1	24	15.5	15.74	15.66	15.71	15.67		
5	16QAM	12	0	15.59	15.72	15.63	15.72	15.54	16.5	0
5	16QAM	12	7	15.59	15.67	15.65	15.65	15.56		
5	16QAM	12	13	15.61	15.65	15.69	15.61	15.59		
5	16QAM	25	0	15.61	15.72	15.67	15.74	15.51		
5	64QAM	1	0	15.81	15.72	15.64	15.66	15.67	16.5	0
5	64QAM	1	12	15.71	15.76	15.77	15.68	15.57		
5	64QAM	1	24	15.57	15.67	15.78	15.68	15.56		
5	64QAM	12	0	15.66	15.72	15.53	15.65	15.5	16.5	0
5	64QAM	12	7	15.55	15.7	15.67	15.59	15.51		
5	64QAM	12	13	15.54	15.6	15.61	15.56	15.62		
5	64QAM	25	0	15.56	15.69	15.6	15.75	15.64		
5	256QAM	1	0	15.78	15.78	15.57	15.65	15.62	16.5	0
5	256QAM	1	12	15.57	15.63	15.64	15.56	15.46		
5	256QAM	1	24	15.46	15.68	15.69	15.63	15.45		
5	256QAM	12	0	15.55	15.60	15.57	15.55	15.50	16.5	0
5	256QAM	12	7	15.48	15.63	15.58	15.62	15.48		
5	256QAM	12	13	15.55	15.62	15.61	15.45	15.48		
5	256QAM	25	0	15.60	15.63	15.54	15.71	15.64		

Band 41 HPUE_ANT 2

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	17.21	17.25	17.2	17.13	17.08	18.1	0
20	QPSK	1	49	17.13	17.16	17.11	17.09	17.07		
20	QPSK	1	99	17.09	17.18	17.18	17.06	17.03		
20	QPSK	50	0	17.17	17.21	17.08	17.06	17	18.1	0
20	QPSK	50	24	17.11	17.13	17.14	17.1	16.99		
20	QPSK	50	50	17.17	17.19	17.08	17.02	16.97		
20	QPSK	100	0	17.01	17.14	17.12	17.09	17.05		
20	16QAM	1	0	17.11	17.2	17.13	17.11	17.02	18.1	0
20	16QAM	1	49	17.06	17.13	17.03	16.98	17.04		
20	16QAM	1	99	17.02	17.11	17.15	16.94	17		
20	16QAM	50	0	17.12	17.15	16.98	17.02	16.96	18.1	0
20	16QAM	50	24	17.1	17.01	17.08	16.99	16.89		
20	16QAM	50	50	17.08	17.18	16.97	16.94	16.92		
20	16QAM	100	0	16.95	17.1	17.04	17.02	17.03		
20	64QAM	1	0	17.14	17.16	17.15	17.06	16.97	18.1	0
20	64QAM	1	49	17.1	17.11	17	17.04	17.02		
20	64QAM	1	99	17.05	17.14	17.17	16.96	16.95		
20	64QAM	50	0	17.12	17.09	17.04	17.01	16.92	18.1	0
20	64QAM	50	24	17.01	17.07	17.11	17.06	16.96		
20	64QAM	50	50	17.15	17.08	17	16.91	16.89		
20	64QAM	100	0	16.95	17.12	17.03	17.07	17.04		
20	256QAM	1	0	17.02	17.13	17.11	16.97	16.90	18.1	0
20	256QAM	1	49	17.07	17.06	16.91	17.02	16.96		
20	256QAM	1	99	16.97	17.11	17.07	16.95	16.92		
20	256QAM	50	0	17.07	16.99	16.96	16.93	16.85	18.1	0
20	256QAM	50	24	16.93	17.06	17.00	16.98	16.86		
20	256QAM	50	50	17.12	16.96	16.97	16.88	16.88		
20	256QAM	100	0	16.85	17.08	16.92	16.96	16.95		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.2	17.23	17.09	17.08	17.05	18.1	0
15	QPSK	1	37	17.09	17.08	17.06	17.07	16.98		
15	QPSK	1	74	16.98	17.15	17.12	16.95	16.93		
15	QPSK	36	0	17.07	17.12	17.01	16.95	16.92	18.1	0
15	QPSK	36	20	17	17.11	17.08	17.07	16.87		
15	QPSK	36	39	17.06	17.14	17.04	17.01	16.96		
15	QPSK	75	0	16.97	17.04	17.11	17.06	16.98		
15	16QAM	1	0	17.06	17.11	17.08	17.03	16.91	18.1	0
15	16QAM	1	37	16.97	17.07	16.94	16.91	16.99		
15	16QAM	1	74	16.97	17.05	17.1	16.87	16.88		
15	16QAM	36	0	17.11	17.11	16.87	16.91	16.89	18.1	0
15	16QAM	36	20	17.09	16.92	17.01	16.91	16.84		
15	16QAM	36	39	16.99	17.07	16.94	16.92	16.83		
15	16QAM	75	0	16.94	17.06	16.96	16.99	16.97		
15	64QAM	1	0	17.02	17.14	17.05	17	16.88	18.1	0
15	64QAM	1	37	17.07	17.04	16.92	16.98	16.96		
15	64QAM	1	74	16.93	17.13	17.07	16.92	16.92		
15	64QAM	36	0	17.05	17.06	16.97	16.91	16.8	18.1	0
15	64QAM	36	20	16.98	16.97	17.05	16.99	16.88		
15	64QAM	36	39	17.07	17.01	16.99	16.82	16.86		
15	64QAM	75	0	16.89	17.1	16.94	17.01	16.92		
15	256QAM	1	0	16.99	17.06	17.02	16.91	16.83	18.1	0
15	256QAM	1	37	17.05	16.98	16.85	17.00	16.92		
15	256QAM	1	74	16.86	17.03	17.05	16.88	16.83		
15	256QAM	36	0	17.05	16.88	16.85	16.86	16.73	18.1	0
15	256QAM	36	20	16.87	17.05	16.99	16.92	16.78		
15	256QAM	36	39	17.02	16.84	16.91	16.83	16.85		
15	256QAM	75	0	16.82	16.96	16.87	16.92	16.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.14	17.2	17.13	17.08	16.97	18.1	0
10	QPSK	1	25	17.09	17.13	17.03	16.97	17.04		
10	QPSK	1	49	16.98	17.1	17.15	17.04	16.99		
10	QPSK	25	0	17.13	17.16	17.01	17.04	16.97	18.1	0
10	QPSK	25	12	17.02	17.07	17.07	17.06	16.92		
10	QPSK	25	25	17.06	17.07	16.96	16.92	16.91		
10	QPSK	50	0	17	17.07	17.06	17.06	16.96		
10	16QAM	1	0	17	17.1	17.1	17	16.91	18.1	0
10	16QAM	1	25	16.97	17.04	17.02	16.94	17		
10	16QAM	1	49	17.01	17.03	17.13	16.9	16.9		
10	16QAM	25	0	17.02	17.08	16.86	17.01	16.93	18.1	0
10	16QAM	25	12	17.04	16.94	17.05	16.87	16.84		
10	16QAM	25	25	17.05	17.16	16.86	16.83	16.86		
10	16QAM	50	0	16.93	16.98	17.02	16.95	16.98		
10	64QAM	1	0	17.02	17.08	17.06	17.02	16.86	18.1	0
10	64QAM	1	25	17.03	17.09	16.95	16.92	16.99		
10	64QAM	1	49	16.96	17.11	17.07	16.89	16.94		
10	64QAM	25	0	17.03	16.97	16.92	16.89	16.83	18.1	0
10	64QAM	25	12	16.97	17.03	17.04	16.96	16.89		
10	64QAM	25	25	17.13	16.96	16.88	16.87	16.8		
10	64QAM	50	0	16.94	17.05	16.91	16.99	16.97		
10	256QAM	1	0	17.00	17.11	17.08	16.96	16.87	18.1	0
10	256QAM	1	25	17.05	16.99	16.89	16.99	16.90		
10	256QAM	1	49	16.91	17.10	17.06	16.83	16.83		
10	256QAM	25	0	17.04	16.96	16.90	16.88	16.80	18.1	0
10	256QAM	25	12	16.83	16.98	16.91	16.96	16.80		
10	256QAM	25	25	17.04	16.95	16.88	16.84	16.82		
10	256QAM	50	0	16.77	17.04	16.84	16.90	16.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.16	17.18	17.18	17.12	17.04	18.1	0
5	QPSK	1	12	17.05	17.15	17	17.06	17.01		
5	QPSK	1	24	16.98	17.09	17.06	17	17.02		
5	QPSK	12	0	17.07	17.12	16.99	17.02	16.93	18.1	0
5	QPSK	12	7	17.1	17.04	17.05	17.02	16.88		
5	QPSK	12	13	17.09	17.17	17.05	16.9	16.96		
5	QPSK	25	0	16.97	17.09	17.08	16.98	17		
5	16QAM	1	0	17.07	17.08	17.05	17.03	16.91	18.1	0
5	16QAM	1	12	16.94	17.06	16.99	16.94	17.02		
5	16QAM	1	24	16.92	17.08	17.05	16.9	16.97		
5	16QAM	12	0	17.04	17.04	16.94	16.97	16.95	18.1	0
5	16QAM	12	7	17.06	16.89	16.97	16.93	16.87		
5	16QAM	12	13	16.99	17.08	16.96	16.9	16.89		
5	16QAM	25	0	16.83	17.06	16.95	16.93	16.97		
5	64QAM	1	0	17.1	17.1	17.11	16.97	16.93	18.1	0
5	64QAM	1	12	17	17.07	16.95	16.92	17.01		
5	64QAM	1	24	16.99	17.1	17.06	16.92	16.93		
5	64QAM	12	0	17.1	17.03	16.96	16.96	16.82	18.1	0
5	64QAM	12	7	17	17.06	17	17.03	16.93		
5	64QAM	12	13	17.14	17.06	16.97	16.8	16.87		
5	64QAM	25	0	16.83	17.03	17.02	16.97	16.95		
5	256QAM	1	0	16.92	17.06	17.08	16.88	16.85	18.1	0
5	256QAM	1	12	16.99	16.98	16.85	17.00	16.88		
5	256QAM	1	24	16.90	17.07	16.98	16.85	16.80		
5	256QAM	12	0	16.95	16.87	16.86	16.91	16.79	18.1	0
5	256QAM	12	7	16.90	16.98	16.93	16.93	16.84		
5	256QAM	12	13	17.09	16.88	16.96	16.79	16.81		
5	256QAM	25	0	16.78	17.06	16.89	16.92	16.94		

Band 41_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.41	18.5	18.2	18.32	18.2	19.5	0
20	QPSK	1	49	18.26	18.34	18.28	18.31	18.28		
20	QPSK	1	99	18.39	18.28	18.22	18.17	18.17		
20	QPSK	50	0	18.35	18.45	18.17	18.3	18.19	19.5	0
20	QPSK	50	24	18.34	18.41	18.1	18.25	18.19		
20	QPSK	50	50	18.19	18.22	18.21	18.3	18.2		
20	QPSK	100	0	18.25	18.3	18.15	18.15	18.05		
20	16QAM	1	0	18.35	18.41	18.12	18.3	18.15	19.5	0
20	16QAM	1	49	18.18	18.28	18.19	18.28	18.27		
20	16QAM	1	99	18.38	18.19	18.16	18.12	18.13		
20	16QAM	50	0	18.28	18.37	18.05	18.25	18.14	19.5	0
20	16QAM	50	24	18.25	18.35	18.09	18.23	18.13		
20	16QAM	50	50	18.13	18.17	18.19	18.29	18.19		
20	16QAM	100	0	18.23	18.29	18.03	18.04	17.94		
20	64QAM	1	0	18.35	18.49	18.1	18.2	18.15	19.5	0
20	64QAM	1	49	18.17	18.28	18.25	18.27	18.16		
20	64QAM	1	99	18.28	18.24	18.14	18.07	18.06		
20	64QAM	50	0	18.32	18.44	18.08	18.18	18.1	19.5	0
20	64QAM	50	24	18.32	18.35	18.03	18.17	18.1		
20	64QAM	50	50	18.13	18.14	18.12	18.22	18.14		
20	64QAM	100	0	18.23	18.24	18.06	18.13	17.94		
20	256QAM	1	0	18.38	18.48	18.16	18.21	18.12	19.5	0
20	256QAM	1	49	18.22	18.23	18.23	18.20	18.16		
20	256QAM	1	99	18.34	18.16	18.10	18.09	18.07		
20	256QAM	50	0	18.23	18.33	18.10	18.27	18.10	19.5	0
20	256QAM	50	24	18.23	18.35	18.08	18.17	18.09		
20	256QAM	50	50	18.17	18.17	18.12	18.26	18.15		
20	256QAM	100	0	18.19	18.25	18.09	18.07	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.39	18.45	18.12	18.22	18.16	19.5	0
15	QPSK	1	37	18.22	18.33	18.26	18.28	18.27		
15	QPSK	1	74	18.32	18.24	18.1	18.11	18.1		
15	QPSK	36	0	18.24	18.34	18.09	18.29	18.08	19.5	0
15	QPSK	36	20	18.24	18.29	18.05	18.23	18.07		
15	QPSK	36	39	18.13	18.15	18.14	18.22	18.13		
15	QPSK	75	0	18.16	18.29	18.09	18.1	17.96		
15	16QAM	1	0	18.29	18.32	18.05	18.22	18.07	19.5	0
15	16QAM	1	37	18.12	18.24	18.13	18.16	18.15		
15	16QAM	1	74	18.37	18.18	18.06	18.02	18.03		
15	16QAM	36	0	18.17	18.31	18.01	18.14	18.1	19.5	0
15	16QAM	36	20	18.13	18.31	17.97	18.13	18.12		
15	16QAM	36	39	18.11	18.16	18.18	18.24	18.08		
15	16QAM	75	0	18.21	18.25	17.91	17.99	17.86		
15	64QAM	1	0	18.23	18.43	18.06	18.15	18.09	19.5	0
15	64QAM	1	37	18.16	18.17	18.18	18.2	18.09		
15	64QAM	1	74	18.22	18.2	18.03	17.99	17.99		
15	64QAM	36	0	18.2	18.43	18.01	18.16	18.07	19.5	0
15	64QAM	36	20	18.25	18.23	17.96	18.14	18.08		
15	64QAM	36	39	18.09	18.08	18.06	18.11	18.11		
15	64QAM	75	0	18.14	18.12	17.96	18.09	17.86		
15	256QAM	1	0	18.26	18.36	18.06	18.14	18.03	19.5	0
15	256QAM	1	37	18.13	18.11	18.15	18.08	18.08		
15	256QAM	1	74	18.31	18.11	18.04	18.00	18.00		
15	256QAM	36	0	18.14	18.32	17.99	18.24	18.05	19.5	0
15	256QAM	36	20	18.14	18.33	18.04	18.07	17.99		
15	256QAM	36	39	18.11	18.09	18.03	18.21	18.14		
15	256QAM	75	0	18.08	18.18	18.06	17.97	17.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.33	18.47	18.14	18.29	18.12	19.5	0
10	QPSK	1	25	18.17	18.24	18.19	18.26	18.27		
10	QPSK	1	49	18.32	18.27	18.16	18.05	18.09		
10	QPSK	25	0	18.29	18.4	18.15	18.25	18.15	19.5	0
10	QPSK	25	12	18.26	18.39	18	18.24	18.11		
10	QPSK	25	25	18.15	18.16	18.1	18.18	18.19		
10	QPSK	50	0	18.13	18.21	18.12	18.05	17.98		
10	16QAM	1	0	18.31	18.32	18.03	18.29	18.06	19.5	0
10	16QAM	1	25	18.11	18.19	18.07	18.24	18.24		
10	16QAM	1	49	18.27	18.12	18.13	18.07	18.1		
10	16QAM	25	0	18.2	18.31	17.94	18.2	18.04	19.5	0
10	16QAM	25	12	18.23	18.33	18.05	18.2	18.12		
10	16QAM	25	25	18.07	18.13	18.14	18.23	18.09		
10	16QAM	50	0	18.21	18.19	17.96	17.98	17.84		
10	64QAM	1	0	18.25	18.47	17.99	18.16	18.03	19.5	0
10	64QAM	1	25	18.08	18.16	18.21	18.26	18.11		
10	64QAM	1	49	18.18	18.12	18.11	18.02	18.01		
10	64QAM	25	0	18.2	18.36	18	18.06	18.01	19.5	0
10	64QAM	25	12	18.26	18.24	17.96	18.13	18.05		
10	64QAM	25	25	18.1	18.04	18.11	18.13	18.02		
10	64QAM	50	0	18.15	18.14	17.98	18.08	17.92		
10	256QAM	1	0	18.35	18.45	18.09	18.13	18.06	19.5	0
10	256QAM	1	25	18.10	18.22	18.16	18.12	18.07		
10	256QAM	1	49	18.23	18.06	18.06	18.00	17.97		
10	256QAM	25	0	18.16	18.22	18.07	18.15	18.01	19.5	0
10	256QAM	25	12	18.12	18.32	18.02	18.06	17.98		
10	256QAM	25	25	18.05	18.09	18.03	18.14	18.12		
10	256QAM	50	0	18.09	18.17	18.05	17.95	17.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.32	18.43	18.09	18.28	18.18	19.5	0
5	QPSK	1	12	18.16	18.26	18.17	18.24	18.19		
5	QPSK	1	24	18.36	18.22	18.16	18.13	18.09		
5	QPSK	12	0	18.25	18.41	18.1	18.24	18.11	19.5	0
5	QPSK	12	7	18.28	18.35	18.09	18.16	18.07		
5	QPSK	12	13	18.08	18.17	18.11	18.22	18.12		
5	QPSK	25	0	18.23	18.25	18.08	18.13	18.03		
5	16QAM	1	0	18.26	18.36	18.05	18.23	18.12	19.5	0
5	16QAM	1	12	18.16	18.22	18.15	18.19	18.24		
5	16QAM	1	24	18.37	18.1	18.07	18	18.07		
5	16QAM	12	0	18.26	18.26	18.01	18.21	18.13	19.5	0
5	16QAM	12	7	18.19	18.23	18.08	18.14	18.12		
5	16QAM	12	13	18.12	18.16	18.12	18.17	18.16		
5	16QAM	25	0	18.18	18.28	18	17.97	17.84		
5	64QAM	1	0	18.28	18.45	18.01	18.14	18.04	19.5	0
5	64QAM	1	12	18.13	18.25	18.18	18.23	18.15		
5	64QAM	1	24	18.24	18.21	18.04	17.96	18		
5	64QAM	12	0	18.3	18.32	18.06	18.1	18	19.5	0
5	64QAM	12	7	18.3	18.3	17.91	18.07	18.06		
5	64QAM	12	13	18.1	18.1	18.1	18.13	18.05		
5	64QAM	25	0	18.11	18.16	18.01	18.09	17.88		
5	256QAM	1	0	18.37	18.45	18.15	18.18	18.02	19.5	0
5	256QAM	1	12	18.19	18.17	18.16	18.09	18.04		
5	256QAM	1	24	18.25	18.04	18.06	18.01	18.05		
5	256QAM	12	0	18.13	18.22	18.04	18.25	18.04	19.5	0
5	256QAM	12	7	18.15	18.33	18.04	18.14	17.99		
5	256QAM	12	13	18.12	18.08	18.05	18.24	18.14		
5	256QAM	25	0	18.15	18.19	18.00	18.04	17.87		

Band 41_ANT 6

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	17.49	17.63	17.52	17.36	17.52	18.5	0
20	QPSK	1	49	17.5	17.47	17.51	17.41	17.57		
20	QPSK	1	99	17.47	17.44	17.48	17.46	17.46		
20	QPSK	50	0	17.47	17.58	17.44	17.37	17.51	18.5	0
20	QPSK	50	24	17.51	17.44	17.51	17.41	17.54		
20	QPSK	50	50	17.41	17.43	17.56	17.43	17.45		
20	QPSK	100	0	17.46	17.54	17.51	17.51	17.44		
20	16QAM	1	0	17.43	17.55	17.43	17.25	17.47	18.5	0
20	16QAM	1	49	17.48	17.45	17.4	17.29	17.5		
20	16QAM	1	99	17.4	17.34	17.36	17.41	17.36		
20	16QAM	50	0	17.35	17.48	17.34	17.32	17.39	18.5	0
20	16QAM	50	24	17.47	17.41	17.4	17.37	17.51		
20	16QAM	50	50	17.32	17.41	17.53	17.39	17.4		
20	16QAM	100	0	17.4	17.44	17.49	17.39	17.42		
20	64QAM	1	0	17.39	17.61	17.45	17.3	17.4	18.5	0
20	64QAM	1	49	17.39	17.46	17.5	17.29	17.5		
20	64QAM	1	99	17.46	17.4	17.4	17.43	17.39		
20	64QAM	50	0	17.39	17.49	17.39	17.27	17.39	18.5	0
20	64QAM	50	24	17.41	17.41	17.4	17.4	17.44		
20	64QAM	50	50	17.36	17.41	17.46	17.42	17.34		
20	64QAM	100	0	17.44	17.5	17.39	17.46	17.43		
20	256QAM	1	0	17.48	17.59	17.48	17.31	17.44	18.5	0
20	256QAM	1	49	17.38	17.46	17.40	17.32	17.48		
20	256QAM	1	99	17.37	17.43	17.39	17.39	17.37		
20	256QAM	50	0	17.35	17.55	17.34	17.35	17.46	18.5	0
20	256QAM	50	24	17.41	17.32	17.43	17.39	17.44		
20	256QAM	50	50	17.30	17.38	17.46	17.36	17.39		
20	256QAM	100	0	17.45	17.50	17.49	17.45	17.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.48	17.54	17.48	17.31	17.51	18.5	0
15	QPSK	1	37	17.45	17.39	17.45	17.4	17.55		
15	QPSK	1	74	17.37	17.33	17.38	17.4	17.41		
15	QPSK	36	0	17.36	17.52	17.33	17.36	17.45	18.5	0
15	QPSK	36	20	17.4	17.36	17.46	17.33	17.5		
15	QPSK	36	39	17.37	17.41	17.44	17.37	17.39		
15	QPSK	75	0	17.35	17.45	17.39	17.43	17.32		
15	16QAM	1	0	17.37	17.5	17.32	17.18	17.37	18.5	0
15	16QAM	1	37	17.36	17.36	17.39	17.21	17.41		
15	16QAM	1	74	17.29	17.29	17.29	17.35	17.29		
15	16QAM	36	0	17.24	17.46	17.32	17.21	17.38	18.5	0
15	16QAM	36	20	17.45	17.39	17.32	17.36	17.49		
15	16QAM	36	39	17.3	17.33	17.43	17.37	17.31		
15	16QAM	75	0	17.32	17.4	17.41	17.37	17.32		
15	64QAM	1	0	17.35	17.52	17.42	17.22	17.39	18.5	0
15	64QAM	1	37	17.3	17.44	17.46	17.28	17.49		
15	64QAM	1	74	17.42	17.29	17.37	17.35	17.38		
15	64QAM	36	0	17.27	17.44	17.33	17.16	17.36	18.5	0
15	64QAM	36	20	17.31	17.32	17.33	17.31	17.42		
15	64QAM	36	39	17.29	17.32	17.38	17.3	17.33		
15	64QAM	75	0	17.33	17.46	17.28	17.39	17.35		
15	256QAM	1	0	17.39	17.48	17.36	17.23	17.37	18.5	0
15	256QAM	1	37	17.32	17.36	17.38	17.25	17.43		
15	256QAM	1	74	17.29	17.40	17.27	17.32	17.32		
15	256QAM	36	0	17.23	17.43	17.26	17.28	17.43	18.5	0
15	256QAM	36	20	17.38	17.22	17.38	17.31	17.39		
15	256QAM	36	39	17.19	17.31	17.36	17.32	17.28		
15	256QAM	75	0	17.35	17.42	17.48	17.44	17.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.41	17.58	17.43	17.29	17.51	18.5	0
10	QPSK	1	25	17.42	17.4	17.41	17.36	17.5		
10	QPSK	1	49	17.43	17.36	17.4	17.39	17.39		
10	QPSK	25	0	17.36	17.54	17.35	17.27	17.45	18.5	0
10	QPSK	25	12	17.49	17.42	17.48	17.4	17.45		
10	QPSK	25	25	17.31	17.32	17.54	17.42	17.33		
10	QPSK	50	0	17.38	17.53	17.48	17.41	17.39		
10	16QAM	1	0	17.33	17.48	17.33	17.16	17.46	18.5	0
10	16QAM	1	25	17.43	17.35	17.3	17.18	17.47		
10	16QAM	1	49	17.37	17.3	17.3	17.37	17.32		
10	16QAM	25	0	17.25	17.39	17.23	17.24	17.28	18.5	0
10	16QAM	25	12	17.43	17.39	17.38	17.29	17.46		
10	16QAM	25	25	17.26	17.36	17.41	17.31	17.31		
10	16QAM	50	0	17.38	17.34	17.4	17.36	17.41		
10	64QAM	1	0	17.29	17.51	17.35	17.27	17.39	18.5	0
10	64QAM	1	25	17.34	17.39	17.39	17.27	17.4		
10	64QAM	1	49	17.37	17.3	17.29	17.32	17.28		
10	64QAM	25	0	17.36	17.43	17.38	17.19	17.32	18.5	0
10	64QAM	25	12	17.31	17.32	17.35	17.35	17.35		
10	64QAM	25	25	17.24	17.4	17.44	17.4	17.26		
10	64QAM	50	0	17.42	17.44	17.31	17.39	17.34		
10	256QAM	1	0	17.45	17.58	17.44	17.25	17.38	18.5	0
10	256QAM	1	25	17.30	17.41	17.38	17.30	17.37		
10	256QAM	1	49	17.30	17.37	17.34	17.34	17.25		
10	256QAM	25	0	17.28	17.45	17.27	17.34	17.40	18.5	0
10	256QAM	25	12	17.36	17.24	17.40	17.28	17.33		
10	256QAM	25	25	17.22	17.32	17.40	17.35	17.30		
10	256QAM	50	0	17.43	17.45	17.42	17.34	17.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.47	17.58	17.44	17.28	17.45	18.5	0
5	QPSK	1	12	17.46	17.38	17.5	17.3	17.48		
5	QPSK	1	24	17.38	17.33	17.43	17.45	17.41		
5	QPSK	12	0	17.4	17.53	17.42	17.3	17.5	18.5	0
5	QPSK	12	7	17.46	17.43	17.48	17.31	17.48		
5	QPSK	12	13	17.33	17.38	17.5	17.41	17.35		
5	QPSK	25	0	17.38	17.42	17.47	17.39	17.4		
5	16QAM	1	0	17.35	17.48	17.37	17.2	17.36	18.5	0
5	16QAM	1	12	17.36	17.33	17.33	17.28	17.4		
5	16QAM	1	24	17.38	17.31	17.28	17.4	17.33		
5	16QAM	12	0	17.24	17.42	17.3	17.23	17.33	18.5	0
5	16QAM	12	7	17.42	17.31	17.37	17.32	17.42		
5	16QAM	12	13	17.31	17.37	17.5	17.27	17.32		
5	16QAM	25	0	17.36	17.41	17.37	17.29	17.34		
5	64QAM	1	0	17.34	17.53	17.43	17.27	17.35	18.5	0
5	64QAM	1	12	17.38	17.36	17.38	17.28	17.45		
5	64QAM	1	24	17.42	17.3	17.34	17.39	17.33		
5	64QAM	12	0	17.38	17.45	17.35	17.22	17.29	18.5	0
5	64QAM	12	7	17.35	17.4	17.29	17.34	17.33		
5	64QAM	12	13	17.32	17.33	17.36	17.38	17.32		
5	64QAM	25	0	17.37	17.49	17.29	17.43	17.32		
5	256QAM	1	0	17.41	17.53	17.47	17.28	17.33	18.5	0
5	256QAM	1	12	17.27	17.39	17.39	17.20	17.36		
5	256QAM	1	24	17.32	17.42	17.27	17.38	17.25		
5	256QAM	12	0	17.28	17.52	17.28	17.33	17.39	18.5	0
5	256QAM	12	7	17.31	17.26	17.38	17.36	17.40		
5	256QAM	12	13	17.29	17.35	17.34	17.30	17.31		
5	256QAM	25	0	17.44	17.45	17.46	17.39	17.31		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55530	55750	55990		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.04	15.03	15.05	15.09	16	0
20	QPSK	1	49	15.02	15.18	15.02	15		
20	QPSK	1	99	15.03	15.12	14.93	15.06		
20	QPSK	50	0	15.02	15.16	14.98	15	16	0
20	QPSK	50	24	14.93	15.11	14.97	14.98		
20	QPSK	50	50	14.94	15.1	14.85	14.99		
20	QPSK	100	0	14.97	15.13	14.95	14.94		
20	16QAM	1	0	14.98	15.15	14.94	14.97	16	0
20	16QAM	1	49	14.96	15.07	14.99	14.96		
20	16QAM	1	99	14.96	15.03	14.9	15		
20	16QAM	50	0	14.93	15.14	14.91	14.97	16	0
20	16QAM	50	24	14.91	15.09	14.92	14.83		
20	16QAM	50	50	14.89	14.98	14.77	14.91		
20	16QAM	100	0	14.85	15.06	14.9	14.93		
20	64QAM	1	0	14.97	15.15	15.03	15.09	16	0
20	64QAM	1	49	15.01	15.13	14.98	14.95		
20	64QAM	1	99	15	15.03	14.98	14.96		
20	64QAM	50	0	14.91	15.14	14.92	14.92	16	0
20	64QAM	50	24	14.91	15.02	14.85	14.83		
20	64QAM	50	50	14.89	15.05	14.8	14.91		
20	64QAM	100	0	14.94	15.12	14.92	14.87		
20	256QAM	1	0	14.95	15.15	14.97	14.85	16	0
20	256QAM	1	49	15.01	15.14	14.92	15.05		
20	256QAM	1	99	14.98	15.15	14.92	14.98		
20	256QAM	50	0	14.95	15.29	14.92	14.92	16	0
20	256QAM	50	24	15.05	15.14	14.92	14.87		
20	256QAM	50	50	14.99	15.15	14.87	14.98		
20	256QAM	100	0	14.96	15.22	14.87	14.89		
Channel				55315	55520	55760	55985	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.08	15.15	15.02	15	16	0
15	QPSK	1	37	14.93	15.13	15.01	14.85		
15	QPSK	1	74	14.94	15.01	14.89	15.07		
15	QPSK	36	0	15.03	15.01	14.93	14.91	16	0
15	QPSK	36	20	14.89	15.08	14.87	14.8		
15	QPSK	36	39	14.96	15.1	14.96	14.83		
15	QPSK	75	0	14.95	15.13	14.91	14.9		
15	QPSK	1	0	14.98	15.06	14.94	14.98		
15	16QAM	1	37	14.96	14.93	15.03	14.98	16	0
15	16QAM	1	74	14.97	15.04	14.8	14.98		
15	16QAM	36	0	14.96	15.09	14.77	14.82	16	0
15	16QAM	36	20	14.77	15.07	14.84	14.77		
15	16QAM	36	39	14.75	14.94	14.74	14.84		
15	16QAM	75	0	14.73	14.91	14.78	14.93		
15	64QAM	1	0	14.9	15.03	15	15.11	16	0
15	64QAM	1	37	14.98	15.06	14.95	14.9		
15	64QAM	1	74	14.85	14.88	14.8	14.93		
15	64QAM	36	0	14.79	15.11	14.91	14.8	16	0
15	64QAM	36	20	14.85	15.05	14.78	14.83		
15	64QAM	36	39	14.85	14.9	14.71	14.82		
15	64QAM	75	0	14.85	15.04	14.98	14.92		
15	256QAM	1	0	14.85	14.92	14.98	14.84	16	0
15	256QAM	1	37	14.96	15.00	14.88	14.96		
15	256QAM	1	74	14.87	14.92	14.93	14.94		
15	256QAM	36	0	14.82	14.85	14.92	14.85	16	0
15	256QAM	36	20	14.87	14.90	14.91	14.88		
15	256QAM	36	39	14.89	14.98	14.89	14.88		
15	256QAM	75	0	14.82	14.95	14.91	14.94		
Channel				55290	55515	55740	55965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3693		
10	QPSK	1	0	15.03	15.21	14.98	14.98	16	0
10	QPSK	1	25	15.03	15.05	14.95	15.02		
10	QPSK	1	49	14.89	15	14.97	15.08		
10	QPSK	25	0	14.92	15.03	14.92	14.89	16	0
10	QPSK	25	12	14.87	14.97	14.89	14.92		
10	QPSK	25	25	14.86	15.1	14.89	15		
10	QPSK	50	0	14.83	15	14.86	14.8		
10	16QAM	1	0	14.83	15.16	14.92	14.86	16	0
10	16QAM	1	25	14.94	15.03	14.96	14.92		
10	16QAM	1	49	14.94	14.91	14.92	14.91		
10	16QAM	25	0	14.97	15.11	14.93	15	16	0
10	16QAM	25	12	14.86	14.98	14.9	14.74		
10	16QAM	25	25	14.9	14.87	14.99	14.89		
10	16QAM	50	0	14.7	15.07	14.85	14.93		
10	64QAM	1	0	14.93	15.14	14.93	15.03	16	0
10	64QAM	1	25	14.97	15.04	14.95	14.89		
10	64QAM	1	49	14.89	14.96	14.88	14.88		
10	64QAM	25	0	14.81	15.13	14.78	14.89	16	0
10	64QAM	25	12	14.75	14.99	14.89	14.9		
10	64QAM	25	25	14.89	14.95	14.87	14.9		
10	64QAM	50	0	14.86	15.11	14.82	14.8		
10	256QAM	1	0	14.88	14.87	14.85	14.91	16	0
10	256QAM	1	25	14.88	14.97	14.94	14.99		
10	256QAM	1	49	14.86	14.85	14.92	14.95		
10	256QAM	25	0	14.83	14.86	14.94	14.93	16	0
10	256QAM	25	12	14.92	14.92	14.92	14.97		
10	256QAM	25	25	14.98	14.93	14.91	14.98		
10	256QAM	50	0	14.91	14.83	14.95	14.95		
Channel				55240	55465	55715	55940	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.04	15.21	14.98	15.08	16	0
5	QPSK	1	12	14.99	15.12	14.97	14.94		
5	QPSK	1	24	15.05	14.98	14.97	15.05		
5	QPSK	12	0	15.05	15.2	14.94	14.93	16	0
5	QPSK	12	7	14.95	15.13	14.94	14.84		
5	QPSK	12	13	14.95	15.13	14.75	14.93		
5	QPSK	25	0	14.83	15.14	14.84	14.9		
5	16QAM	1	0	14.94	15.19	14.85	14.98	16	0
5	16QAM	1	12	14.94	15.09	14.92	14.82		
5	16QAM	1	24	14.98	15.07	14.98	14.96		
5	16QAM	12	0	14.9	15.02	14.78	14.88	16	0
5	16QAM	12	7	14.91	15.03	14.8	14.72		
5	16QAM	12	13	14.76	14.87	14.76	14.85		
5	16QAM	25	0	14.76	14.99	14.75	14.79		
5	64QAM	1	0	14.85	15.09	15.05	15.05	16	0
5	64QAM	1	12	14.94	15.05	14.99	14.92		
5	64QAM	1	24	15.05	14.98	14.8	14.96		
5	64QAM	12	0	14.89	15.12	14.98	14.8	16	0
5	64QAM	12	7	14.88	14.99	14.71	14.88		
5	64QAM	12	13	14.83	14.96	14.71	14.85		
5	64QAM	25	0	14.84	15	14.96	14.91		
5	256QAM	1	0	14.84	14.92	14.87	14.87	16	0
5	256QAM	1	12	15.05	15.00	14.93	15.05		
5	256QAM	1	24	14.87	14.93	14.95	14.88		
5	256QAM	12	0	14.98	14.92	14.94	14.89	16	0
5	256QAM	12	7	14.96	14.88	14.95	14.98		
5	256QAM	12	13	14.92	14.95	14.88	14.99		
5	256QAM	25	0	14.95	14.84	14.88	14.92		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55530	55750	55990		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.43	22.6	22.36	22.47	23.5	0
20	QPSK	1	49	22.38	22.56	22.24	22.46		
20	QPSK	1	99	22.34	22.5	22.2	22.39		
20	QPSK	50	0	22.31	22.46	22.35	22.45	23.5	0
20	QPSK	50	24	22.29	22.43	22.23	22.44		
20	QPSK	50	50	22.29	22.46	22.18	22.37		
20	QPSK	100	0	22.18	22.4	22.16	22.34		
20	16QAM	1	0	22.27	22.41	22.12	22.34	23.5	0
20	16QAM	1	49	22.28	22.38	22.24	22.44		
20	16QAM	1	99	22.22	22.38	22.18	22.4		
20	16QAM	50	0	21.98	22.1	21.76	21.95	23	0.5
20	16QAM	50	24	21.84	22.08	21.79	22.07		
20	16QAM	50	50	21.78	22.02	21.81	21.99		
20	16QAM	100	0	21.73	22.02	21.72	22.09		
20	64QAM	1	0	22.03	22.19	21.84	21.99	23	0.5
20	64QAM	1	49	21.99	22.12	22.04	22.14		
20	64QAM	1	99	21.98	22.13	21.91	22.12		
20	64QAM	50	0	21.17	21.18	21.09	21.13	22	1.5
20	64QAM	50	24	21.15	21.14	21.07	21.19		
20	64QAM	50	50	21.08	21.09	21.12	21.19		
20	64QAM	100	0	20.97	21.1	21.09	21.17		
20	256QAM	1	0	19.92	19.05	18.80	18.88	20	3.5
20	256QAM	1	49	18.84	18.98	18.80	18.74		
20	256QAM	1	99	18.88	19.08	18.79	18.75		
20	256QAM	50	0	19.92	19.91	18.81	18.81	20	3.5
20	256QAM	50	24	18.84	19.01	18.75	18.81		
20	256QAM	50	50	18.85	19.05	18.74	18.84		
20	256QAM	100	0	18.88	19.06	18.87	18.82		
Channel				55315	55520	55760	55985	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.29	22.39	22.27	22.51	23.5	0
15	QPSK	1	37	22.29	22.46	22.21	22.35		
15	QPSK	1	74	22.23	22.27	22.19	22.29		
15	QPSK	36	0	22.25	22.34	22.23	22.46	23.5	0
15	QPSK	36	20	22.25	22.41	22.27	22.33		
15	QPSK	36	39	22.17	22.33	22.05	22.27		
15	QPSK	75	0	22.21	22.29	22.1	22.33		
15	16QAM	1	0	22.29	22.36	22.16	22.33	23.5	0
15	16QAM	1	37	22.18	22.31	22.12	22.37		
15	16QAM	1	74	22.23	22.43	22.18	22.41		
15	16QAM	36	0	21.91	21.96	21.61	21.87	23	0.5
15	16QAM	36	20	21.8	22.1	21.77	21.87		
15	16QAM	36	39	21.67	21.96	21.82	21.94		
15	16QAM	75	0	21.72	22.04	21.71	22.12		
15	64QAM	1	0	21.99	22.11	21.76	21.95	23	0.5
15	64QAM	1	37	21.92	22.14	21.98	22.11		
15	64QAM	1	74	21.95	22.13	21.81	22.09		
15	64QAM	36	0	21.13	21.02	20.98	21.08	22	1.5
15	64QAM	36	20	21.06	21.07	20.95	21.19		
15	64QAM	36	39	20.95	20.97	21.16	21.14		
15	64QAM	75	0	20.97	21	21.11	21.1		
15	256QAM	1	0	18.84	18.84	18.89	18.90	20	3.5
15	256QAM	1	37	18.77	18.71	18.74	18.79		
15	256QAM	1	74	18.83	18.79	18.78	18.83		
15	256QAM	36	0	18.84	18.83	18.91	18.95	20	3.5
15	256QAM	36	20	18.74	18.81	18.83	18.77		
15	256QAM	36	39	18.73	18.74	18.75	18.77		
15	256QAM	75	0	18.80	18.87	18.86	18.81		
Channel				55290	55515	55740	55965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3693		
10	QPSK	1	0	22.3	22.47	22.36	22.49	23.5	0
10	QPSK	1	25	22.3	22.53	22.24	22.4		
10	QPSK	1	49	22.38	22.41	22.18	22.43		
10	QPSK	25	0	22.18	22.33	22.33	22.4	23.5	0
10	QPSK	25	12	22.21	22.36	22.19	22.48		
10	QPSK	25	25	22.17	22.36	22.22	22.34		
10	QPSK	50	0	22.03	22.27	22.02	22.21		
10	16QAM	1	0	22.29	22.41	22.1	22.28	23.5	0
10	16QAM	1	25	22.15	22.23	22.1	22.3		
10	16QAM	1	49	22.22	22.4	22.04	22.35		
10	16QAM	25	0	21.98	22.04	21.63	21.96	23	0.5
10	16QAM	25	12	21.78	21.99	21.8	22.11		
10	16QAM	25	25	21.74	22.01	21.74	22		
10	16QAM	50	0	21.74	22.06	21.74	21.98		
10	64QAM	1	0	22	22.05	21.75	21.98	23	0.5
10	64QAM	1	25	21.82	22.12	21.93	22.14		
10	64QAM	1	49	22.02	21.98	21.86	22.03		
10	64QAM	25	0	21.21	21.04	21.01	21.13	22	1.5
10	64QAM	25	12	21.11	21.12	21.11	21.04		
10	64QAM	25	25	21.09	20.94	21.14	21.14		
10	64QAM	50	0	20.9	21.06	21.09	21.09		
10	256QAM	1	0	18.80	18.84	18.91	18.88	20	3.5
10	256QAM	1	25	18.71	18.79	18.82	18.78		
10	256QAM	1	49	18.84	18.76	18.84	18.84		
10	256QAM	25	0	18.84	18.89	18.87	18.93	20	3.5
10	256QAM	25	12	18.80	18.83	18.79	18.73		
10	256QAM	25	25	18.75	18.78	18.78	18.77		
10	256QAM	50	0	18.85	18.79	18.82	18.76		
Channel				55240	55465	55715	55940	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.29	22.58	22.38	22.5	23.5	0
5	QPSK	1	12	22.29	22.59	22.17	22.44		
5	QPSK	1	24	22.28	22.54	22.21	22.33		
5	QPSK	12	0	22.25	22.46	22.19	22.39	23.5	0
5	QPSK	12	7	22.15	22.46	22.26	22.43		
5	QPSK	12	13	22.21	22.27	22.03	22.32		
5	QPSK	25	0	22.06	22.3	22.16	22.21		
5	16QAM	1	0	22.18	22.34	22.08	22.31	23.5	0
5	16QAM	1	12	22.25	22.33	22.14	22.41		
5	16QAM	1	24	22.08	22.27	22.05	22.41		
5	16QAM	12	0	21.93	22.01	21.73	21.99	23	0.5
5	16QAM	12	7	21.81	22.12	21.74	22.08		
5	16QAM	12	13	21.68	21.89	21.71	21.93		
5	16QAM	25	0	21.73	22.00	21.58	22.1		
5	64QAM	1	0	22.05	22.23	21.89	22	23	0.5
5	64QAM	1	12	21.89	22.06	21.89	22.13		
5	64QAM	1	24	21.95	22.1	21.79	21.98		
5	64QAM	12	0	21.13	21.19	21.09	20.98	22	1.5
5	64QAM	12	7	21.16	21.06	21.07	21.19		
5	64QAM	12	13	21.06	21.02	20.99	21.19		
5	64QAM	25	0	21	21.13	20.95	21.05		
5	256QAM	1	0	18.81	18.83	18.91	18.95	20	3.5
5	256QAM	1	12	18.74	18.76	18.75	18.83		
5	256QAM	1	24	18.75	18.76	18.77	18.84		
5	256QAM	12	0	18.89	18.81	18.83	18.90	20	3.5
5	256QAM	12	7	18.79	18.79	18.72	18.81		
5	256QAM	12	13	18.73	18.83	18.78	18.84		
5	256QAM	25	0	18.81	18.79	18.80	18.76		

Reduced Power for DSI17

GSM850_ANT 1		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		33.62	33.51	33.38	**34.00**	24.62	24.51	24.38	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.61	33.49	33.37	**34.00**	24.61	24.49	24.37	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.50	30.28	30.08	**31.00**	24.50	24.28	24.08	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.63	28.45	28.18	**29.20**	24.37	24.19	23.92	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.04	27.07	26.95	**28.00**	24.04	24.07	23.95	25.00
EDGE 1 Tx slot		27.27	27.54	27.05	**28.00**	18.27	18.54	18.05	19.00
EDGE 2 Tx slots		25.08	25.09	24.92	**25.20**	19.08	19.09	18.92	19.20
EDGE 3 Tx slots		23.82	23.83	23.68	**24.00**	19.56	19.57	19.42	19.74
EDGE 4 Tx slots		23.05	23.18	23.11	**23.50**	20.05	20.18	20.11	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.38	30.14	29.95	**31.00**	24.43	24.19	23.97	24.98
	GPRS 1 Tx slot	30.52	30.28	30.04	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.34	30.29	30.05	**31.00**	24.40	24.22	24.04	24.98
	GPRS 1 Tx slot	30.50	30.19	30.07	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.59	28.39	28.18	**29.20**	24.34	24.14	23.88	24.94
	GPRS 2 Tx slots	28.61	28.41	28.12	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.53	30.32	30.12	**31.00**	22.53	22.36	22.17	22.98
	EDGE 1 Tx slot	24.81	24.80	24.65	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.51	30.22	30.17	**31.00**	22.51	22.30	22.20	22.98
	EDGE 1 Tx slot	24.77	24.86	24.60	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.68	28.55	28.27	**29.20**	21.70	21.62	21.40	22.22
	EDGE 2 Tx slots	23.49	23.48	23.36	**24.00**				

GSM1900_ANT 3		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		29.05	28.90	29.21	**30.00**	20.05	19.90	20.21	21.00
GPRS/EDGE(GMSK) 1 Tx slot		29.21	29.06	29.23	**30.00**	20.21	20.06	20.23	21.00
GPRS/EDGE(GMSK) 2 Tx slots		25.86	25.64	25.67	**27.00**	19.86	19.64	19.67	21.00
GPRS/EDGE(GMSK) 3 Tx slots		24.09	23.75	23.88	**25.20**	19.83	19.49	19.62	20.94
GPRS/EDGE(GMSK) 4 Tx slots		22.62	22.65	22.61	**24.00**	19.62	19.65	19.61	21.00
EDGE 1 Tx slot		25.10	25.00	24.75	**26.00**	16.10	16.00	15.75	17.00
EDGE 2 Tx slots		21.75	21.79	21.62	**23.00**	15.75	15.79	15.62	17.00
EDGE 3 Tx slots		20.10	20.06	19.80	**21.20**	15.84	15.80	15.54	16.94
EDGE 4 Tx slots		19.02	18.97	18.83	**20.00**	16.02	15.97	15.83	17.00
DTM Multi-slot class 5	GSM 1 Tx slot	25.85	25.85	25.59	**27.00**	19.86	19.76	19.51	20.98
	GPRS 1 Tx slot	25.92	25.71	25.48	**27.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.81	25.65	25.42	**27.00**	19.81	19.60	19.44	20.98
	GPRS 1 Tx slot	25.86	25.60	25.50	**27.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.14	24.16	23.87	**25.20**	19.93	19.87	19.60	20.94
	GPRS 2 Tx slots	24.22	24.11	23.86	**25.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	25.79	25.74	25.72	**27.00**	18.19	18.09	18.05	19.42
	EDGE 1 Tx slot	21.71	21.47	21.39	**23.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.83	25.69	25.49	**27.00**	18.18	18.05	17.88	19.42
	EDGE 1 Tx slot	21.56	21.47	21.36	**23.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.06	24.18	23.68	**25.20**	17.42	17.44	17.16	18.71
	EDGE 2 Tx slots	19.70	19.59	19.60	**21.20**				

Band		WCDMA II_ANT 3			Tune-up Limit (dBm)	WCDMA IV_ANT 3			Tune-up Limit (dBm)	WCDMA V_ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.53	19.62	19.68	20.50	20.06	20.13	20.02	21.00	24.01	24.09	24.00	25.00
3GPP Rel 99	RMC 12.2Kbps	19.64	19.68	19.65	20.50	20.14	20.17	20.05	21.00	24.03	24.11	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	18.86	18.83	18.81	19.50	19.25	19.38	19.14	20.00	22.85	22.93	22.88	24.00
3GPP Rel 6	HSDPA Subtest-2	18.67	18.77	18.75	19.50	19.40	19.27	19.22	20.00	22.83	22.92	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	18.20	18.18	18.31	19.00	18.79	18.78	18.69	19.50	22.34	22.47	22.37	23.50
3GPP Rel 6	HSDPA Subtest-4	18.45	18.37	18.25	19.00	18.77	18.80	18.81	19.50	22.39	22.39	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.67	18.59	18.67	19.50	19.26	19.29	19.02	20.00	22.77	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.72	18.58	18.63	19.50	19.22	19.34	19.15	20.00	22.68	22.76	22.76	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.20	18.29	18.06	19.00	18.64	18.81	18.58	19.50	22.28	22.38	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.13	18.19	18.02	19.00	18.86	18.79	18.73	19.50	22.23	22.30	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	18.85	18.79	18.80	19.50	19.29	19.34	19.16	20.00	22.75	22.88	22.86	24.00
3GPP Rel 6	HSUPA Subtest-2	16.81	16.99	16.83	17.50	15.30	15.34	15.24	16.00	20.76	20.85	20.84	22.00
3GPP Rel 6	HSUPA Subtest-3	17.75	17.68	17.86	18.50	16.29	16.34	16.29	17.00	21.76	21.86	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	16.81	16.79	16.88	17.50	15.33	15.34	15.18	16.00	20.73	20.88	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	18.90	18.74	18.86	19.50	19.35	19.43	19.47	20.00	22.80	22.90	22.90	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.70	15.69	15.78	16.50	16.25	16.36	16.31	17.00	21.10	21.20	21.10	22.00

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		31.87	32.28	32.16	**33.00**	22.87	23.28	23.16	24.00
GPRS/EDGE(GMSK) 1 Tx slot		31.86	32.29	32.14	**33.00**	22.86	23.29	23.14	24.00
GPRS/EDGE(GMSK) 2 Tx slots		28.82	28.77	29.27	**30.00**	22.82	22.77	23.27	24.00
GPRS/EDGE(GMSK) 3 Tx slots		27.10	26.92	26.82	**28.20**	22.84	22.66	22.56	23.94
GPRS/EDGE(GMSK) 4 Tx slots		25.06	25.54	25.38	**27.00**	22.06	22.54	22.38	24.00
EDGE 1 Tx slot		26.23	26.04	25.91	**27.00**	17.23	17.04	16.91	18.00
EDGE 2 Tx slots		24.14	24.01	23.81	**24.20**	18.14	18.01	17.81	18.20
EDGE 3 Tx slots		22.79	22.64	22.49	**23.00**	18.53	18.38	18.23	18.74
EDGE 4 Tx slots		21.98	22.17	21.95	**22.50**	18.98	19.17	18.95	19.50
DTM Multi-slot class 5	GSM 1 Tx slot	29.38	29.68	29.54	**30.00**	23.42	23.69	23.50	23.98
	GPRS 1 Tx slot	29.50	29.74	29.51	**30.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.33	29.67	29.59	**30.00**	23.37	23.61	23.55	23.98
	GPRS 1 Tx slot	29.45	29.59	29.55	**30.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.25	27.31	27.07	**28.20**	22.98	22.99	22.84	23.94
	GPRS 2 Tx slots	27.24	27.22	27.11	**28.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.51	29.57	29.72	**30.00**	21.49	21.52	21.60	21.98
	EDGE 1 Tx slot	23.71	23.61	23.42	**24.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.51	29.63	29.79	**30.00**	21.52	21.57	21.69	21.98
	EDGE 1 Tx slot	23.82	23.61	23.60	**24.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.19	27.22	27.11	**28.20**	20.42	20.45	20.33	21.22
	EDGE 2 Tx slots	22.53	22.55	22.41	**23.00**				

GSM1900_ANT 2		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		29.24	29.01	28.83	**30.00**	20.24	20.01	19.83	21.00
GPRS/EDGE(GMSK) 1 Tx slot		29.27	29.02	28.87	**30.00**	20.27	20.02	19.87	21.00
GPRS/EDGE(GMSK) 2 Tx slots		26.84	26.53	26.75	**27.00**	20.84	20.53	20.75	21.00
GPRS/EDGE(GMSK) 3 Tx slots		25.01	24.80	24.86	**25.20**	20.75	20.54	20.60	20.94
GPRS/EDGE(GMSK) 4 Tx slots		23.64	23.66	23.61	**24.00**	20.64	20.66	20.61	21.00
EDGE 1 Tx slot		25.39	25.37	25.21	**25.50**	16.39	16.37	16.21	16.50
EDGE 2 Tx slots		22.76	23.00	22.70	**24.20**	16.76	17.00	16.70	18.20
EDGE 3 Tx slots		21.07	20.77	20.64	**22.00**	16.81	16.51	16.38	17.74
EDGE 4 Tx slots		20.01	19.87	19.67	**21.00**	17.01	16.87	16.67	18.00
DTM Multi-slot class 5	GSM 1 Tx slot	26.63	26.40	26.48	**27.00**	20.65	20.32	20.45	20.98
	GPRS 1 Tx slot	26.71	26.29	26.47	**27.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.55	26.36	26.45	**27.00**	20.61	20.31	20.47	20.98
	GPRS 1 Tx slot	26.71	26.31	26.53	**27.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.87	24.71	24.73	**25.20**	20.46	20.38	20.48	20.94
	GPRS 2 Tx slots	24.65	24.60	24.74	**25.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.72	26.34	26.65	**27.00**	19.05	18.81	18.98	19.80
	EDGE 1 Tx slot	22.39	22.51	22.30	**24.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.73	26.35	26.60	**27.00**	19.03	18.81	18.94	19.80
	EDGE 1 Tx slot	22.26	22.49	22.29	**24.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.84	24.67	24.70	**25.20**	18.27	18.04	18.03	19.09
	EDGE 2 Tx slots	20.65	20.35	20.28	**22.00**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.82	20.98	20.77	**21.50**	20.89	21.03	20.92	**21.50**	22.07	22.21	22.07	**23.00**
3GPP Rel 99	RMC 12.2Kbps	20.94	21.03	20.85	**21.50**	21.00	21.09	21.07	**21.50**	22.14	22.28	22.13	**23.00**
3GPP Rel 6	HSDPA Subtest-1	20.05	20.06	19.89	**20.50**	20.17	20.20	20.05	**20.50**	20.99	21.12	21.03	**22.00**
3GPP Rel 6	HSDPA Subtest-2	19.96	20.02	20.09	**20.50**	20.13	20.29	20.06	**20.50**	21.02	21.14	20.97	**22.00**
3GPP Rel 6	HSDPA Subtest-3	19.48	19.53	19.45	**20.00**	19.75	19.69	19.60	**20.00**	20.54	20.60	20.56	**21.50**
3GPP Rel 6	HSDPA Subtest-4	19.46	19.56	19.43	**20.00**	19.57	19.69	19.68	**20.00**	20.48	20.52	20.45	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-1	19.87	19.85	19.93	**20.50**	20.19	20.17	19.91	**20.50**	20.95	20.95	20.91	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-2	19.94	19.84	19.87	**20.50**	20.01	20.05	20.05	**20.50**	20.86	21.00	20.98	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-3	19.29	19.44	19.26	**20.00**	19.65	19.63	19.52	**20.00**	20.38	20.34	20.37	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-4	19.40	19.51	19.27	**20.00**	19.62	19.62	19.61	**20.00**	20.37	20.52	20.34	**21.50**
3GPP Rel 6	HSUPA Subtest-1	19.97	20.10	20.08	**20.50**	20.24	20.30	20.04	**20.50**	21.02	21.10	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-2	17.99	18.03	17.96	**18.50**	16.30	16.30	16.12	**16.50**	18.97	19.00	18.95	**20.00**
3GPP Rel 6	HSUPA Subtest-3	18.91	19.02	19.00	**19.50**	17.22	17.38	17.09	**17.50**	20.03	20.08	19.99	**21.00**
3GPP Rel 6	HSUPA Subtest-4	17.97	18.10	18.08	**18.50**	16.30	16.34	16.18	**16.50**	18.94	19.16	19.00	**20.00**
3GPP Rel 6	HSUPA Subtest-5	20.06	20.04	19.94	**20.50**	20.24	20.20	20.13	**20.50**	21.07	20.86	21.06	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-6	16.49	16.49	16.42	**17.50**	16.85	16.69	16.58	**17.50**	18.34	18.40	18.31	**20.00**

Band 2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.67	19.69	19.64	21	0
20	QPSK	1	49	19.56	19.6	19.63		
20	QPSK	1	99	19.6	19.57	19.58		
20	QPSK	50	0	19.62	19.67	19.51	21	0
20	QPSK	50	24	19.54	19.59	19.4		
20	QPSK	50	50	19.54	19.64	19.43		
20	QPSK	100	0	19.53	19.63	19.42		
20	16QAM	1	0	19.46	19.6	19.4	21	0
20	16QAM	1	49	19.41	19.56	19.34		
20	16QAM	1	99	19.52	19.59	19.37		
20	16QAM	50	0	19.46	19.5	19.32	21	0
20	16QAM	50	24	19.51	19.56	19.33		
20	16QAM	50	50	19.42	19.58	19.41		
20	16QAM	100	0	19.43	19.54	19.34		
20	64QAM	1	0	19.49	19.56	19.29	21	0
20	64QAM	1	49	19.4	19.61	19.38		
20	64QAM	1	99	19.5	19.57	19.31		
20	64QAM	50	0	19.45	19.5	19.35	21	0
20	64QAM	50	24	19.51	19.54	19.33		
20	64QAM	50	50	19.52	19.56	19.38		
20	64QAM	100	0	19.52	19.61	19.38		
20	256QAM	1	0	18.47	18.55	18.31	20	1
20	256QAM	1	49	18.41	18.55	18.34		
20	256QAM	1	99	18.42	18.57	18.30		
20	256QAM	50	0	18.50	18.52	18.39	20	1
20	256QAM	50	24	18.41	18.55	18.39		
20	256QAM	50	50	18.51	18.56	18.41		
20	256QAM	100	0	18.49	18.51	18.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.64	19.66	19.58	21	0
15	QPSK	1	37	19.51	19.48	19.54		
15	QPSK	1	74	19.55	19.5	19.56		
15	QPSK	36	0	19.55	19.59	19.54	21	0
15	QPSK	36	20	19.48	19.57	19.53		
15	QPSK	36	39	19.55	19.59	19.52		
15	QPSK	75	0	19.59	19.6	19.62		
15	16QAM	1	0	19.56	19.52	19.49	21	0
15	16QAM	1	37	19.43	19.55	19.46		
15	16QAM	1	74	19.5	19.58	19.58		
15	16QAM	36	0	19.41	19.48	19.47	21	0
15	16QAM	36	20	19.47	19.55	19.54		
15	16QAM	36	39	19.56	19.56	19.5		
15	16QAM	75	0	19.43	19.52	19.46		
15	64QAM	1	0	19.54	19.43	19.5	21	0
15	64QAM	1	37	19.53	19.49	19.52		
15	64QAM	1	74	19.55	19.42	19.42		
15	64QAM	36	0	19.47	19.42	19.41	21	0
15	64QAM	36	20	19.48	19.49	19.48		
15	64QAM	36	39	19.53	19.5	19.55		
15	64QAM	75	0	19.53	19.6	19.6		
15	256QAM	1	0	18.50	18.43	18.46	20	1
15	256QAM	1	37	18.45	18.38	18.50		
15	256QAM	1	74	18.51	18.47	18.55		
15	256QAM	36	0	18.36	18.48	18.50	20	1
15	256QAM	36	20	18.54	18.51	18.38		
15	256QAM	36	39	18.42	18.45	18.46		
15	256QAM	75	0	18.41	18.49	18.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.56	19.59	19.65	21	0
10	QPSK	1	25	19.5	19.59	19.59		
10	QPSK	1	49	19.46	19.55	19.55		
10	QPSK	25	0	19.59	19.65	19.56	21	0
10	QPSK	25	12	19.48	19.57	19.55		
10	QPSK	25	25	19.56	19.57	19.52		
10	QPSK	50	0	19.6	19.56	19.56		
10	16QAM	1	0	19.55	19.58	19.54	21	0
10	16QAM	1	25	19.55	19.51	19.53		
10	16QAM	1	49	19.58	19.48	19.49		
10	16QAM	25	0	19.44	19.42	19.44	21	0
10	16QAM	25	12	19.45	19.43	19.51		
10	16QAM	25	25	19.48	19.5	19.52		
10	16QAM	50	0	19.47	19.48	19.51		
10	64QAM	1	0	19.48	19.54	19.45	21	0
10	64QAM	1	25	19.46	19.52	19.49		
10	64QAM	1	49	19.44	19.43	19.53		
10	64QAM	25	0	19.42	19.43	19.47	21	0
10	64QAM	25	12	19.51	19.44	19.52		
10	64QAM	25	25	19.48	19.46	19.55		
10	64QAM	50	0	19.51	19.53	19.52		
10	256QAM	1	0	18.47	18.35	18.44	20	1
10	256QAM	1	25	18.47	18.45	18.40		
10	256QAM	1	49	18.54	18.46	18.41		
10	256QAM	25	0	18.49	18.47	18.45	20	1
10	256QAM	25	12	18.43	18.43	18.46		
10	256QAM	25	25	18.44	18.41	18.42		
10	256QAM	50	0	18.34	18.36	18.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.68	19.62	19.56	21	0
5	QPSK	1	12	19.48	19.54	19.57		
5	QPSK	1	24	19.55	19.47	19.52		
5	QPSK	12	0	19.63	19.57	19.56	21	0
5	QPSK	12	7	19.56	19.5	19.55		
5	QPSK	12	13	19.53	19.55	19.53		
5	QPSK	25	0	19.57	19.53	19.59		
5	16QAM	1	0	19.57	19.55	19.5	21	0
5	16QAM	1	12	19.49	19.52	19.52		
5	16QAM	1	24	19.46	19.51	19.56		
5	16QAM	12	0	19.47	19.47	19.49	21	0
5	16QAM	12	7	19.46	19.47	19.47		
5	16QAM	12	13	19.45	19.53	19.55		
5	16QAM	25	0	19.45	19.48	19.45		
5	64QAM	1	0	19.41	19.46	19.54	21	0
5	64QAM	1	12	19.48	19.5	19.46		
5	64QAM	1	24	19.48	19.42	19.49		
5	64QAM	12	0	19.41	19.48	19.47	21	0
5	64QAM	12	7	19.5	19.48	19.53		
5	64QAM	12	13	19.49	19.55	19.55		
5	64QAM	25	0	19.52	19.57	19.56		
5	256QAM	1	0	18.48	18.54	18.54	20	1
5	256QAM	1	12	18.35	18.46	18.41		
5	256QAM	1	24	18.39	18.56	18.39		
5	256QAM	12	0	18.36	18.39	18.44	20	1
5	256QAM	12	7	18.41	18.39	18.41		
5	256QAM	12	13	18.54	18.54	18.50		
5	256QAM	25	0	18.34	18.47	18.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.58	19.59	19.62	21	0
3	QPSK	1	8	19.52	19.52	19.57		
3	QPSK	1	14	19.54	19.54	19.44		
3	QPSK	8	0	19.61	19.62	19.64	21	0
3	QPSK	8	4	19.53	19.48	19.48		
3	QPSK	8	7	19.61	19.51	19.62		
3	QPSK	15	0	19.61	19.51	19.51		
3	16QAM	1	0	19.52	19.57	19.51	21	0
3	16QAM	1	8	19.51	19.44	19.46		
3	16QAM	1	14	19.55	19.58	19.48		
3	16QAM	8	0	19.49	19.4	19.46	21	0
3	16QAM	8	4	19.48	19.47	19.48		
3	16QAM	8	7	19.48	19.52	19.56		
3	16QAM	15	0	19.51	19.43	19.53		
3	64QAM	1	0	19.41	19.55	19.55	21	0
3	64QAM	1	8	19.58	19.5	19.46		
3	64QAM	1	14	19.42	19.46	19.42		
3	64QAM	8	0	19.46	19.43	19.42	21	0
3	64QAM	8	4	19.47	19.47	19.53		
3	64QAM	8	7	19.48	19.52	19.54		
3	64QAM	15	0	19.58	19.56	19.53		
3	256QAM	1	0	18.47	18.47	18.45	20	1
3	256QAM	1	8	18.37	18.36	18.42		
3	256QAM	1	14	18.56	18.40	18.48		
3	256QAM	8	0	18.37	18.36	18.35	20	1
3	256QAM	8	4	18.39	18.43	18.48		
3	256QAM	8	7	18.36	18.43	18.47		
3	256QAM	15	0	18.33	18.43	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.59	19.56	19.6	21	0
1.4	QPSK	1	3	19.52	19.52	19.59		
1.4	QPSK	1	5	19.52	19.56	19.56		
1.4	QPSK	3	0	19.63	19.61	19.66		
1.4	QPSK	3	1	19.46	19.49	19.54		
1.4	QPSK	3	3	19.52	19.51	19.62		
1.4	QPSK	6	0	19.62	19.59	19.6	21	0
1.4	16QAM	1	0	19.52	19.49	19.58	21	0
1.4	16QAM	1	3	19.51	19.51	19.44		
1.4	16QAM	1	5	19.48	19.57	19.46		
1.4	16QAM	3	0	19.41	19.43	19.42		
1.4	16QAM	3	1	19.52	19.46	19.44		
1.4	16QAM	3	3	19.49	19.47	19.48		
1.4	16QAM	6	0	19.44	19.51	19.49	21	0
1.4	64QAM	1	0	19.42	19.54	19.53	21	0
1.4	64QAM	1	3	19.59	19.56	19.59		
1.4	64QAM	1	5	19.51	19.56	19.54		
1.4	64QAM	3	0	19.43	19.47	19.49		
1.4	64QAM	3	1	19.49	19.46	19.44		
1.4	64QAM	3	3	19.49	19.54	19.54		
1.4	64QAM	6	0	19.55	19.58	19.52	21	0
1.4	256QAM	1	0	18.51	18.42	18.44	20	1
1.4	256QAM	1	3	18.44	18.42	18.54		
1.4	256QAM	1	5	18.39	18.39	18.48		
1.4	256QAM	3	0	18.41	18.43	18.33		
1.4	256QAM	3	1	18.37	18.38	18.40		
1.4	256QAM	3	3	18.38	18.43	18.44		
1.4	256QAM	6	0	18.37	18.36	18.38	20	1

Band 4_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.57	18.61	18.54	20	0
20	QPSK	1	49	18.53	18.51	18.41		
20	QPSK	1	99	18.49	18.49	18.46		
20	QPSK	50	0	18.49	18.52	18.44	20	0
20	QPSK	50	24	18.45	18.43	18.31		
20	QPSK	50	50	18.4	18.45	18.35		
20	QPSK	100	0	18.41	18.43	18.36		
20	16QAM	1	0	18.41	18.5	18.43	20	0
20	16QAM	1	49	18.42	18.46	18.37		
20	16QAM	1	99	18.48	18.44	18.41		
20	16QAM	50	0	18.44	18.43	18.41	20	0
20	16QAM	50	24	18.39	18.44	18.4		
20	16QAM	50	50	18.41	18.45	18.39		
20	16QAM	100	0	18.39	18.41	18.38		
20	64QAM	1	0	18.46	18.51	18.43	20	0
20	64QAM	1	49	18.36	18.44	18.43		
20	64QAM	1	99	18.4	18.42	18.41		
20	64QAM	50	0	18.48	18.44	18.36	20	0
20	64QAM	50	24	18.38	18.39	18.32		
20	64QAM	50	50	18.45	18.44	18.38		
20	64QAM	100	0	18.43	18.41	18.32		
20	256QAM	1	0	18.48	18.41	18.37	20	0
20	256QAM	1	49	18.36	18.45	18.35		
20	256QAM	1	99	18.47	18.47	18.42		
20	256QAM	50	0	18.47	18.43	18.37	20	0
20	256QAM	50	24	18.45	18.45	18.35		
20	256QAM	50	50	18.38	18.42	18.31		
20	256QAM	100	0	18.40	18.40	18.32		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.48	18.57	18.49	20	0
15	QPSK	1	37	18.43	18.4	18.43		
15	QPSK	1	74	18.43	18.41	18.4		
15	QPSK	36	0	18.51	18.44	18.44	20	0
15	QPSK	36	20	18.41	18.4	18.32		
15	QPSK	36	39	18.4	18.38	18.33		
15	QPSK	75	0	18.36	18.36	18.31		
15	16QAM	1	0	18.39	18.46	18.46	20	0
15	16QAM	1	37	18.44	18.37	18.44		
15	16QAM	1	74	18.35	18.31	18.34		
15	16QAM	36	0	18.39	18.31	18.42	20	0
15	16QAM	36	20	18.41	18.41	18.36		
15	16QAM	36	39	18.32	18.39	18.44		
15	16QAM	75	0	18.35	18.39	18.37		
15	64QAM	1	0	18.47	18.43	18.44	20	0
15	64QAM	1	37	18.31	18.31	18.35		
15	64QAM	1	74	18.37	18.36	18.34		
15	64QAM	36	0	18.41	18.4	18.36	20	0
15	64QAM	36	20	18.36	18.33	18.37		
15	64QAM	36	39	18.35	18.36	18.42		
15	64QAM	75	0	18.39	18.35	18.4		
15	256QAM	1	0	18.39	18.28	18.31	20	0
15	256QAM	1	37	18.26	18.27	18.42		
15	256QAM	1	74	18.29	18.35	18.40		
15	256QAM	36	0	18.41	18.39	18.33	20	0
15	256QAM	36	20	18.25	18.40	18.38		
15	256QAM	36	39	18.29	18.32	18.30		
15	256QAM	75	0	18.32	18.22	18.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.49	18.5	18.51	20	0
10	QPSK	1	25	18.47	18.43	18.38		
10	QPSK	1	49	18.47	18.36	18.48		
10	QPSK	25	0	18.46	18.41	18.45	20	0
10	QPSK	25	12	18.36	18.33	18.42		
10	QPSK	25	25	18.4	18.37	18.41		
10	QPSK	50	0	18.36	18.36	18.3		
10	16QAM	1	0	18.46	18.44	18.49	20	0
10	16QAM	1	25	18.37	18.36	18.41		
10	16QAM	1	49	18.41	18.34	18.36		
10	16QAM	25	0	18.41	18.31	18.32	20	0
10	16QAM	25	12	18.37	18.38	18.4		
10	16QAM	25	25	18.35	18.41	18.33		
10	16QAM	50	0	18.3	18.32	18.4		
10	64QAM	1	0	18.45	18.47	18.41	20	0
10	64QAM	1	25	18.38	18.42	18.37		
10	64QAM	1	49	18.38	18.31	18.34		
10	64QAM	25	0	18.34	18.39	18.4	20	0
10	64QAM	25	12	18.34	18.33	18.36		
10	64QAM	25	25	18.34	18.41	18.36		
10	64QAM	50	0	18.4	18.4	18.35		
10	256QAM	1	0	18.22	18.23	18.40	20	0
10	256QAM	1	25	18.32	18.25	18.25		
10	256QAM	1	49	18.33	18.29	18.28		
10	256QAM	25	0	18.40	18.25	18.42	20	0
10	256QAM	25	12	18.43	18.42	18.41		
10	256QAM	25	25	18.31	18.22	18.32		
10	256QAM	50	0	18.35	18.28	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.53	18.51	18.58	20	0
5	QPSK	1	12	18.42	18.38	18.47		
5	QPSK	1	24	18.48	18.38	18.44		
5	QPSK	12	0	18.5	18.43	18.45	20	0
5	QPSK	12	7	18.33	18.38	18.39		
5	QPSK	12	13	18.41	18.34	18.34		
5	QPSK	25	0	18.3	18.32	18.4		
5	16QAM	1	0	18.4	18.44	18.49	20	0
5	16QAM	1	12	18.42	18.38	18.33		
5	16QAM	1	24	18.37	18.33	18.38		
5	16QAM	12	0	18.41	18.36	18.31	20	0
5	16QAM	12	7	18.34	18.37	18.36		
5	16QAM	12	13	18.39	18.43	18.37		
5	16QAM	25	0	18.31	18.36	18.37		
5	64QAM	1	0	18.46	18.43	18.43	20	0
5	64QAM	1	12	18.36	18.29	18.43		
5	64QAM	1	24	18.4	18.33	18.28		
5	64QAM	12	0	18.38	18.39	18.37	20	0
5	64QAM	12	7	18.31	18.38	18.29		
5	64QAM	12	13	18.4	18.38	18.4		
5	64QAM	25	0	18.36	18.33	18.4		
5	256QAM	1	0	18.26	18.30	18.26	20	0
5	256QAM	1	12	18.39	18.42	18.35		
5	256QAM	1	24	18.44	18.46	18.40		
5	256QAM	12	0	18.39	18.31	18.38	20	0
5	256QAM	12	7	18.31	18.39	18.29		
5	256QAM	12	13	18.36	18.37	18.34		
5	256QAM	25	0	18.39	18.20	18.20		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.57	18.5	18.53	20	0
3	QPSK	1	8	18.44	18.47	18.43		
3	QPSK	1	14	18.36	18.45	18.43		
3	QPSK	8	0	18.41	18.4	18.44	20	0
3	QPSK	8	4	18.33	18.37	18.31		
3	QPSK	8	7	18.42	18.34	18.35		
3	QPSK	15	0	18.41	18.4	18.34		
3	16QAM	1	0	18.46	18.47	18.4	20	0
3	16QAM	1	8	18.33	18.4	18.42		
3	16QAM	1	14	18.43	18.36	18.34		
3	16QAM	8	0	18.38	18.38	18.39	20	0
3	16QAM	8	4	18.42	18.32	18.37		
3	16QAM	8	7	18.34	18.37	18.36		
3	16QAM	15	0	18.36	18.4	18.4		
3	64QAM	1	0	18.42	18.38	18.4	20	0
3	64QAM	1	8	18.41	18.43	18.33		
3	64QAM	1	14	18.39	18.37	18.29		
3	64QAM	8	0	18.42	18.4	18.4	20	0
3	64QAM	8	4	18.34	18.36	18.36		
3	64QAM	8	7	18.35	18.4	18.37		
3	64QAM	15	0	18.31	18.31	18.39		
3	256QAM	1	0	18.24	18.23	18.26	20	0
3	256QAM	1	8	18.33	18.41	18.38		
3	256QAM	1	14	18.36	18.38	18.37		
3	256QAM	8	0	18.38	18.37	18.24	20	0
3	256QAM	8	4	18.33	18.39	18.36		
3	256QAM	8	7	18.25	18.23	18.40		
3	256QAM	15	0	18.28	18.29	18.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.6	18.49	18.54	20	0
1.4	QPSK	1	3	18.43	18.42	18.42		
1.4	QPSK	1	5	18.44	18.48	18.45		
1.4	QPSK	3	0	18.43	18.48	18.5		
1.4	QPSK	3	1	18.38	18.42	18.34		
1.4	QPSK	3	3	18.32	18.37	18.44		
1.4	QPSK	6	0	18.33	18.37	18.4	20	0
1.4	16QAM	1	0	18.38	18.37	18.49	20	0
1.4	16QAM	1	3	18.45	18.35	18.42		
1.4	16QAM	1	5	18.42	18.34	18.42		
1.4	16QAM	3	0	18.42	18.39	18.32		
1.4	16QAM	3	1	18.42	18.41	18.34		
1.4	16QAM	3	3	18.42	18.42	18.36		
1.4	16QAM	6	0	18.35	18.3	18.35	20	0
1.4	64QAM	1	0	18.4	18.42	18.5	20	0
1.4	64QAM	1	3	18.34	18.31	18.43		
1.4	64QAM	1	5	18.37	18.39	18.37		
1.4	64QAM	3	0	18.41	18.37	18.34		
1.4	64QAM	3	1	18.34	18.31	18.35		
1.4	64QAM	3	3	18.39	18.36	18.39		
1.4	64QAM	6	0	18.36	18.33	18.38	20	0
1.4	256QAM	1	0	18.33	18.34	18.31	20	0
1.4	256QAM	1	3	18.43	18.28	18.42		
1.4	256QAM	1	5	18.28	18.37	18.28		
1.4	256QAM	3	0	18.35	18.27	18.37		
1.4	256QAM	3	1	18.31	18.40	18.44		
1.4	256QAM	3	3	18.38	18.28	18.29		
1.4	256QAM	6	0	18.33	18.21	18.37	20	0

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.55	23.68	23.64	25	0
10	QPSK	1	25	23.38	23.55	23.45		
10	QPSK	1	49	23.24	23.47	23.38		
10	QPSK	25	0	22.45	22.49	22.43	24	1
10	QPSK	25	12	22.36	22.44	22.36		
10	QPSK	25	25	22.31	22.4	22.34		
10	QPSK	50	0	22.47	22.55	22.35		
10	16QAM	1	0	22.8	22.86	22.76	24	1
10	16QAM	1	25	22.7	23.13	23.12		
10	16QAM	1	49	22.85	22.79	22.95		
10	16QAM	25	0	21.41	21.34	21.46	23	2
10	16QAM	25	12	21.47	21.37	21.54		
10	16QAM	25	25	21.45	21.45	21.36		
10	16QAM	50	0	21.44	21.38	21.52		
10	64QAM	1	0	21.94	21.57	21.67	23	2
10	64QAM	1	25	21.66	21.82	21.55		
10	64QAM	1	49	21.76	21.61	21.68		
10	64QAM	25	0	20.33	20.36	20.49	22	3
10	64QAM	25	12	20.52	20.43	20.54		
10	64QAM	25	25	20.53	20.45	20.63		
10	64QAM	50	0	20.45	20.4	20.47		
10	256QAM	1	0	19.04	19.08	19.02	20	5
10	256QAM	1	25	19.01	19.03	18.96		
10	256QAM	1	49	18.92	19.01	18.89		
10	256QAM	25	0	19.01	18.96	19.01	20	5
10	256QAM	25	12	18.91	19.00	18.95		
10	256QAM	25	25	18.96	19.02	18.91		
10	256QAM	50	0	18.89	18.95	18.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.29	23.4	23.4	25	0
5	QPSK	1	12	23.39	23.51	23.49		
5	QPSK	1	24	23.33	23.44	23.28		
5	QPSK	12	0	22.29	22.39	22.39	24	1
5	QPSK	12	7	22.47	22.39	22.43		
5	QPSK	12	13	22.5	22.41	22.42		
5	QPSK	25	0	22.38	22.37	22.34		
5	16QAM	1	0	22.79	22.73	22.98	24	1
5	16QAM	1	12	22.81	22.97	23.02		
5	16QAM	1	24	22.85	22.97	22.63		
5	16QAM	12	0	21.31	21.48	21.36	23	2
5	16QAM	12	7	21.5	21.49	21.48		
5	16QAM	12	13	21.52	21.37	21.44		
5	16QAM	25	0	21.47	21.35	21.37		
5	64QAM	1	0	21.57	21.38	21.42	23	2
5	64QAM	1	12	21.88	21.77	21.71		
5	64QAM	1	24	21.65	21.88	21.78		
5	64QAM	12	0	20.4	20.4	20.38	22	3
5	64QAM	12	7	20.46	20.55	20.48		
5	64QAM	12	13	20.56	20.54	20.34		
5	64QAM	25	0	20.44	20.47	20.46		
5	256QAM	1	0	19.01	19.04	18.96	20	5
5	256QAM	1	12	18.96	19.00	18.94		
5	256QAM	1	24	18.99	18.94	18.93		
5	256QAM	12	0	18.96	18.92	18.96	20	5
5	256QAM	12	7	18.96	18.98	19.02		
5	256QAM	12	13	18.99	18.97	18.99		
5	256QAM	25	0	18.87	18.96	18.95		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.23	23.45	23.22	25	0
3	QPSK	1	8	23.37	23.41	23.41		
3	QPSK	1	14	23.19	23.38	23.33		
3	QPSK	8	0	22.44	22.38	22.3	24	1
3	QPSK	8	4	22.44	22.48	22.42		
3	QPSK	8	7	22.41	22.41	22.4		
3	QPSK	15	0	22.47	22.3	22.37		
3	16QAM	1	0	22.49	22.7	22.66	24	1
3	16QAM	1	8	22.54	22.88	22.87		
3	16QAM	1	14	22.57	22.49	22.85		
3	16QAM	8	0	21.49	21.4	21.39	23	2
3	16QAM	8	4	21.41	21.57	21.53		
3	16QAM	8	7	21.42	21.52	21.53		
3	16QAM	15	0	21.48	21.39	21.53		
3	64QAM	1	0	21.92	21.55	21.65	23	2
3	64QAM	1	8	21.65	21.86	21.75		
3	64QAM	1	14	21.65	21.61	21.54		
3	64QAM	8	0	20.39	20.42	20.44	22	3
3	64QAM	8	4	20.43	20.5	20.44		
3	64QAM	8	7	20.47	20.31	20.57		
3	64QAM	15	0	20.47	20.36	20.44		
3	256QAM	1	0	19.10	19.08	19.06	20	5
3	256QAM	1	8	18.98	19.01	18.97		
3	256QAM	1	14	18.91	19.01	18.97		
3	256QAM	8	0	18.98	18.89	18.98	20	5
3	256QAM	8	4	18.91	19.01	18.99		
3	256QAM	8	7	18.97	19.04	18.98		
3	256QAM	15	0	18.93	18.89	18.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.37	23.25	23.46	25	0
1.4	QPSK	1	3	23.39	23.28	23.37		
1.4	QPSK	1	5	23.33	23.31	23.38		
1.4	QPSK	3	0	23.35	23.35	23.45		
1.4	QPSK	3	1	23.38	23.3	23.33		
1.4	QPSK	3	3	23.22	23.33	23.31		
1.4	QPSK	6	0	22.32	22.3	22.43	24	1
1.4	16QAM	1	0	22.47	22.58	22.78	24	1
1.4	16QAM	1	3	22.69	22.54	22.64		
1.4	16QAM	1	5	22.9	22.87	22.68		
1.4	16QAM	3	0	22.46	22.51	22.41		
1.4	16QAM	3	1	22.44	22.42	22.68		
1.4	16QAM	3	3	22.42	22.48	22.66		
1.4	16QAM	6	0	21.53	21.46	21.53	23	2
1.4	64QAM	1	0	21.64	21.38	21.69	23	2
1.4	64QAM	1	3	21.38	21.32	21.55		
1.4	64QAM	1	5	21.69	21.49	21.6		
1.4	64QAM	3	0	21.73	21.39	21.54		
1.4	64QAM	3	1	21.78	21.37	21.64		
1.4	64QAM	3	3	21.55	21.38	21.51		
1.4	64QAM	6	0	20.44	20.34	20.61	22	3
1.4	256QAM	1	0	19.06	19.03	18.98	20	5
1.4	256QAM	1	3	18.93	19.03	18.91		
1.4	256QAM	1	5	18.99	18.98	19.01		
1.4	256QAM	3	0	18.99	18.91	18.96		
1.4	256QAM	3	1	18.91	18.99	19.06		
1.4	256QAM	3	3	18.91	18.99	19.00		
1.4	256QAM	6	0	18.86	18.88	18.96	20	5

Band 7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.49	20.51	20.48	21.5	0
20	QPSK	1	49	20.42	20.49	20.47		
20	QPSK	1	99	20.45	20.47	20.45		
20	QPSK	50	0	20.37	20.48	20.42	21.5	0
20	QPSK	50	24	20.24	20.41	20.35		
20	QPSK	50	50	20.28	20.43	20.36		
20	QPSK	100	0	20.26	20.41	20.32		
20	16QAM	1	0	20.25	20.31	20.26	21.5	0
20	16QAM	1	49	20.23	20.33	20.29		
20	16QAM	1	99	20.21	20.4	20.21		
20	16QAM	50	0	20.18	20.28	20.21	21.5	0
20	16QAM	50	24	20.23	20.35	20.24		
20	16QAM	50	50	20.25	20.33	20.27		
20	16QAM	100	0	20.23	20.38	20.25		
20	64QAM	1	0	20.18	20.29	20.3	21.5	0
20	64QAM	1	49	20.19	20.37	20.21		
20	64QAM	1	99	20.14	20.38	20.27		
20	64QAM	50	0	19.64	19.84	19.74	21.2	0.3
20	64QAM	50	24	19.72	19.88	19.8		
20	64QAM	50	50	19.68	19.86	19.8		
20	64QAM	100	0	19.68	19.8	19.81		
20	256QAM	1	0	17.74	17.87	17.74	19.2	2.3
20	256QAM	1	49	17.67	17.78	17.77		
20	256QAM	1	99	17.64	17.85	17.81		
20	256QAM	50	0	17.67	17.79	17.76	19.2	2.3
20	256QAM	50	24	17.70	17.84	17.73		
20	256QAM	50	50	17.73	17.82	17.80		
20	256QAM	100	0	17.70	17.88	17.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.45	20.49	20.45	21.5	0
15	QPSK	1	37	20.37	20.47	20.46		
15	QPSK	1	74	20.42	20.34	20.36		
15	QPSK	36	0	20.38	20.4	20.36	21.5	0
15	QPSK	36	20	20.35	20.33	20.38		
15	QPSK	36	39	20.42	20.36	20.39		
15	QPSK	75	0	20.36	20.28	20.34		
15	16QAM	1	0	20.3	20.19	20.23	21.5	0
15	16QAM	1	37	20.32	20.28	20.3		
15	16QAM	1	74	20.28	20.35	20.27		
15	16QAM	36	0	20.27	20.24	20.17	21.5	0
15	16QAM	36	20	20.23	20.32	20.23		
15	16QAM	36	39	20.27	20.22	20.28		
15	16QAM	75	0	20.3	20.29	20.29		
15	64QAM	1	0	20.17	20.19	20.21	21.5	0
15	64QAM	1	37	20.29	20.34	20.25		
15	64QAM	1	74	20.31	20.27	20.31		
15	64QAM	36	0	19.83	19.74	19.82	21.2	0.3
15	64QAM	36	20	19.84	19.8	19.79		
15	64QAM	36	39	19.83	19.81	19.83		
15	64QAM	75	0	19.71	19.7	19.78		
15	256QAM	1	0	17.69	17.76	17.84	19.2	2.3
15	256QAM	1	37	17.74	17.60	17.58		
15	256QAM	1	74	17.70	17.75	17.69		
15	256QAM	36	0	17.65	17.71	17.72	19.2	2.3
15	256QAM	36	20	17.82	17.73	17.64		
15	256QAM	36	39	17.79	17.81	17.76		
15	256QAM	75	0	17.80	17.80	17.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.39	20.43	20.5	21.5	0
10	QPSK	1	25	20.36	20.38	20.47		
10	QPSK	1	49	20.43	20.45	20.34		
10	QPSK	25	0	20.46	20.38	20.46	21.5	0
10	QPSK	25	12	20.33	20.3	20.3		
10	QPSK	25	25	20.39	20.39	20.34		
10	QPSK	50	0	20.32	20.28	20.34		
10	16QAM	1	0	20.28	20.19	20.21	21.5	0
10	16QAM	1	25	20.32	20.22	20.24		
10	16QAM	1	49	20.37	20.27	20.33		
10	16QAM	25	0	20.16	20.16	20.27	21.5	0
10	16QAM	25	12	20.34	20.32	20.28		
10	16QAM	25	25	20.21	20.3	20.29		
10	16QAM	50	0	20.31	20.37	20.37		
10	64QAM	1	0	20.24	20.23	20.24	21.5	0
10	64QAM	1	25	20.3	20.22	20.22		
10	64QAM	1	49	20.3	20.23	20.26		
10	64QAM	25	0	19.78	19.77	19.83	21.2	0.3
10	64QAM	25	12	19.8	19.81	19.83		
10	64QAM	25	25	19.83	19.79	19.78		
10	64QAM	50	0	19.74	19.77	19.74		
10	256QAM	1	0	17.69	17.83	17.84	19.2	2.3
10	256QAM	1	25	17.66	17.64	17.74		
10	256QAM	1	49	17.77	17.78	17.65		
10	256QAM	25	0	17.59	17.74	17.64	19.2	2.3
10	256QAM	25	12	17.66	17.67	17.68		
10	256QAM	25	25	17.66	17.74	17.76		
10	256QAM	50	0	17.71	17.80	17.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.41	20.44	20.4	21.5	0
5	QPSK	1	12	20.46	20.36	20.39		
5	QPSK	1	24	20.37	20.42	20.36		
5	QPSK	12	0	20.45	20.45	20.47	21.5	0
5	QPSK	12	7	20.39	20.28	20.33		
5	QPSK	12	13	20.31	20.3	20.35		
5	QPSK	25	0	20.33	20.34	20.38		
5	16QAM	1	0	20.25	20.25	20.28	21.5	0
5	16QAM	1	12	20.21	20.3	20.21		
5	16QAM	1	24	20.32	20.28	20.38		
5	16QAM	12	0	20.2	20.26	20.27	21.5	0
5	16QAM	12	7	20.3	20.26	20.34		
5	16QAM	12	13	20.21	20.32	20.27		
5	16QAM	25	0	20.31	20.34	20.33		
5	64QAM	1	0	20.22	20.18	20.24	21.5	0
5	64QAM	1	12	20.36	20.35	20.32		
5	64QAM	1	24	20.35	20.25	20.37		
5	64QAM	12	0	19.78	19.75	19.81	21.2	0.3
5	64QAM	12	7	19.84	19.81	19.83		
5	64QAM	12	13	19.81	19.8	19.79		
5	64QAM	25	0	19.7	19.74	19.77		
5	256QAM	1	0	17.85	17.77	17.80	19.2	2.3
5	256QAM	1	12	17.71	17.62	17.76		
5	256QAM	1	24	17.75	17.68	17.65		
5	256QAM	12	0	17.69	17.59	17.72	19.2	2.3
5	256QAM	12	7	17.81	17.68	17.79		
5	256QAM	12	13	17.77	17.74	17.65		
5	256QAM	25	0	17.76	17.80	17.76		

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.81	23.67	25	0
10	QPSK	1	25	23.48	23.67	23.49		
10	QPSK	1	49	23.36	23.43	23.39		
10	QPSK	25	0	22.67	22.78	22.61	24	1
10	QPSK	25	12	22.56	22.64	22.54		
10	QPSK	25	25	22.43	22.53	22.53		
10	QPSK	50	0	22.59	22.64	22.54		
10	16QAM	1	0	23.08	22.9	22.75	24	1
10	16QAM	1	25	22.83	22.86	22.62		
10	16QAM	1	49	22.73	22.76	22.63		
10	16QAM	25	0	21.52	21.52	21.55	23	2
10	16QAM	25	12	21.57	21.55	21.65		
10	16QAM	25	25	21.66	21.8	21.7		
10	16QAM	50	0	21.6	21.53	21.54		
10	64QAM	1	0	21.66	21.68	21.71	23	2
10	64QAM	1	25	21.71	21.87	22.07		
10	64QAM	1	49	21.81	22.02	21.65		
10	64QAM	25	0	20.48	20.49	20.56	22	3
10	64QAM	25	12	20.63	20.58	20.56		
10	64QAM	25	25	20.45	20.67	20.61		
10	64QAM	50	0	20.61	20.56	20.53		
10	256QAM	1	0	18.95	19.07	18.96	20	5
10	256QAM	1	25	19.03	19.09	18.99		
10	256QAM	1	49	19.18	19.25	19.27		
10	256QAM	25	0	18.98	19.05	19.04	20	5
10	256QAM	25	12	18.97	19.04	18.93		
10	256QAM	25	25	18.95	19.06	18.95		
10	256QAM	50	0	19.06	19.04	19.05		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.78	23.42	25	0
5	QPSK	1	12	23.5	23.55	23.6		
5	QPSK	1	24	23.49	23.64	23.59		
5	QPSK	12	0	22.46	22.56	22.57	24	1
5	QPSK	12	7	22.6	22.48	22.68		
5	QPSK	12	13	22.53	22.56	22.56		
5	QPSK	25	0	22.51	22.53	22.58		
5	16QAM	1	0	22.78	22.87	22.83	24	1
5	16QAM	1	12	23.04	23.27	23.19		
5	16QAM	1	24	22.88	22.84	23.11		
5	16QAM	12	0	21.52	21.53	21.56	23	2
5	16QAM	12	7	21.7	21.7	21.56		
5	16QAM	12	13	21.63	21.65	21.64		
5	16QAM	25	0	21.51	21.42	21.6		
5	64QAM	1	0	21.63	21.87	22.04	23	2
5	64QAM	1	12	22	22.06	21.76		
5	64QAM	1	24	21.79	21.81	21.94		
5	64QAM	12	0	20.66	20.52	20.57	22	3
5	64QAM	12	7	20.57	20.68	20.48		
5	64QAM	12	13	20.5	20.75	20.62		
5	64QAM	25	0	20.58	20.59	20.6		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.00	19.06	19.04		
5	256QAM	1	24	19.19	19.19	19.16		
5	256QAM	12	0	19.00	19.04	18.92	20	5
5	256QAM	12	7	18.97	19.04	19.10		
5	256QAM	12	13	18.98	19.08	19.08		
5	256QAM	25	0	19.03	19.01	18.97		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.34	23.52	23.49	25	0
3	QPSK	1	8	23.49	23.62	23.55		
3	QPSK	1	14	23.37	23.37	23.51		
3	QPSK	8	0	22.6	22.6	22.57	24	1
3	QPSK	8	4	22.59	22.64	22.62		
3	QPSK	8	7	22.56	22.56	22.58		
3	QPSK	15	0	22.59	22.51	22.54		
3	16QAM	1	0	22.84	22.76	22.98	24	1
3	16QAM	1	8	23.17	22.75	22.89		
3	16QAM	1	14	22.87	22.88	22.99		
3	16QAM	8	0	21.6	21.83	21.69	23	2
3	16QAM	8	4	21.65	21.79	21.74		
3	16QAM	8	7	21.57	21.72	21.71		
3	16QAM	15	0	21.55	21.44	21.54		
3	64QAM	1	0	21.79	21.51	21.76	23	2
3	64QAM	1	8	21.68	21.87	21.72		
3	64QAM	1	14	21.9	21.62	21.85		
3	64QAM	8	0	20.62	20.64	20.66	22	3
3	64QAM	8	4	20.55	20.7	20.7		
3	64QAM	8	7	20.5	20.6	20.62		
3	64QAM	15	0	20.7	20.59	20.62		
3	256QAM	1	0	19.02	19.07	18.97	20	5
3	256QAM	1	8	18.99	19.03	19.09		
3	256QAM	1	14	19.17	19.21	19.21		
3	256QAM	8	0	19.04	19.07	19.00	20	5
3	256QAM	8	4	18.96	19.02	19.09		
3	256QAM	8	7	19.00	19.08	19.00		
3	256QAM	15	0	19.05	19.07	18.94		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.53	23.57	23.49	25	0
1.4	QPSK	1	3	23.64	23.53	23.56		
1.4	QPSK	1	5	23.47	23.42	23.59		
1.4	QPSK	3	0	23.58	23.44	23.73		
1.4	QPSK	3	1	23.71	23.54	23.54		
1.4	QPSK	3	3	23.57	23.42	23.62		
1.4	QPSK	6	0	22.49	22.54	22.56	24	1
1.4	16QAM	1	0	22.92	22.97	22.78	24	1
1.4	16QAM	1	3	22.99	23.11	23.17		
1.4	16QAM	1	5	23.06	23.19	22.76		
1.4	16QAM	3	0	22.75	22.56	22.8		
1.4	16QAM	3	1	22.79	22.84	23.02		
1.4	16QAM	3	3	22.8	22.76	22.54		
1.4	16QAM	6	0	21.54	21.64	21.76	23	2
1.4	64QAM	1	0	21.9	21.8	21.82	23	2
1.4	64QAM	1	3	21.66	21.98	21.87		
1.4	64QAM	1	5	21.64	21.75	21.72		
1.4	64QAM	3	0	21.8	21.62	21.62		
1.4	64QAM	3	1	21.79	21.77	21.72		
1.4	64QAM	3	3	21.83	21.7	21.67		
1.4	64QAM	6	0	20.55	20.6	20.67	22	3
1.4	256QAM	1	0	19.02	19.04	18.99	20	5
1.4	256QAM	1	3	19.00	19.04	19.12		
1.4	256QAM	1	5	19.22	19.22	19.19		
1.4	256QAM	3	0	19.00	19.06	18.96		
1.4	256QAM	3	1	19.02	19.00	19.01		
1.4	256QAM	3	3	18.99	19.08	19.06		
1.4	256QAM	6	0	18.97	19.00	18.91	20	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.94		25	0
10	QPSK	1	25		23.88			
10	QPSK	1	49		23.72			
10	QPSK	25	0		22.82		24	1
10	QPSK	25	12		22.8			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.73			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.88		23	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.9			
10	16QAM	50	0		21.87			
10	64QAM	1	0		22.02		23	2
10	64QAM	1	25		21.78			
10	64QAM	1	49		22.1			
10	64QAM	25	0		20.78		22	3
10	64QAM	25	12		20.86			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.86			
10	256QAM	1	0		19.11		20	5
10	256QAM	1	25		19.16			
10	256QAM	1	49		19.23			
10	256QAM	25	0		19.06		20	5
10	256QAM	25	12		19.07			
10	256QAM	25	25		19.04			
10	256QAM	50	0		19.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.92	23.72	23.72	25	0
5	QPSK	1	12	23.89	23.93	23.79		
5	QPSK	1	24	23.92	23.9	23.77		
5	QPSK	12	0	22.81	22.8	22.74	24	1
5	QPSK	12	7	22.91	22.82	22.96		
5	QPSK	12	13	22.86	22.9	22.89		
5	QPSK	25	0	22.82	22.85	22.76		
5	16QAM	1	0	23.27	23.3	23.36	24	1
5	16QAM	1	12	23.32	23.32	23.58		
5	16QAM	1	24	23.25	23.27	23.41		
5	16QAM	12	0	21.8	21.81	21.86	23	2
5	16QAM	12	7	22.01	21.89	21.96		
5	16QAM	12	13	21.92	21.94	22.01		
5	16QAM	25	0	21.91	21.84	21.87		
5	64QAM	1	0	22.23	22.01	22.13	23	2
5	64QAM	1	12	22.12	21.85	22.16		
5	64QAM	1	24	22.17	21.99	21.94		
5	64QAM	12	0	20.83	20.83	20.87	22	3
5	64QAM	12	7	20.92	20.89	20.96		
5	64QAM	12	13	21.01	20.86	21.02		
5	64QAM	25	0	20.9	20.73	20.82		
5	256QAM	1	0	19.04	19.04	19.09	20	5
5	256QAM	1	12	19.13	19.12	19.16		
5	256QAM	1	24	19.22	19.22	19.19		
5	256QAM	12	0	19.04	19.05	19.00	20	5
5	256QAM	12	7	18.96	19.00	19.10		
5	256QAM	12	13	18.95	19.06	19.02		
5	256QAM	25	0	18.94	18.97	18.91		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.52	23.57	23.49	25	0
10	QPSK	1	25	23.32	23.48	23.35		
10	QPSK	1	49	23.29	23.37	23.28		
10	QPSK	25	0	22.45	22.58	22.48	24	1
10	QPSK	25	12	22.38	22.42	22.41		
10	QPSK	25	25	22.32	22.39	22.29		
10	QPSK	50	0	22.5	22.56	22.46		
10	16QAM	1	0	22.52	22.55	22.77	24	1
10	16QAM	1	25	22.88	22.83	22.89		
10	16QAM	1	49	22.75	22.89	22.85		
10	16QAM	25	0	21.49	21.42	21.54	23	2
10	16QAM	25	12	21.49	21.81	21.51		
10	16QAM	25	25	21.48	21.45	21.61		
10	16QAM	50	0	21.39	21.5	21.55		
10	64QAM	1	0	21.26	21.39	21.61	23	2
10	64QAM	1	25	21.58	21.68	21.58		
10	64QAM	1	49	21.61	21.58	21.55		
10	64QAM	25	0	20.54	20.45	20.43	22	3
10	64QAM	25	12	20.67	20.5	20.53		
10	64QAM	25	25	20.54	20.45	20.49		
10	64QAM	50	0	20.5	20.43	20.4		
10	256QAM	1	0	18.91	18.88	18.91	20	5
10	256QAM	1	25	18.82	18.94	18.92		
10	256QAM	1	49	18.82	18.91	18.85		
10	256QAM	25	0	18.83	18.87	18.77	20	5
10	256QAM	25	12	18.82	18.89	18.82		
10	256QAM	25	25	18.79	18.82	18.73		
10	256QAM	50	0	18.82	18.89	18.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.53	23.49	25	0
5	QPSK	1	12	23.4	23.36	23.45		
5	QPSK	1	24	23.28	23.25	23.26		
5	QPSK	12	0	22.54	22.56	22.5	24	1
5	QPSK	12	7	22.29	22.34	22.29		
5	QPSK	12	13	22.37	22.36	22.38		
5	QPSK	25	0	22.55	22.48	22.43		
5	16QAM	1	0	22.48	22.42	22.53	24	1
5	16QAM	1	12	22.79	22.7	22.82		
5	16QAM	1	24	22.88	22.84	22.8		
5	16QAM	12	0	21.35	21.41	21.36	23	2
5	16QAM	12	7	21.77	21.79	21.72		
5	16QAM	12	13	21.34	21.33	21.35		
5	16QAM	25	0	21.37	21.49	21.38		
5	64QAM	1	0	21.26	21.38	21.27	23	2
5	64QAM	1	12	21.54	21.67	21.54		
5	64QAM	1	24	21.54	21.53	21.44		
5	64QAM	12	0	20.38	20.35	20.44	22	3
5	64QAM	12	7	20.49	20.46	20.45		
5	64QAM	12	13	20.39	20.42	20.39		
5	64QAM	25	0	20.37	20.34	20.41		
5	256QAM	1	0	18.86	18.82	18.68	20	5
5	256QAM	1	12	18.88	18.74	18.75		
5	256QAM	1	24	18.73	18.76	18.88		
5	256QAM	12	0	18.73	18.86	18.75	20	5
5	256QAM	12	7	18.70	18.85	18.76		
5	256QAM	12	13	18.63	18.77	18.71		
5	256QAM	25	0	18.74	18.80	18.71		

Band 25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.81	19.83	19.77	21	0
20	QPSK	1	49	19.72	19.74	19.65		
20	QPSK	1	99	19.79	19.78	19.67		
20	QPSK	50	0	19.68	19.73	19.7	21	0
20	QPSK	50	24	19.65	19.65	19.6		
20	QPSK	50	50	19.59	19.66	19.66		
20	QPSK	100	0	19.56	19.66	19.64		
20	16QAM	1	0	19.57	19.68	19.64	21	0
20	16QAM	1	49	19.67	19.65	19.65		
20	16QAM	1	99	19.65	19.72	19.57		
20	16QAM	50	0	19.59	19.62	19.69	21	0
20	16QAM	50	24	19.66	19.69	19.61		
20	16QAM	50	50	19.59	19.67	19.57		
20	16QAM	100	0	19.55	19.65	19.61		
20	64QAM	1	0	19.56	19.64	19.69	21	0
20	64QAM	1	49	19.67	19.6	19.66		
20	64QAM	1	99	19.6	19.64	19.67		
20	64QAM	50	0	19.56	19.65	19.67	21	0
20	64QAM	50	24	19.64	19.65	19.69		
20	64QAM	50	50	19.62	19.7	19.59		
20	64QAM	100	0	19.6	19.66	19.66		
20	256QAM	1	0	19.59	19.61	19.65	20	1
20	256QAM	1	49	19.55	19.65	19.61		
20	256QAM	1	99	19.61	19.65	19.61		
20	256QAM	50	0	19.61	19.67	19.66	20	1
20	256QAM	50	24	19.60	19.69	19.58		
20	256QAM	50	50	19.59	19.70	19.62		
20	256QAM	100	0	19.60	19.67	19.64		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.74	19.77	19.7	21	0
15	QPSK	1	37	19.64	19.7	19.64		
15	QPSK	1	74	19.67	19.73	19.77		
15	QPSK	36	0	19.67	19.72	19.66	21	0
15	QPSK	36	20	19.56	19.6	19.58		
15	QPSK	36	39	19.54	19.65	19.57		
15	QPSK	75	0	19.59	19.64	19.65		
15	16QAM	1	0	19.55	19.65	19.55	21	0
15	16QAM	1	37	19.61	19.6	19.62		
15	16QAM	1	74	19.66	19.64	19.62		
15	16QAM	36	0	19.54	19.53	19.49	21	0
15	16QAM	36	20	19.58	19.64	19.56		
15	16QAM	36	39	19.66	19.61	19.63		
15	16QAM	75	0	19.61	19.54	19.57		
15	64QAM	1	0	19.56	19.6	19.51	21	0
15	64QAM	1	37	19.57	19.53	19.51		
15	64QAM	1	74	19.6	19.6	19.54		
15	64QAM	36	0	19.6	19.6	19.62	21	0
15	64QAM	36	20	19.58	19.58	19.58		
15	64QAM	36	39	19.67	19.68	19.62		
15	64QAM	75	0	19.59	19.56	19.63		
15	256QAM	1	0	19.55	19.51	19.57	20	1
15	256QAM	1	37	19.56	19.60	19.53		
15	256QAM	1	74	19.47	19.52	19.58		
15	256QAM	36	0	19.56	19.56	19.61	20	1
15	256QAM	36	20	19.53	19.49	19.64		
15	256QAM	36	39	19.63	19.66	19.69		
15	256QAM	75	0	19.55	19.66	19.50		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.76	19.82	19.82	21	0
10	QPSK	1	25	19.63	19.7	19.68		
10	QPSK	1	49	19.68	19.71	19.67		
10	QPSK	25	0	19.64	19.64	19.64	21	0
10	QPSK	25	12	19.6	19.55	19.55		
10	QPSK	25	25	19.61	19.54	19.56		
10	QPSK	50	0	19.63	19.53	19.65		
10	16QAM	1	0	19.66	19.67	19.58	21	0
10	16QAM	1	25	19.58	19.56	19.55		
10	16QAM	1	49	19.68	19.66	19.7		
10	16QAM	25	0	19.5	19.54	19.49	21	0
10	16QAM	25	12	19.62	19.68	19.56		
10	16QAM	25	25	19.6	19.58	19.54		
10	16QAM	50	0	19.53	19.62	19.62		
10	64QAM	1	0	19.61	19.51	19.55	21	0
10	64QAM	1	25	19.49	19.57	19.48		
10	64QAM	1	49	19.52	19.61	19.56		
10	64QAM	25	0	19.63	19.59	19.62	21	0
10	64QAM	25	12	19.56	19.63	19.58		
10	64QAM	25	25	19.64	19.63	19.6		
10	64QAM	50	0	19.6	19.64	19.58		
10	256QAM	1	0	19.52	19.51	19.53	20	1
10	256QAM	1	25	19.53	19.55	19.63		
10	256QAM	1	49	19.59	19.62	19.62		
10	256QAM	25	0	19.51	19.61	19.61	20	1
10	256QAM	25	12	19.68	19.63	19.51		
10	256QAM	25	25	19.54	19.69	19.56		
10	256QAM	50	0	19.64	19.64	19.53		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.74	19.73	19.76	21	0
5	QPSK	1	12	19.71	19.71	19.65		
5	QPSK	1	24	19.73	19.75	19.69		
5	QPSK	12	0	19.67	19.71	19.7	21	0
5	QPSK	12	7	19.54	19.64	19.59		
5	QPSK	12	13	19.64	19.59	19.63		
5	QPSK	25	0	19.58	19.56	19.62		
5	16QAM	1	0	19.64	19.6	19.65	21	0
5	16QAM	1	12	19.59	19.58	19.54		
5	16QAM	1	24	19.63	19.68	19.63		
5	16QAM	12	0	19.5	19.61	19.57	21	0
5	16QAM	12	7	19.58	19.65	19.67		
5	16QAM	12	13	19.56	19.6	19.65		
5	16QAM	25	0	19.58	19.56	19.62		
5	64QAM	1	0	19.61	19.55	19.52	21	0
5	64QAM	1	12	19.59	19.47	19.56		
5	64QAM	1	24	19.59	19.53	19.53		
5	64QAM	12	0	19.55	19.62	19.63	21	0
5	64QAM	12	7	19.58	19.57	19.62		
5	64QAM	12	13	19.6	19.63	19.66		
5	64QAM	25	0	19.62	19.64	19.58		
5	256QAM	1	0	19.53	19.44	19.53	20	1
5	256QAM	1	12	19.49	19.55	19.62		
5	256QAM	1	24	19.48	19.47	19.62		
5	256QAM	12	0	19.58	19.54	19.55	20	1
5	256QAM	12	7	19.53	19.51	19.62		
5	256QAM	12	13	19.53	19.57	19.59		
5	256QAM	25	0	19.57	19.59	19.58		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.8	19.75	19.79	21	0
3	QPSK	1	8	19.69	19.67	19.62		
3	QPSK	1	14	19.77	19.65	19.66		
3	QPSK	8	0	19.7	19.6	19.66	21	0
3	QPSK	8	4	19.61	19.54	19.61		
3	QPSK	8	7	19.57	19.59	19.58		
3	QPSK	15	0	19.53	19.59	19.53		
3	16QAM	1	0	19.61	19.65	19.66	21	0
3	16QAM	1	8	19.52	19.64	19.54		
3	16QAM	1	14	19.71	19.59	19.71		
3	16QAM	8	0	19.6	19.6	19.6	21	0
3	16QAM	8	4	19.58	19.59	19.59		
3	16QAM	8	7	19.62	19.55	19.56		
3	16QAM	15	0	19.53	19.56	19.63		
3	64QAM	1	0	19.55	19.62	19.51	21	0
3	64QAM	1	8	19.59	19.53	19.47		
3	64QAM	1	14	19.56	19.57	19.58		
3	64QAM	8	0	19.62	19.61	19.57	21	0
3	64QAM	8	4	19.58	19.59	19.55		
3	64QAM	8	7	19.61	19.64	19.62		
3	64QAM	15	0	19.64	19.64	19.58		
3	256QAM	1	0	19.42	19.46	19.48	20	1
3	256QAM	1	8	19.59	19.51	19.47		
3	256QAM	1	14	19.51	19.63	19.64		
3	256QAM	8	0	19.66	19.57	19.57	20	1
3	256QAM	8	4	19.66	19.53	19.57		
3	256QAM	8	7	19.60	19.53	19.68		
3	256QAM	15	0	19.48	19.53	19.53		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.79	19.73	19.72	21	0
1.4	QPSK	1	3	19.7	19.66	19.69		
1.4	QPSK	1	5	19.74	19.71	19.67		
1.4	QPSK	3	0	19.61	19.71	19.71		
1.4	QPSK	3	1	19.64	19.63	19.52		
1.4	QPSK	3	3	19.58	19.63	19.53		
1.4	QPSK	6	0	19.57	19.55	19.54	21	0
1.4	16QAM	1	0	19.59	19.57	19.55	21	0
1.4	16QAM	1	3	19.59	19.58	19.61		
1.4	16QAM	1	5	19.64	19.71	19.7		
1.4	16QAM	3	0	19.61	19.5	19.49		
1.4	16QAM	3	1	19.61	19.68	19.62		
1.4	16QAM	3	3	19.56	19.62	19.59		
1.4	16QAM	6	0	19.57	19.64	19.63	21	0
1.4	64QAM	1	0	19.54	19.49	19.52	21	0
1.4	64QAM	1	3	19.58	19.56	19.57		
1.4	64QAM	1	5	19.52	19.62	19.56		
1.4	64QAM	3	0	19.58	19.56	19.6		
1.4	64QAM	3	1	19.62	19.61	19.63		
1.4	64QAM	3	3	19.63	19.67	19.68		
1.4	64QAM	6	0	19.64	19.63	19.6	21	0
1.4	256QAM	1	0	19.51	19.50	19.44	20	1
1.4	256QAM	1	3	19.55	19.45	19.50		
1.4	256QAM	1	5	19.46	19.49	19.46		
1.4	256QAM	3	0	19.53	19.57	19.65		
1.4	256QAM	3	1	19.62	19.49	19.64		
1.4	256QAM	3	3	19.59	19.66	19.54		
1.4	256QAM	6	0	19.55	19.47	19.59	20	1

Band 26 for FCC_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.86	23.8	25	0
15	QPSK	1	37	23.55	23.73	23.57		
15	QPSK	1	74	23.49	23.77	23.52		
15	QPSK	36	0	22.64	22.84	22.81	24	1
15	QPSK	36	20	22.63	22.69	22.76		
15	QPSK	36	39	22.59	22.64	22.74		
15	QPSK	75	0	22.81	22.85	22.72		
15	16QAM	1	0	22.78	23.13	22.78	24	1
15	16QAM	1	37	22.99	23.16	22.93		
15	16QAM	1	74	22.8	23.13	23.12		
15	16QAM	36	0	21.67	21.79	21.74	23	2
15	16QAM	36	20	21.78	21.71	21.77		
15	16QAM	36	39	21.74	21.94	21.71		
15	16QAM	75	0	21.74	21.78	21.79		
15	64QAM	1	0	21.56	21.55	21.82	23	2
15	64QAM	1	37	21.73	21.87	22.02		
15	64QAM	1	74	21.73	21.87	22.03		
15	64QAM	36	0	20.69	20.86	20.69	22	3
15	64QAM	36	20	20.77	20.84	20.74		
15	64QAM	36	39	20.65	20.76	20.72		
15	64QAM	75	0	20.72	20.79	20.87		
15	256QAM	1	0	19.05	19.07	19.04	20	5
15	256QAM	1	37	19.17	19.16	19.14		
15	256QAM	1	74	19.02	19.05	19.09		
15	256QAM	36	0	18.90	18.97	18.96	20	5
15	256QAM	36	20	18.77	18.85	18.79		
15	256QAM	36	39	18.79	18.84	18.71		
15	256QAM	75	0	18.82	18.83	18.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.6	23.78	23.81	25	0
10	QPSK	1	25	23.8	23.85	23.8		
10	QPSK	1	49	23.74	23.8	23.73		
10	QPSK	25	0	22.78	22.98	22.83	24	1
10	QPSK	25	12	22.83	22.91	22.85		
10	QPSK	25	25	22.79	22.97	22.83		
10	QPSK	50	0	22.85	22.94	22.95		
10	16QAM	1	0	23.01	23.03	23.09	24	1
10	16QAM	1	25	23.04	23.09	23.07		
10	16QAM	1	49	23.06	23.23	23.03		
10	16QAM	25	0	21.85	21.9	21.81	23	2
10	16QAM	25	12	21.89	22.04	21.97		
10	16QAM	25	25	21.75	21.97	21.99		
10	16QAM	50	0	21.79	21.92	21.96		
10	64QAM	1	0	21.67	21.9	22.08	23	2
10	64QAM	1	25	22.15	21.95	21.78		
10	64QAM	1	49	21.81	22.07	22.02		
10	64QAM	25	0	20.71	20.87	20.82	22	3
10	64QAM	25	12	20.92	21.01	20.9		
10	64QAM	25	25	20.93	21.05	20.79		
10	64QAM	50	0	20.84	20.96	20.89		
10	256QAM	1	0	19.12	19.01	19.05	20	5
10	256QAM	1	25	19.11	19.15	19.08		
10	256QAM	1	49	19.06	19.02	18.93		
10	256QAM	25	0	18.86	18.96	18.84	20	5
10	256QAM	25	12	18.75	18.81	18.81		
10	256QAM	25	25	18.78	18.84	18.77		
10	256QAM	50	0	18.84	18.80	18.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.74	23.72	25	0
5	QPSK	1	12	23.72	23.79	23.78		
5	QPSK	1	24	23.72	23.85	23.78		
5	QPSK	12	0	22.73	22.9	22.8	24	1
5	QPSK	12	7	22.78	23.02	22.83		
5	QPSK	12	13	22.77	22.92	22.86		
5	QPSK	25	0	22.77	22.83	22.77		
5	16QAM	1	0	23.36	23.27	23.24	24	1
5	16QAM	1	12	23.19	23.34	23.19		
5	16QAM	1	24	23.28	22.9	23.26		
5	16QAM	12	0	21.76	21.83	21.75	23	2
5	16QAM	12	7	21.98	21.88	21.92		
5	16QAM	12	13	21.86	21.98	21.88		
5	16QAM	25	0	21.87	21.88	21.89		
5	64QAM	1	0	21.83	21.96	22.17	23	2
5	64QAM	1	12	21.97	22.02	22.03		
5	64QAM	1	24	21.81	22.02	21.72		
5	64QAM	12	0	20.69	21.01	20.8	22	3
5	64QAM	12	7	20.89	21.1	20.81		
5	64QAM	12	13	20.73	21.02	20.85		
5	64QAM	25	0	20.75	20.82	20.71		
5	256QAM	1	0	19.04	19.00	18.97	20	5
5	256QAM	1	12	19.11	19.11	19.15		
5	256QAM	1	24	18.99	19.07	19.00		
5	256QAM	12	0	18.86	18.95	18.93	20	5
5	256QAM	12	7	18.79	18.88	18.75		
5	256QAM	12	13	18.75	18.83	18.82		
5	256QAM	25	0	18.81	18.76	18.85		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.55	23.82	23.75	25	0
3	QPSK	1	8	23.75	23.66	23.68		
3	QPSK	1	14	23.63	23.7	23.73		
3	QPSK	8	0	22.77	22.7	22.76	24	1
3	QPSK	8	4	22.78	22.9	22.86		
3	QPSK	8	7	22.77	22.81	22.79		
3	QPSK	15	0	22.7	22.69	22.8		
3	16QAM	1	0	23.04	22.92	22.71	24	1
3	16QAM	1	8	23.04	23.04	23.03		
3	16QAM	1	14	22.92	23.01	23.03		
3	16QAM	8	0	21.8	21.89	21.85	23	2
3	16QAM	8	4	21.83	22.03	21.97		
3	16QAM	8	7	21.88	21.86	21.92		
3	16QAM	15	0	21.87	21.8	21.75		
3	64QAM	1	0	22.13	22.12	22.29	23	2
3	64QAM	1	8	22.19	22.28	21.92		
3	64QAM	1	14	21.95	21.85	22.12		
3	64QAM	8	0	20.71	20.94	20.81	22	3
3	64QAM	8	4	20.81	20.88	20.91		
3	64QAM	8	7	20.89	20.95	20.81		
3	64QAM	15	0	20.79	20.72	20.78		
3	256QAM	1	0	19.05	19.04	19.01	20	5
3	256QAM	1	8	19.14	19.18	19.14		
3	256QAM	1	14	19.01	19.00	19.02		
3	256QAM	8	0	18.93	18.95	18.84	20	5
3	256QAM	8	4	18.80	18.86	18.74		
3	256QAM	8	7	18.77	18.77	18.77		
3	256QAM	15	0	18.86	18.82	18.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.7	23.72	23.67	25	0
1.4	QPSK	1	3	23.74	23.83	23.61		
1.4	QPSK	1	5	23.71	23.62	23.61		
1.4	QPSK	3	0	23.8	23.67	23.56		
1.4	QPSK	3	1	23.68	23.65	23.67		
1.4	QPSK	3	3	23.66	23.61	23.62		
1.4	QPSK	6	0	22.71	22.7	22.56	24	1
1.4	16QAM	1	0	22.87	23.12	22.78	24	1
1.4	16QAM	1	3	23.03	23	22.99		
1.4	16QAM	1	5	23.08	22.95	22.87		
1.4	16QAM	3	0	22.91	22.87	22.76		
1.4	16QAM	3	1	22.84	22.83	22.8		
1.4	16QAM	3	3	22.94	22.6	22.76		
1.4	16QAM	6	0	21.88	21.72	21.64	23	2
1.4	64QAM	1	0	21.68	22.05	21.64	23	2
1.4	64QAM	1	3	21.63	21.66	22.01		
1.4	64QAM	1	5	21.72	21.82	21.86		
1.4	64QAM	3	0	21.73	21.75	21.74		
1.4	64QAM	3	1	21.95	21.83	21.75		
1.4	64QAM	3	3	21.69	21.64	21.74		
1.4	64QAM	6	0	20.8	20.65	20.75	22	3
1.4	256QAM	1	0	19.11	19.10	19.02	20	5
1.4	256QAM	1	3	19.18	19.19	19.13		
1.4	256QAM	1	5	19.04	19.01	18.97		
1.4	256QAM	3	0	18.89	18.93	18.83		
1.4	256QAM	3	1	18.79	18.85	18.75		
1.4	256QAM	3	3	18.76	18.80	18.78		
1.4	256QAM	6	0	18.84	18.86	18.78	20	5

Band 30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.18		22	0
10	QPSK	1	25		21.15			
10	QPSK	1	49		21.16			
10	QPSK	25	0		21.17		22	0
10	QPSK	25	12		21.08			
10	QPSK	25	25		21.14			
10	QPSK	50	0		21.14			
10	16QAM	1	0		21.14		22	0
10	16QAM	1	25		21.05			
10	16QAM	1	49		21.05			
10	16QAM	25	0		21.04		22	0
10	16QAM	25	12		21.09			
10	16QAM	25	25		21.11			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.15		22	0
10	64QAM	1	25		21.07			
10	64QAM	1	49		21.09			
10	64QAM	25	0		21.05		22	0
10	64QAM	25	12		21.16			
10	64QAM	25	25		21.11			
10	64QAM	50	0		21.04			
10	256QAM	1	0		19.15		20	2
10	256QAM	1	25		19.15			
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.13		20	2
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.12			
10	256QAM	50	0		19.08			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.07	21.14	21.15	22	0
5	QPSK	1	12	21.1	21.13	21.04		
5	QPSK	1	24	21.07	21.08	21.1		
5	QPSK	12	0	21.1	21.14	21.14	22	0
5	QPSK	12	7	21	21.06	21.01		
5	QPSK	12	13	21.11	21.11	21.02		
5	QPSK	25	0	21.13	21.02	21.03		
5	16QAM	1	0	21.04	21.05	21.02	22	0
5	16QAM	1	12	20.94	20.94	20.93		
5	16QAM	1	24	21.03	21.01	20.97		
5	16QAM	12	0	20.97	20.95	20.99		
5	16QAM	12	7	21.02	21.01	20.98	22	0
5	16QAM	12	13	21	21	21.09		
5	16QAM	25	0	21	20.98	20.91		
5	64QAM	1	0	21.03	21.09	21.08	22	0
5	64QAM	1	12	20.98	21.02	20.92		
5	64QAM	1	24	21.02	21.08	20.94		
5	64QAM	12	0	21.02	20.96	21.01	22	0
5	64QAM	12	7	21.11	21.1	21.15		
5	64QAM	12	13	21.1	21.1	21.1		
5	64QAM	25	0	21.03	20.99	20.97		
5	256QAM	1	0	19.01	18.95	18.98	20	2
5	256QAM	1	12	19.06	19.07	18.98		
5	256QAM	1	24	18.96	18.98	18.99		
5	256QAM	12	0	19.01	18.93	19.11	20	2
5	256QAM	12	7	19.03	18.99	18.94		
5	256QAM	12	13	19.03	18.96	18.98		
5	256QAM	25	0	18.97	18.97	19.07		

Band 66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.82	18.86	18.81	20	0
20	QPSK	1	49	18.78	18.79	18.79		
20	QPSK	1	99	18.70	18.73	18.79		
20	QPSK	50	0	18.76	18.85	18.73	20	0
20	QPSK	50	24	18.67	18.77	18.62		
20	QPSK	50	50	18.68	18.83	18.64		
20	QPSK	100	0	18.67	18.75	18.71		
20	16QAM	1	0	18.68	18.76	18.69	20	0
20	16QAM	1	49	18.63	18.81	18.70		
20	16QAM	1	99	18.75	18.80	18.62		
20	16QAM	50	0	18.68	18.83	18.70	20	0
20	16QAM	50	24	18.72	18.77	18.68		
20	16QAM	50	50	18.70	18.80	18.63		
20	16QAM	100	0	18.72	18.80	18.61		
20	64QAM	1	0	18.69	18.73	18.67	20	0
20	64QAM	1	49	18.69	18.80	18.65		
20	64QAM	1	99	18.73	18.79	18.68		
20	64QAM	50	0	18.75	18.79	18.65	20	0
20	64QAM	50	24	18.75	18.81	18.62		
20	64QAM	50	50	18.74	18.76	18.72		
20	64QAM	100	0	18.70	18.78	18.62		
20	256QAM	1	0	18.65	18.82	18.60	20	0
20	256QAM	1	49	18.70	18.79	18.71		
20	256QAM	1	99	18.67	18.76	18.63		
20	256QAM	50	0	18.72	18.75	18.72	20	0
20	256QAM	50	24	18.66	18.80	18.62		
20	256QAM	50	50	18.71	18.84	18.70		
20	256QAM	100	0	18.65	18.78	18.64		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.80	18.81	18.78	20	0
15	QPSK	1	37	18.78	18.72	18.78		
15	QPSK	1	74	18.64	18.65	18.71		
15	QPSK	36	0	18.77	18.78	18.75	20	0
15	QPSK	36	20	18.69	18.68	18.75		
15	QPSK	36	39	18.78	18.79	18.74		
15	QPSK	75	0	18.71	18.74	18.71		
15	16QAM	1	0	18.74	18.68	18.63	20	0
15	16QAM	1	37	18.69	18.69	18.75		
15	16QAM	1	74	18.78	18.74	18.68		
15	16QAM	36	0	18.76	18.70	18.77	20	0
15	16QAM	36	20	18.69	18.73	18.74		
15	16QAM	36	39	18.78	18.68	18.74		
15	16QAM	75	0	18.69	18.67	18.77		
15	64QAM	1	0	18.71	18.65	18.65	20	0
15	64QAM	1	37	18.73	18.70	18.76		
15	64QAM	1	74	18.71	18.78	18.75		
15	64QAM	36	0	18.77	18.69	18.70	20	0
15	64QAM	36	20	18.76	18.75	18.76		
15	64QAM	36	39	18.68	18.70	18.72		
15	64QAM	75	0	18.70	18.73	18.68		
15	256QAM	1	0	18.62	18.63	18.68	20	0
15	256QAM	1	37	18.69	18.69	18.78		
15	256QAM	1	74	18.57	18.66	18.70		
15	256QAM	36	0	18.66	18.66	18.63	20	0
15	256QAM	36	20	18.75	18.61	18.66		
15	256QAM	36	39	18.79	18.79	18.64		
15	256QAM	75	0	18.72	18.76	18.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.77	18.81	18.74	20	0
10	QPSK	1	25	18.72	18.78	18.80		
10	QPSK	1	49	18.69	18.67	18.68		
10	QPSK	25	0	18.77	18.73	18.72	20	0
10	QPSK	25	12	18.69	18.68	18.75		
10	QPSK	25	25	18.80	18.76	18.82		
10	QPSK	50	0	18.68	18.70	18.73		
10	16QAM	1	0	18.72	18.65	18.71	20	0
10	16QAM	1	25	18.75	18.75	18.72		
10	16QAM	1	49	18.72	18.75	18.75		
10	16QAM	25	0	18.80	18.79	18.74	20	0
10	16QAM	25	12	18.73	18.74	18.69		
10	16QAM	25	25	18.67	18.68	18.67		
10	16QAM	50	0	18.77	18.78	18.73		
10	64QAM	1	0	18.59	18.61	18.71	20	0
10	64QAM	1	25	18.77	18.71	18.79		
10	64QAM	1	49	18.76	18.68	18.77		
10	64QAM	25	0	18.70	18.72	18.75	20	0
10	64QAM	25	12	18.72	18.76	18.80		
10	64QAM	25	25	18.71	18.73	18.69		
10	64QAM	50	0	18.73	18.75	18.73		
10	256QAM	1	0	18.63	18.75	18.71	20	0
10	256QAM	1	25	18.66	18.78	18.63		
10	256QAM	1	49	18.74	18.75	18.65		
10	256QAM	25	0	18.55	18.69	18.67	20	0
10	256QAM	25	12	18.61	18.60	18.66		
10	256QAM	25	25	18.73	18.77	18.81		
10	256QAM	50	0	18.59	18.64	18.64		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.84	18.75	18.75	20	0
5	QPSK	1	12	18.77	18.76	18.76		
5	QPSK	1	24	18.65	18.67	18.64		
5	QPSK	12	0	18.78	18.79	18.83	20	0
5	QPSK	12	7	18.67	18.71	18.69		
5	QPSK	12	13	18.73	18.70	18.72		
5	QPSK	25	0	18.69	18.64	18.62		
5	16QAM	1	0	18.66	18.64	18.72	20	0
5	16QAM	1	12	18.79	18.71	18.70		
5	16QAM	1	24	18.78	18.72	18.74		
5	16QAM	12	0	18.73	18.81	18.79	20	0
5	16QAM	12	7	18.72	18.72	18.75		
5	16QAM	12	13	18.68	18.78	18.77		
5	16QAM	25	0	18.74	18.70	18.72		
5	64QAM	1	0	18.63	18.62	18.69	20	0
5	64QAM	1	12	18.68	18.72	18.75		
5	64QAM	1	24	18.65	18.74	18.76		
5	64QAM	12	0	18.74	18.77	18.75	20	0
5	64QAM	12	7	18.73	18.80	18.80		
5	64QAM	12	13	18.68	18.71	18.66		
5	64QAM	25	0	18.68	18.70	18.75		
5	256QAM	1	0	18.68	18.68	18.76	20	0
5	256QAM	1	12	18.60	18.72	18.71		
5	256QAM	1	24	18.70	18.66	18.69		
5	256QAM	12	0	18.74	18.71	18.66	20	0
5	256QAM	12	7	18.73	18.64	18.73		
5	256QAM	12	13	18.80	18.80	18.71		
5	256QAM	25	0	18.61	18.72	18.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.82	18.76	18.74	20	0
3	QPSK	1	8	18.81	18.82	18.73		
3	QPSK	1	14	18.70	18.66	18.71		
3	QPSK	8	0	18.77	18.76	18.78	20	0
3	QPSK	8	4	18.66	18.74	18.72		
3	QPSK	8	7	18.80	18.73	18.78		
3	QPSK	15	0	18.67	18.69	18.71		
3	16QAM	1	0	18.69	18.63	18.71	20	0
3	16QAM	1	8	18.74	18.79	18.80		
3	16QAM	1	14	18.77	18.77	18.75		
3	16QAM	8	0	18.77	18.73	18.77	20	0
3	16QAM	8	4	18.66	18.68	18.76		
3	16QAM	8	7	18.74	18.74	18.75		
3	16QAM	15	0	18.75	18.78	18.68		
3	64QAM	1	0	18.63	18.58	18.59	20	0
3	64QAM	1	8	18.79	18.65	18.73		
3	64QAM	1	14	18.69	18.70	18.67		
3	64QAM	8	0	18.75	18.73	18.78	20	0
3	64QAM	8	4	18.80	18.72	18.75		
3	64QAM	8	7	18.68	18.71	18.75		
3	64QAM	15	0	18.74	18.69	18.72		
3	256QAM	1	0	18.78	18.66	18.71	20	0
3	256QAM	1	8	18.69	18.74	18.71		
3	256QAM	1	14	18.57	18.68	18.72		
3	256QAM	8	0	18.74	18.71	18.71	20	0
3	256QAM	8	4	18.63	18.69	18.79		
3	256QAM	8	7	18.70	18.74	18.76		
3	256QAM	15	0	18.73	18.65	18.66		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.76	18.81	18.77	20	0
1.4	QPSK	1	3	18.74	18.80	18.81		
1.4	QPSK	1	5	18.61	18.65	18.70		
1.4	QPSK	3	0	18.77	18.73	18.80		
1.4	QPSK	3	1	18.68	18.65	18.72		
1.4	QPSK	3	3	18.73	18.79	18.75		
1.4	QPSK	6	0	18.70	18.67	18.66	20	0
1.4	16QAM	1	0	18.75	18.70	18.68	20	0
1.4	16QAM	1	3	18.79	18.70	18.70		
1.4	16QAM	1	5	18.79	18.78	18.75		
1.4	16QAM	3	0	18.82	18.76	18.71		
1.4	16QAM	3	1	18.69	18.67	18.67		
1.4	16QAM	3	3	18.70	18.73	18.69		
1.4	16QAM	6	0	18.78	18.76	18.74	20	0
1.4	64QAM	1	0	18.67	18.68	18.59	20	0
1.4	64QAM	1	3	18.67	18.76	18.66		
1.4	64QAM	1	5	18.66	18.65	18.70		
1.4	64QAM	3	0	18.70	18.71	18.77		
1.4	64QAM	3	1	18.76	18.76	18.77		
1.4	64QAM	3	3	18.69	18.74	18.75		
1.4	64QAM	6	0	18.70	18.75	18.76	20	0
1.4	256QAM	1	0	18.78	18.78	18.72	20	0
1.4	256QAM	1	3	18.62	18.68	18.65		
1.4	256QAM	1	5	18.62	18.74	18.56		
1.4	256QAM	3	0	18.66	18.63	18.62		
1.4	256QAM	3	1	18.68	18.78	18.71		
1.4	256QAM	3	3	18.67	18.82	18.66		
1.4	256QAM	6	0	18.64	18.77	18.60	20	0

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.06	24.08	24.05	25	0
20	QPSK	1	49	23.96	23.98	23.87		
20	QPSK	1	99	23.73	23.76	23.75		
20	QPSK	50	0	22.97	23.04	22.96	24	1
20	QPSK	50	24	22.92	22.91	22.88		
20	QPSK	50	50	22.86	22.88	22.85		
20	QPSK	100	0	22.91	22.97	22.86		
20	16QAM	1	0	23.21	23.2	23.24	24	1
20	16QAM	1	49	23.25	23.16	23.22		
20	16QAM	1	99	23.07	23.04	23.02		
20	16QAM	50	0	21.93	22	22.01	23	2
20	16QAM	50	24	21.98	21.94	21.92		
20	16QAM	50	50	21.95	21.93	21.87		
20	16QAM	100	0	21.99	21.94	21.96		
20	64QAM	1	0	22.08	22.11	22.13	23	2
20	64QAM	1	49	22.14	22.16	22.182		
20	64QAM	1	99	22.02	22.07	22.09		
20	64QAM	50	0	20.98	20.94	20.97	22	3
20	64QAM	50	24	21.01	20.92	20.96		
20	64QAM	50	50	20.98	20.99	20.89		
20	64QAM	100	0	20.95	20.92	20.91		
20	256QAM	1	0	19.06	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.10		
20	256QAM	1	99	19.00	19.03	18.98		
20	256QAM	50	0	19.05	19.04	19.09	20	5
20	256QAM	50	24	18.87	18.87	18.82		
20	256QAM	50	50	18.95	18.95	18.98		
20	256QAM	100	0	18.79	18.92	18.89		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.05	23.95	25	0
15	QPSK	1	37	23.91	23.93	23.81		
15	QPSK	1	74	23.7	23.74	23.69		
15	QPSK	36	0	22.91	23.01	22.94	24	1
15	QPSK	36	20	22.83	22.88	22.86		
15	QPSK	36	39	22.83	22.81	22.78		
15	QPSK	75	0	22.84	22.86	22.78		
15	16QAM	1	0	23.2	23.1	23.16	24	1
15	16QAM	1	37	23.16	23.12	23.17		
15	16QAM	1	74	23.04	22.94	22.97		
15	16QAM	36	0	21.84	22.01	21.95	23	2
15	16QAM	36	20	21.9	21.91	21.89		
15	16QAM	36	39	21.88	21.92	21.83		
15	16QAM	75	0	21.96	21.88	21.95		
15	64QAM	1	0	22.03	22.02	22.11	23	2
15	64QAM	1	37	22.11	22.05	22.122		
15	64QAM	1	74	21.96	22.03	22.02		
15	64QAM	36	0	20.89	20.87	20.9	22	3
15	64QAM	36	20	20.94	20.89	20.96		
15	64QAM	36	39	20.91	20.99	20.85		
15	64QAM	75	0	20.88	20.86	20.89		
15	256QAM	1	0	19.06	19.08	19.01	20	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.03	19.06	18.99		
15	256QAM	36	0	19.04	19.05	19.06	20	5
15	256QAM	36	20	18.91	18.83	18.79		
15	256QAM	36	39	18.97	18.93	18.87		
15	256QAM	75	0	18.86	18.90	18.93		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.94	24.03	23.98	25	0
10	QPSK	1	25	23.89	23.92	23.87		
10	QPSK	1	49	23.74	23.73	23.69		
10	QPSK	25	0	22.93	22.94	22.93	24	1
10	QPSK	25	12	22.82	22.88	22.82		
10	QPSK	25	25	22.85	22.83	22.77		
10	QPSK	50	0	22.85	22.9	22.8		
10	16QAM	1	0	23.18	23.08	23.21	24	1
10	16QAM	1	25	23.22	23.13	23.17		
10	16QAM	1	49	23.02	22.99	22.97		
10	16QAM	25	0	21.89	22	21.93	23	2
10	16QAM	25	12	21.91	21.85	21.85		
10	16QAM	25	25	21.87	21.86	21.8		
10	16QAM	50	0	21.98	21.87	21.91		
10	64QAM	1	0	22.07	22.07	22.06	23	2
10	64QAM	1	25	22.13	22.07	22.072		
10	64QAM	1	49	21.93	22.01	22.04		
10	64QAM	25	0	20.96	20.91	20.92	22	3
10	64QAM	25	12	20.94	20.9	20.93		
10	64QAM	25	25	20.93	20.97	20.85		
10	64QAM	50	0	20.89	20.83	20.86		
10	256QAM	1	0	19.02	19.02	19.03	20	5
10	256QAM	1	25	19.04	19.11	19.09		
10	256QAM	1	49	18.97	19.01	18.96		
10	256QAM	25	0	19.04	19.02	19.01	20	5
10	256QAM	25	12	18.83	18.85	18.87		
10	256QAM	25	25	18.98	18.95	18.93		
10	256QAM	50	0	18.86	18.86	18.95		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.03	24.04	23.96	25	0
5	QPSK	1	12	23.93	23.92	23.83		
5	QPSK	1	24	23.69	23.73	23.7		
5	QPSK	12	0	22.92	22.96	22.91	24	1
5	QPSK	12	7	22.89	22.82	22.83		
5	QPSK	12	13	22.8	22.82	22.86		
5	QPSK	25	0	22.9	22.92	22.78		
5	16QAM	1	0	23.12	23.15	23.23	24	1
5	16QAM	1	12	23.14	23.1	23.19		
5	16QAM	1	24	23.06	22.97	22.91		
5	16QAM	12	0	21.82	21.98	21.94	23	2
5	16QAM	12	7	21.92	21.92	21.91		
5	16QAM	12	13	21.88	21.9	21.85		
5	16QAM	25	0	21.95	21.89	21.94		
5	64QAM	1	0	22.01	22.11	22.11	23	2
5	64QAM	1	12	22.1	22.12	22.112		
5	64QAM	1	24	22	22.01	22.03		
5	64QAM	12	0	20.94	20.91	20.95	22	3
5	64QAM	12	7	20.92	20.88	20.89		
5	64QAM	12	13	20.89	20.94	20.78		
5	64QAM	25	0	20.87	20.89	20.89		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.13	19.15	19.12		
5	256QAM	1	24	19.00	18.96	18.97		
5	256QAM	12	0	19.04	19.00	19.00	20	5
5	256QAM	12	7	18.87	18.89	18.81		
5	256QAM	12	13	18.95	18.91	18.88		
5	256QAM	25	0	18.79	18.95	18.94		

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.55	19.66	19.58	20.5	0
20	QPSK	1	49	19.59	19.54	19.56		
20	QPSK	1	99	19.48	19.51	19.42		
20	QPSK	50	0	19.41	19.49	19.4	20.5	0
20	QPSK	50	24	19.44	19.46	19.3		
20	QPSK	50	50	19.31	19.35	19.45		
20	QPSK	100	0	19.39	19.41	19.25		
20	16QAM	1	0	19.53	19.55	19.44	20.5	0
20	16QAM	1	49	19.62	19.57	19.43		
20	16QAM	1	99	19.41	19.43	19.44		
20	16QAM	50	0	19.43	19.54	19.5	20.5	0
20	16QAM	50	24	19.51	19.52	19.54		
20	16QAM	50	50	19.49	19.58	19.57		
20	16QAM	100	0	19.59	19.61	19.5		
20	64QAM	1	0	19.49	19.54	19.62	20.5	0
20	64QAM	1	49	19.44	19.53	19.42		
20	64QAM	1	99	19.31	19.48	19.42		
20	64QAM	50	0	19.4	19.5	19.5	20.5	0
20	64QAM	50	24	19.44	19.35	19.4		
20	64QAM	50	50	19.28	19.55	19.42		
20	64QAM	100	0	19.33	19.42	19.46		
20	256QAM	1	0	19.05	19.14	19.04	20	0.5
20	256QAM	1	49	18.98	19.04	18.94		
20	256QAM	1	99	18.97	19.08	18.98		
20	256QAM	50	0	19.02	19.15	19.07	20	0.5
20	256QAM	50	24	19.09	19.14	19.02		
20	256QAM	50	50	19.01	19.03	18.96		
20	256QAM	100	0	19.02	19.15	19.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.6	19.54	19.58	20.5	0
15	QPSK	1	37	19.41	19.43	19.47		
15	QPSK	1	74	19.46	19.44	19.47		
15	QPSK	36	0	19.38	19.42	19.44	20.5	0
15	QPSK	36	20	19.39	19.39	19.41		
15	QPSK	36	39	19.34	19.3	19.31		
15	QPSK	75	0	19.3	19.3	19.33		
15	16QAM	1	0	19.42	19.47	19.43	20.5	0
15	16QAM	1	37	19.49	19.53	19.55		
15	16QAM	1	74	19.39	19.3	19.42		
15	16QAM	36	0	19.46	19.43	19.52	20.5	0
15	16QAM	36	20	19.5	19.4	19.4		
15	16QAM	36	39	19.52	19.49	19.49		
15	16QAM	75	0	19.57	19.5	19.49		
15	64QAM	1	0	19.43	19.43	19.41	20.5	0
15	64QAM	1	37	19.43	19.44	19.49		
15	64QAM	1	74	19.47	19.37	19.45		
15	64QAM	36	0	19.43	19.46	19.44	20.5	0
15	64QAM	36	20	19.29	19.29	19.33		
15	64QAM	36	39	19.46	19.48	19.46		
15	64QAM	75	0	19.39	19.4	19.37		
15	256QAM	1	0	19.02	18.98	19.00	20	0.5
15	256QAM	1	37	19.03	18.97	18.89		
15	256QAM	1	74	18.91	19.04	18.96		
15	256QAM	36	0	19.02	19.05	18.97	20	0.5
15	256QAM	36	20	19.10	18.99	19.13		
15	256QAM	36	39	18.88	19.01	18.83		
15	256QAM	75	0	19.02	19.06	19.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.64	19.63	19.61	20.5	0
10	QPSK	1	25	19.52	19.52	19.5		
10	QPSK	1	49	19.49	19.4	19.46		
10	QPSK	25	0	19.46	19.45	19.4	20.5	0
10	QPSK	25	12	19.43	19.34	19.39		
10	QPSK	25	25	19.25	19.25	19.29		
10	QPSK	50	0	19.33	19.28	19.31		
10	16QAM	1	0	19.48	19.53	19.42	20.5	0
10	16QAM	1	25	19.49	19.54	19.45		
10	16QAM	1	49	19.36	19.41	19.34		
10	16QAM	25	0	19.51	19.5	19.42	20.5	0
10	16QAM	25	12	19.49	19.43	19.45		
10	16QAM	25	25	19.5	19.48	19.52		
10	16QAM	50	0	19.57	19.53	19.53		
10	64QAM	1	0	19.51	19.49	19.5	20.5	0
10	64QAM	1	25	19.42	19.5	19.46		
10	64QAM	1	49	19.4	19.43	19.36		
10	64QAM	25	0	19.47	19.47	19.43	20.5	0
10	64QAM	25	12	19.31	19.31	19.32		
10	64QAM	25	25	19.54	19.46	19.49		
10	64QAM	50	0	19.34	19.32	19.38		
10	256QAM	1	0	19.10	18.94	19.07	20	0.5
10	256QAM	1	25	18.94	19.02	19.02		
10	256QAM	1	49	18.97	19.01	19.05		
10	256QAM	25	0	19.08	18.96	18.98	20	0.5
10	256QAM	25	12	18.95	19.01	19.13		
10	256QAM	25	25	18.94	18.94	18.89		
10	256QAM	50	0	19.13	18.98	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.61	19.65	19.62	20.5	0
5	QPSK	1	12	19.48	19.41	19.5		
5	QPSK	1	24	19.42	19.38	19.42		
5	QPSK	12	0	19.47	19.48	19.46	20.5	0
5	QPSK	12	7	19.39	19.35	19.43		
5	QPSK	12	13	19.34	19.22	19.27		
5	QPSK	25	0	19.29	19.4	19.34		
5	16QAM	1	0	19.48	19.54	19.46	20.5	0
5	16QAM	1	12	19.52	19.53	19.5		
5	16QAM	1	24	19.34	19.4	19.42		
5	16QAM	12	0	19.45	19.41	19.51	20.5	0
5	16QAM	12	7	19.41	19.39	19.43		
5	16QAM	12	13	19.45	19.45	19.47		
5	16QAM	25	0	19.5	19.54	19.58		
5	64QAM	1	0	19.53	19.39	19.48	20.5	0
5	64QAM	1	12	19.42	19.43	19.42		
5	64QAM	1	24	19.37	19.46	19.41		
5	64QAM	12	0	19.41	19.44	19.48	20.5	0
5	64QAM	12	7	19.31	19.3	19.32		
5	64QAM	12	13	19.52	19.49	19.45		
5	64QAM	25	0	19.36	19.35	19.39		
5	256QAM	1	0	19.00	19.07	19.04	20	0.5
5	256QAM	1	12	18.97	18.95	18.95		
5	256QAM	1	24	18.88	18.96	18.93		
5	256QAM	12	0	19.09	18.99	19.04	20	0.5
5	256QAM	12	7	19.08	18.98	19.08		
5	256QAM	12	13	18.96	18.83	18.96		
5	256QAM	25	0	19.13	19.09	19.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.61	19.61	19.53	20.5	0
3	QPSK	1	8	19.47	19.45	19.42		
3	QPSK	1	14	19.43	19.39	19.38		
3	QPSK	8	0	19.47	19.43	19.43	20.5	0
3	QPSK	8	4	19.45	19.33	19.34		
3	QPSK	8	7	19.33	19.27	19.27		
3	QPSK	15	0	19.28	19.29	19.28		
3	16QAM	1	0	19.52	19.49	19.43	20.5	0
3	16QAM	1	8	19.52	19.48	19.44		
3	16QAM	1	14	19.34	19.34	19.41		
3	16QAM	8	0	19.51	19.43	19.46	20.5	0
3	16QAM	8	4	19.4	19.5	19.4		
3	16QAM	8	7	19.52	19.5	19.53		
3	16QAM	15	0	19.58	19.48	19.51		
3	64QAM	1	0	19.53	19.48	19.46	20.5	0
3	64QAM	1	8	19.47	19.47	19.48		
3	64QAM	1	14	19.38	19.35	19.42		
3	64QAM	8	0	19.49	19.49	19.49	20.5	0
3	64QAM	8	4	19.3	19.32	19.34		
3	64QAM	8	7	19.54	19.51	19.48		
3	64QAM	15	0	19.35	19.39	19.37		
3	256QAM	1	0	19.12	19.05	18.99	20	0.5
3	256QAM	1	8	18.87	18.99	19.01		
3	256QAM	1	14	19.06	18.91	18.92		
3	256QAM	8	0	19.01	19.00	19.05	20	0.5
3	256QAM	8	4	18.99	19.11	19.02		
3	256QAM	8	7	18.93	18.94	18.87		
3	256QAM	15	0	19.14	19.01	18.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.59	19.55	19.56	20.5	0
1.4	QPSK	1	3	19.41	19.45	19.44		
1.4	QPSK	1	5	19.47	19.41	19.45		
1.4	QPSK	3	0	19.41	19.37	19.42		
1.4	QPSK	3	1	19.42	19.42	19.42		
1.4	QPSK	3	3	19.3	19.24	19.22		
1.4	QPSK	6	0	19.32	19.31	19.33	20.5	0
1.4	16QAM	1	0	19.54	19.46	19.5	20.5	0
1.4	16QAM	1	3	19.47	19.55	19.47		
1.4	16QAM	1	5	19.39	19.36	19.31		
1.4	16QAM	3	0	19.41	19.48	19.45		
1.4	16QAM	3	1	19.43	19.51	19.41		
1.4	16QAM	3	3	19.51	19.45	19.57		
1.4	16QAM	6	0	19.56	19.48	19.52	20.5	0
1.4	64QAM	1	0	19.45	19.45	19.45	20.5	0
1.4	64QAM	1	3	19.5	19.5	19.42		
1.4	64QAM	1	5	19.36	19.36	19.37		
1.4	64QAM	3	0	19.45	19.42	19.44		
1.4	64QAM	3	1	19.28	19.29	19.3		
1.4	64QAM	3	3	19.49	19.48	19.48		
1.4	64QAM	6	0	19.4	19.32	19.36	20.5	0
1.4	256QAM	1	0	19.02	19.02	19.07	20	0.5
1.4	256QAM	1	3	18.87	18.90	18.87		
1.4	256QAM	1	5	18.96	19.06	18.92		
1.4	256QAM	3	0	19.05	18.95	18.96		
1.4	256QAM	3	1	19.10	19.10	18.99		
1.4	256QAM	3	3	18.96	19.02	18.96		
1.4	256QAM	6	0	19.08	19.06	18.98	20	0.5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.21	21.26	21.23	22.5	0
20	QPSK	1	49	21.17	21.21	21.24		
20	QPSK	1	99	21.21	21.25	21.22		
20	QPSK	50	0	21.14	21.21	21.19	22.5	0
20	QPSK	50	24	21.02	21.12	21.19		
20	QPSK	50	50	21.02	21.2	21.19		
20	QPSK	100	0	21.04	21.12	21.07		
20	16QAM	1	0	21.03	21.12	21.14	22.5	0
20	16QAM	1	49	21.08	21.13	21.05		
20	16QAM	1	99	20.95	21.11	21.18		
20	16QAM	50	0	21.03	21.11	21.01	22.5	0
20	16QAM	50	24	21.05	21.15	21.17		
20	16QAM	50	50	21.01	21.12	21.03		
20	16QAM	100	0	21.13	21.19	21.1		
20	64QAM	1	0	21.01	21.06	21.19	22.5	0
20	64QAM	1	49	21.03	21.17	21.06		
20	64QAM	1	99	21.09	21.13	21.01		
20	64QAM	50	0	20.46	20.55	20.65	22	0.5
20	64QAM	50	24	20.58	20.59	20.51		
20	64QAM	50	50	20.46	20.55	20.66		
20	64QAM	100	0	20.51	20.62	20.52		
20	256QAM	1	0	18.54	18.67	18.58	20	2.5
20	256QAM	1	49	18.57	18.65	18.58		
20	256QAM	1	99	18.62	18.64	18.52		
20	256QAM	50	0	18.73	18.74	18.69	20	2.5
20	256QAM	50	24	18.69	18.70	18.66		
20	256QAM	50	50	18.68	18.72	18.61		
20	256QAM	100	0	18.69	18.73	18.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.97	20.97	20.86	22.5	0
15	QPSK	1	37	20.85	20.9	20.91		
15	QPSK	1	74	20.85	20.85	20.93		
15	QPSK	36	0	20.9	20.82	20.92	22.5	0
15	QPSK	36	20	20.8	20.73	20.78		
15	QPSK	36	39	20.86	20.85	20.84		
15	QPSK	75	0	20.74	20.81	20.8		
15	16QAM	1	0	20.74	20.81	20.78	22.5	0
15	16QAM	1	37	20.8	20.8	20.8		
15	16QAM	1	74	20.75	20.8	20.83		
15	16QAM	36	0	20.76	20.74	20.79	22.5	0
15	16QAM	36	20	20.83	20.83	20.8		
15	16QAM	36	39	20.8	20.77	20.84		
15	16QAM	75	0	20.87	20.83	20.87		
15	64QAM	1	0	20.64	20.74	20.74	22.5	0
15	64QAM	1	37	20.75	20.83	20.83		
15	64QAM	1	74	20.74	20.75	20.72		
15	64QAM	36	0	20.2	20.2	20.23	22	0.5
15	64QAM	36	20	20.23	20.27	20.27		
15	64QAM	36	39	20.22	20.19	20.25		
15	64QAM	75	0	20.33	20.28	20.3		
15	256QAM	1	0	18.24	18.39	18.34	20	2.5
15	256QAM	1	37	18.36	18.26	18.30		
15	256QAM	1	74	18.36	18.27	18.26		
15	256QAM	36	0	18.35	18.38	18.43	20	2.5
15	256QAM	36	20	18.33	18.27	18.42		
15	256QAM	36	39	18.38	18.43	18.41		
15	256QAM	75	0	18.34	18.44	18.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.92	20.93	20.95	22.5	0
10	QPSK	1	25	20.81	20.93	20.87		
10	QPSK	1	49	20.9	20.87	20.96		
10	QPSK	25	0	20.86	20.92	20.84	22.5	0
10	QPSK	25	12	20.72	20.81	20.75		
10	QPSK	25	25	20.86	20.87	20.84		
10	QPSK	50	0	20.72	20.79	20.77		
10	16QAM	1	0	20.78	20.8	20.82	22.5	0
10	16QAM	1	25	20.83	20.84	20.79		
10	16QAM	1	49	20.83	20.71	20.71		
10	16QAM	25	0	20.73	20.74	20.74	22.5	0
10	16QAM	25	12	20.86	20.84	20.86		
10	16QAM	25	25	20.83	20.76	20.8		
10	16QAM	50	0	20.8	20.81	20.8		
10	64QAM	1	0	20.71	20.66	20.78	22.5	0
10	64QAM	1	25	20.77	20.75	20.77		
10	64QAM	1	49	20.83	20.82	20.76		
10	64QAM	25	0	20.27	20.27	20.21	22	0.5
10	64QAM	25	12	20.3	20.25	20.22		
10	64QAM	25	25	20.23	20.26	20.22		
10	64QAM	50	0	20.26	20.25	20.28		
10	256QAM	1	0	18.21	18.29	18.27	20	2.5
10	256QAM	1	25	18.18	18.31	18.31		
10	256QAM	1	49	18.30	18.22	18.31		
10	256QAM	25	0	18.32	18.43	18.40	20	2.5
10	256QAM	25	12	18.23	18.31	18.36		
10	256QAM	25	25	18.27	18.40	18.32		
10	256QAM	50	0	18.31	18.44	18.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.97	20.88	20.95	22.5	0
5	QPSK	1	12	20.9	20.91	20.89		
5	QPSK	1	24	20.91	20.94	20.86		
5	QPSK	12	0	20.89	20.82	20.89	22.5	0
5	QPSK	12	7	20.77	20.76	20.75		
5	QPSK	12	13	20.85	20.84	20.88		
5	QPSK	25	0	20.77	20.75	20.79		
5	16QAM	1	0	20.81	20.81	20.78	22.5	0
5	16QAM	1	12	20.83	20.84	20.83		
5	16QAM	1	24	20.81	20.79	20.8		
5	16QAM	12	0	20.76	20.8	20.77	22.5	0
5	16QAM	12	7	20.82	20.86	20.81		
5	16QAM	12	13	20.73	20.75	20.79		
5	16QAM	25	0	20.83	20.87	20.91		
5	64QAM	1	0	20.64	20.7	20.67	22.5	0
5	64QAM	1	12	20.84	20.87	20.87		
5	64QAM	1	24	20.85	20.84	20.75		
5	64QAM	12	0	20.2	20.27	20.27	22	0.5
5	64QAM	12	7	20.23	20.28	20.27		
5	64QAM	12	13	20.23	20.23	20.26		
5	64QAM	25	0	20.3	20.27	20.33		
5	256QAM	1	0	18.35	18.30	18.29	20	2.5
5	256QAM	1	12	18.34	18.29	18.37		
5	256QAM	1	24	18.28	18.31	18.30		
5	256QAM	12	0	18.38	18.35	18.33	20	2.5
5	256QAM	12	7	18.38	18.34	18.26		
5	256QAM	12	13	18.26	18.31	18.31		
5	256QAM	25	0	18.33	18.26	18.38		
Channel				19963.9	20173.9	20383.9	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.4	1732.4	1753.4		
3	QPSK	1	0	20.91	20.97	20.98	22.5	0
3	QPSK	1	8	20.93	20.89	20.93		
3	QPSK	1	14	20.85	20.94	20.85		
3	QPSK	8	0	20.88	20.88	20.92	22.5	0
3	QPSK	8	4	20.83	20.84	20.76		
3	QPSK	8	7	20.8	20.82	20.86		
3	QPSK	15	0	20.82	20.72	20.81		
3	16QAM	1	0	20.79	20.79	20.8	22.5	0
3	16QAM	1	8	20.74	20.84	20.82		
3	16QAM	1	14	20.73	20.72	20.78		
3	16QAM	8	0	20.78	20.76	20.72	22.5	0
3	16QAM	8	4	20.78	20.82	20.77		
3	16QAM	8	7	20.8	20.73	20.73		
3	16QAM	15	0	20.84	20.89	20.84		
3	64QAM	1	0	20.77	20.74	20.74	22.5	0
3	64QAM	1	8	20.75	20.77	20.76		
3	64QAM	1	14	20.76	20.81	20.74		
3	64QAM	8	0	20.19	20.2	20.2	22	0.5
3	64QAM	8	4	20.22	20.27	20.31		
3	64QAM	8	7	20.24	20.22	20.2		
3	64QAM	15	0	20.32	20.32	20.31		
3	256QAM	1	0	18.20	18.39	18.22	20	2.5
3	256QAM	1	8	18.32	18.29	18.19		
3	256QAM	1	14	18.30	18.31	18.34		
3	256QAM	8	0	18.46	18.42	18.28	20	2.5
3	256QAM	8	4	18.23	18.36	18.40		
3	256QAM	8	7	18.28	18.29	18.36		
3	256QAM	15	0	18.40	18.33	18.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.97	20.95	20.88	22.5	0
1.4	QPSK	1	3	20.89	20.88	20.86		
1.4	QPSK	1	5	20.89	20.9	20.86		
1.4	QPSK	3	0	20.88	20.82	20.82		
1.4	QPSK	3	1	20.75	20.79	20.83		
1.4	QPSK	3	3	20.82	20.81	20.81		
1.4	QPSK	6	0	20.84	20.78	20.73	22.5	0
1.4	16QAM	1	0	20.77	20.73	20.72	22.5	0
1.4	16QAM	1	3	20.85	20.85	20.85		
1.4	16QAM	1	5	20.73	20.77	20.72		
1.4	16QAM	3	0	20.82	20.77	20.77		
1.4	16QAM	3	1	20.8	20.77	20.8		
1.4	16QAM	3	3	20.75	20.83	20.83		
1.4	16QAM	6	0	20.84	20.82	20.8	22.5	0
1.4	64QAM	1	0	20.68	20.69	20.64	22.5	0
1.4	64QAM	1	3	20.87	20.89	20.82		
1.4	64QAM	1	5	20.79	20.77	20.77		
1.4	64QAM	3	0	20.62	20.61	20.6		
1.4	64QAM	3	1	20.61	20.62	20.58		
1.4	64QAM	3	3	20.67	20.62	20.65		
1.4	64QAM	6	0	20.32	20.31	20.27	22	0.5
1.4	256QAM	1	0	18.30	18.36	18.37	20	2.5
1.4	256QAM	1	3	18.36	18.28	18.31		
1.4	256QAM	1	5	18.25	18.34	18.34		
1.4	256QAM	3	0	18.28	18.39	18.41		
1.4	256QAM	3	1	18.32	18.41	18.29		
1.4	256QAM	3	3	18.38	18.37	18.39		
1.4	256QAM	6	0	18.28	18.37	18.40	20	2.5

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	0
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	21.95	22.06	21.95		
1.4	64QAM	3	3	21.84	21.94	21.9		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 4_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.08	21.15	21.02	22	0
20	QPSK	1	49	20.92	20.99	20.92		
20	QPSK	1	99	20.86	20.91	20.86		
20	QPSK	50	0	20.76	20.85	20.72	22	0
20	QPSK	50	24	20.74	20.83	20.69		
20	QPSK	50	50	20.65	20.73	20.62		
20	QPSK	100	0	20.6	20.76	20.62		
20	16QAM	1	0	20.74	20.85	20.69	22	0
20	16QAM	1	49	20.69	20.74	20.66		
20	16QAM	1	99	20.62	20.75	20.68		
20	16QAM	50	0	20.69	20.82	20.75	22	0
20	16QAM	50	24	20.74	20.85	20.77		
20	16QAM	50	50	20.66	20.76	20.7		
20	16QAM	100	0	20.59	20.75	20.7		
20	64QAM	1	0	20.85	20.97	20.91	22	0
20	64QAM	1	49	20.86	20.93	20.84		
20	64QAM	1	99	20.81	20.86	20.81		
20	64QAM	50	0	20.16	20.21	20.13	22	0
20	64QAM	50	24	20.15	20.22	20.09		
20	64QAM	50	50	20.07	20.16	20.03		
20	64QAM	100	0	20.07	20.21	20.05		
20	256QAM	1	0	18.14	18.23	18.13	19	3
20	256QAM	1	49	18.17	18.33	18.21		
20	256QAM	1	99	18.18	18.32	18.19		
20	256QAM	50	0	18.17	18.25	18.19	19	3
20	256QAM	50	24	18.19	18.28	18.23		
20	256QAM	50	50	18.17	18.27	18.14		
20	256QAM	100	0	18.21	18.26	18.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21	21.03	20.96	22	0
15	QPSK	1	37	20.85	20.86	20.85		
15	QPSK	1	74	20.7	20.76	20.7		
15	QPSK	36	0	20.7	20.79	20.58	22	0
15	QPSK	36	20	20.69	20.73	20.54		
15	QPSK	36	39	20.59	20.67	20.49		
15	QPSK	75	0	20.52	20.69	20.55		
15	16QAM	1	0	20.58	20.75	20.57	22	0
15	16QAM	1	37	20.59	20.68	20.6		
15	16QAM	1	74	20.48	20.6	20.58		
15	16QAM	36	0	20.6	20.71	20.67	22	0
15	16QAM	36	20	20.65	20.73	20.68		
15	16QAM	36	39	20.56	20.69	20.65		
15	16QAM	75	0	20.51	20.6	20.65		
15	64QAM	1	0	20.73	20.85	20.78	22	0
15	64QAM	1	37	20.75	20.83	20.77		
15	64QAM	1	74	20.73	20.77	20.67		
15	64QAM	36	0	20.03	20.1	20.02	22	0
15	64QAM	36	20	20.08	20.11	20.02		
15	64QAM	36	39	19.99	20.04	19.98		
15	64QAM	75	0	19.92	20.05	19.89		
15	256QAM	1	0	18.03	18.14	18.05	19	3
15	256QAM	1	37	18.09	18.17	18.11		
15	256QAM	1	74	18.08	18.16	18.08		
15	256QAM	36	0	18.08	18.20	18.07	19	3
15	256QAM	36	20	18.05	18.22	18.16		
15	256QAM	36	39	18.04	18.15	18.02		
15	256QAM	75	0	18.08	18.11	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.99	21.01	20.9	22	0
10	QPSK	1	25	20.86	20.84	20.8		
10	QPSK	1	49	20.76	20.83	20.7		
10	QPSK	25	0	20.67	20.7	20.66	22	0
10	QPSK	25	12	20.67	20.72	20.57		
10	QPSK	25	25	20.49	20.68	20.57		
10	QPSK	50	0	20.54	20.62	20.55		
10	16QAM	1	0	20.65	20.72	20.53	22	0
10	16QAM	1	25	20.62	20.65	20.57		
10	16QAM	1	49	20.46	20.69	20.52		
10	16QAM	25	0	20.56	20.72	20.69	22	0
10	16QAM	25	12	20.63	20.69	20.67		
10	16QAM	25	25	20.61	20.71	20.54		
10	16QAM	50	0	20.51	20.66	20.65		
10	64QAM	1	0	20.76	20.92	20.76	22	0
10	64QAM	1	25	20.73	20.88	20.76		
10	64QAM	1	49	20.66	20.71	20.74		
10	64QAM	25	0	20.06	20.14	20.08	22	0
10	64QAM	25	12	20.03	20.06	19.93		
10	64QAM	25	25	19.96	20.1	19.96		
10	64QAM	50	0	19.94	20.15	19.89		
10	256QAM	1	0	18.05	18.14	18.08	19	3
10	256QAM	1	25	18.02	18.26	18.07		
10	256QAM	1	49	18.12	18.27	18.08		
10	256QAM	25	0	18.12	18.16	18.11	19	3
10	256QAM	25	12	18.11	18.23	18.12		
10	256QAM	25	25	18.06	18.11	18.05		
10	256QAM	50	0	18.12	18.20	18.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.03	20.95	22	0
5	QPSK	1	12	20.83	20.94	20.85		
5	QPSK	1	24	20.81	20.86	20.76		
5	QPSK	12	0	20.69	20.77	20.61	22	0
5	QPSK	12	7	20.61	20.78	20.58		
5	QPSK	12	13	20.58	20.62	20.48		
5	QPSK	25	0	20.55	20.63	20.47		
5	16QAM	1	0	20.63	20.75	20.61	22	0
5	16QAM	1	12	20.57	20.63	20.57		
5	16QAM	1	24	20.56	20.7	20.58		
5	16QAM	12	0	20.59	20.67	20.69	22	0
5	16QAM	12	7	20.62	20.79	20.62		
5	16QAM	12	13	20.6	20.67	20.56		
5	16QAM	25	0	20.52	20.61	20.57		
5	64QAM	1	0	20.73	20.85	20.82	22	0
5	64QAM	1	12	20.76	20.88	20.75		
5	64QAM	1	24	20.73	20.8	20.75		
5	64QAM	12	0	20.03	20.15	20.02	22	0
5	64QAM	12	7	20.1	20.1	19.94		
5	64QAM	12	13	19.97	20.07	19.93		
5	64QAM	25	0	19.98	20.11	19.94		
5	256QAM	1	0	18.06	18.09	18.15	19	3
5	256QAM	1	12	18.09	18.23	18.10		
5	256QAM	1	24	18.07	18.18	18.11		
5	256QAM	12	0	18.09	18.18	18.09	19	3
5	256QAM	12	7	18.12	18.18	18.13		
5	256QAM	12	13	18.07	18.21	18.02		
5	256QAM	25	0	18.14	18.14	18.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.93	21.02	20.87	22	0
3	QPSK	1	8	20.83	20.93	20.87		
3	QPSK	1	14	20.8	20.81	20.76		
3	QPSK	8	0	20.7	20.76	20.61	22	0
3	QPSK	8	4	20.64	20.76	20.54		
3	QPSK	8	7	20.49	20.67	20.51		
3	QPSK	15	0	20.54	20.61	20.51		
3	16QAM	1	0	20.69	20.79	20.59	22	0
3	16QAM	1	8	20.61	20.6	20.6		
3	16QAM	1	14	20.5	20.59	20.56		
3	16QAM	8	0	20.62	20.69	20.63	22	0
3	16QAM	8	4	20.67	20.8	20.67		
3	16QAM	8	7	20.6	20.65	20.56		
3	16QAM	15	0	20.52	20.68	20.6		
3	64QAM	1	0	20.73	20.82	20.8	22	0
3	64QAM	1	8	20.78	20.78	20.71		
3	64QAM	1	14	20.7	20.7	20.66		
3	64QAM	8	0	20.09	20.07	20.07	22	0
3	64QAM	8	4	20.04	20.09	19.95		
3	64QAM	8	7	19.95	20.05	19.94		
3	64QAM	15	0	19.92	20.05	19.89		
3	256QAM	1	0	18.01	18.07	18.05	19	3
3	256QAM	1	8	18.03	18.25	18.13		
3	256QAM	1	14	18.03	18.18	18.14		
3	256QAM	8	0	18.09	18.10	18.12	19	3
3	256QAM	8	4	18.05	18.15	18.12		
3	256QAM	8	7	18.06	18.21	18.18		
3	256QAM	15	0	18.13	18.19	18.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.92	21.09	20.96	22	0
1.4	QPSK	1	3	20.79	20.93	20.87		
1.4	QPSK	1	5	20.78	20.84	20.74		
1.4	QPSK	3	0	20.64	20.76	20.65		
1.4	QPSK	3	1	20.64	20.76	20.74		
1.4	QPSK	3	3	20.83	20.88	20.83		
1.4	QPSK	6	0	20.75	20.98	20.84	22	0
1.4	16QAM	1	0	20.8	20.9	20.84	22	0
1.4	16QAM	1	3	20.73	20.86	20.76		
1.4	16QAM	1	5	20.75	20.8	20.82		
1.4	16QAM	3	0	20.77	20.91	20.87		
1.4	16QAM	3	1	20.81	20.96	20.89		
1.4	16QAM	3	3	20.72	20.91	20.78		
1.4	16QAM	6	0	20.71	20.85	20.78	22	0
1.4	64QAM	1	0	20.91	21.12	21.04	22	0
1.4	64QAM	1	3	20.97	21.06	20.9		
1.4	64QAM	1	5	20.9	20.91	20.92		
1.4	64QAM	3	0	20.21	20.25	20.2		
1.4	64QAM	3	1	20.3	20.36	20.16		
1.4	64QAM	3	3	20.21	20.2	20.15		
1.4	64QAM	6	0	19.91	20.07	19.91	21	1
1.4	256QAM	1	0	18.04	18.08	18.01	19	3
1.4	256QAM	1	3	18.03	18.20	18.12		
1.4	256QAM	1	5	18.06	18.25	18.11		
1.4	256QAM	3	0	18.02	18.17	18.11		
1.4	256QAM	3	1	18.13	18.19	18.15		
1.4	256QAM	3	3	18.05	18.15	18.08		
1.4	256QAM	6	0	18.16	18.14	18.07	19	3

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.89	21.98	21.87	23.5	0
10	QPSK	1	25	21.84	21.95	21.83		
10	QPSK	1	49	21.81	21.91	21.79		
10	QPSK	25	0	21.87	21.93	21.91	23.5	0
10	QPSK	25	12	21.84	21.89	21.78		
10	QPSK	25	25	21.79	21.87	21.73		
10	QPSK	50	0	21.71	21.88	21.68		
10	16QAM	1	0	21.84	21.92	21.84	23.5	0
10	16QAM	1	25	21.82	21.84	21.77		
10	16QAM	1	49	21.72	21.88	21.76		
10	16QAM	25	0	21.44	21.54	21.44	23	0.5
10	16QAM	25	12	21.48	21.49	21.4		
10	16QAM	25	25	21.35	21.46	21.36		
10	16QAM	50	0	21.29	21.42	21.3		
10	64QAM	1	0	21.48	21.53	21.48	23	0.5
10	64QAM	1	25	21.41	21.56	21.42		
10	64QAM	1	49	21.37	21.46	21.41		
10	64QAM	25	0	20.45	20.56	20.45	22	1.5
10	64QAM	25	12	20.39	20.42	20.38		
10	64QAM	25	25	20.42	20.41	20.36		
10	64QAM	50	0	20.27	20.5	20.26		
10	256QAM	1	0	18.42	18.44	18.40	20	3.5
10	256QAM	1	25	18.37	18.39	18.32		
10	256QAM	1	49	18.26	18.38	18.35		
10	256QAM	25	0	18.40	18.44	18.40	20	3.5
10	256QAM	25	12	18.30	18.38	18.25		
10	256QAM	25	25	18.40	18.43	18.34		
10	256QAM	50	0	18.30	18.41	18.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.95	21.89	21.91	23.5	0
5	QPSK	1	12	21.83	21.9	21.86		
5	QPSK	1	24	21.84	21.87	21.9		
5	QPSK	12	0	21.87	21.91	21.84	23.5	0
5	QPSK	12	7	21.78	21.78	21.81		
5	QPSK	12	13	21.74	21.85	21.8		
5	QPSK	25	0	21.76	21.79	21.79		
5	16QAM	1	0	21.9	21.8	21.9	23.5	0
5	16QAM	1	12	21.76	21.75	21.77		
5	16QAM	1	24	21.81	21.75	21.78		
5	16QAM	12	0	21.41	21.42	21.42	23	0.5
5	16QAM	12	7	21.43	21.38	21.46		
5	16QAM	12	13	21.39	21.44	21.4		
5	16QAM	25	0	21.37	21.34	21.39		
5	64QAM	1	0	21.38	21.43	21.38	23	0.5
5	64QAM	1	12	21.45	21.47	21.5		
5	64QAM	1	24	21.4	21.38	21.44		
5	64QAM	12	0	20.51	20.49	20.53	22	1.5
5	64QAM	12	7	20.37	20.4	20.39		
5	64QAM	12	13	20.32	20.39	20.36		
5	64QAM	25	0	20.45	20.42	20.45		
5	256QAM	1	0	18.35	18.39	18.31	20	3.5
5	256QAM	1	12	18.32	18.28	18.21		
5	256QAM	1	24	18.36	18.18	18.29		
5	256QAM	12	0	18.25	18.27	18.32	20	3.5
5	256QAM	12	7	18.31	18.35	18.31		
5	256QAM	12	13	18.23	18.41	18.38		
5	256QAM	25	0	18.31	18.26	18.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.96	21.86	21.89	23.5	0
3	QPSK	1	8	21.9	21.85	21.88		
3	QPSK	1	14	21.79	21.78	21.82		
3	QPSK	8	0	21.92	21.84	21.89	23.5	0
3	QPSK	8	4	21.8	21.81	21.77		
3	QPSK	8	7	21.78	21.81	21.74		
3	QPSK	15	0	21.8	21.79	21.85		
3	16QAM	1	0	21.82	21.88	21.85	23.5	0
3	16QAM	1	8	21.75	21.73	21.77		
3	16QAM	1	14	21.78	21.86	21.79		
3	16QAM	8	0	21.5	21.47	21.43	23	0.5
3	16QAM	8	4	21.39	21.38	21.43		
3	16QAM	8	7	21.37	21.45	21.33		
3	16QAM	15	0	21.37	21.36	21.3		
3	64QAM	1	0	21.46	21.47	21.51	23	0.5
3	64QAM	1	8	21.51	21.41	21.45		
3	64QAM	1	14	21.35	21.37	21.31		
3	64QAM	8	0	20.49	20.51	20.51	22	1.5
3	64QAM	8	4	20.38	20.35	20.32		
3	64QAM	8	7	20.34	20.37	20.35		
3	64QAM	15	0	20.45	20.45	20.43		
3	256QAM	1	0	18.27	18.38	18.40	20	3.5
3	256QAM	1	8	18.21	18.21	18.32		
3	256QAM	1	14	18.23	18.30	18.23		
3	256QAM	8	0	18.31	18.30	18.26	20	3.5
3	256QAM	8	4	18.30	18.27	18.26		
3	256QAM	8	7	18.31	18.39	18.29		
3	256QAM	15	0	18.23	18.34	18.21		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.87	21.86	21.87	23.5	0
1.4	QPSK	1	3	21.87	21.86	21.94		
1.4	QPSK	1	5	21.85	21.84	21.9		
1.4	QPSK	3	0	21.84	21.88	21.89		
1.4	QPSK	3	1	21.78	21.82	21.85		
1.4	QPSK	3	3	21.74	21.79	21.83		
1.4	QPSK	6	0	21.79	21.78	21.79	23.5	0
1.4	16QAM	1	0	21.86	21.91	21.91	23.5	0
1.4	16QAM	1	3	21.72	21.74	21.74		
1.4	16QAM	1	5	21.81	21.81	21.82		
1.4	16QAM	3	0	21.63	21.68	21.65		
1.4	16QAM	3	1	21.62	21.62	21.57		
1.4	16QAM	3	3	21.65	21.59	21.65		
1.4	16QAM	6	0	21.3	21.31	21.37	23	0.5
1.4	64QAM	1	0	21.47	21.51	21.49	23	0.5
1.4	64QAM	1	3	21.43	21.55	21.53		
1.4	64QAM	1	5	21.37	21.42	21.31		
1.4	64QAM	3	0	21.3	21.32	21.26		
1.4	64QAM	3	1	21.16	21.16	21.15		
1.4	64QAM	3	3	21.12	21.14	21.15		
1.4	64QAM	6	0	20.47	20.45	20.43	22	1.5
1.4	256QAM	1	0	18.28	18.35	18.42	20	3.5
1.4	256QAM	1	3	18.20	18.23	18.31		
1.4	256QAM	1	5	18.36	18.26	18.31		
1.4	256QAM	3	0	18.33	18.42	18.30		
1.4	256QAM	3	1	18.21	18.24	18.18		
1.4	256QAM	3	3	18.26	18.31	18.23		
1.4	256QAM	6	0	18.32	18.37	18.34	20	3.5

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.46	18.5	18.41	19.5	0
20	QPSK	1	49	18.34	18.37	18.24		
20	QPSK	1	99	18.35	18.38	18.34		
20	QPSK	50	0	18.41	18.47	18.37	19.5	0
20	QPSK	50	24	18.26	18.37	18.41		
20	QPSK	50	50	18.27	18.43	18.42		
20	QPSK	100	0	18.37	18.46	18.45		
20	16QAM	1	0	18.37	18.4	18.3	19.5	0
20	16QAM	1	49	18.3	18.35	18.2		
20	16QAM	1	99	18.25	18.34	18.33		
20	16QAM	50	0	18.29	18.35	18.36	19.5	0
20	16QAM	50	24	18.22	18.34	18.29		
20	16QAM	50	50	18.19	18.36	18.34		
20	16QAM	100	0	18.29	18.35	18.42		
20	64QAM	1	0	18.43	18.43	18.38	19.5	0
20	64QAM	1	49	18.32	18.35	18.19		
20	64QAM	1	99	18.31	18.36	18.3		
20	64QAM	50	0	18.31	18.35	18.28	19.5	0
20	64QAM	50	24	18.24	18.27	18.37		
20	64QAM	50	50	18.19	18.41	18.31		
20	64QAM	100	0	18.35	18.44	18.35		
20	256QAM	1	0	18.05	18.07	17.94	19.2	0.3
20	256QAM	1	49	18.05	18.09	18.04		
20	256QAM	1	99	18.07	18.14	18.08		
20	256QAM	50	0	18.09	18.17	18.04	19.2	0.3
20	256QAM	50	24	18.00	18.10	17.98		
20	256QAM	50	50	17.99	18.08	17.95		
20	256QAM	100	0	18.06	18.10	18.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.44	18.48	18.4	19.5	0
15	QPSK	1	37	18.29	18.36	18.26		
15	QPSK	1	74	18.25	18.37	18.32		
15	QPSK	36	0	18.41	18.46	18.44	19.5	0
15	QPSK	36	20	18.36	18.34	18.33		
15	QPSK	36	39	18.3	18.32	18.41		
15	QPSK	75	0	18.4	18.38	18.4		
15	16QAM	1	0	18.37	18.38	18.33	19.5	0
15	16QAM	1	37	18.23	18.33	18.23		
15	16QAM	1	74	18.28	18.26	18.25		
15	16QAM	36	0	18.34	18.28	18.34	19.5	0
15	16QAM	36	20	18.31	18.27	18.26		
15	16QAM	36	39	18.26	18.26	18.24		
15	16QAM	75	0	18.3	18.23	18.29		
15	64QAM	1	0	18.31	18.28	18.37	19.5	0
15	64QAM	1	37	18.28	18.26	18.25		
15	64QAM	1	74	18.33	18.33	18.22		
15	64QAM	36	0	18.34	18.28	18.25	19.5	0
15	64QAM	36	20	18.22	18.19	18.18		
15	64QAM	36	39	18.31	18.37	18.32		
15	64QAM	75	0	18.36	18.39	18.42		
15	256QAM	1	0	17.91	17.94	17.96	19.2	0.3
15	256QAM	1	37	18.08	18.03	17.90		
15	256QAM	1	74	18.02	17.97	18.13		
15	256QAM	36	0	18.03	18.06	18.14	19.2	0.3
15	256QAM	36	20	17.90	18.05	17.97		
15	256QAM	36	39	17.90	18.01	17.95		
15	256QAM	75	0	17.97	17.91	17.91		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.42	18.46	18.4	19.5	0
10	QPSK	1	25	18.36	18.28	18.25		
10	QPSK	1	49	18.28	18.27	18.25		
10	QPSK	25	0	18.35	18.35	18.34	19.5	0
10	QPSK	25	12	18.32	18.36	18.24		
10	QPSK	25	25	18.35	18.36	18.35		
10	QPSK	50	0	18.38	18.37	18.42		
10	16QAM	1	0	18.32	18.27	18.3	19.5	0
10	16QAM	1	25	18.24	18.22	18.26		
10	16QAM	1	49	18.27	18.3	18.25		
10	16QAM	25	0	18.34	18.27	18.24	19.5	0
10	16QAM	25	12	18.32	18.21	18.33		
10	16QAM	25	25	18.34	18.27	18.3		
10	16QAM	50	0	18.32	18.23	18.32		
10	64QAM	1	0	18.35	18.35	18.34	19.5	0
10	64QAM	1	25	18.25	18.24	18.23		
10	64QAM	1	49	18.24	18.31	18.32		
10	64QAM	25	0	18.27	18.27	18.3	19.5	0
10	64QAM	25	12	18.17	18.23	18.21		
10	64QAM	25	25	18.33	18.36	18.38		
10	64QAM	50	0	18.37	18.36	18.34		
10	256QAM	1	0	18.05	17.99	17.94	19.2	0.3
10	256QAM	1	25	17.94	18.01	18.03		
10	256QAM	1	49	18.12	17.96	18.04		
10	256QAM	25	0	18.07	18.15	18.01	19.2	0.3
10	256QAM	25	12	17.92	17.90	18.00		
10	256QAM	25	25	17.98	18.06	18.07		
10	256QAM	50	0	18.02	18.09	18.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.38	18.46	18.49	19.5	0
5	QPSK	1	12	18.33	18.32	18.27		
5	QPSK	1	24	18.36	18.29	18.28		
5	QPSK	12	0	18.44	18.41	18.39	19.5	0
5	QPSK	12	7	18.32	18.24	18.27		
5	QPSK	12	13	18.33	18.42	18.39		
5	QPSK	25	0	18.36	18.34	18.42		
5	16QAM	1	0	18.33	18.31	18.38	19.5	0
5	16QAM	1	12	18.31	18.29	18.3		
5	16QAM	1	24	18.25	18.32	18.28		
5	16QAM	12	0	18.31	18.31	18.25	19.5	0
5	16QAM	12	7	18.29	18.31	18.21		
5	16QAM	12	13	18.26	18.34	18.26		
5	16QAM	25	0	18.29	18.33	18.27		
5	64QAM	1	0	18.34	18.32	18.35	19.5	0
5	64QAM	1	12	18.23	18.29	18.26		
5	64QAM	1	24	18.29	18.28	18.25		
5	64QAM	12	0	18.33	18.34	18.28	19.5	0
5	64QAM	12	7	18.24	18.2	18.18		
5	64QAM	12	13	18.31	18.32	18.32		
5	64QAM	25	0	18.42	18.38	18.35		
5	256QAM	1	0	17.99	17.87	17.93	19.2	0.3
5	256QAM	1	12	18.05	17.95	18.08		
5	256QAM	1	24	17.95	18.09	18.02		
5	256QAM	12	0	18.08	18.05	18.12	19.2	0.3
5	256QAM	12	7	18.04	17.99	18.01		
5	256QAM	12	13	17.89	17.93	18.00		
5	256QAM	25	0	17.93	18.03	18.00		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.97	20.07	20.05	21.2	0
20	QPSK	1	49	19.89	19.83	19.84		
20	QPSK	1	99	19.95	19.96	19.93		
20	QPSK	50	0	19.95	20.01	19.93	21.2	0
20	QPSK	50	24	19.91	19.94	19.83		
20	QPSK	50	50	19.82	19.83	19.91		
20	QPSK	100	0	19.89	19.95	19.84		
20	16QAM	1	0	19.86	19.88	19.85	21.2	0
20	16QAM	1	49	19.85	19.87	19.88		
20	16QAM	1	99	19.9	19.88	19.9		
20	16QAM	50	0	19.89	20.04	20.03	21.2	0
20	16QAM	50	24	19.87	19.73	19.81		
20	16QAM	50	50	19.85	19.86	19.85		
20	16QAM	100	0	19.74	19.9	19.7		
20	64QAM	1	0	19.92	19.95	19.72	21.2	0
20	64QAM	1	49	19.81	19.78	19.85		
20	64QAM	1	99	19.81	19.93	19.82		
20	64QAM	50	0	19.95	20.03	20.04	21.2	0
20	64QAM	50	24	19.85	19.81	19.77		
20	64QAM	50	50	19.88	19.85	19.92		
20	64QAM	100	0	19.78	19.84	19.71		
20	256QAM	1	0	17.94	17.93	17.79	19.2	2
20	256QAM	1	49	17.81	17.82	17.88		
20	256QAM	1	99	17.78	17.83	17.81		
20	256QAM	50	0	17.84	17.85	17.80	19.2	2
20	256QAM	50	24	17.81	17.78	17.79		
20	256QAM	50	50	17.81	17.76	17.87		
20	256QAM	100	0	17.93	18.17	18.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.93	19.99	19.95	21.2	0
15	QPSK	1	37	19.83	19.76	19.81		
15	QPSK	1	74	19.91	19.92	19.9		
15	QPSK	36	0	19.88	19.99	19.89	21.2	0
15	QPSK	36	20	19.85	19.84	19.81		
15	QPSK	36	39	19.75	19.77	19.89		
15	QPSK	75	0	19.82	19.85	19.78		
15	16QAM	1	0	19.8	19.78	19.79	21.2	0
15	16QAM	1	37	19.83	19.83	19.82		
15	16QAM	1	74	19.8	19.86	19.87		
15	16QAM	36	0	19.79	20	19.94	21.2	0
15	16QAM	36	20	19.8	19.7	19.75		
15	16QAM	36	39	19.77	19.84	19.78		
15	16QAM	75	0	19.7	19.89	19.67		
15	64QAM	1	0	19.83	19.93	19.66	21.2	0
15	64QAM	1	37	19.76	19.77	19.8		
15	64QAM	1	74	19.8	19.86	19.73		
15	64QAM	36	0	19.85	19.93	20.02	21.2	0
15	64QAM	36	20	19.83	19.76	19.68		
15	64QAM	36	39	19.78	19.78	19.85		
15	64QAM	75	0	19.72	19.76	19.67		
15	256QAM	1	0	17.86	17.83	17.70	19.2	2
15	256QAM	1	37	17.74	17.73	17.86		
15	256QAM	1	74	17.75	17.77	17.72		
15	256QAM	36	0	17.79	17.81	17.75	19.2	2
15	256QAM	36	20	17.71	17.74	17.75		
15	256QAM	36	39	17.72	17.75	17.86		
15	256QAM	75	0	17.85	18.11	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.95	20.03	20.03	21.2	0
10	QPSK	1	25	19.81	19.77	19.8		
10	QPSK	1	49	19.86	19.92	19.88		
10	QPSK	25	0	19.87	19.92	19.88	21.2	0
10	QPSK	25	12	19.86	19.93	19.73		
10	QPSK	25	25	19.77	19.81	19.87		
10	QPSK	50	0	19.87	19.85	19.8		
10	16QAM	1	0	19.8	19.78	19.76	21.2	0
10	16QAM	1	25	19.83	19.81	19.79		
10	16QAM	1	49	19.84	19.87	19.84		
10	16QAM	25	0	19.83	19.99	20.01	21.2	0
10	16QAM	25	12	19.85	19.7	19.74		
10	16QAM	25	25	19.76	19.77	19.83		
10	16QAM	50	0	19.7	19.82	19.6		
10	64QAM	1	0	19.89	19.87	19.69	21.2	0
10	64QAM	1	25	19.8	19.71	19.83		
10	64QAM	1	49	19.79	19.88	19.72		
10	64QAM	25	0	19.94	19.93	19.98	21.2	0
10	64QAM	25	12	19.75	19.76	19.74		
10	64QAM	25	25	19.8	19.8	19.82		
10	64QAM	50	0	19.7	19.81	19.69		
10	256QAM	1	0	17.88	17.91	17.77	19.2	2
10	256QAM	1	25	17.76	17.74	17.83		
10	256QAM	1	49	17.72	17.77	17.75		
10	256QAM	25	0	17.83	17.84	17.75	19.2	2
10	256QAM	25	12	17.78	17.71	17.74		
10	256QAM	25	25	17.73	17.68	17.84		
10	256QAM	50	0	17.88	18.16	18.00		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.96	20	20.02	21.2	0
5	QPSK	1	12	19.79	19.78	19.78		
5	QPSK	1	24	19.87	19.93	19.92		
5	QPSK	12	0	19.94	19.91	19.89	21.2	0
5	QPSK	12	7	19.9	19.89	19.75		
5	QPSK	12	13	19.75	19.81	19.88		
5	QPSK	25	0	19.85	19.94	19.77		
5	16QAM	1	0	19.79	19.82	19.84	21.2	0
5	16QAM	1	12	19.75	19.83	19.79		
5	16QAM	1	24	19.83	19.87	19.87		
5	16QAM	12	0	19.79	19.94	20.01	21.2	0
5	16QAM	12	7	19.79	19.72	19.79		
5	16QAM	12	13	19.8	19.81	19.81		
5	16QAM	25	0	19.73	19.82	19.68		
5	64QAM	1	0	19.87	19.89	19.63	21.2	0
5	64QAM	1	12	19.75	19.69	19.83		
5	64QAM	1	24	19.77	19.83	19.75		
5	64QAM	12	0	19.94	20.01	20.01	21.2	0
5	64QAM	12	7	19.8	19.74	19.68		
5	64QAM	12	13	19.81	19.8	19.84		
5	64QAM	25	0	19.73	19.81	19.68		
5	256QAM	1	0	17.88	17.88	17.75	19.2	2
5	256QAM	1	12	17.76	17.79	17.87		
5	256QAM	1	24	17.74	17.76	17.73		
5	256QAM	12	0	17.77	17.80	17.75	19.2	2
5	256QAM	12	7	17.78	17.72	17.73		
5	256QAM	12	13	17.75	17.74	17.82		
5	256QAM	25	0	17.85	18.16	18.01		

Band 7_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.01	19.13	19.06	20.2	0
20	QPSK	1	49	18.87	18.9	18.77		
20	QPSK	1	99	18.89	18.97	18.85		
20	QPSK	50	0	18.89	19.03	18.92	20.2	0
20	QPSK	50	24	18.9	19.02	18.96		
20	QPSK	50	50	18.96	19	18.99		
20	QPSK	100	0	18.93	18.94	18.9		
20	16QAM	1	0	18.96	19.01	18.82	20.2	0
20	16QAM	1	49	18.74	18.77	18.78		
20	16QAM	1	99	18.9	19.06	18.97		
20	16QAM	50	0	18.78	18.91	18.88	20.2	0
20	16QAM	50	24	18.84	18.97	18.83		
20	16QAM	50	50	18.83	18.96	18.89		
20	16QAM	100	0	18.87	18.93	18.87		
20	64QAM	1	0	18.83	18.89	18.79	20.2	0
20	64QAM	1	49	18.87	18.89	18.74		
20	64QAM	1	99	18.7	18.73	18.74		
20	64QAM	50	0	17.84	17.82	17.82	19.2	1
20	64QAM	50	24	17.89	17.92	17.74		
20	64QAM	50	50	17.72	17.72	17.74		
20	64QAM	100	0	17.89	17.96	17.87		
20	256QAM	1	0	15.66	15.81	15.82	17.2	3
20	256QAM	1	49	15.77	15.89	15.81		
20	256QAM	1	99	15.82	15.87	15.86		
20	256QAM	50	0	15.78	15.85	15.82	17.2	3
20	256QAM	50	24	15.75	15.85	15.76		
20	256QAM	50	50	15.86	15.87	15.62		
20	256QAM	100	0	15.61	15.69	15.67		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.91	19.02	19.01	20.2	0
15	QPSK	1	37	18.81	18.84	18.7		
15	QPSK	1	74	18.87	18.86	18.83		
15	QPSK	36	0	18.87	18.98	18.88	20.2	0
15	QPSK	36	20	18.83	18.96	18.85		
15	QPSK	36	39	18.85	18.97	18.93		
15	QPSK	75	0	18.84	18.93	18.85		
15	16QAM	1	0	18.84	18.97	18.7	20.2	0
15	16QAM	1	37	18.73	18.65	18.67		
15	16QAM	1	74	18.81	18.98	18.88		
15	16QAM	36	0	18.67	18.83	18.84	20.2	0
15	16QAM	36	20	18.81	18.85	18.77		
15	16QAM	36	39	18.71	18.95	18.79		
15	16QAM	75	0	18.77	18.84	18.78		
15	64QAM	1	0	18.78	18.79	18.74	20.2	0
15	64QAM	1	37	18.82	18.79	18.73		
15	64QAM	1	74	18.62	18.66	18.62		
15	64QAM	36	0	17.72	17.81	17.79	19.2	1
15	64QAM	36	20	17.88	17.85	17.72		
15	64QAM	36	39	17.64	17.6	17.67		
15	64QAM	75	0	17.81	17.92	17.76		
15	256QAM	1	0	15.65	15.71	15.80	17.2	3
15	256QAM	1	37	15.76	15.80	15.80		
15	256QAM	1	74	15.70	15.76	15.77		
15	256QAM	36	0	15.76	15.80	15.75	17.2	3
15	256QAM	36	20	15.64	15.79	15.69		
15	256QAM	36	39	15.75	15.84	15.61		
15	256QAM	75	0	15.60	15.63	15.61		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.9	19.12	19.05	20.2	0
10	QPSK	1	25	18.85	18.86	18.65		
10	QPSK	1	49	18.83	18.85	18.8		
10	QPSK	25	0	18.82	18.92	18.9	20.2	0
10	QPSK	25	12	18.86	18.9	18.91		
10	QPSK	25	25	18.88	18.91	18.92		
10	QPSK	50	0	18.86	18.9	18.88		
10	16QAM	1	0	18.86	18.96	18.78	20.2	0
10	16QAM	1	25	18.64	18.73	18.67		
10	16QAM	1	49	18.83	18.98	18.88		
10	16QAM	25	0	18.74	18.83	18.85	20.2	0
10	16QAM	25	12	18.76	18.92	18.73		
10	16QAM	25	25	18.78	18.91	18.83		
10	16QAM	50	0	18.76	18.87	18.79		
10	64QAM	1	0	18.76	18.85	18.78	20.2	0
10	64QAM	1	25	18.83	18.81	18.66		
10	64QAM	1	49	18.61	18.62	18.63		
10	64QAM	25	0	17.72	17.7	17.73	19.2	1
10	64QAM	25	12	17.8	17.9	17.72		
10	64QAM	25	25	17.61	17.63	17.68		
10	64QAM	50	0	17.82	17.92	17.76		
10	256QAM	1	0	15.55	15.71	15.74	17.2	3
10	256QAM	1	25	15.69	15.85	15.71		
10	256QAM	1	49	15.71	15.77	15.85		
10	256QAM	25	0	15.68	15.77	15.72	17.2	3
10	256QAM	25	12	15.71	15.80	15.70		
10	256QAM	25	25	15.85	15.81	15.59		
10	256QAM	50	0	15.54	15.62	15.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.96	19.04	18.99	20.2	0
5	QPSK	1	12	18.78	18.88	18.71		
5	QPSK	1	24	18.85	18.87	18.82		
5	QPSK	12	0	18.84	19.02	18.88	20.2	0
5	QPSK	12	7	18.85	18.91	18.92		
5	QPSK	12	13	18.92	18.91	18.96		
5	QPSK	25	0	18.88	18.86	18.83		
5	16QAM	1	0	18.88	19	18.78	20.2	0
5	16QAM	1	12	18.62	18.74	18.74		
5	16QAM	1	24	18.79	19.03	18.95		
5	16QAM	12	0	18.76	18.9	18.84	20.2	0
5	16QAM	12	7	18.81	18.9	18.82		
5	16QAM	12	13	18.8	18.88	18.79		
5	16QAM	25	0	18.81	18.87	18.78		
5	64QAM	1	0	18.77	18.78	18.69	20.2	0
5	64QAM	1	12	18.78	18.81	18.72		
5	64QAM	1	24	18.65	18.66	18.72		
5	64QAM	12	0	17.73	17.73	17.72	19.2	1
5	64QAM	12	7	17.81	17.81	17.72		
5	64QAM	12	13	17.64	17.65	17.7		
5	64QAM	25	0	17.86	17.92	17.82		
5	256QAM	1	0	15.56	15.78	15.72	17.2	3
5	256QAM	1	12	15.65	15.80	15.77		
5	256QAM	1	24	15.74	15.85	15.80		
5	256QAM	12	0	15.71	15.81	15.73	17.2	3
5	256QAM	12	7	15.67	15.79	15.66		
5	256QAM	12	13	15.85	15.79	15.57		
5	256QAM	25	0	15.51	15.59	15.58		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.79	21.91	21.85	23	0
10	QPSK	1	25	21.67	21.87	21.73		
10	QPSK	1	49	21.57	21.75	21.65		
10	QPSK	25	0	21.57	21.83	21.61	23	0
10	QPSK	25	12	21.58	21.77	21.65		
10	QPSK	25	25	21.57	21.79	21.66		
10	QPSK	50	0	21.62	21.79	21.69		
10	16QAM	1	0	21.77	21.88	21.81	23	0
10	16QAM	1	25	21.6	21.83	21.65		
10	16QAM	1	49	21.54	21.72	21.56		
10	16QAM	25	0	21.45	21.77	21.5	23	0
10	16QAM	25	12	21.57	21.68	21.55		
10	16QAM	25	25	21.49	21.71	21.65		
10	16QAM	50	0	21.56	21.73	21.57		
10	64QAM	1	0	21.68	21.85	21.73	23	0
10	64QAM	1	25	21.65	21.79	21.63		
10	64QAM	1	49	21.54	21.7	21.59		
10	64QAM	25	0	20.5	20.81	20.58	22	1
10	64QAM	25	12	20.47	20.73	20.61		
10	64QAM	25	25	20.45	20.73	20.64		
10	64QAM	50	0	20.5	20.67	20.59		
10	256QAM	1	0	18.81	18.90	18.89	20	3
10	256QAM	1	25	18.82	18.89	18.77		
10	256QAM	1	49	18.69	18.81	18.80		
10	256QAM	25	0	18.78	18.79	18.68	20	3
10	256QAM	25	12	18.82	18.85	18.79		
10	256QAM	25	25	18.75	18.79	18.73		
10	256QAM	50	0	18.78	18.85	18.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.89	21.82	21.85	23	0
5	QPSK	1	12	21.82	21.81	21.85		
5	QPSK	1	24	21.65	21.72	21.66		
5	QPSK	12	0	21.77	21.76	21.81	23	0
5	QPSK	12	7	21.64	21.67	21.67		
5	QPSK	12	13	21.69	21.77	21.77		
5	QPSK	25	0	21.68	21.69	21.69		
5	16QAM	1	0	21.84	21.86	21.84	23	0
5	16QAM	1	12	21.76	21.8	21.79		
5	16QAM	1	24	21.67	21.67	21.69		
5	16QAM	12	0	21.76	21.64	21.73	23	0
5	16QAM	12	7	21.61	21.63	21.57		
5	16QAM	12	13	21.59	21.58	21.59		
5	16QAM	25	0	21.71	21.65	21.69		
5	64QAM	1	0	21.81	21.8	21.79	23	0
5	64QAM	1	12	21.75	21.77	21.77		
5	64QAM	1	24	21.65	21.62	21.68		
5	64QAM	12	0	20.77	20.72	20.72	22	1
5	64QAM	12	7	20.67	20.7	20.72		
5	64QAM	12	13	20.72	20.65	20.68		
5	64QAM	25	0	20.58	20.6	20.65		
5	256QAM	1	0	18.80	18.86	18.71	20	3
5	256QAM	1	12	18.77	18.84	18.83		
5	256QAM	1	24	18.74	18.64	18.61		
5	256QAM	12	0	18.65	18.66	18.78	20	3
5	256QAM	12	7	18.77	18.79	18.79		
5	256QAM	12	13	18.73	18.70	18.74		
5	256QAM	25	0	18.71	18.78	18.70		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.81	21.83	21.82	23	0
3	QPSK	1	8	21.84	21.76	21.84		
3	QPSK	1	14	21.64	21.66	21.63		
3	QPSK	8	0	21.72	21.78	21.75	23	0
3	QPSK	8	4	21.69	21.76	21.71		
3	QPSK	8	7	21.72	21.75	21.72		
3	QPSK	15	0	21.66	21.67	21.75		
3	16QAM	1	0	21.8	21.86	21.78	23	0
3	16QAM	1	8	21.7	21.72	21.75		
3	16QAM	1	14	21.63	21.62	21.67		
3	16QAM	8	0	21.65	21.74	21.7	23	0
3	16QAM	8	4	21.55	21.65	21.65		
3	16QAM	8	7	21.58	21.7	21.65		
3	16QAM	15	0	21.62	21.7	21.66		
3	64QAM	1	0	21.79	21.8	21.81	23	0
3	64QAM	1	8	21.66	21.72	21.64		
3	64QAM	1	14	21.68	21.55	21.69		
3	64QAM	8	0	20.74	20.72	20.79	22	1
3	64QAM	8	4	20.72	20.7	20.64		
3	64QAM	8	7	20.63	20.72	20.69		
3	64QAM	15	0	20.59	20.62	20.62		
3	256QAM	1	0	18.72	18.82	18.74	20	3
3	256QAM	1	8	18.83	18.86	18.88		
3	256QAM	1	14	18.70	18.72	18.75		
3	256QAM	8	0	18.68	18.65	18.70	20	3
3	256QAM	8	4	18.71	18.74	18.80		
3	256QAM	8	7	18.73	18.59	18.76		
3	256QAM	15	0	18.75	18.65	18.84		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.81	21.79	21.87	23	0
1.4	QPSK	1	3	21.82	21.86	21.78		
1.4	QPSK	1	5	21.72	21.62	21.71		
1.4	QPSK	3	0	21.71	21.75	21.71		
1.4	QPSK	3	1	21.76	21.65	21.75		
1.4	QPSK	3	3	21.77	21.76	21.7		
1.4	QPSK	6	0	21.7	21.76	21.77	23	0
1.4	16QAM	1	0	21.77	21.75	21.81	23	0
1.4	16QAM	1	3	21.73	21.77	21.72		
1.4	16QAM	1	5	21.64	21.67	21.65		
1.4	16QAM	3	0	21.76	21.7	21.66		
1.4	16QAM	3	1	21.59	21.62	21.62		
1.4	16QAM	3	3	21.6	21.69	21.64		
1.4	16QAM	6	0	21.67	21.66	21.72	23	0
1.4	64QAM	1	0	21.81	21.82	21.78	23	0
1.4	64QAM	1	3	21.69	21.78	21.78		
1.4	64QAM	1	5	21.6	21.58	21.62		
1.4	64QAM	3	0	21.46	21.44	21.44		
1.4	64QAM	3	1	21.4	21.39	21.37		
1.4	64QAM	3	3	21.42	21.4	21.37		
1.4	64QAM	6	0	20.64	20.65	20.58	22	1
1.4	256QAM	1	0	18.75	18.89	18.84	20	3
1.4	256QAM	1	3	18.77	18.83	18.81		
1.4	256QAM	1	5	18.75	18.63	18.70		
1.4	256QAM	3	0	18.66	18.68	18.64		
1.4	256QAM	3	1	18.79	18.81	18.81		
1.4	256QAM	3	3	18.67	18.62	18.67		
1.4	256QAM	6	0	18.74	18.80	18.66	20	3

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.03		23	0
10	QPSK	1	25		22.01			
10	QPSK	1	49		21.94			
10	QPSK	25	0		22.02		23	0
10	QPSK	25	12		21.94			
10	QPSK	25	25		21.97			
10	QPSK	50	0		21.93			
10	16QAM	1	0		22.01		23	0
10	16QAM	1	25		21.9			
10	16QAM	1	49		21.9			
10	16QAM	25	0		21.91		23	0
10	16QAM	25	12		21.9			
10	16QAM	25	25		21.95			
10	16QAM	50	0		21.82			
10	64QAM	1	0		22.02		23	0
10	64QAM	1	25		22			
10	64QAM	1	49		21.9			
10	64QAM	25	0		21.08		22	1
10	64QAM	25	12		21.02			
10	64QAM	25	25		21.1			
10	64QAM	50	0		21.1			
10	256QAM	1	0		18.92		20	3
10	256QAM	1	25		18.90			
10	256QAM	1	49		19.01			
10	256QAM	25	0		18.90		20	3
10	256QAM	25	12		18.99			
10	256QAM	25	25		18.98			
10	256QAM	50	0		18.95			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.9	21.96	21.92	23	0
5	QPSK	1	12	22	21.91	21.89		
5	QPSK	1	24	21.92	21.83	21.81		
5	QPSK	12	0	21.96	21.86	21.89	23	0
5	QPSK	12	7	21.84	21.86	21.87		
5	QPSK	12	13	21.92	21.93	21.92		
5	QPSK	25	0	21.85	21.86	21.87		
5	16QAM	1	0	21.96	21.91	21.88	23	0
5	16QAM	1	12	21.84	21.81	21.85		
5	16QAM	1	24	21.89	21.78	21.77		
5	16QAM	12	0	21.8	21.88	21.81	23	0
5	16QAM	12	7	21.88	21.86	21.82		
5	16QAM	12	13	21.84	21.9	21.86		
5	16QAM	25	0	21.72	21.77	21.74		
5	64QAM	1	0	21.88	21.97	21.88	23	0
5	64QAM	1	12	21.85	21.88	21.88		
5	64QAM	1	24	21.88	21.77	21.8		
5	64QAM	12	0	21.06	20.99	21.05	22	1
5	64QAM	12	7	20.92	20.94	20.99		
5	64QAM	12	13	21.03	21.01	21.05		
5	64QAM	25	0	21.03	21.06	21.08		
5	256QAM	1	0	18.73	18.73	18.87	20	3
5	256QAM	1	12	18.72	18.73	18.72		
5	256QAM	1	24	18.86	18.88	19.00		
5	256QAM	12	0	18.77	18.85	18.84	20	3
5	256QAM	12	7	18.85	18.92	18.94		
5	256QAM	12	13	18.78	18.87	18.89		
5	256QAM	25	0	18.80	18.82	18.94		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.74	21.84	21.81	23	0
10	QPSK	1	25	21.67	21.76	21.73		
10	QPSK	1	49	21.6	21.72	21.69		
10	QPSK	25	0	21.67	21.79	21.71	23	0
10	QPSK	25	12	21.65	21.75	21.62		
10	QPSK	25	25	21.64	21.7	21.7		
10	QPSK	50	0	21.6	21.69	21.63		
10	16QAM	1	0	21.72	21.74	21.71	23	0
10	16QAM	1	25	21.6	21.68	21.72		
10	16QAM	1	49	21.57	21.61	21.6		
10	16QAM	25	0	21.61	21.69	21.67	23	0
10	16QAM	25	12	21.58	21.72	21.59		
10	16QAM	25	25	21.62	21.58	21.6		
10	16QAM	50	0	21.54	21.59	21.52		
10	64QAM	1	0	21.63	21.82	21.7	23	0
10	64QAM	1	25	21.62	21.66	21.61		
10	64QAM	1	49	21.53	21.61	21.63		
10	64QAM	25	0	20.69	20.79	20.75	22	1
10	64QAM	25	12	20.68	20.78	20.71		
10	64QAM	25	25	20.71	20.69	20.7		
10	64QAM	50	0	20.58	20.74	20.61		
10	256QAM	1	0	18.66	18.76	18.65	20	3
10	256QAM	1	25	18.68	18.74	18.67		
10	256QAM	1	49	18.74	18.82	18.80		
10	256QAM	25	0	18.67	18.75	18.63	20	3
10	256QAM	25	12	18.72	18.75	18.74		
10	256QAM	25	25	18.70	18.81	18.77		
10	256QAM	50	0	18.75	18.79	18.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.83	21.82	21.72	23	0
5	QPSK	1	12	21.72	21.72	21.74		
5	QPSK	1	24	21.65	21.68	21.63		
5	QPSK	12	0	21.74	21.72	21.76	23	0
5	QPSK	12	7	21.73	21.7	21.64		
5	QPSK	12	13	21.67	21.58	21.64		
5	QPSK	25	0	21.62	21.6	21.57		
5	16QAM	1	0	21.7	21.73	21.72	23	0
5	16QAM	1	12	21.65	21.6	21.55		
5	16QAM	1	24	21.56	21.56	21.5		
5	16QAM	12	0	21.64	21.57	21.56	23	0
5	16QAM	12	7	21.65	21.71	21.66		
5	16QAM	12	13	21.5	21.57	21.56		
5	16QAM	25	0	21.57	21.49	21.46		
5	64QAM	1	0	21.7	21.69	21.74	23	0
5	64QAM	1	12	21.55	21.56	21.51		
5	64QAM	1	24	21.47	21.56	21.47		
5	64QAM	12	0	20.69	20.7	20.71	22	1
5	64QAM	12	7	20.73	20.68	20.74		
5	64QAM	12	13	20.65	20.61	20.66		
5	64QAM	25	0	20.66	20.71	20.66		
5	256QAM	1	0	18.69	18.66	18.72	20	3
5	256QAM	1	12	18.61	18.55	18.58		
5	256QAM	1	24	18.67	18.70	18.65		
5	256QAM	12	0	18.60	18.63	18.64	20	3
5	256QAM	12	7	18.62	18.57	18.55		
5	256QAM	12	13	18.79	18.69	18.63		
5	256QAM	25	0	18.67	18.78	18.66		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.64	19.75	19.71	20.5	0
20	QPSK	1	49	19.54	19.64	19.61		
20	QPSK	1	99	19.48	19.57	19.5		
20	QPSK	50	0	19.47	19.68	19.55	20.5	0
20	QPSK	50	24	19.58	19.67	19.55		
20	QPSK	50	50	19.49	19.65	19.5		
20	QPSK	100	0	19.49	19.64	19.58		
20	16QAM	1	0	19.56	19.73	19.6	20.5	0
20	16QAM	1	49	19.49	19.54	19.5		
20	16QAM	1	99	19.39	19.55	19.38		
20	16QAM	50	0	19.4	19.64	19.54	20.5	0
20	16QAM	50	24	19.46	19.55	19.45		
20	16QAM	50	50	19.38	19.59	19.48		
20	16QAM	100	0	19.48	19.6	19.49		
20	64QAM	1	0	19.58	19.7	19.64	20.5	0
20	64QAM	1	49	19.45	19.61	19.57		
20	64QAM	1	99	19.41	19.55	19.42		
20	64QAM	50	0	19.37	19.59	19.45	20.5	0
20	64QAM	50	24	19.46	19.65	19.45		
20	64QAM	50	50	19.37	19.59	19.44		
20	64QAM	100	0	19.38	19.59	19.46		
20	256QAM	1	0	19.05	19.06	18.94	19.9	0.6
20	256QAM	1	49	19.04	19.14	19.04		
20	256QAM	1	99	19.05	19.12	18.99		
20	256QAM	50	0	19.09	19.12	19.02	19.9	0.6
20	256QAM	50	24	18.98	19.05	18.98		
20	256QAM	50	50	18.93	19.04	19.01		
20	256QAM	100	0	19.05	19.13	19.02		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.67	19.7	19.72	20.5	0
15	QPSK	1	37	19.55	19.56	19.55		
15	QPSK	1	74	19.46	19.53	19.56		
15	QPSK	36	0	19.66	19.65	19.59	20.5	0
15	QPSK	36	20	19.56	19.62	19.6		
15	QPSK	36	39	19.64	19.57	19.52		
15	QPSK	75	0	19.56	19.62	19.58		
15	16QAM	1	0	19.65	19.65	19.68	20.5	0
15	16QAM	1	37	19.47	19.47	19.42		
15	16QAM	1	74	19.54	19.48	19.52		
15	16QAM	36	0	19.52	19.51	19.53	20.5	0
15	16QAM	36	20	19.49	19.49	19.53		
15	16QAM	36	39	19.56	19.52	19.55		
15	16QAM	75	0	19.5	19.59	19.52		
15	64QAM	1	0	19.69	19.59	19.64	20.5	0
15	64QAM	1	37	19.55	19.51	19.49		
15	64QAM	1	74	19.42	19.43	19.4		
15	64QAM	36	0	19.56	19.56	19.58	20.5	0
15	64QAM	36	20	19.55	19.58	19.6		
15	64QAM	36	39	19.56	19.54	19.52		
15	64QAM	75	0	19.56	19.57	19.49		
15	256QAM	1	0	18.96	18.87	18.95	19.9	0.6
15	256QAM	1	37	19.12	18.96	19.11		
15	256QAM	1	74	19.10	19.07	18.95		
15	256QAM	36	0	19.07	18.97	18.98	19.9	0.6
15	256QAM	36	20	18.85	18.86	19.00		
15	256QAM	36	39	18.84	18.85	18.99		
15	256QAM	75	0	19.00	19.05	18.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.68	19.64	19.67	20.5	0
10	QPSK	1	25	19.56	19.51	19.56		
10	QPSK	1	49	19.5	19.46	19.51		
10	QPSK	25	0	19.62	19.58	19.57	20.5	0
10	QPSK	25	12	19.59	19.57	19.63		
10	QPSK	25	25	19.53	19.57	19.52		
10	QPSK	50	0	19.58	19.59	19.54		
10	16QAM	1	0	19.62	19.64	19.6	20.5	0
10	16QAM	1	25	19.51	19.42	19.41		
10	16QAM	1	49	19.47	19.47	19.48		
10	16QAM	25	0	19.61	19.56	19.55	20.5	0
10	16QAM	25	12	19.51	19.49	19.45		
10	16QAM	25	25	19.55	19.58	19.57		
10	16QAM	50	0	19.48	19.53	19.56		
10	64QAM	1	0	19.59	19.66	19.58	20.5	0
10	64QAM	1	25	19.56	19.5	19.5		
10	64QAM	1	49	19.5	19.51	19.5		
10	64QAM	25	0	19.54	19.52	19.52	20.5	0
10	64QAM	25	12	19.59	19.58	19.55		
10	64QAM	25	25	19.52	19.58	19.58		
10	64QAM	50	0	19.5	19.5	19.58		
10	256QAM	1	0	18.92	18.96	18.96	19.9	0.6
10	256QAM	1	25	18.96	19.10	18.96		
10	256QAM	1	49	18.93	18.94	19.00		
10	256QAM	25	0	19.06	18.98	19.00	19.9	0.6
10	256QAM	25	12	18.87	18.89	18.93		
10	256QAM	25	25	18.90	18.92	19.02		
10	256QAM	50	0	19.08	18.98	19.09		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.66	19.67	19.67	20.5	0
5	QPSK	1	12	19.51	19.55	19.55		
5	QPSK	1	24	19.51	19.52	19.56		
5	QPSK	12	0	19.57	19.62	19.55	20.5	0
5	QPSK	12	7	19.56	19.54	19.61		
5	QPSK	12	13	19.55	19.54	19.61		
5	QPSK	25	0	19.51	19.54	19.62		
5	16QAM	1	0	19.69	19.65	19.62	20.5	0
5	16QAM	1	12	19.41	19.43	19.51		
5	16QAM	1	24	19.48	19.53	19.5		
5	16QAM	12	0	19.56	19.51	19.55	20.5	0
5	16QAM	12	7	19.53	19.5	19.5		
5	16QAM	12	13	19.57	19.54	19.55		
5	16QAM	25	0	19.58	19.56	19.53		
5	64QAM	1	0	19.56	19.69	19.55	20.5	0
5	64QAM	1	12	19.52	19.57	19.55		
5	64QAM	1	24	19.41	19.49	19.42		
5	64QAM	12	0	19.55	19.54	19.51	20.5	0
5	64QAM	12	7	19.58	19.56	19.62		
5	64QAM	12	13	19.56	19.57	19.53		
5	64QAM	25	0	19.56	19.49	19.57		
5	256QAM	1	0	18.96	18.93	18.86	19.9	0.6
5	256QAM	1	12	19.01	19.04	18.94		
5	256QAM	1	24	19.09	18.93	19.07		
5	256QAM	12	0	19.11	18.98	18.93	19.9	0.6
5	256QAM	12	7	19.01	18.94	19.01		
5	256QAM	12	13	18.92	18.84	18.86		
5	256QAM	25	0	18.96	19.05	19.02		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.62	19.73	19.73	20.5	0
3	QPSK	1	8	19.53	19.51	19.56		
3	QPSK	1	14	19.53	19.54	19.46		
3	QPSK	8	0	19.56	19.59	19.55	20.5	0
3	QPSK	8	4	19.65	19.61	19.58		
3	QPSK	8	7	19.58	19.6	19.53		
3	QPSK	15	0	19.58	19.62	19.59		
3	16QAM	1	0	19.68	19.69	19.6	20.5	0
3	16QAM	1	8	19.46	19.49	19.52		
3	16QAM	1	14	19.45	19.52	19.42		
3	16QAM	8	0	19.58	19.56	19.54	20.5	0
3	16QAM	8	4	19.47	19.45	19.48		
3	16QAM	8	7	19.55	19.48	19.48		
3	16QAM	15	0	19.55	19.52	19.49		
3	64QAM	1	0	19.69	19.56	19.65	20.5	0
3	64QAM	1	8	19.52	19.48	19.47		
3	64QAM	1	14	19.49	19.53	19.5		
3	64QAM	8	0	19.5	19.53	19.54	20.5	0
3	64QAM	8	4	19.62	19.56	19.63		
3	64QAM	8	7	19.49	19.53	19.51		
3	64QAM	15	0	19.49	19.54	19.5		
3	256QAM	1	0	18.88	18.93	18.88	19.9	0.6
3	256QAM	1	8	19.04	18.97	19.05		
3	256QAM	1	14	19.11	19.05	19.11		
3	256QAM	8	0	19.04	18.98	19.08	19.9	0.6
3	256QAM	8	4	18.95	18.99	18.94		
3	256QAM	8	7	18.91	18.87	19.03		
3	256QAM	15	0	18.94	19.00	19.06		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.63	19.67	19.73	20.5	0
1.4	QPSK	1	3	19.56	19.63	19.58		
1.4	QPSK	1	5	19.49	19.52	19.47		
1.4	QPSK	3	0	19.62	19.64	19.67		
1.4	QPSK	3	1	19.59	19.57	19.65		
1.4	QPSK	3	3	19.58	19.57	19.56		
1.4	QPSK	6	0	19.57	19.57	19.63	20.5	0
1.4	16QAM	1	0	19.68	19.67	19.71	20.5	0
1.4	16QAM	1	3	19.46	19.48	19.44		
1.4	16QAM	1	5	19.43	19.51	19.43		
1.4	16QAM	3	0	19.54	19.53	19.61		
1.4	16QAM	3	1	19.42	19.52	19.42		
1.4	16QAM	3	3	19.47	19.55	19.49		
1.4	16QAM	6	0	19.54	19.47	19.49	20.5	0
1.4	64QAM	1	0	19.66	19.68	19.56	20.5	0
1.4	64QAM	1	3	19.56	19.59	19.55		
1.4	64QAM	1	5	19.48	19.52	19.4		
1.4	64QAM	3	0	19.53	19.54	19.54		
1.4	64QAM	3	1	19.56	19.58	19.62		
1.4	64QAM	3	3	19.52	19.52	19.56		
1.4	64QAM	6	0	19.57	19.56	19.55	20.5	0
1.4	256QAM	1	0	18.88	18.91	18.89	19.9	0.6
1.4	256QAM	1	3	18.94	19.02	19.03		
1.4	256QAM	1	5	19.00	18.98	18.95		
1.4	256QAM	3	0	19.07	18.95	19.07		
1.4	256QAM	3	1	18.90	18.94	19.03		
1.4	256QAM	3	3	18.90	18.94	18.90		
1.4	256QAM	6	0	19.08	19.09	19.02	19.9	0.6

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26763	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.83	22.04	22.02	23.5	0
15	QPSK	1	37	21.76	22.03	21.92		
15	QPSK	1	74	21.81	21.94	21.94		
15	QPSK	36	0	21.77	22.02	21.99	23.5	0
15	QPSK	36	20	21.76	21.94	21.98		
15	QPSK	36	39	21.79	21.93	21.99		
15	QPSK	75	0	21.76	21.92	21.91		
15	16QAM	1	0	21.72	22.01	21.97	23.5	0
15	16QAM	1	37	21.75	21.93	21.86		
15	16QAM	1	74	21.75	21.85	21.86		
15	16QAM	36	0	21.3	21.61	21.62	23	0.5
15	16QAM	36	20	21.39	21.48	21.52		
15	16QAM	36	39	21.31	21.52	21.61		
15	16QAM	75	0	21.29	21.5	21.46		
15	64QAM	1	0	21.46	21.6	21.61	23	0.5
15	64QAM	1	37	21.29	21.58	21.48		
15	64QAM	1	74	21.35	21.46	21.55		
15	64QAM	36	0	20.45	20.62	20.59	22	1.5
15	64QAM	36	20	20.35	20.54	20.6		
15	64QAM	36	39	20.46	20.59	20.68		
15	64QAM	75	0	20.41	20.6	20.54		
15	256QAM	1	0	18.34	18.42	18.30	20	3.5
15	256QAM	1	37	18.43	18.51	18.44		
15	256QAM	1	74	18.40	18.52	18.50		
15	256QAM	36	0	18.43	18.50	18.41	20	3.5
15	256QAM	36	20	18.48	18.51	18.45		
15	256QAM	36	39	18.46	18.50	18.40		
15	256QAM	75	0	18.48	18.52	18.43		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.99	22.01	21.98	23.5	0
10	QPSK	1	25	21.95	21.93	22.02		
10	QPSK	1	49	21.92	21.87	21.89		
10	QPSK	25	0	22	21.9	21.98	23.5	0
10	QPSK	25	12	21.86	21.91	21.87		
10	QPSK	25	25	21.82	21.83	21.83		
10	QPSK	50	0	21.85	21.86	21.8		
10	16QAM	1	0	22	22	21.95	23.5	0
10	16QAM	1	25	21.84	21.86	21.92		
10	16QAM	1	49	21.74	21.81	21.81		
10	16QAM	25	0	21.57	21.58	21.51	23	0.5
10	16QAM	25	12	21.37	21.42	21.47		
10	16QAM	25	25	21.49	21.46	21.42		
10	16QAM	50	0	21.44	21.44	21.48		
10	64QAM	1	0	21.46	21.5	21.49	23	0.5
10	64QAM	1	25	21.46	21.44	21.43		
10	64QAM	1	49	21.39	21.4	21.4		
10	64QAM	25	0	20.54	20.52	20.6	22	1.5
10	64QAM	25	12	20.47	20.52	20.46		
10	64QAM	25	25	20.52	20.5	20.55		
10	64QAM	50	0	20.56	20.59	20.53		
10	256QAM	1	0	18.32	18.39	18.38	20	3.5
10	256QAM	1	25	18.46	18.44	18.32		
10	256QAM	1	49	18.46	18.39	18.49		
10	256QAM	25	0	18.44	18.33	18.45	20	3.5
10	256QAM	25	12	18.41	18.49	18.37		
10	256QAM	25	25	18.41	18.36	18.31		
10	256QAM	50	0	18.43	18.37	18.34		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.02	21.94	22.02	23.5	0
5	QPSK	1	12	22	21.91	21.9		
5	QPSK	1	24	21.91	21.89	21.92		
5	QPSK	12	0	21.99	21.89	21.94	23.5	0
5	QPSK	12	7	21.93	21.81	21.88		
5	QPSK	12	13	21.8	21.88	21.81		
5	QPSK	25	0	21.89	21.86	21.8		
5	16QAM	1	0	21.96	21.89	22	23.5	0
5	16QAM	1	12	21.83	21.81	21.91		
5	16QAM	1	24	21.73	21.73	21.72		
5	16QAM	12	0	21.6	21.56	21.49	23	0.5
5	16QAM	12	7	21.44	21.42	21.43		
5	16QAM	12	13	21.48	21.44	21.47		
5	16QAM	25	0	21.46	21.46	21.45		
5	64QAM	1	0	21.46	21.49	21.45	23	0.5
5	64QAM	1	12	21.52	21.54	21.46		
5	64QAM	1	24	21.45	21.38	21.34		
5	64QAM	12	0	20.61	20.53	20.54	22	1.5
5	64QAM	12	7	20.52	20.48	20.49		
5	64QAM	12	13	20.49	20.5	20.58		
5	64QAM	25	0	20.59	20.56	20.56		
5	256QAM	1	0	18.33	18.37	18.35	20	3.5
5	256QAM	1	12	18.41	18.48	18.47		
5	256QAM	1	24	18.36	18.43	18.48		
5	256QAM	12	0	18.43	18.46	18.45	20	3.5
5	256QAM	12	7	18.32	18.40	18.31		
5	256QAM	12	13	18.31	18.42	18.36		
5	256QAM	25	0	18.33	18.39	18.36		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	21.94	21.91	23.5	0
3	QPSK	1	8	21.95	21.99	22		
3	QPSK	1	14	21.84	21.93	21.91		
3	QPSK	8	0	21.89	21.96	21.98	23.5	0
3	QPSK	8	4	21.9	21.87	21.84		
3	QPSK	8	7	21.89	21.84	21.92		
3	QPSK	15	0	21.86	21.86	21.81		
3	16QAM	1	0	22	21.92	21.95	23.5	0
3	16QAM	1	8	21.81	21.81	21.82		
3	16QAM	1	14	21.83	21.82	21.73		
3	16QAM	8	0	21.53	21.51	21.55	23	0.5
3	16QAM	8	4	21.43	21.43	21.46		
3	16QAM	8	7	21.41	21.44	21.41		
3	16QAM	15	0	21.42	21.41	21.37		
3	64QAM	1	0	21.46	21.53	21.58	23	0.5
3	64QAM	1	8	21.53	21.47	21.55		
3	64QAM	1	14	21.43	21.42	21.35		
3	64QAM	8	0	20.6	20.6	20.59	22	1.5
3	64QAM	8	4	20.44	20.46	20.46		
3	64QAM	8	7	20.53	20.51	20.5		
3	64QAM	15	0	20.56	20.54	20.55		
3	256QAM	1	0	18.23	18.30	18.30	20	3.5
3	256QAM	1	8	18.48	18.42	18.39		
3	256QAM	1	14	18.47	18.32	18.45		
3	256QAM	8	0	18.31	18.39	18.34	20	3.5
3	256QAM	8	4	18.47	18.35	18.36		
3	256QAM	8	7	18.32	18.45	18.34		
3	256QAM	15	0	18.34	18.34	18.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.03	22	21.91	23.5	0
1.4	QPSK	1	3	21.95	21.92	21.96		
1.4	QPSK	1	5	21.86	21.87	21.84		
1.4	QPSK	3	0	21.97	21.89	22		
1.4	QPSK	3	1	21.85	21.9	21.9		
1.4	QPSK	3	3	21.87	21.92	21.9		
1.4	QPSK	6	0	21.88	21.87	21.79	23.5	0
1.4	16QAM	1	0	21.94	21.9	21.94	23.5	0
1.4	16QAM	1	3	21.86	21.92	21.8		
1.4	16QAM	1	5	21.78	21.72	21.77		
1.4	16QAM	3	0	22.01	22.02	21.99		
1.4	16QAM	3	1	21.88	21.96	21.96		
1.4	16QAM	3	3	21.98	21.91	22.01		
1.4	16QAM	6	0	21.42	21.43	21.42	23	0.5
1.4	64QAM	1	0	21.46	21.56	21.5	23	0.5
1.4	64QAM	1	3	21.51	21.5	21.53		
1.4	64QAM	1	5	21.31	21.34	21.34		
1.4	64QAM	3	0	21.1	21.05	21.06		
1.4	64QAM	3	1	21.33	21.3	21.29		
1.4	64QAM	3	3	21.29	21.37	21.38		
1.4	64QAM	6	0	20.56	20.52	20.57	22	1.5
1.4	256QAM	1	0	18.32	18.41	18.37	20	3.5
1.4	256QAM	1	3	18.34	18.45	18.45		
1.4	256QAM	1	5	18.41	18.47	18.33		
1.4	256QAM	3	0	18.34	18.34	18.34		
1.4	256QAM	3	1	18.33	18.40	18.33		
1.4	256QAM	3	3	18.47	18.48	18.48		
1.4	256QAM	6	0	18.44	18.33	18.47	20	3.5

0.2

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.25		20	0
10	QPSK	1	25		19.24			
10	QPSK	1	49		19.14			
10	QPSK	25	0		19.17		20	0
10	QPSK	25	12		19.05			
10	QPSK	25	25		19.03			
10	QPSK	50	0		19.09			
10	16QAM	1	0		19.01		20	0
10	16QAM	1	25		19.12			
10	16QAM	1	49		19.05			
10	16QAM	25	0		19.01		20	0
10	16QAM	25	12		19.16			
10	16QAM	25	25		19.07			
10	16QAM	50	0		19.08			
10	64QAM	1	0		19.09		20	0
10	64QAM	1	25		19.01			
10	64QAM	1	49		19.19			
10	64QAM	25	0		19.08		20	0
10	64QAM	25	12		19.13			
10	64QAM	25	25		19.14			
10	64QAM	50	0		19.1			
10	256QAM	1	0		19.18		20	0
10	256QAM	1	25		19.15			
10	256QAM	1	49		19.16			
10	256QAM	25	0		19.20		20	0
10	256QAM	25	12		19.16			
10	256QAM	25	25		19.17			
10	256QAM	50	0		19.23			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.12	19.12	19.22	20	0
5	QPSK	1	12	19.15	19.12	19.18		
5	QPSK	1	24	19.04	19.13	19.01		
5	QPSK	12	0	19.13	19.04	19.12	20	0
5	QPSK	12	7	19.02	18.98	19.03		
5	QPSK	12	13	18.96	19.02	18.92		
5	QPSK	25	0	18.96	18.96	19.08		
5	16QAM	1	0	18.88	18.94	18.98	20	0
5	16QAM	1	12	19.01	19.03	19.04		
5	16QAM	1	24	18.96	19.01	18.95		
5	16QAM	12	0	18.9	18.9	19	20	0
5	16QAM	12	7	19.13	19.11	19.09		
5	16QAM	12	13	18.99	18.96	19.04		
5	16QAM	25	0	18.98	18.99	18.97		
5	64QAM	1	0	18.97	19.05	19.07	20	0
5	64QAM	1	12	18.88	18.87	18.9		
5	64QAM	1	24	19.12	19.04	19.16		
5	64QAM	12	0	19.05	18.99	19.07	20	0
5	64QAM	12	7	19.11	19.05	19.06		
5	64QAM	12	13	19.12	19.06	19.12		
5	64QAM	25	0	19.05	19.06	19.02		
5	256QAM	1	0	19.08	19.05	19.01	20	0
5	256QAM	1	12	19.02	19.05	18.96		
5	256QAM	1	24	19.12	18.99	19.12		
5	256QAM	12	0	19.04	19.04	19.04	20	0
5	256QAM	12	7	19.03	19.05	19.14		
5	256QAM	12	13	19.11	19.02	19.06		
5	256QAM	25	0	19.07	19.07	19.12		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.29	21.49	21.38	22.5	0
20	QPSK	1	49	21.38	21.41	21.43		
20	QPSK	1	99	21.36	21.43	21.23		
20	QPSK	50	0	21.39	21.41	21.37	22.5	0
20	QPSK	50	24	21.25	21.37	21.2		
20	QPSK	50	50	21.19	21.35	21.25		
20	QPSK	100	0	21.23	21.35	21.21		
20	16QAM	1	0	21.21	21.41	21.27	22.5	0
20	16QAM	1	49	21.36	21.4	21.42		
20	16QAM	1	99	21.35	21.33	21.15		
20	16QAM	50	0	21.38	21.39	21.26	22.5	0
20	16QAM	50	24	21.17	21.38	21.33		
20	16QAM	50	50	21.36	21.3	21.38		
20	16QAM	100	0	21.26	21.31	21.19		
20	64QAM	1	0	21.24	21.46	21.29	22.5	0
20	64QAM	1	49	21.35	21.35	21.42		
20	64QAM	1	99	21.24	21.32	21.21		
20	64QAM	50	0	20.97	21.07	20.96	22	0.5
20	64QAM	50	24	20.91	20.98	20.93		
20	64QAM	50	50	20.94	21.06	21.04		
20	64QAM	100	0	20.99	21.07	21.04		
20	256QAM	1	0	18.89	18.95	18.92	20	2.5
20	256QAM	1	49	18.87	18.91	18.80		
20	256QAM	1	99	18.91	18.92	18.79		
20	256QAM	50	0	18.87	18.95	18.85	20	2.5
20	256QAM	50	24	18.79	18.86	18.80		
20	256QAM	50	50	18.84	18.87	18.79		
20	256QAM	100	0	18.87	18.88	18.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.38	21.38	21.36	22.5	0
15	QPSK	1	37	21.32	21.38	21.36		
15	QPSK	1	74	21.41	21.34	21.31		
15	QPSK	36	0	21.3	21.39	21.4	22.5	0
15	QPSK	36	20	21.33	21.29	21.28		
15	QPSK	36	39	21.3	21.28	21.25		
15	QPSK	75	0	21.22	21.26	21.34		
15	16QAM	1	0	21.38	21.34	21.4	22.5	0
15	16QAM	1	37	21.35	21.35	21.34		
15	16QAM	1	74	21.28	21.31	21.27		
15	16QAM	36	0	21.34	21.32	21.35	22.5	0
15	16QAM	36	20	21.27	21.26	21.35		
15	16QAM	36	39	21.22	21.21	21.26		
15	16QAM	75	0	21.27	21.25	21.26		
15	64QAM	1	0	21.37	21.33	21.38	22.5	0
15	64QAM	1	37	21.33	21.21	21.25		
15	64QAM	1	74	21.22	21.27	21.19		
15	64QAM	36	0	20.99	21.03	20.99	22	0.5
15	64QAM	36	20	20.91	20.96	20.93		
15	64QAM	36	39	21	21.04	20.98		
15	64QAM	75	0	21.01	20.99	20.97		
15	256QAM	1	0	18.77	18.86	18.86	20	2.5
15	256QAM	1	37	18.90	18.87	18.88		
15	256QAM	1	74	18.84	18.73	18.79		
15	256QAM	36	0	18.83	18.79	18.92	20	2.5
15	256QAM	36	20	18.71	18.68	18.78		
15	256QAM	36	39	18.67	18.69	18.78		
15	256QAM	75	0	18.71	18.70	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.38	21.42	21.44	22.5	0
10	QPSK	1	25	21.34	21.35	21.39		
10	QPSK	1	49	21.35	21.39	21.33		
10	QPSK	25	0	21.4	21.3	21.4	22.5	0
10	QPSK	25	12	21.27	21.27	21.24		
10	QPSK	25	25	21.3	21.31	21.25		
10	QPSK	50	0	21.22	21.31	21.29		
10	16QAM	1	0	21.38	21.32	21.39	22.5	0
10	16QAM	1	25	21.27	21.31	21.32		
10	16QAM	1	49	21.25	21.32	21.28		
10	16QAM	25	0	21.37	21.35	21.32	22.5	0
10	16QAM	25	12	21.3	21.29	21.25		
10	16QAM	25	25	21.17	21.25	21.29		
10	16QAM	50	0	21.23	21.18	21.24		
10	64QAM	1	0	21.31	21.45	21.4	22.5	0
10	64QAM	1	25	21.34	21.21	21.23		
10	64QAM	1	49	21.27	21.27	21.27		
10	64QAM	25	0	21.01	20.99	20.98	22	0.5
10	64QAM	25	12	20.94	20.9	20.95		
10	64QAM	25	25	21.03	21.02	21.02		
10	64QAM	50	0	21.01	21	21		
10	256QAM	1	0	18.77	18.77	18.77	20	2.5
10	256QAM	1	25	18.84	18.74	18.79		
10	256QAM	1	49	18.74	18.78	18.89		
10	256QAM	25	0	18.90	18.88	18.84	20	2.5
10	256QAM	25	12	18.75	18.76	18.67		
10	256QAM	25	25	18.71	18.78	18.77		
10	256QAM	50	0	18.74	18.81	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.43	21.36	21.47	22.5	0
5	QPSK	1	12	21.32	21.35	21.39		
5	QPSK	1	24	21.34	21.31	21.35		
5	QPSK	12	0	21.29	21.28	21.3	22.5	0
5	QPSK	12	7	21.24	21.28	21.35		
5	QPSK	12	13	21.24	21.26	21.29		
5	QPSK	25	0	21.32	21.25	21.33		
5	16QAM	1	0	21.32	21.37	21.3	22.5	0
5	16QAM	1	12	21.28	21.3	21.35		
5	16QAM	1	24	21.32	21.26	21.27		
5	16QAM	12	0	21.38	21.27	21.33	22.5	0
5	16QAM	12	7	21.28	21.29	21.3		
5	16QAM	12	13	21.25	21.19	21.19		
5	16QAM	25	0	21.2	21.2	21.27		
5	64QAM	1	0	21.35	21.39	21.31	22.5	0
5	64QAM	1	12	21.31	21.28	21.21		
5	64QAM	1	24	21.28	21.25	21.31		
5	64QAM	12	0	21.05	21	21.06	22	0.5
5	64QAM	12	7	20.9	20.93	20.97		
5	64QAM	12	13	20.98	21.01	21.03		
5	64QAM	25	0	21.06	21.06	20.99		
5	256QAM	1	0	18.91	18.77	18.93	20	2.5
5	256QAM	1	12	18.86	18.80	18.75		
5	256QAM	1	24	18.73	18.79	18.90		
5	256QAM	12	0	18.80	18.88	18.86	20	2.5
5	256QAM	12	7	18.66	18.77	18.73		
5	256QAM	12	13	18.77	18.70	18.77		
5	256QAM	25	0	18.84	18.85	18.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.46	21.43	21.36	22.5	0
3	QPSK	1	8	21.3	21.29	21.29		
3	QPSK	1	14	21.36	21.35	21.36		
3	QPSK	8	0	21.4	21.4	21.4	22.5	0
3	QPSK	8	4	21.33	21.36	21.28		
3	QPSK	8	7	21.32	21.33	21.22		
3	QPSK	15	0	21.27	21.3	21.22		
3	16QAM	1	0	21.38	21.37	21.3	22.5	0
3	16QAM	1	8	21.3	21.32	21.37		
3	16QAM	1	14	21.2	21.27	21.32		
3	16QAM	8	0	21.38	21.34	21.3	22.5	0
3	16QAM	8	4	21.27	21.27	21.35		
3	16QAM	8	7	21.22	21.26	21.22		
3	16QAM	15	0	21.28	21.18	21.25		
3	64QAM	1	0	21.4	21.41	21.39	22.5	0
3	64QAM	1	8	21.29	21.21	21.28		
3	64QAM	1	14	21.2	21.28	21.18		
3	64QAM	8	0	21.04	21.01	21	22	0.5
3	64QAM	8	4	20.96	20.89	20.97		
3	64QAM	8	7	21.03	20.97	20.98		
3	64QAM	15	0	20.98	21.05	21.02		
3	256QAM	1	0	18.85	18.85	18.80	20	2.5
3	256QAM	1	8	18.85	18.80	18.88		
3	256QAM	1	14	18.83	18.73	18.75		
3	256QAM	8	0	18.92	18.79	18.82	20	2.5
3	256QAM	8	4	18.79	18.76	18.78		
3	256QAM	8	7	18.75	18.70	18.85		
3	256QAM	15	0	18.84	18.82	18.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.36	21.46	21.4	22.5	0
1.4	QPSK	1	3	21.35	21.32	21.38		
1.4	QPSK	1	5	21.31	21.4	21.3		
1.4	QPSK	3	0	21.38	21.28	21.36		
1.4	QPSK	3	1	21.25	21.34	21.33		
1.4	QPSK	3	3	21.28	21.24	21.28		
1.4	QPSK	6	0	21.27	21.27	21.28	22.5	0
1.4	16QAM	1	0	21.37	21.28	21.29	22.5	0
1.4	16QAM	1	3	21.34	21.32	21.3		
1.4	16QAM	1	5	21.27	21.26	21.32		
1.4	16QAM	3	0	21.28	21.38	21.36		
1.4	16QAM	3	1	21.27	21.3	21.34		
1.4	16QAM	3	3	21.26	21.29	21.29		
1.4	16QAM	6	0	21.18	21.22	21.26	22.5	0
1.4	64QAM	1	0	21.41	21.43	21.45	22.5	0
1.4	64QAM	1	3	21.31	21.2	21.24		
1.4	64QAM	1	5	21.2	21.19	21.3		
1.4	64QAM	3	0	21.03	21.04	20.98		
1.4	64QAM	3	1	20.9	20.96	20.97		
1.4	64QAM	3	3	21.01	20.96	21.04		
1.4	64QAM	6	0	21.02	21.05	21.06	22	0.5
1.4	256QAM	1	0	18.78	18.85	18.91	20	2.5
1.4	256QAM	1	3	18.74	18.75	18.82		
1.4	256QAM	1	5	18.72	18.74	18.87		
1.4	256QAM	3	0	18.75	18.94	18.77		
1.4	256QAM	3	1	18.77	18.72	18.81		
1.4	256QAM	3	3	18.74	18.85	18.84		
1.4	256QAM	6	0	18.78	18.74	18.69	20	2.5

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25	25	0
20	QPSK	1	49	24.28	24.17	24.21		
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13	24	1
20	QPSK	50	24	23.24	23.23	23.21		
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81	24	1
20	16QAM	1	49	22.73	22.81	22.66		
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07	23	2
20	16QAM	50	24	22.14	22.24	22.11		
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18	23	2
20	64QAM	1	49	22.35	22.37	22.29		
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17	22	3
20	64QAM	50	24	21.18	21.21	21.14		
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90	20	5
20	256QAM	1	49	19.11	19.16	19.01		
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15	20	5
20	256QAM	50	24	19.20	19.27	19.20		
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2	25	0
15	QPSK	1	37	24.19	24.09	24.11		
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07	24	1
15	QPSK	36	20	23.18	23.08	23.11		
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69	24	1
15	16QAM	1	37	22.68	22.75	22.59		
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98	23	2
15	16QAM	36	20	22.03	22.13	22.06		
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05	23	2
15	64QAM	1	37	22.23	22.28	22.22		
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05	22	3
15	64QAM	36	20	21.05	21.11	21		
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79	20	5
15	256QAM	1	37	19.00	19.05	18.92		
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08	20	5
15	256QAM	36	20	19.10	19.16	19.08		
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12	25	0
10	QPSK	1	25	24.15	24.08	24.12		
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08	24	1
10	QPSK	25	12	23.18	23.11	23.14		
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66	24	1
10	16QAM	1	25	22.6	22.73	22.61		
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94	23	2
10	16QAM	25	12	22.02	22.14	21.96		
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08	23	2
10	64QAM	1	25	22.27	22.3	22.24		
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08	22	3
10	64QAM	25	12	21.11	21.11	20.98		
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80	20	5
10	256QAM	1	25	18.95	19.03	18.92		
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07	20	5
10	256QAM	25	12	19.07	19.16	19.12		
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15	25	0
5	QPSK	1	12	24.22	24.05	24.08		
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01	24	1
5	QPSK	12	7	23.16	23.15	23.12		
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75	24	1
5	16QAM	1	12	22.59	22.65	22.61		
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97	23	2
5	16QAM	12	7	22.05	22.18	22.06		
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1	23	2
5	64QAM	1	12	22.28	22.26	22.19		
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02	22	3
5	64QAM	12	7	21.09	21.09	21.09		
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83	20	5
5	256QAM	1	12	18.99	19.08	18.95		
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10	20	5
5	256QAM	12	7	19.13	19.12	19.13		
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15	25	0
3	QPSK	1	8	24.19	24.11	24.07		
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07	24	1
3	QPSK	8	4	23.14	23.1	23.09		
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66	24	1
3	16QAM	1	8	22.61	22.74	22.61		
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92	23	2
3	16QAM	8	4	22.02	22.17	22.03		
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08	23	2
3	64QAM	1	8	22.23	22.24	22.21		
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11	22	3
3	64QAM	8	4	21.12	21.13	21.06		
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76	20	5
3	256QAM	1	8	18.99	19.11	18.92		
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04	20	5
3	256QAM	8	4	19.09	19.11	19.14		
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19	25	0
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138		
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	25	0
1.4	16QAM	1	0	22.73	22.92	22.65	25	0
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74		
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	25	0
1.4	64QAM	1	0	22.06	22.13	22.1	25	0
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08		
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	24.5	0.5
1.4	256QAM	1	0	18.92	18.95	18.78	22.5	2.5
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86		
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	22.5	2.5

Band 66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.38	22.41	22.37	23	0
20	QPSK	1	49	22.4	22.27	22.37		
20	QPSK	1	99	22.32	22.16	22.32		
20	QPSK	50	0	22.38	22.39	22.17	23	0
20	QPSK	50	24	22.31	22.24	22.23		
20	QPSK	50	50	22.23	22.18	22.26		
20	QPSK	100	0	22.25	22.28	22.24		
20	16QAM	1	0	22.09	22.02	21.88	23	0
20	16QAM	1	49	21.98	21.92	21.82		
20	16QAM	1	99	21.91	21.91	21.75		
20	16QAM	50	0	21.22	21.23	21.13	22	1
20	16QAM	50	24	21.21	21.17	21.11		
20	16QAM	50	50	21.27	21.18	21.03		
20	16QAM	100	0	21.2	21.2	21.13		
20	64QAM	1	0	21.31	21.32	21.21	22	1
20	64QAM	1	49	21.46	21.41	21.36		
20	64QAM	1	99	21.43	21.35	21.28		
20	64QAM	50	0	20.28	20.25	20.15	21	2
20	64QAM	50	24	20.24	20.24	20.08		
20	64QAM	50	50	20.24	20.18	20.11		
20	64QAM	100	0	20.22	20.2	20.05		
20	256QAM	1	0	18.12	18.13	18.04	19	4
20	256QAM	1	49	18.30	18.24	18.11		
20	256QAM	1	99	18.25	18.21	18.12		
20	256QAM	50	0	18.23	18.23	18.16	19	4
20	256QAM	50	24	18.16	18.16	18.05		
20	256QAM	50	50	18.28	18.18	18.03		
20	256QAM	100	0	18.23	18.24	18.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.25	22.31	23	0
15	QPSK	1	37	22.25	22.21	22.25		
15	QPSK	1	74	22.19	22.01	22.26		
15	QPSK	36	0	22.24	22.27	22.05	23	0
15	QPSK	36	20	22.17	22.17	22.13		
15	QPSK	36	39	22.13	22.05	22.13		
15	QPSK	75	0	22.09	22.13	22.15		
15	16QAM	1	0	22.02	21.96	21.72	23	0
15	16QAM	1	37	21.89	21.87	21.76		
15	16QAM	1	74	21.85	21.84	21.68		
15	16QAM	36	0	21.13	21.12	21.03	22	1
15	16QAM	36	20	21.06	21.02	21.06		
15	16QAM	36	39	21.11	21.1	20.93		
15	16QAM	75	0	21.11	21.09	21.03		
15	64QAM	1	0	21.2	21.25	21.1	22	1
15	64QAM	1	37	21.33	21.29	21.3		
15	64QAM	1	74	21.32	21.24	21.23		
15	64QAM	36	0	20.22	20.14	20.07	21	2
15	64QAM	36	20	20.16	20.16	19.93		
15	64QAM	36	39	20.13	20.04	19.96		
15	64QAM	75	0	20.15	20.15	19.91		
15	256QAM	1	0	18.04	17.97	17.94	19	4
15	256QAM	1	37	18.15	18.16	17.96		
15	256QAM	1	74	18.17	18.06	18.02		
15	256QAM	36	0	18.08	18.16	18.09	19	4
15	256QAM	36	20	18.01	18.01	17.92		
15	256QAM	36	39	18.19	18.06	17.87		
15	256QAM	75	0	18.18	18.13	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.33	22.27	22.24	23	0
10	QPSK	1	25	22.31	22.13	22.31		
10	QPSK	1	49	22.21	22.1	22.21		
10	QPSK	25	0	22.27	22.23	22.1	23	0
10	QPSK	25	12	22.22	22.19	22.15		
10	QPSK	25	25	22.17	22.09	22.2		
10	QPSK	50	0	22.1	22.13	22.13		
10	16QAM	1	0	22.02	21.91	21.76	23	0
10	16QAM	1	25	21.83	21.79	21.72		
10	16QAM	1	49	21.8	21.82	21.67		
10	16QAM	25	0	21.08	21.11	20.98	22	1
10	16QAM	25	12	21.15	21.12	21.06		
10	16QAM	25	25	21.16	21.02	20.93		
10	16QAM	50	0	21.15	21.13	21.04		
10	64QAM	1	0	21.18	21.26	21.16	22	1
10	64QAM	1	25	21.38	21.3	21.29		
10	64QAM	1	49	21.32	21.3	21.19		
10	64QAM	25	0	20.12	20.15	20.09	21	2
10	64QAM	25	12	20.12	20.09	19.97		
10	64QAM	25	25	20.18	20.09	20.05		
10	64QAM	50	0	20.1	20.08	19.91		
10	256QAM	1	0	18.04	17.97	17.99	19	4
10	256QAM	1	25	18.14	18.14	17.98		
10	256QAM	1	49	18.14	18.13	18.00		
10	256QAM	25	0	18.16	18.17	18.03	19	4
10	256QAM	25	12	18.10	18.04	17.95		
10	256QAM	25	25	18.22	18.09	17.95		
10	256QAM	50	0	18.14	18.12	18.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.23	22.27	22.25	23	0
5	QPSK	1	12	22.27	22.13	22.26		
5	QPSK	1	24	22.25	22.06	22.22		
5	QPSK	12	0	22.24	22.33	22.11	23	0
5	QPSK	12	7	22.2	22.1	22.07		
5	QPSK	12	13	22.12	22.07	22.13		
5	QPSK	25	0	22.17	22.14	22.16		
5	16QAM	1	0	21.93	21.91	21.76	23	0
5	16QAM	1	12	21.92	21.86	21.69		
5	16QAM	1	24	21.82	21.86	21.64		
5	16QAM	12	0	21.14	21.13	21.04	22	1
5	16QAM	12	7	21.07	21.02	21.05		
5	16QAM	12	13	21.16	21.13	20.87		
5	16QAM	25	0	21.07	21.13	21.03		
5	64QAM	1	0	21.16	21.21	21.12	22	1
5	64QAM	1	12	21.31	21.35	21.3		
5	64QAM	1	24	21.35	21.19	21.15		
5	64QAM	12	0	20.19	20.14	20.09	21	2
5	64QAM	12	7	20.17	20.15	19.94		
5	64QAM	12	13	20.13	20.06	20.04		
5	64QAM	25	0	20.17	20.1	19.9		
5	256QAM	1	0	18.00	18.08	17.94	19	4
5	256QAM	1	12	18.22	18.16	17.97		
5	256QAM	1	24	18.12	18.11	18.01		
5	256QAM	12	0	18.11	18.16	18.01	19	4
5	256QAM	12	7	18.00	18.11	17.96		
5	256QAM	12	13	18.16	18.06	17.88		
5	256QAM	25	0	18.16	18.12	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.25	22.26	23	0
3	QPSK	1	8	22.33	22.2	22.21		
3	QPSK	1	14	22.16	22.04	22.25		
3	QPSK	8	0	22.27	22.31	22.03	23	0
3	QPSK	8	4	22.15	22.12	22.16		
3	QPSK	8	7	22.13	22.13	22.18		
3	QPSK	15	0	22.14	22.21	22.19		
3	16QAM	1	0	21.98	21.88	21.73	23	0
3	16QAM	1	8	21.83	21.8	21.77		
3	16QAM	1	14	21.84	21.81	21.69		
3	16QAM	8	0	21.12	21.15	21.03	22	1
3	16QAM	8	4	21.12	21.03	21.03		
3	16QAM	8	7	21.15	21.13	20.87		
3	16QAM	15	0	21.04	21.15	21.07		
3	64QAM	1	0	21.18	21.23	21.1	22	1
3	64QAM	1	8	21.32	21.28	21.26		
3	64QAM	1	14	21.3	21.25	21.21		
3	64QAM	8	0	20.13	20.11	20.09	21	2
3	64QAM	8	4	20.11	20.17	20.03		
3	64QAM	8	7	20.13	20.02	20.05		
3	64QAM	15	0	20.13	20.15	19.92		
3	256QAM	1	0	18.05	17.98	17.99	19	4
3	256QAM	1	8	18.24	18.19	17.95		
3	256QAM	1	14	18.17	18.06	18.06		
3	256QAM	8	0	18.08	18.18	18.08	19	4
3	256QAM	8	4	18.08	18.11	17.90		
3	256QAM	8	7	18.23	18.02	17.97		
3	256QAM	15	0	18.13	18.11	17.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.29	22.26	22.26	23	0
1.4	QPSK	1	3	22.26	22.13	22.24		
1.4	QPSK	1	5	22.21	22	22.19		
1.4	QPSK	3	0	22.22	22.24	22.04		
1.4	QPSK	3	1	22.25	22.13	22.18		
1.4	QPSK	3	3	22.12	22.06	22.15		
1.4	QPSK	6	0	22.15	22.23	22.17	23	0
1.4	16QAM	1	0	21.96	21.91	21.73	23	0
1.4	16QAM	1	3	21.9	21.85	21.71		
1.4	16QAM	1	5	21.86	21.82	21.67		
1.4	16QAM	3	0	21.96	21.94	21.84		
1.4	16QAM	3	1	21.92	21.86	21.76		
1.4	16QAM	3	3	21.93	21.86	21.69		
1.4	16QAM	6	0	21.11	21.06	21.01	23	0
1.4	64QAM	1	0	21.24	21.21	21.11	23	0
1.4	64QAM	1	3	21.3	21.34	21.25		
1.4	64QAM	1	5	21.31	21.25	21.2		
1.4	64QAM	3	0	21.02	20.98	20.84		
1.4	64QAM	3	1	20.94	20.99	20.75		
1.4	64QAM	3	3	20.93	20.9	20.78		
1.4	64QAM	6	0	20.14	20.1	19.99	22.5	0.5
1.4	256QAM	1	0	18.00	17.97	17.96	20.5	2.5
1.4	256QAM	1	3	18.17	18.10	17.96		
1.4	256QAM	1	5	18.13	18.07	17.98		
1.4	256QAM	3	0	18.12	18.17	18.09		
1.4	256QAM	3	1	18.08	18.08	17.97		
1.4	256QAM	3	3	18.13	18.12	17.95		
1.4	256QAM	6	0	18.15	18.08	18.03	20.5	2.5

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92	25	0
20	QPSK	1	49	23.85	23.88	23.86		
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94	24	1
20	QPSK	50	24	22.92	22.91	22.89		
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24	24	1
20	16QAM	1	49	23.17	23.25	23.18		
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91	23	2
20	16QAM	50	24	21.92	21.91	21.9		
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39	23	2
20	64QAM	1	49	22.24	22.3	22.29		
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24	22	3
20	64QAM	50	24	21.28	21.21	21.22		
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85	20	5
20	256QAM	1	49	18.92	18.99	18.90		
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83	20	5
20	256QAM	50	24	18.85	18.83	18.79		
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93	25	0
15	QPSK	1	37	23.78	23.87	23.81		
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83	24	1
15	QPSK	36	20	22.88	22.88	22.84		
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19	24	1
15	16QAM	1	37	23.08	23.21	23.17		
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9	23	2
15	16QAM	36	20	21.93	21.83	21.8		
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36	23	2
15	64QAM	1	37	22.17	22.24	22.22		
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21	22	3
15	64QAM	36	20	21.2	21.15	21.17		
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82	20	5
15	256QAM	1	37	18.85	18.95	18.98		
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82	20	5
15	256QAM	36	20	18.82	18.77	18.76		
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89	25	0
10	QPSK	1	25	23.84	23.84	23.81		
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91	24	1
10	QPSK	25	12	22.88	22.85	22.82		
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16	24	1
10	16QAM	1	25	23.13	23.2	23.17		
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89	23	2
10	16QAM	25	12	21.85	21.87	21.88		
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3	23	2
10	64QAM	1	25	22.18	22.22	22.25		
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18	22	3
10	64QAM	25	12	21.2	21.16	21.19		
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82	20	5
10	256QAM	1	25	18.90	19.02	18.96		
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78	20	5
10	256QAM	25	12	18.80	18.76	18.78		
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9	25	0
5	QPSK	1	12	23.79	23.87	23.84		
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15	24	1
5	16QAM	1	12	23.16	23.16	23.09		
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89	23	2
5	16QAM	12	7	21.84	21.86	21.82		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35	23	2
5	64QAM	1	12	22.19	22.26	22.25		
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23	22	3
5	64QAM	12	7	21.19	21.14	21.17		
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79	20	5
5	256QAM	1	12	18.92	18.99	18.93		
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84	20	5
5	256QAM	12	7	18.81	18.76	18.73		
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.01	23.06	23.05	24	0
20	QPSK	1	49	22.89	22.96	22.99		
20	QPSK	1	99	22.92	23	22.94		
20	QPSK	50	0	22.46	22.5	22.44	23.5	0.5
20	QPSK	50	24	22.38	22.44	22.33		
20	QPSK	50	50	22.36	22.46	22.33		
20	QPSK	100	0	22.39	22.44	22.4		
20	16QAM	1	0	22.41	22.43	22.39	23.5	0.5
20	16QAM	1	49	22.45	22.39	22.4		
20	16QAM	1	99	22.35	22.47	22.35		
20	16QAM	50	0	21.41	21.38	21.4	22.5	1.5
20	16QAM	50	24	21.43	21.44	21.42		
20	16QAM	50	50	21.36	21.39	21.43		
20	16QAM	100	0	21.4	21.4	21.32		
20	64QAM	1	0	21.34	21.42	21.37	22.5	1.5
20	64QAM	1	49	21.35	21.4	21.39		
20	64QAM	1	99	21.34	21.49	21.34		
20	64QAM	50	0	20.4	20.38	20.43	21.5	2.5
20	64QAM	50	24	20.39	20.48	20.33		
20	64QAM	50	50	20.42	20.43	20.41		
20	64QAM	100	0	20.34	20.43	20.35		
20	256QAM	1	0	18.43	18.42	18.38	19.5	4.5
20	256QAM	1	49	18.34	18.45	18.33		
20	256QAM	1	99	18.42	18.41	18.39		
20	256QAM	50	0	18.45	18.37	18.43	19.5	4.5
20	256QAM	50	24	18.33	18.40	18.35		
20	256QAM	50	50	18.35	18.46	18.43		
20	256QAM	100	0	18.35	18.48	18.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.04	22.93	22.95	24	0
15	QPSK	1	37	22.89	22.92	22.95		
15	QPSK	1	74	22.94	22.94	22.88		
15	QPSK	36	0	22.42	22.45	22.48	23.5	0.5
15	QPSK	36	20	22.31	22.41	22.42		
15	QPSK	36	39	22.42	22.34	22.45		
15	QPSK	75	0	22.38	22.31	22.4		
15	16QAM	1	0	22.34	22.42	22.38	23.5	0.5
15	16QAM	1	37	22.27	22.28	22.32		
15	16QAM	1	74	22.4	22.37	22.46		
15	16QAM	36	0	21.28	21.31	21.33	22.5	1.5
15	16QAM	36	20	21.33	21.32	21.31		
15	16QAM	36	39	21.38	21.35	21.32		
15	16QAM	75	0	21.3	21.31	21.29		
15	64QAM	1	0	21.4	21.4	21.27	22.5	1.5
15	64QAM	1	37	21.38	21.3	21.29		
15	64QAM	1	74	21.35	21.42	21.46		
15	64QAM	36	0	20.29	20.28	20.36	21.5	2.5
15	64QAM	36	20	20.43	20.47	20.41		
15	64QAM	36	39	20.33	20.39	20.41		
15	64QAM	75	0	20.33	20.34	20.41		
15	256QAM	1	0	18.39	18.36	18.24	19.5	4.5
15	256QAM	1	37	18.3	18.29	18.38		
15	256QAM	1	74	18.29	18.34	18.37		
15	256QAM	36	0	18.30	18.30	18.30	19.5	4.5
15	256QAM	36	20	18.26	18.31	18.39		
15	256QAM	36	39	18.37	18.40	18.43		
15	256QAM	75	0	18.35	18.44	18.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.96	22.95	22.93	24	0
10	QPSK	1	25	22.88	22.83	22.92		
10	QPSK	1	49	22.92	22.96	22.9		
10	QPSK	25	0	22.42	22.38	22.48	23.5	0.5
10	QPSK	25	12	22.37	22.43	22.4		
10	QPSK	25	25	22.36	22.34	22.33		
10	QPSK	50	0	22.33	22.37	22.37		
10	16QAM	1	0	22.34	22.32	22.3	23.5	0.5
10	16QAM	1	25	22.32	22.34	22.29		
10	16QAM	1	49	22.41	22.46	22.4		
10	16QAM	25	0	21.37	21.33	21.31	22.5	1.5
10	16QAM	25	12	21.38	21.43	21.41		
10	16QAM	25	25	21.32	21.36	21.33		
10	16QAM	50	0	21.39	21.29	21.35		
10	64QAM	1	0	21.32	21.33	21.27	22.5	1.5
10	64QAM	1	25	21.36	21.28	21.38		
10	64QAM	1	49	21.46	21.46	21.37		
10	64QAM	25	0	20.33	20.29	20.36	21.5	2.5
10	64QAM	25	12	20.46	20.38	20.42		
10	64QAM	25	25	20.42	20.38	20.36		
10	64QAM	50	0	20.41	20.39	20.34		
10	256QAM	1	0	18.22	18.36	18.35	19.5	4.5
10	256QAM	1	25	18.43	18.33	18.28		
10	256QAM	1	49	18.22	18.23	18.36		
10	256QAM	25	0	18.28	18.33	18.20	19.5	4.5
10	256QAM	25	12	18.31	18.20	18.29		
10	256QAM	25	25	18.37	18.33	18.45		
10	256QAM	50	0	18.45	18.45	18.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.99	22.94	23.03	24	0
5	QPSK	1	12	22.88	22.83	22.89		
5	QPSK	1	24	22.88	22.9	22.88		
5	QPSK	12	0	22.44	22.45	22.42	23.5	0.5
5	QPSK	12	7	22.36	22.41	22.39		
5	QPSK	12	13	22.41	22.4	22.41		
5	QPSK	25	0	22.41	22.36	22.42		
5	16QAM	1	0	22.37	22.36	22.33	23.5	0.5
5	16QAM	1	12	22.3	22.35	22.29		
5	16QAM	1	24	22.39	22.38	22.41		
5	16QAM	12	0	21.25	21.28	21.36	22.5	1.5
5	16QAM	12	7	21.35	21.36	21.42		
5	16QAM	12	13	21.38	21.33	21.35		
5	16QAM	25	0	21.3	21.32	21.36		
5	64QAM	1	0	21.3	21.28	21.32	22.5	1.5
5	64QAM	1	12	21.27	21.32	21.27		
5	64QAM	1	24	21.45	21.35	21.47		
5	64QAM	12	0	20.37	20.34	20.36	21.5	2.5
5	64QAM	12	7	20.4	20.39	20.39		
5	64QAM	12	13	20.4	20.35	20.41		
5	64QAM	25	0	20.41	20.35	20.35		
5	256QAM	1	0	18.30	18.35	18.31	19.5	4.5
5	256QAM	1	12	18.37	18.37	18.39		
5	256QAM	1	24	18.31	18.24	18.34		
5	256QAM	12	0	18.28	18.17	18.31	19.5	4.5
5	256QAM	12	7	18.25	18.36	18.20		
5	256QAM	12	13	18.33	18.41	18.45		
5	256QAM	25	0	18.33	18.42	18.33		

Band 41_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.07	23.1	23.09	23.06	23.05	24	0
20	QPSK	1	49	23.03	23.09	22.99	23.05	23.04		
20	QPSK	1	99	22.99	22.99	23	23.03	22.95		
20	QPSK	50	0	22.95	23.05	22.97	22.97	22.98	24	0
20	QPSK	50	24	22.93	22.96	22.94	22.96	22.89		
20	QPSK	50	50	22.87	22.92	22.89	22.94	22.89		
20	QPSK	100	0	22.91	22.98	22.91	22.88	22.94		
20	16QAM	1	0	22.82	22.87	22.96	22.9	22.95	24	0
20	16QAM	1	49	22.93	22.96	22.91	22.84	22.93		
20	16QAM	1	99	22.93	22.98	22.87	22.94	22.95		
20	16QAM	50	0	21.88	21.94	21.93	21.87	21.92	23	1
20	16QAM	50	24	21.9	21.92	21.84	21.95	21.93		
20	16QAM	50	50	21.94	21.99	21.86	21.94	21.91		
20	16QAM	100	0	21.84	21.94	21.93	21.94	21.92		
20	64QAM	1	0	21.85	21.96	21.88	21.89	21.93	23	1
20	64QAM	1	49	21.82	21.95	21.9	21.92	21.96		
20	64QAM	1	99	21.85	21.98	21.87	21.93	21.87		
20	64QAM	50	0	20.92	20.95	20.94	20.96	20.9	22	2
20	64QAM	50	24	20.92	20.94	20.87	20.94	20.86		
20	64QAM	50	50	20.91	20.89	20.89	20.92	20.95		
20	64QAM	100	0	20.83	20.88	20.84	20.85	20.86		
20	256QAM	1	0	18.91	18.88	18.92	18.89	18.95	20	4
20	256QAM	1	49	18.82	18.96	18.85	18.87	18.94		
20	256QAM	1	99	18.87	18.98	18.92	18.94	18.93		
20	256QAM	50	0	18.89	18.94	18.85	18.87	18.86	20	4
20	256QAM	50	24	18.82	18.90	18.92	18.88	18.91		
20	256QAM	50	50	18.91	18.91	18.89	18.92	18.96		
20	256QAM	100	0	18.90	18.96	18.85	18.96	18.91		
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	22.99	22.97	23.09	23.08	23	24	0
15	QPSK	1	37	23.07	22.99	23.03	23	22.96		
15	QPSK	1	74	22.91	22.98	22.88	22.96	22.9		
15	QPSK	36	0	22.97	22.98	23.04	22.96	22.93	24	0
15	QPSK	36	20	22.94	22.86	22.91	22.9	22.94		
15	QPSK	36	39	22.91	22.79	22.81	22.82	22.9		
15	QPSK	75	0	22.87	22.91	22.95	22.86	22.96		
15	16QAM	1	0	22.79	22.77	22.86	22.79	22.86	24	0
15	16QAM	1	37	22.91	22.88	22.83	22.83	22.86		
15	16QAM	1	74	22.97	22.88	22.89	22.97	22.89		
15	16QAM	36	0	21.81	21.87	21.88	21.91	21.92	23	1
15	16QAM	36	20	21.8	21.79	21.84	21.85	21.91		
15	16QAM	36	39	21.94	21.89	21.95	21.89	21.96		
15	16QAM	75	0	21.83	21.88	21.89	21.87	21.88		
15	64QAM	1	0	21.84	21.9	21.86	21.88	21.9	23	1
15	64QAM	1	37	21.93	21.89	21.83	21.94	21.82		
15	64QAM	1	74	21.84	21.93	21.86	21.96	21.96		
15	64QAM	36	0	20.91	20.89	20.92	20.9	20.94	22	2
15	64QAM	36	20	20.85	20.93	20.84	20.91	20.88		
15	64QAM	36	39	20.81	20.86	20.81	20.84	20.86		
15	64QAM	75	0	20.87	20.83	20.86	20.85	20.87		
15	256QAM	1	0	18.80	18.78	18.85	18.68	18.75	20	4
15	256QAM	1	37	18.95	18.83	18.93	18.76	18.95		
15	256QAM	1	74	18.94	18.97	18.91	18.87	18.89		
15	256QAM	36	0	18.86	18.74	18.76	18.93	18.77	20	4
15	256QAM	36	20	18.87	18.78	18.83	18.88	18.83		
15	256QAM	36	39	18.81	18.81	18.75	18.88	18.78		
15	256QAM	75	0	18.84	18.80	18.78	18.86	18.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.97	23.02	23.05	23.07	23.08	24	0
10	QPSK	1	25	23.02	23.06	22.98	22.99	22.98		
10	QPSK	1	49	22.92	22.98	22.9	22.98	22.86		
10	QPSK	25	0	23.01	23.02	23.02	22.98	22.98	24	0
10	QPSK	25	12	22.87	22.91	22.83	22.88	22.89		
10	QPSK	25	25	22.85	22.85	22.85	22.8	22.87		
10	QPSK	50	0	22.91	22.92	22.87	22.96	22.9		
10	16QAM	1	0	22.76	22.76	22.85	22.74	22.77	24	0
10	16QAM	1	25	22.89	22.83	22.87	22.89	22.92		
10	16QAM	1	49	22.91	22.92	22.95	22.92	22.86		
10	16QAM	25	0	21.89	21.84	21.85	21.85	21.82	23	1
10	16QAM	25	12	21.81	21.81	21.84	21.89	21.81		
10	16QAM	25	25	21.9	21.91	21.86	21.9	21.86		
10	16QAM	50	0	21.91	21.81	21.83	21.92	21.83		
10	64QAM	1	0	21.95	21.94	21.92	21.84	21.84	23	1
10	64QAM	1	25	21.83	21.94	21.89	21.93	21.94		
10	64QAM	1	49	21.96	21.87	21.95	21.92	21.93		
10	64QAM	25	0	20.92	20.91	20.88	20.92	20.91	22	2
10	64QAM	25	12	20.91	20.85	20.84	20.88	20.9		
10	64QAM	25	25	20.84	20.85	20.86	20.82	20.84		
10	64QAM	50	0	20.82	20.8	20.78	20.79	20.81		
10	256QAM	1	0	18.85	18.73	18.83	18.78	18.70	20	4
10	256QAM	1	25	18.94	18.78	18.90	18.79	18.91		
10	256QAM	1	49	18.94	18.92	18.92	18.83	18.94		
10	256QAM	25	0	18.75	18.88	18.86	18.82	18.87	20	4
10	256QAM	25	12	18.74	18.88	18.74	18.76	18.83		
10	256QAM	25	25	18.75	18.86	18.83	18.88	18.73		
10	256QAM	50	0	18.84	18.94	18.87	18.89	18.85		
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	23.02	23.09	23	23.09	23.03	24	0
5	QPSK	1	12	23	22.96	23.08	23.07	23.06		
5	QPSK	1	24	22.88	22.9	22.94	22.93	22.91		
5	QPSK	12	0	23	22.92	22.92	22.93	22.96	24	0
5	QPSK	12	7	22.94	22.88	22.9	22.87	22.88		
5	QPSK	12	13	22.8	22.87	22.82	22.87	22.81		
5	QPSK	25	0	22.91	22.89	22.85	22.91	22.95		
5	16QAM	1	0	22.77	22.75	22.84	22.81	22.77	24	0
5	16QAM	1	12	22.85	22.91	22.84	22.83	22.86		
5	16QAM	1	24	22.94	22.87	22.92	22.9	22.9		
5	16QAM	12	0	21.93	21.9	21.86	21.93	21.84	23	1
5	16QAM	12	7	21.8	21.83	21.91	21.87	21.91		
5	16QAM	12	13	21.86	21.93	21.89	21.86	21.95		
5	16QAM	25	0	21.84	21.9	21.86	21.86	21.9		
5	64QAM	1	0	21.93	21.94	21.81	21.94	21.94	23	1
5	64QAM	1	12	21.84	21.86	21.8	21.93	21.83		
5	64QAM	1	24	21.9	21.86	21.88	21.83	21.97		
5	64QAM	12	0	20.89	20.94	20.91	20.91	20.9	22	2
5	64QAM	12	7	20.85	20.85	20.87	20.86	20.87		
5	64QAM	12	13	20.88	20.85	20.82	20.82	20.83		
5	64QAM	25	0	20.84	20.85	20.79	20.85	20.82		
5	256QAM	1	0	18.82	18.84	18.80	18.76	18.71	20	4
5	256QAM	1	12	18.94	18.88	18.86	18.89	18.95		
5	256QAM	1	24	18.92	18.90	18.85	18.86	18.90		
5	256QAM	12	0	18.81	18.91	18.90	18.92	18.74	20	4
5	256QAM	12	7	18.88	18.72	18.74	18.75	18.76		
5	256QAM	12	13	18.75	18.88	18.78	18.82	18.83		
5	256QAM	25	0	18.79	18.86	18.83	18.81	18.80		

Band 41 HPUE_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.76	24.86	24.73	24.81	24.81	25.6	0
20	QPSK	1	49	24.68	24.8	24.67	24.79	24.79		
20	QPSK	1	99	24.71	24.83	24.63	24.72	24.7		
20	QPSK	50	0	24.64	24.81	24.68	24.72	24.73	25.6	0
20	QPSK	50	24	24.6	24.72	24.66	24.68	24.65		
20	QPSK	50	50	24.55	24.77	24.67	24.69	24.62		
20	QPSK	100	0	24.51	24.73	24.55	24.61	24.71		
20	16QAM	1	0	24.63	24.8	24.58	24.63	24.65	25.6	0
20	16QAM	1	49	24.59	24.8	24.63	24.63	24.64		
20	16QAM	1	99	24.53	24.69	24.6	24.59	24.6		
20	16QAM	50	0	24	24.1	23.96	24.08	24.09	25	0.6
20	16QAM	50	24	23.91	24.11	23.96	24.03	24.04		
20	16QAM	50	50	23.97	24.12	24.03	24.02	24.12		
20	16QAM	100	0	23.97	24.11	23.97	24.03	24.06		
20	64QAM	1	0	24	24.17	23.99	24.01	24	25	0.6
20	64QAM	1	49	23.96	24.1	23.98	24.11	24.06		
20	64QAM	1	99	24.02	24.16	24.06	24.04	24.12		
20	64QAM	50	0	22.94	23.16	23.02	23.11	23.11	24	1.6
20	64QAM	50	24	22.95	23.08	22.99	23.04	23.05		
20	64QAM	50	50	22.95	23.08	22.98	23.09	23.03		
20	64QAM	100	0	23.02	23.11	23.05	23.05	23.05		
20	256QAM	1	0	21.03	21.09	21.03	21.05	21.08	22	3.6
20	256QAM	1	49	20.99	21.10	20.98	20.99	21.01		
20	256QAM	1	99	21.01	21.13	21.00	21.04	21.08		
20	256QAM	50	0	20.94	21.08	20.97	21.04	21.03	22	3.6
20	256QAM	50	24	20.92	21.18	20.96	21.11	21.05		
20	256QAM	50	50	21.03	21.16	21.06	21.01	21.10		
20	256QAM	100	0	21.02	21.17	21.00	21.09	21.08		
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	24.85	24.78	24.78	24.83	24.78	25.6	0
15	QPSK	1	37	24.68	24.78	24.7	24.79	24.77		
15	QPSK	1	74	24.75	24.74	24.72	24.75	24.72		
15	QPSK	36	0	24.74	24.73	24.74	24.72	24.78	25.6	0
15	QPSK	36	20	24.65	24.69	24.63	24.67	24.7		
15	QPSK	36	39	24.64	24.73	24.68	24.7	24.72		
15	QPSK	75	0	24.7	24.62	24.66	24.67	24.64		
15	16QAM	1	0	24.77	24.76	24.72	24.76	24.73	25.6	0
15	16QAM	1	37	24.78	24.72	24.79	24.74	24.67		
15	16QAM	1	74	24.6	24.68	24.56	24.57	24.57		
15	16QAM	36	0	23.98	24.02	24.05	24.04	24.01	25	0.6
15	16QAM	36	20	24.01	24.04	23.99	24.06	24.04		
15	16QAM	36	39	24.06	24.07	24.1	24.02	24		
15	16QAM	75	0	24.01	24.01	24.01	24.02	24.01		
15	64QAM	1	0	24.12	24.13	24.06	24.07	24.12	25	0.6
15	64QAM	1	37	23.95	24.05	24.03	24.05	24.06		
15	64QAM	1	74	24.14	24.09	24.02	24.05	24.15		
15	64QAM	36	0	23.09	23.13	23.14	23.08	23.09	24	1.6
15	64QAM	36	20	23.03	23.06	23.02	22.99	22.98		
15	64QAM	36	39	23.03	22.98	23.03	22.99	23.01		
15	64QAM	75	0	23.03	23.05	23.06	23.03	23.09		
15	256QAM	1	0	21.02	20.90	21.00	21.08	20.97	22	3.6
15	256QAM	1	37	21.01	20.93	20.96	21.02	20.91		
15	256QAM	1	74	20.97	20.98	21.08	21.06	20.97		
15	256QAM	36	0	20.94	20.95	20.89	20.94	20.92	22	3.6
15	256QAM	36	20	21.04	21.01	21.05	21.12	21.00		
15	256QAM	36	39	21.03	21.03	21.00	21.14	20.97		
15	256QAM	75	0	21.01	21.09	20.99	21.08	21.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.84	24.74	24.74	24.79	24.85	25.6	0
10	QPSK	1	25	24.79	24.79	24.67	24.76	24.75		
10	QPSK	1	49	24.75	24.82	24.79	24.75	24.74		
10	QPSK	25	0	24.79	24.73	24.77	24.73	24.7	25.6	0
10	QPSK	25	12	24.61	24.61	24.66	24.71	24.64		
10	QPSK	25	25	24.67	24.74	24.68	24.67	24.73		
10	QPSK	50	0	24.69	24.68	24.69	24.68	24.62		
10	16QAM	1	0	24.67	24.67	24.74	24.67	24.76	25.6	0
10	16QAM	1	25	24.76	24.67	24.78	24.72	24.78		
10	16QAM	1	49	24.65	24.68	24.67	24.6	24.58		
10	16QAM	25	0	24.07	24.08	24.01	24	24.09	25	0.6
10	16QAM	25	12	24.09	24.08	23.99	24.05	24.01		
10	16QAM	25	25	24.04	23.99	24.01	24.04	24.03		
10	16QAM	50	0	24.05	24.02	24.01	24.04	23.98		
10	64QAM	1	0	24.07	24.11	24.16	24.12	24.06	25	0.6
10	64QAM	1	25	23.99	24.06	24	23.99	24.09		
10	64QAM	1	49	24.06	24.06	24.03	24.05	24.11		
10	64QAM	25	0	23.09	23.09	23.14	23.11	23.1	24	1.6
10	64QAM	25	12	23.06	22.99	23.07	23.01	23.07		
10	64QAM	25	25	23.01	23.02	23	23.03	23.04		
10	64QAM	50	0	23.05	23.04	23.04	23.03	23.09		
10	256QAM	1	0	21.04	20.99	21.05	21.02	21.03	22	3.6
10	256QAM	1	25	20.93	20.90	20.98	20.90	21.00		
10	256QAM	1	49	21.10	21.02	21.02	21.06	20.96		
10	256QAM	25	0	21.06	21.02	21.01	20.91	20.90	22	3.6
10	256QAM	25	12	20.98	21.06	21.06	21.11	21.02		
10	256QAM	25	25	21.05	21.07	21.01	20.96	20.97		
10	256QAM	50	0	21.09	20.97	21.15	21.02	21.13		
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	24.82	24.83	24.8	24.84	24.81	25.6	0
5	QPSK	1	12	24.72	24.78	24.74	24.73	24.78		
5	QPSK	1	24	24.73	24.78	24.7	24.7	24.74		
5	QPSK	12	0	24.77	24.76	24.76	24.72	24.76	25.6	0
5	QPSK	12	7	24.62	24.71	24.61	24.62	24.6		
5	QPSK	12	13	24.66	24.64	24.76	24.66	24.71		
5	QPSK	25	0	24.62	24.67	24.65	24.72	24.62		
5	16QAM	1	0	24.78	24.78	24.67	24.74	24.74	25.6	0
5	16QAM	1	12	24.69	24.79	24.78	24.76	24.76		
5	16QAM	1	24	24.61	24.59	24.58	24.59	24.56		
5	16QAM	12	0	24.09	24	24.01	24.03	23.98	25	0.6
5	16QAM	12	7	24.1	24.06	24.07	24.07	24.04		
5	16QAM	12	13	24.02	24.11	24.08	24.05	24.06		
5	16QAM	25	0	24.06	24.09	24.04	24.08	24.06		
5	64QAM	1	0	24.12	24.13	24.05	24.1	24.02	25	0.6
5	64QAM	1	12	23.95	24.01	24.07	24.04	24.01		
5	64QAM	1	24	24.14	24.14	24.13	24.04	24.13		
5	64QAM	12	0	23.14	23.14	23.14	23.07	23.15	24	1.6
5	64QAM	12	7	22.99	23	23.07	23.02	22.99		
5	64QAM	12	13	22.98	23.02	23	22.98	23		
5	64QAM	25	0	23.07	23.07	23.03	23.04	23.08		
5	256QAM	1	0	20.99	20.95	20.98	20.98	20.93	22	3.6
5	256QAM	1	12	20.94	21.08	21.06	21.06	21.09		
5	256QAM	1	24	20.93	21.08	21.03	20.98	21.12		
5	256QAM	12	0	20.90	20.96	20.93	21.01	20.97	22	3.6
5	256QAM	12	7	21.09	21.10	21.13	21.09	21.00		
5	256QAM	12	13	21.03	21.11	21.01	21.06	21.07		
5	256QAM	25	0	21.16	21.07	20.98	21.09	21.04		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.35	20.49	20.26	21.5	0
20	QPSK	1	49	20.33	20.4	20.21		
20	QPSK	1	99	20.33	20.39	20.14		
20	QPSK	50	0	20.27	20.42	20.14	21.5	0
20	QPSK	50	24	20.25	20.31	20.09		
20	QPSK	50	50	20.21	20.21	20.06		
20	QPSK	100	0	20.26	20.38	20.18		
20	16QAM	1	0	20.31	20.36	20.15	21.5	0
20	16QAM	1	49	20.31	20.24	20.13		
20	16QAM	1	99	20.27	20.34	20.17		
20	16QAM	50	0	20.34	20.33	20.12	21.5	0
20	16QAM	50	24	20.23	20.26	20.04		
20	16QAM	50	50	20.17	20.36	20.07		
20	16QAM	100	0	20.33	20.43	20.2		
20	64QAM	1	0	20.27	20.34	20.14	21.5	0
20	64QAM	1	49	20.32	20.25	20.09		
20	64QAM	1	99	20.26	20.38	20.04		
20	64QAM	50	0	20.13	20.21	20.03	21.5	0
20	64QAM	50	24	20.16	20.11	19.96		
20	64QAM	50	50	20.2	20.33	20.17		
20	64QAM	100	0	20.25	20.24	20.05		
20	256QAM	1	0	18.36	18.45	18.28	19.5	2
20	256QAM	1	49	18.33	18.43	18.21		
20	256QAM	1	99	18.35	18.38	18.19		
20	256QAM	50	0	18.31	18.40	18.22	19.5	2
20	256QAM	50	24	18.32	18.38	18.17		
20	256QAM	50	50	18.27	18.43	18.17		
20	256QAM	100	0	18.28	18.36	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.22	20.13	20.19	21.5	0
15	QPSK	1	37	20.12	20.18	20.08		
15	QPSK	1	74	20.02	20.1	20.13		
15	QPSK	36	0	20.09	20.04	20.01	21.5	0
15	QPSK	36	20	20.07	20.05	19.99		
15	QPSK	36	39	20.02	19.93	20		
15	QPSK	75	0	20.07	20.15	20.06		
15	16QAM	1	0	20.08	20.05	20.07	21.5	0
15	16QAM	1	37	20.07	20.05	20.11		
15	16QAM	1	74	20.15	20.08	20.11		
15	16QAM	36	0	20.09	20.07	20	21.5	0
15	16QAM	36	20	19.97	20.01	19.92		
15	16QAM	36	39	20.04	20.01	19.97		
15	16QAM	75	0	20.13	20.16	20.15		
15	64QAM	1	0	20.09	20	20	21.5	0
15	64QAM	1	37	19.97	19.96	19.94		
15	64QAM	1	74	20	20.01	20.03		
15	64QAM	36	0	19.93	20	19.99	21.5	0
15	64QAM	36	20	19.89	19.9	19.91		
15	64QAM	36	39	20.11	20.15	20.13		
15	64QAM	75	0	19.98	19.93	19.95		
15	256QAM	1	0	18.21	18.23	18.12	19.5	2
15	256QAM	1	37	18.13	18.16	18.17		
15	256QAM	1	74	18.17	18.09	18.15		
15	256QAM	36	0	18.18	18.11	18.04	19.5	2
15	256QAM	36	20	18.03	17.97	18.11		
15	256QAM	36	39	18.09	17.98	18.01		
15	256QAM	75	0	18.16	18.15	18.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	20.24	20.16	20.15	21.5	0
10	QPSK	1	25	20.16	20.1	20.1		
10	QPSK	1	49	20.03	20.13	20.1		
10	QPSK	25	0	20.01	20.1	20.12	21.5	0
10	QPSK	25	12	19.99	20.01	20.01		
10	QPSK	25	25	19.98	20.04	20		
10	QPSK	50	0	20.13	20.12	20.16	21.5	0
10	16QAM	1	0	20.08	20.13	20.12		
10	16QAM	1	25	20.01	20.09	20.09	21.5	0
10	16QAM	1	49	20.14	20.07	20.12		
10	16QAM	25	0	20.11	20.02	20.1	21.5	0
10	16QAM	25	12	19.94	19.99	19.93		
10	16QAM	25	25	19.98	19.94	20.01		
10	16QAM	50	0	20.17	20.07	20.11	21.5	0
10	64QAM	1	0	20.05	20.02	20		
10	64QAM	1	25	19.96	20.02	20.08	21.5	0
10	64QAM	1	49	19.97	19.98	19.98		
10	64QAM	25	0	19.97	19.96	19.97	21.5	0
10	64QAM	25	12	19.93	19.9	19.93		
10	64QAM	25	25	20.13	20.14	20.08		
10	64QAM	50	0	20.04	20.04	19.97		
10	256QAM	1	0	18.12	18.22	18.11	19.5	2
10	256QAM	1	25	18.13	18.15	18.16		
10	256QAM	1	49	18.17	18.10	18.17		
10	256QAM	25	0	18.06	18.05	18.20	19.5	2
10	256QAM	25	12	18.11	18.06	18.12		
10	256QAM	25	25	18.09	18.12	18.09		
10	256QAM	50	0	18.12	18.15	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2567.5	2595	2617.5		
5	QPSK	1	0	20.24	20.13	20.23	21.5	0
5	QPSK	1	12	20.13	20.19	20.13		
5	QPSK	1	24	20.08	20.03	20.02		
5	QPSK	12	0	20.08	20.05	20.12	21.5	0
5	QPSK	12	7	20.01	19.96	20.07		
5	QPSK	12	13	19.98	20.04	19.94		
5	QPSK	25	0	20.13	20.14	20.12	21.5	0
5	16QAM	1	0	20.14	20.04	20.04		
5	16QAM	1	12	20.08	20.01	20.05		
5	16QAM	1	24	20.08	20.06	20.11		
5	16QAM	12	0	20.02	20.04	20.09	21.5	0
5	16QAM	12	7	20	19.94	19.94		
5	16QAM	12	13	20.02	19.98	20.03		
5	16QAM	25	0	20.12	20.14	20.15		
5	64QAM	1	0	20.12	20.05	20.11	21.5	0
5	64QAM	1	12	20.01	20.02	19.97		
5	64QAM	1	24	19.9	19.93	20.03		
5	64QAM	12	0	19.99	19.97	19.94	21.5	0
5	64QAM	12	7	19.94	19.89	19.94		
5	64QAM	12	13	20.08	20.12	20.16		
5	64QAM	25	0	20	20.02	19.98		
5	256QAM	1	0	18.25	18.23	18.11	19.5	2
5	256QAM	1	12	18.16	18.11	18.11		
5	256QAM	1	24	18.05	18.17	18.00		
5	256QAM	12	0	18.09	18.11	18.12	19.5	2
5	256QAM	12	7	17.98	18.10	18.14		
5	256QAM	12	13	18.14	18.02	17.98		
5	256QAM	25	0	18.13	18.15	18.18		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.62	21.69	21.42	23	0
20	QPSK	1	49	21.58	21.57	21.59		
20	QPSK	1	99	21.57	21.56	21.59		
20	QPSK	50	0	21.57	21.62	21.5	23	0
20	QPSK	50	24	21.58	21.58	21.46		
20	QPSK	50	50	21.47	21.5	21.48		
20	QPSK	100	0	21.51	21.54	21.52		
20	16QAM	1	0	21.58	21.67	21.53	23	0
20	16QAM	1	49	21.5	21.48	21.5		
20	16QAM	1	99	21.58	21.53	21.46		
20	16QAM	50	0	21.02	21	20.95	22.5	0.5
20	16QAM	50	24	20.93	21.05	21		
20	16QAM	50	50	20.88	20.95	20.89		
20	16QAM	100	0	20.93	20.97	20.91		
20	64QAM	1	0	21.08	21.08	21.03	22.5	0.5
20	64QAM	1	49	20.98	21.06	21.01		
20	64QAM	1	99	21	20.96	21.08		
20	64QAM	50	0	19.98	20.11	19.94	21.5	1.5
20	64QAM	50	24	20.05	20.06	20		
20	64QAM	50	50	19.85	19.93	19.95		
20	64QAM	100	0	19.88	19.97	19.9		
20	256QAM	1	0	18.10	18.18	18.05	19.5	3.5
20	256QAM	1	49	17.96	18.03	18.04		
20	256QAM	1	99	17.96	18.02	17.99		
20	256QAM	50	0	17.97	18.07	17.90	19.5	3.5
20	256QAM	50	24	17.97	18.00	17.98		
20	256QAM	50	50	17.94	17.92	17.88		
20	256QAM	100	0	17.89	17.99	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.58	21.6	21.53	23	0
15	QPSK	1	37	21.56	21.56	21.58		
15	QPSK	1	74	21.51	21.48	21.47		
15	QPSK	36	0	21.5	21.59	21.38	23	0
15	QPSK	36	20	21.24	21.34	21.31		
15	QPSK	36	39	21.4	21.38	21.43		
15	QPSK	75	0	21.4	21.43	21.5		
15	16QAM	1	0	21.47	21.62	21.51	23	0
15	16QAM	1	37	21.49	21.4	21.44		
15	16QAM	1	74	21.46	21.49	21.38		
15	16QAM	36	0	20.98	20.9	20.94	22.5	0.5
15	16QAM	36	20	20.98	21.03	20.99		
15	16QAM	36	39	20.8	20.9	20.88		
15	16QAM	75	0	20.83	20.96	20.89		
15	64QAM	1	0	21.08	21.03	21	22.5	0.5
15	64QAM	1	37	20.95	20.99	20.98		
15	64QAM	1	74	20.98	20.93	21.01		
15	64QAM	36	0	19.94	19.99	19.93	21.5	1.5
15	64QAM	36	20	19.96	19.99	19.94		
15	64QAM	36	39	19.79	19.84	19.94		
15	64QAM	75	0	19.78	19.9	19.85		
15	256QAM	1	0	18.05	18.14	17.97	19.5	3.5
15	256QAM	1	37	17.93	17.98	17.95		
15	256QAM	1	74	17.94	17.91	17.94		
15	256QAM	36	0	17.96	18.04	17.81	19.5	3.5
15	256QAM	36	20	17.92	17.94	17.88		
15	256QAM	36	39	17.87	17.88	17.86		
15	256QAM	75	0	17.81	17.91	17.90		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	21.66	21.66	21.59	23	0
10	QPSK	1	25	21.54	21.52	21.51		
10	QPSK	1	49	21.47	21.55	21.52		
10	QPSK	25	0	21.46	21.61	21.47	23	0
10	QPSK	25	12	21.57	21.53	21.45		
10	QPSK	25	25	21.45	21.44	21.45		
10	QPSK	50	0	21.44	21.47	21.46		
10	16QAM	1	0	21.57	21.64	21.49	23	0
10	16QAM	1	25	21.44	21.47	21.46		
10	16QAM	1	49	21.34	21.52	21.43		
10	16QAM	25	0	20.96	20.95	20.9	22.5	0.5
10	16QAM	25	12	21.05	21.03	20.95		
10	16QAM	25	25	20.88	20.9	20.79		
10	16QAM	50	0	20.85	20.92	20.81		
10	64QAM	1	0	21.05	21.07	20.97	22.5	0.5
10	64QAM	1	25	20.88	20.99	20.92		
10	64QAM	1	49	20.94	20.92	21		
10	64QAM	25	0	19.95	20.02	19.88	21.5	1.5
10	64QAM	25	12	19.9	19.95	19.88		
10	64QAM	25	25	19.75	19.85	19.93		
10	64QAM	50	0	19.88	19.85	19.88		
10	256QAM	1	0	18.08	18.07	18.02	19.5	3.5
10	256QAM	1	25	17.92	17.98	18.00		
10	256QAM	1	49	17.90	17.94	17.92		
10	256QAM	25	0	17.96	18.00	17.85	19.5	3.5
10	256QAM	25	12	17.94	17.97	17.96		
10	256QAM	25	25	17.88	17.88	17.86		
10	256QAM	50	0	17.79	17.87	17.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2567.5	2595	2617.5		
5	QPSK	1	0	21.58	21.65	21.52	23	0
5	QPSK	1	12	21.53	21.49	21.51		
5	QPSK	1	24	21.53	21.46	21.46		
5	QPSK	12	0	21.56	21.53	21.46	23	0
5	QPSK	12	7	21.55	21.48	21.46		
5	QPSK	12	13	21.38	21.43	21.37		
5	QPSK	25	0	21.44	21.5	21.4		
5	16QAM	1	0	21.53	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.43	21.46		
5	16QAM	1	24	21.46	21.44	21.37		
5	16QAM	12	0	20.98	20.9	20.88	22.5	0.5
5	16QAM	12	7	20.99	21.01	20.95		
5	16QAM	12	13	20.85	20.9	20.77		
5	16QAM	25	0	20.82	20.9	20.83		
5	64QAM	1	0	21.02	20.96	20.91	22.5	0.5
5	64QAM	1	12	20.86	20.96	20.91		
5	64QAM	1	24	20.88	20.85	21.01		
5	64QAM	12	0	19.88	20.08	19.83	21.5	1.5
5	64QAM	12	7	20.01	20.05	19.98		
5	64QAM	12	13	19.75	19.85	19.94		
5	64QAM	25	0	19.81	19.92	19.83		
5	256QAM	1	0	18.01	18.11	17.95	19.5	3.5
5	256QAM	1	12	17.88	17.98	17.95		
5	256QAM	1	24	17.85	17.99	17.95		
5	256QAM	12	0	17.96	18.03	17.88	19.5	3.5
5	256QAM	12	7	17.93	17.97	17.88		
5	256QAM	12	13	17.93	17.90	17.87		
5	256QAM	25	0	17.84	17.93	17.91		

Band 38_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.83	19.95	19.81	21	0
20	QPSK	1	49	19.82	19.83	19.77		
20	QPSK	1	99	19.83	19.78	19.84		
20	QPSK	50	0	19.73	19.94	19.72	21	0
20	QPSK	50	24	19.75	19.81	19.7		
20	QPSK	50	50	19.76	19.84	19.74		
20	QPSK	100	0	19.71	19.76	19.65		
20	16QAM	1	0	19.75	19.85	19.74	21	0
20	16QAM	1	49	19.76	19.68	19.69		
20	16QAM	1	99	19.73	19.75	19.72		
20	16QAM	50	0	19.66	19.9	19.68	21	0
20	16QAM	50	24	19.7	19.9	19.62		
20	16QAM	50	50	19.66	19.76	19.7		
20	16QAM	100	0	19.65	19.84	19.6		
20	64QAM	1	0	19.79	19.94	19.75	21	0
20	64QAM	1	49	19.72	19.68	19.78		
20	64QAM	1	99	19.73	19.69	19.8		
20	64QAM	50	0	19.62	19.9	19.64	21	0
20	64QAM	50	24	19.63	19.79	19.67		
20	64QAM	50	50	19.71	19.81	19.71		
20	64QAM	100	0	19.59	19.7	19.61		
20	256QAM	1	0	19.26	19.43	19.28	20.5	0.5
20	256QAM	1	49	19.13	19.34	19.22		
20	256QAM	1	99	19.29	19.08	19.25		
20	256QAM	50	0	19.04	19.37	19.02	20.5	0.5
20	256QAM	50	24	19.08	19.26	19.08		
20	256QAM	50	50	19.10	19.27	19.09		
20	256QAM	100	0	19.04	19.15	19.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.83	19.78	21	0
15	QPSK	1	37	19.81	19.81	19.71		
15	QPSK	1	74	19.76	19.74	19.78		
15	QPSK	36	0	19.81	19.89	19.65	21	0
15	QPSK	36	20	19.66	19.79	19.58		
15	QPSK	36	39	19.75	19.72	19.63		
15	QPSK	75	0	19.6	19.68	19.64		
15	16QAM	1	0	19.74	19.75	19.73	21	0
15	16QAM	1	37	19.66	19.77	19.64		
15	16QAM	1	74	19.72	19.74	19.71		
15	16QAM	36	0	19.55	19.63	19.63	21	0
15	16QAM	36	20	19.66	19.66	19.52		
15	16QAM	36	39	19.64	19.68	19.64		
15	16QAM	75	0	19.61	19.63	19.55		
15	64QAM	1	0	19.71	19.66	19.7	21	0
15	64QAM	1	37	19.67	19.65	19.73		
15	64QAM	1	74	19.68	19.6	19.71		
15	64QAM	36	0	19.5	19.69	19.6	21	0
15	64QAM	36	20	19.61	19.73	19.61		
15	64QAM	36	39	19.63	19.73	19.69		
15	64QAM	75	0	19.59	19.65	19.58		
15	256QAM	1	0	19.7	19.66	19.72	20.5	0.5
15	256QAM	1	37	19.51	19.73	19.64		
15	256QAM	1	74	19.66	19.55	19.65		
15	256QAM	36	0	19.53	19.78	19.51	20.5	0.5
15	256QAM	36	20	19.47	19.72	19.46		
15	256QAM	36	39	19.56	19.67	19.55		
15	256QAM	75	0	19.49	19.60	19.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	19.76	19.65	19.79	21	0
10	QPSK	1	25	19.77	19.62	19.72		
10	QPSK	1	49	19.74	19.75	19.74		
10	QPSK	25	0	19.71	19.67	19.67	21	0
10	QPSK	25	12	19.63	19.67	19.6		
10	QPSK	25	25	19.67	19.74	19.62		
10	QPSK	50	0	19.69	19.69	19.59		
10	16QAM	1	0	19.71	19.73	19.62	21	0
10	16QAM	1	25	19.71	19.67	19.68		
10	16QAM	1	49	19.62	19.63	19.68		
10	16QAM	25	0	19.56	19.64	19.57	21	0
10	16QAM	25	12	19.6	19.67	19.52		
10	16QAM	25	25	19.54	19.74	19.53		
10	16QAM	50	0	19.56	19.58	19.53		
10	64QAM	1	0	19.68	19.67	19.7	21	0
10	64QAM	1	25	19.7	19.62	19.66		
10	64QAM	1	49	19.62	19.68	19.78		
10	64QAM	25	0	19.55	19.79	19.55	21	0
10	64QAM	25	12	19.54	19.68	19.59		
10	64QAM	25	25	19.65	19.73	19.61		
10	64QAM	50	0	19.47	19.59	19.49		
10	256QAM	1	0	19.71	19.86	19.76	20.5	0.5
10	256QAM	1	25	19.59	19.81	19.67		
10	256QAM	1	49	19.54	19.47	19.73		
10	256QAM	25	0	19.44	19.83	19.51	20.5	0.5
10	256QAM	25	12	19.47	19.70	19.57		
10	256QAM	25	25	19.49	19.70	19.57		
10	256QAM	50	0	19.33	19.62	19.39		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2567.5	2595	2617.5		
5	QPSK	1	0	19.72	19.67	19.79	21	0
5	QPSK	1	12	19.76	19.65	19.7		
5	QPSK	1	24	19.79	19.73	19.78		
5	QPSK	12	0	19.81	19.84	19.64	21	0
5	QPSK	12	7	19.65	19.79	19.6		
5	QPSK	12	13	19.68	19.83	19.71		
5	QPSK	25	0	19.61	19.75	19.57		
5	16QAM	1	0	19.65	19.8	19.67	21	0
5	16QAM	1	12	19.7	19.8	19.63		
5	16QAM	1	24	19.65	19.72	19.64		
5	16QAM	12	0	19.38	19.63	19.59	21	0
5	16QAM	12	7	19.69	19.81	19.54		
5	16QAM	12	13	19.54	19.68	19.6		
5	16QAM	25	0	19.63	19.6	19.56		
5	64QAM	1	0	19.66	19.67	19.71	21	0
5	64QAM	1	12	19.6	19.68	19.74		
5	64QAM	1	24	19.69	19.68	19.7		
5	64QAM	12	0	19.32	19.67	19.6	21	0
5	64QAM	12	7	19.55	19.77	19.65		
5	64QAM	12	13	19.6	19.69	19.64		
5	64QAM	25	0	19.49	19.6	19.54		
5	256QAM	1	0	19.74	19.81	19.77	20.5	0.5
5	256QAM	1	12	19.61	19.75	19.67		
5	256QAM	1	24	19.62	19.34	19.73		
5	256QAM	12	0	19.44	19.79	19.43	20.5	0.5
5	256QAM	12	7	19.49	19.68	19.56		
5	256QAM	12	13	19.58	19.66	19.57		
5	256QAM	25	0	19.47	19.60	19.44		

Band 41_ANT 2

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	20.44	20.57	20.54	20.51	20.53	21.5	0
20	QPSK	1	49	20.41	20.54	20.42	20.5	20.42		
20	QPSK	1	99	20.42	20.46	20.45	20.41	20.42		
20	QPSK	50	0	20.38	20.52	20.47	20.41	20.49	21.5	0
20	QPSK	50	24	20.32	20.51	20.43	20.39	20.49		
20	QPSK	50	50	20.35	20.45	20.5	20.49	20.45		
20	QPSK	100	0	20.42	20.48	20.44	20.47	20.43		
20	16QAM	1	0	20.43	20.56	20.53	20.48	20.44	21.5	0
20	16QAM	1	49	20.29	20.49	20.41	20.43	20.3		
20	16QAM	1	99	20.32	20.36	20.42	20.29	20.3		
20	16QAM	50	0	20.33	20.51	20.43	20.29	20.41	21.5	0
20	16QAM	50	24	20.26	20.5	20.35	20.34	20.41		
20	16QAM	50	50	20.23	20.36	20.45	20.4	20.4		
20	16QAM	100	0	20.39	20.4	20.36	20.43	20.34		
20	64QAM	1	0	20.34	20.46	20.53	20.44	20.48	21.5	0
20	64QAM	1	49	20.31	20.53	20.39	20.39	20.31		
20	64QAM	1	99	20.37	20.38	20.36	20.35	20.41		
20	64QAM	50	0	20.28	20.43	20.37	20.4	20.42	21.5	0
20	64QAM	50	24	20.26	20.47	20.35	20.34	20.42		
20	64QAM	50	50	20.25	20.39	20.43	20.48	20.35		
20	64QAM	100	0	20.41	20.38	20.34	20.41	20.36		
20	256QAM	1	0	18.90	18.95	18.91	18.93	18.92	20	1.5
20	256QAM	1	49	18.83	19.06	19.02	18.96	18.95		
20	256QAM	1	99	18.85	18.95	18.93	18.95	18.98		
20	256QAM	50	0	18.91	18.95	18.93	18.95	18.99	20	1.5
20	256QAM	50	24	18.90	19.01	18.93	18.89	19.01		
20	256QAM	50	50	18.88	19.00	18.97	18.88	18.94		
20	256QAM	100	0	18.81	18.99	18.94	18.95	18.97		
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	20.36	20.36	20.54	20.57	20.54	21.50	0
15	QPSK	1	37	20.36	20.36	20.52	20.44	20.47		
15	QPSK	1	74	20.36	20.36	20.43	20.42	20.47		
15	QPSK	36	0	20.41	20.41	20.57	20.42	20.44	21.5	0
15	QPSK	36	20	20.33	20.33	20.42	20.41	20.43		
15	QPSK	36	39	20.34	20.34	20.37	20.41	20.45		
15	QPSK	75	0	20.39	20.39	20.38	20.43	20.38		
15	16QAM	1	0	20.46	20.46	20.46	20.44	20.42	21.5	0
15	16QAM	1	37	20.22	20.22	20.44	20.46	20.3		
15	16QAM	1	74	20.3	20.3	20.4	20.37	20.24		
15	16QAM	36	0	20.33	20.33	20.49	20.4	20.31	21.5	0
15	16QAM	36	20	20.19	20.19	20.43	20.25	20.39		
15	16QAM	36	39	20.18	20.18	20.35	20.44	20.4		
15	16QAM	75	0	20.4	20.4	20.32	20.27	20.34		
15	64QAM	1	0	20.32	20.32	20.43	20.53	20.4	21.5	0
15	64QAM	1	37	20.25	20.25	20.57	20.42	20.25		
15	64QAM	1	74	20.32	20.32	20.37	20.3	20.33		
15	64QAM	36	0	20.3	20.3	20.4	20.4	20.34	21.5	0
15	64QAM	36	20	20.28	20.28	20.39	20.32	20.45		
15	64QAM	36	39	20.25	20.25	20.32	20.35	20.38		
15	64QAM	75	0	20.37	20.37	20.3	20.3	20.28		
15	256QAM	1	0	18.86	19.06	19.00	18.91	19.01	20	1.5
15	256QAM	1	37	18.89	19.01	18.93	18.93	18.99		
15	256QAM	1	74	18.88	19.00	19.03	18.91	18.98		
15	256QAM	36	0	18.86	18.95	18.97	18.90	18.94	20	1.5
15	256QAM	36	20	18.90	18.99	18.95	18.93	18.90		
15	256QAM	36	39	18.91	19.03	18.97	18.94	18.90		
15	256QAM	75	0	18.84	19.04	18.91	18.92	18.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.37	20.37	20.5	20.52	20.53	21.50	0
10	QPSK	1	25	20.33	20.33	20.53	20.47	20.33		
10	QPSK	1	49	20.37	20.37	20.47	20.45	20.46		
10	QPSK	25	0	20.4	20.4	20.46	20.4	20.5	21.5	0
10	QPSK	25	12	20.32	20.32	20.42	20.44	20.48		
10	QPSK	25	25	20.38	20.38	20.39	20.53	20.49		
10	QPSK	50	0	20.42	20.42	20.4	20.34	20.44		
10	16QAM	1	0	20.43	20.43	20.55	20.56	20.46	21.5	0
10	16QAM	1	25	20.31	20.31	20.44	20.36	20.26		
10	16QAM	1	49	20.29	20.29	20.31	20.37	20.25		
10	16QAM	25	0	20.26	20.26	20.49	20.4	20.39	21.5	0
10	16QAM	25	12	20.3	20.3	20.44	20.39	20.34		
10	16QAM	25	25	20.24	20.24	20.39	20.35	20.44		
10	16QAM	50	0	20.35	20.35	20.35	20.39	20.36		
10	64QAM	1	0	20.36	20.36	20.39	20.46	20.45	21.5	0
10	64QAM	1	25	20.3	20.3	20.56	20.3	20.32		
10	64QAM	1	49	20.38	20.38	20.33	20.36	20.41		
10	64QAM	25	0	20.28	20.28	20.33	20.42	20.4	21.5	0
10	64QAM	25	12	20.21	20.21	20.48	20.39	20.47		
10	64QAM	25	25	20.22	20.22	20.41	20.34	20.32		
10	64QAM	50	0	20.32	20.32	20.31	20.3	20.38		
10	256QAM	1	0	18.91	18.97	18.98	18.91	19.00	20	1.5
10	256QAM	1	25	18.81	19.05	18.99	18.96	18.91		
10	256QAM	1	49	18.87	19.05	18.96	18.99	18.95		
10	256QAM	25	0	18.91	18.98	18.91	18.91	18.93	20	1.5
10	256QAM	25	12	18.90	18.97	18.93	18.93	19.01		
10	256QAM	25	25	18.86	18.97	18.93	18.88	18.97		
10	256QAM	50	0	18.90	18.97	18.99	18.90	18.98		
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	20.39	20.39	20.49	20.53	20.55	21.50	0
5	QPSK	1	12	20.35	20.35	20.48	20.4	20.41		
5	QPSK	1	24	20.33	20.33	20.48	20.46	20.42		
5	QPSK	12	0	20.41	20.41	20.53	20.4	20.53	21.5	0
5	QPSK	12	7	20.37	20.37	20.48	20.4	20.5		
5	QPSK	12	13	20.29	20.29	20.5	20.51	20.37		
5	QPSK	25	0	20.43	20.43	20.42	20.47	20.41		
5	16QAM	1	0	20.35	20.35	20.55	20.54	20.46	21.5	0
5	16QAM	1	12	20.29	20.29	20.39	20.37	20.25		
5	16QAM	1	24	20.24	20.24	20.36	20.37	20.22		
5	16QAM	12	0	20.3	20.3	20.52	20.39	20.34	21.5	0
5	16QAM	12	7	20.18	20.18	20.43	20.28	20.46		
5	16QAM	12	13	20.24	20.24	20.27	20.49	20.43		
5	16QAM	25	0	20.43	20.43	20.41	20.32	20.34		
5	64QAM	1	0	20.33	20.33	20.44	20.43	20.44	21.5	0
5	64QAM	1	12	20.24	20.24	20.48	20.29	20.35		
5	64QAM	1	24	20.29	20.29	20.35	20.3	20.43		
5	64QAM	12	0	20.31	20.31	20.36	20.39	20.34	21.5	0
5	64QAM	12	7	20.27	20.27	20.42	20.34	20.34		
5	64QAM	12	13	20.28	20.28	20.38	20.48	20.37		
5	64QAM	25	0	20.32	20.32	20.42	20.31	20.26		
5	256QAM	1	0	18.93	18.95	18.96	18.92	19.02	20	1.5
5	256QAM	1	12	18.83	19.03	19.00	18.89	18.94		
5	256QAM	1	24	18.83	18.97	18.95	18.90	18.93		
5	256QAM	12	0	18.88	19.05	19.01	18.96	18.91	20	1.5
5	256QAM	12	7	18.81	18.96	18.92	18.97	18.96		
5	256QAM	12	13	18.81	19.05	19.01	18.89	18.95		
5	256QAM	25	0	18.93	19.06	19.02	18.93	18.98		

Band 41 HPUE_ANT 2

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	22.51	22.53	22.45	22.31	22.47	23.1	0
20	QPSK	1	49	22.48	22.42	22.37	22.25	22.35		
20	QPSK	1	99	22.47	22.49	22.37	22.23	22.38		
20	QPSK	50	0	22.42	22.47	22.33	22.19	22.41	23.1	0
20	QPSK	50	24	22.39	22.45	22.37	22.27	22.46		
20	QPSK	50	50	22.37	22.44	22.37	22.25	22.39		
20	QPSK	100	0	22.27	22.43	22.41	22.2	22.37		
20	16QAM	1	0	22.43	22.52	22.43	22.22	22.42	23.1	0
20	16QAM	1	49	22.37	22.41	22.32	22.15	22.33		
20	16QAM	1	99	22.46	22.47	22.3	22.22	22.34		
20	16QAM	50	0	22.34	22.39	22.3	22.08	22.38	23.1	0
20	16QAM	50	24	22.34	22.35	22.36	22.17	22.41		
20	16QAM	50	50	22.36	22.41	22.3	22.14	22.34		
20	16QAM	100	0	22.15	22.39	22.3	22.14	22.28		
20	64QAM	1	0	22.48	22.49	22.35	22.19	22.46	23.1	0
20	64QAM	1	49	22.47	22.39	22.28	22.18	22.26		
20	64QAM	1	99	22.44	22.45	22.33	22.22	22.26		
20	64QAM	50	0	22.41	22.35	22.32	22.08	22.4	23.1	0
20	64QAM	50	24	22.36	22.36	22.32	22.21	22.39		
20	64QAM	50	50	22.31	22.35	22.25	22.2	22.32		
20	64QAM	100	0	22.15	22.31	22.31	22.12	22.34		
20	256QAM	1	0	21.35	21.33	21.31	21.17	21.25	22	1.1
20	256QAM	1	49	21.39	21.40	21.28	21.19	21.36		
20	256QAM	1	99	21.31	21.32	21.29	21.19	21.34		
20	256QAM	50	0	21.36	21.38	21.33	21.14	21.34	22	1.1
20	256QAM	50	24	21.38	21.40	21.24	21.10	21.31		
20	256QAM	50	50	21.38	21.34	21.30	21.18	21.33		
20	256QAM	100	0	21.28	21.42	21.26	21.11	21.35		
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	22.41	22.41	22.52	22.37	22.5	23.1	0
15	QPSK	1	37	22.46	22.46	22.39	22.36	22.29		
15	QPSK	1	74	22.41	22.41	22.45	22.4	22.39		
15	QPSK	36	0	22.33	22.33	22.43	22.29	22.36	23.1	0
15	QPSK	36	20	22.41	22.41	22.44	22.33	22.5		
15	QPSK	36	39	22.41	22.41	22.44	22.34	22.31		
15	QPSK	75	0	22.17	22.17	22.41	22.39	22.35		
15	16QAM	1	0	22.45	22.45	22.42	22.37	22.46	23.1	0
15	16QAM	1	37	22.28	22.28	22.41	22.29	22.34		
15	16QAM	1	74	22.51	22.51	22.38	22.3	22.34		
15	16QAM	36	0	22.37	22.37	22.41	22.3	22.3	23.1	0
15	16QAM	36	20	22.26	22.26	22.39	22.3	22.42		
15	16QAM	36	39	22.41	22.41	22.32	22.35	22.35		
15	16QAM	75	0	22.13	22.13	22.3	22.29	22.28		
15	64QAM	1	0	22.5	22.5	22.43	22.28	22.43	23.1	0
15	64QAM	1	37	22.4	22.4	22.32	22.19	22.24		
15	64QAM	1	74	22.44	22.44	22.5	22.35	22.19		
15	64QAM	36	0	22.46	22.46	22.25	22.31	22.45	23.1	0
15	64QAM	36	20	22.29	22.29	22.28	22.27	22.33		
15	64QAM	36	39	22.36	22.36	22.4	22.17	22.3		
15	64QAM	75	0	22.09	22.09	22.33	22.32	22.26		
15	256QAM	1	0	21.32	21.37	21.34	21.13	21.36	22	1.1
15	256QAM	1	37	21.32	21.37	21.26	21.16	21.27		
15	256QAM	1	74	21.40	21.34	21.22	21.13	21.26		
15	256QAM	36	0	21.36	21.35	21.33	21.10	21.27	22	1.1
15	256QAM	36	20	21.39	21.36	21.27	21.09	21.31		
15	256QAM	36	39	21.39	21.33	21.26	21.19	21.34		
15	256QAM	75	0	21.31	21.42	21.29	21.16	21.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.45	22.45	22.46	22.43	22.44	23	0
10	QPSK	1	25	22.5	22.5	22.42	22.28	22.32		
10	QPSK	1	49	22.38	22.38	22.4	22.32	22.32		
10	QPSK	25	0	22.41	22.41	22.47	22.24	22.44	23.1	0
10	QPSK	25	12	22.39	22.39	22.42	22.28	22.48		
10	QPSK	25	25	22.35	22.35	22.47	22.36	22.44		
10	QPSK	50	0	22.3	22.3	22.39	22.45	22.39		
10	16QAM	1	0	22.34	22.34	22.53	22.4	22.34	23.1	0
10	16QAM	1	25	22.41	22.41	22.44	22.24	22.37		
10	16QAM	1	49	22.41	22.41	22.37	22.21	22.35		
10	16QAM	25	0	22.27	22.27	22.35	22.21	22.42	23.1	0
10	16QAM	25	12	22.29	22.29	22.34	22.34	22.35		
10	16QAM	25	25	22.4	22.4	22.42	22.22	22.32		
10	16QAM	50	0	22.08	22.08	22.3	22.28	22.2		
10	64QAM	1	0	22.43	22.43	22.42	22.33	22.49	23.1	0
10	64QAM	1	25	22.52	22.52	22.44	22.32	22.25		
10	64QAM	1	49	22.43	22.43	22.44	22.34	22.2		
10	64QAM	25	0	22.36	22.36	22.36	22.35	22.36	23.1	0
10	64QAM	25	12	22.37	22.37	22.32	22.29	22.35		
10	64QAM	25	25	22.22	22.22	22.25	22.16	22.3		
10	64QAM	50	0	22.1	22.1	22.28	22.22	22.31		
10	256QAM	1	0	21.29	21.40	21.29	21.11	21.24	22	1.1
10	256QAM	1	25	21.29	21.35	21.34	21.13	21.25		
10	256QAM	1	49	21.40	21.35	21.34	21.11	21.35		
10	256QAM	25	0	21.37	21.41	21.22	21.18	21.35	22	1.1
10	256QAM	25	12	21.35	21.38	21.26	21.19	21.25		
10	256QAM	25	25	21.37	21.40	21.28	21.13	21.30		
10	256QAM	50	0	21.38	21.32	21.25	21.20	21.33		
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	22.48	22.48	22.49	22.46	22.47	23.10	0
5	QPSK	1	12	22.5	22.5	22.33	22.36	22.39		
5	QPSK	1	24	22.48	22.48	22.43	22.34	22.37		
5	QPSK	12	0	22.33	22.33	22.45	22.24	22.31	23.1	0
5	QPSK	12	7	22.4	22.4	22.45	22.31	22.49		
5	QPSK	12	13	22.27	22.27	22.46	22.3	22.34		
5	QPSK	25	0	22.31	22.31	22.39	22.45	22.39		
5	16QAM	1	0	22.33	22.33	22.51	22.37	22.39	23.1	0
5	16QAM	1	12	22.32	22.32	22.35	22.24	22.23		
5	16QAM	1	24	22.46	22.46	22.45	22.29	22.27		
5	16QAM	12	0	22.26	22.26	22.38	22.35	22.36	23.1	0
5	16QAM	12	7	22.26	22.26	22.37	22.26	22.35		
5	16QAM	12	13	22.35	22.35	22.36	22.31	22.37		
5	16QAM	25	0	22.1	22.1	22.39	22.22	22.32		
5	64QAM	1	0	22.51	22.51	22.5	22.3	22.43	23.1	0
5	64QAM	1	12	22.48	22.48	22.33	22.32	22.24		
5	64QAM	1	24	22.48	22.48	22.35	22.37	22.16		
5	64QAM	12	0	22.35	22.35	22.29	22.25	22.3	23.1	0
5	64QAM	12	7	22.36	22.36	22.3	22.34	22.33		
5	64QAM	12	13	22.22	22.22	22.32	22.25	22.3		
5	64QAM	25	0	22.13	22.13	22.27	22.28	22.33		
5	256QAM	1	0	21.30	21.36	21.27	21.20	21.30	22	1.1
5	256QAM	1	12	21.34	21.32	21.25	21.10	21.25		
5	256QAM	1	24	21.37	21.31	21.23	21.14	21.27		
5	256QAM	12	0	21.37	21.34	21.24	21.20	21.30	22	1.1
5	256QAM	12	7	21.38	21.30	21.34	21.20	21.24		
5	256QAM	12	13	21.29	21.38	21.31	21.08	21.29		
5	256QAM	25	0	21.35	21.36	21.29	21.14	21.26		

Band 41_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.77	21.81	21.8	21.71	21.55	23	0
20	QPSK	1	49	21.66	21.67	21.62	21.62	21.59		
20	QPSK	1	99	21.75	21.66	21.63	21.58	21.54		
20	QPSK	50	0	21.69	21.71	21.41	21.59	21.45	23	0
20	QPSK	50	24	21.61	21.6	21.6	21.5	21.54		
20	QPSK	50	50	21.68	21.62	21.53	21.55	21.5		
20	QPSK	100	0	21.63	21.67	21.62	21.47	21.47		
20	16QAM	1	0	21.73	21.69	21.44	21.59	21.44	23	0
20	16QAM	1	49	21.61	21.66	21.51	21.51	21.47		
20	16QAM	1	99	21.67	21.58	21.52	21.54	21.53		
20	16QAM	50	0	21.62	21.68	21.31	21.54	21.41	23	0
20	16QAM	50	24	21.58	21.51	21.48	21.42	21.49		
20	16QAM	50	50	21.65	21.56	21.51	21.43	21.48		
20	16QAM	100	0	21.57	21.58	21.53	21.43	21.43		
20	64QAM	1	0	21.72	21.73	21.39	21.6	21.48	23	0
20	64QAM	1	49	21.59	21.58	21.58	21.58	21.47		
20	64QAM	1	99	21.67	21.59	21.53	21.53	21.42		
20	64QAM	50	0	20.34	20.39	20.02	20.22	20.12	22.5	0.5
20	64QAM	50	24	20.29	20.24	20.21	20.16	20.18		
20	64QAM	50	50	20.27	20.26	20.13	20.2	20.08		
20	64QAM	100	0	20.32	20.29	20.31	20.16	20.15		
20	256QAM	1	0	18.18	18.13	17.82	18.02	17.90	20.5	2.5
20	256QAM	1	49	18.10	18.08	17.93	17.92	17.87		
20	256QAM	1	99	18.11	17.99	17.99	17.99	17.99		
20	256QAM	50	0	18.11	18.14	17.72	18.01	17.81	20.5	2.5
20	256QAM	50	24	18.03	17.95	17.96	17.81	17.98		
20	256QAM	50	50	18.08	18.02	17.95	17.89	17.91		
20	256QAM	100	0	18.05	18.00	17.98	17.88	17.84		
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	21.7	21.8	21.48	21.6	21.44	23	0
15	QPSK	1	37	21.56	21.58	21.58	21.6	21.53		
15	QPSK	1	74	21.7	21.6	21.54	21.51	21.5		
15	QPSK	36	0	21.6	21.62	21.35	21.55	21.41	23	0
15	QPSK	36	20	21.54	21.53	21.49	21.46	21.42		
15	QPSK	36	39	21.59	21.5	21.48	21.49	21.46		
15	QPSK	75	0	21.55	21.62	21.5	21.39	21.41		
15	16QAM	1	0	21.64	21.59	21.42	21.52	21.36	23	0
15	16QAM	1	37	21.58	21.61	21.41	21.5	21.45		
15	16QAM	1	74	21.55	21.52	21.44	21.51	21.46		
15	16QAM	36	0	21.58	21.57	21.24	21.48	21.29	23	0
15	16QAM	36	20	21.48	21.42	21.45	21.38	21.48		
15	16QAM	36	39	21.61	21.45	21.46	21.36	21.42		
15	16QAM	75	0	21.45	21.57	21.51	21.34	21.35		
15	64QAM	1	0	21.6	21.64	21.38	21.56	21.36	23	0
15	64QAM	1	37	21.47	21.51	21.46	21.55	21.35		
15	64QAM	1	74	21.66	21.58	21.5	21.51	21.35		
15	64QAM	36	0	20.24	20.36	19.9	20.21	20.02	22.5	0.5
15	64QAM	36	20	20.21	20.16	20.17	20.12	20.09		
15	64QAM	36	39	20.25	20.16	20.08	20.12	20.03		
15	64QAM	75	0	20.22	20.2	20.26	20.06	20.13		
15	256QAM	1	0	18.11	18.11	17.79	17.95	17.85	20.5	2.5
15	256QAM	1	37	18.03	18.04	17.85	17.87	17.76		
15	256QAM	1	74	18.09	17.97	17.88	17.93	17.88		
15	256QAM	36	0	18.08	18.09	17.68	17.93	17.80	20.5	2.5
15	256QAM	36	20	17.91	17.91	17.87	17.71	17.91		
15	256QAM	36	39	18.06	17.95	17.83	17.86	17.90		
15	256QAM	75	0	18.00	17.91	17.86	17.87	17.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.72	21.71	21.5	21.59	21.53	23	0
10	QPSK	1	25	21.56	21.64	21.52	21.58	21.47		
10	QPSK	1	49	21.68	21.64	21.6	21.51	21.47		
10	QPSK	25	0	21.65	21.59	21.31	21.52	21.43	23	0
10	QPSK	25	12	21.49	21.56	21.49	21.41	21.52		
10	QPSK	25	25	21.62	21.58	21.41	21.53	21.38		
10	QPSK	50	0	21.62	21.62	21.56	21.38	21.39		
10	16QAM	1	0	21.63	21.67	21.38	21.49	21.37	23	0
10	16QAM	1	25	21.52	21.58	21.48	21.45	21.37		
10	16QAM	1	49	21.65	21.57	21.48	21.45	21.42		
10	16QAM	25	0	21.5	21.59	21.21	21.42	21.34	23	0
10	16QAM	25	12	21.54	21.43	21.39	21.33	21.44		
10	16QAM	25	25	21.61	21.47	21.4	21.35	21.4		
10	16QAM	50	0	21.51	21.49	21.52	21.36	21.31		
10	64QAM	1	0	21.67	21.66	21.38	21.57	21.39	23	0
10	64QAM	1	25	21.5	21.55	21.49	21.47	21.4		
10	64QAM	1	49	21.58	21.58	21.52	21.43	21.4		
10	64QAM	25	0	20.25	20.28	19.96	20.2	20.03	22.5	0.5
10	64QAM	25	12	20.19	20.17	20.16	20.08	20.09		
10	64QAM	25	25	20.19	20.21	20.09	20.16	20.06		
10	64QAM	50	0	20.23	20.27	20.29	20.04	20.03		
10	256QAM	1	0	18.15	18.11	17.81	17.90	17.83	20.5	2.5
10	256QAM	1	25	18.07	18.00	17.82	17.81	17.86		
10	256QAM	1	49	18.02	17.93	17.89	17.95	17.89		
10	256QAM	25	0	18.08	18.11	17.71	17.96	17.70	20.5	2.5
10	256QAM	25	12	17.99	17.85	17.90	17.77	17.96		
10	256QAM	25	25	18.01	17.94	17.87	17.83	17.90		
10	256QAM	50	0	17.93	17.99	17.92	17.87	17.78		
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	21.76	21.78	21.44	21.68	21.48	23	0
5	QPSK	1	12	21.64	21.59	21.51	21.56	21.57		
5	QPSK	1	24	21.7	21.62	21.61	21.53	21.43		
5	QPSK	12	0	21.59	21.68	21.39	21.52	21.37	23	0
5	QPSK	12	7	21.54	21.52	21.58	21.43	21.51		
5	QPSK	12	13	21.56	21.52	21.47	21.47	21.49		
5	QPSK	25	0	21.62	21.55	21.54	21.39	21.37		
5	16QAM	1	0	21.65	21.68	21.39	21.56	21.33	23	0
5	16QAM	1	12	21.6	21.59	21.39	21.46	21.39		
5	16QAM	1	24	21.6	21.48	21.44	21.46	21.51		
5	16QAM	12	0	21.6	21.66	21.26	21.53	21.33	23	0
5	16QAM	12	7	21.51	21.42	21.39	21.4	21.41		
5	16QAM	12	13	21.55	21.45	21.39	21.36	21.42		
5	16QAM	25	0	21.48	21.49	21.46	21.31	21.42		
5	64QAM	1	0	21.67	21.68	21.32	21.59	21.46	23	0
5	64QAM	1	12	21.57	21.5	21.54	21.56	21.41		
5	64QAM	1	24	21.56	21.52	21.42	21.48	21.32		
5	64QAM	12	0	20.26	20.37	20	20.13	20.05	22.5	0.5
5	64QAM	12	7	20.23	20.16	20.12	20.04	20.11		
5	64QAM	12	13	20.18	20.23	20.06	20.19	20.03		
5	64QAM	25	0	20.23	20.26	20.3	20.05	20.12		
5	256QAM	1	0	18.16	18.11	17.74	17.90	17.79	20.5	2.5
5	256QAM	1	12	18.03	18.06	17.89	17.80	17.83		
5	256QAM	1	24	18.06	17.90	17.96	17.96	17.96		
5	256QAM	12	0	18.04	18.06	17.71	17.99	17.73	20.5	2.5
5	256QAM	12	7	17.91	17.90	17.90	17.69	17.91		
5	256QAM	12	13	17.98	17.98	17.93	17.87	17.79		
5	256QAM	25	0	16.43	16.49	16.40	16.37	16.30		

Band 41_ANT 6

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	20.18	20.26	20.18	20.11	20.2	21	0
20	QPSK	1	49	20.11	20.08	20.17	20.09	20.19		
20	QPSK	1	99	20.09	20.12	20.15	20.1	20.08		
20	QPSK	50	0	20.13	20.18	20.15	20.15	20.06	21	0
20	QPSK	50	24	20.06	20.06	20.13	20.14	20.04		
20	QPSK	50	50	20.08	20.1	20.08	20.14	20.05		
20	QPSK	100	0	20.06	20.14	20.04	20.11	20.09		
20	16QAM	1	0	20.17	20.05	20.16	20.07	20.06	21	0
20	16QAM	1	49	19.95	20.01	20.01	20.14	19.98		
20	16QAM	1	99	20.15	19.99	20.18	20.03	20.07		
20	16QAM	50	0	19.97	20.25	20.06	19.99	20.04	21	0
20	16QAM	50	24	20.03	19.99	20.12	20.03	20.13		
20	16QAM	50	50	19.98	20	20.03	19.98	19.97		
20	16QAM	100	0	19.99	20.15	20.07	20.09	19.92		
20	64QAM	1	0	19.94	20.02	20.01	20.05	20.03	21	0
20	64QAM	1	49	20.01	20.01	19.93	19.99	19.87		
20	64QAM	1	99	19.94	19.98	19.92	19.95	20.02		
20	64QAM	50	0	19.76	19.75	19.7	19.68	19.84	21	0
20	64QAM	50	24	19.8	19.69	19.84	19.77	19.75		
20	64QAM	50	50	19.65	19.72	19.75	19.72	19.68		
20	64QAM	100	0	19.83	19.82	19.93	19.83	19.81		
20	256QAM	1	0	18.91	18.86	18.97	18.96	18.91	20	1
20	256QAM	1	49	18.94	18.89	18.91	18.90	18.96		
20	256QAM	1	99	18.95	18.83	18.91	18.94	18.87		
20	256QAM	50	0	18.85	18.81	18.85	18.91	18.86	20	1
20	256QAM	50	24	18.95	18.87	19.01	18.86	18.89		
20	256QAM	50	50	18.92	18.90	18.89	18.90	18.98		
20	256QAM	100	0	18.91	18.90	18.91	18.88	18.79		
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	20.06	20.18	20.1	19.91	20.01	21	0
15	QPSK	1	37	20.07	19.96	20.14	20.04	20.1		
15	QPSK	1	74	20.07	20.03	20.04	20.06	20.07		
15	QPSK	36	0	19.99	20.14	20.08	20.1	19.99	21	0
15	QPSK	36	20	19.94	20.04	20.12	20.13	20.03		
15	QPSK	36	39	19.97	20.08	20.02	20.11	19.99		
15	QPSK	75	0	20.01	20.11	20.01	19.99	20.01		
15	16QAM	1	0	20.13	19.98	20.04	20.04	19.98	21	0
15	16QAM	1	37	19.94	19.99	19.94	20.02	19.96		
15	16QAM	1	74	20.1	19.87	20.15	19.94	20.04		
15	16QAM	36	0	19.88	20.14	19.94	19.97	19.95	21	0
15	16QAM	36	20	19.98	19.97	20.06	19.98	20.02		
15	16QAM	36	39	19.91	19.98	20.01	19.93	19.93		
15	16QAM	75	0	19.93	20.13	19.99	20.02	19.85		
15	64QAM	1	0	19.83	19.93	19.99	19.93	19.97	21	0
15	64QAM	1	37	19.98	19.98	19.91	19.93	19.82		
15	64QAM	1	74	19.92	19.97	19.92	19.9	20		
15	64QAM	36	0	19.72	19.77	19.67	19.65	19.84	21	0
15	64QAM	36	20	19.84	19.64	19.84	19.8	19.7		
15	64QAM	36	39	19.65	19.76	19.77	19.76	19.66		
15	64QAM	75	0	19.84	19.82	19.98	19.82	19.85		
15	256QAM	1	0	17.72	17.70	17.81	17.71	17.74	20	1
15	256QAM	1	37	17.77	17.71	17.66	17.71	17.78		
15	256QAM	1	74	17.78	17.63	17.74	17.76	17.70		
15	256QAM	36	0	17.61	17.55	17.62	17.72	17.71	20	1
15	256QAM	36	20	17.77	17.63	17.76	17.68	17.67		
15	256QAM	36	39	17.75	17.65	17.64	17.66	17.64		
15	256QAM	75	0	17.67	17.72	17.70	17.64	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.04	20.21	20.06	19.99	20.01	21	0
10	QPSK	1	25	20.07	20.05	20.09	19.97	20.08		
10	QPSK	1	49	20.07	20.01	20.03	20.08	20.06		
10	QPSK	25	0	20.04	20.15	20.09	20.05	20.01	21	0
10	QPSK	25	12	19.96	20.05	20.07	20.1	20.02		
10	QPSK	25	25	20.07	20.07	20.07	20.05	19.97		
10	QPSK	50	0	20.02	20.1	20	19.99	20.03		
10	16QAM	1	0	20.12	20.03	20.12	20.01	20.05	21	0
10	16QAM	1	25	19.87	20	19.95	20.02	19.92		
10	16QAM	1	49	20.06	19.91	20.08	20.02	20.04		
10	16QAM	25	0	19.95	20.23	19.94	19.94	20.01	21	0
10	16QAM	25	12	20	19.98	20	19.99	20.01		
10	16QAM	25	25	19.89	19.98	19.94	19.97	19.86		
10	16QAM	50	0	19.92	20.1	19.99	20.05	19.88		
10	64QAM	1	0	19.86	19.91	19.96	19.96	20.01	21	0
10	64QAM	1	25	20	19.97	19.91	19.95	19.82		
10	64QAM	1	49	19.99	19.97	19.97	19.99	20.04		
10	64QAM	25	0	19.74	19.7	19.71	19.63	19.84	21	0
10	64QAM	25	12	19.76	19.67	19.78	19.74	19.76		
10	64QAM	25	25	19.69	19.71	19.77	19.75	19.68		
10	64QAM	50	0	19.8	19.87	19.95	19.83	19.8		
10	256QAM	1	0	17.75	17.66	17.74	17.78	17.76	20	1
10	256QAM	1	25	17.77	17.74	17.76	17.75	17.71		
10	256QAM	1	49	17.70	17.67	17.72	17.79	17.64		
10	256QAM	25	0	17.67	17.63	17.59	17.66	17.68	20	1
10	256QAM	25	12	17.73	17.72	17.80	17.65	17.72		
10	256QAM	25	25	17.77	17.65	17.71	17.70	17.79		
10	256QAM	50	0	17.69	17.64	17.73	17.64	17.53		
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	20.03	20.24	20.11	19.92	20.03	21	0
5	QPSK	1	12	20.08	20.07	20.14	20.01	20.1		
5	QPSK	1	24	20.03	20.11	20.05	20	20		
5	QPSK	12	0	19.95	20.17	20	20.04	19.99	21	0
5	QPSK	12	7	19.95	20.04	20.01	20.11	20.02		
5	QPSK	12	13	20.07	20.08	20.07	20.03	19.98		
5	QPSK	25	0	19.95	20.07	20.01	20.03	20.02		
5	16QAM	1	0	20.16	19.97	20.05	20.06	19.99	21	0
5	16QAM	1	12	19.92	19.9	19.93	20.02	19.96		
5	16QAM	1	24	20.05	19.91	20.12	19.94	19.99		
5	16QAM	12	0	19.9	20.16	20.04	19.91	19.96	21	0
5	16QAM	12	7	19.98	19.98	20	19.95	20.05		
5	16QAM	12	13	19.89	19.9	19.92	19.87	19.87		
5	16QAM	25	0	19.92	20.1	20.03	20.08	19.88		
5	64QAM	1	0	19.92	19.94	19.95	20.01	20.01	21	0
5	64QAM	1	12	20	19.95	19.88	19.93	19.85		
5	64QAM	1	24	19.97	19.95	19.97	19.95	19.98		
5	64QAM	12	0	19.73	19.74	19.72	19.69	19.78	21	0
5	64QAM	12	7	19.77	19.65	19.88	19.79	19.79		
5	64QAM	12	13	19.69	19.73	19.78	19.67	19.69		
5	64QAM	25	0	19.82	19.78	19.89	19.78	19.75		
5	256QAM	1	0	17.76	17.69	17.73	17.77	17.65	20	1
5	256QAM	1	12	17.77	17.71	17.66	17.64	17.79		
5	256QAM	1	24	17.71	17.62	17.71	17.78	17.67		
5	256QAM	12	0	17.62	17.61	17.66	17.65	17.68	20	1
5	256QAM	12	7	17.74	17.64	17.77	17.66	17.63		
5	256QAM	12	13	17.71	17.64	17.67	17.71	17.77		
5	256QAM	25	0	17.76	17.74	17.69	17.71	17.61		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55800	56150	56640		
Frequency (MHz)				3560	3606	3641	3690		
20	QPSK	1	0	19.92	20.17	20.04	20.06	21	0
20	QPSK	1	49	19.87	20.15	19.99	19.98		
20	QPSK	50	0	19.81	20.16	19.96	20.01	21	0
20	QPSK	50	25	19.81	20.08	19.95	19.91		
20	QPSK	50	50	19.75	20.04	19.93	19.9		
20	16QAM	1	0	19.81	20.08	20	20.02	21	0
20	16QAM	1	49	19.75	20.1	19.97	19.97		
20	16QAM	50	0	19.76	20.13	19.92	19.93	21	0
20	16QAM	50	25	19.74	19.99	19.95	19.9		
20	16QAM	50	50	19.64	20	19.85	19.79		
20	64QAM	1	0	19.83	19.99	19.94	19.8	21	0
20	64QAM	1	49	19.75	19.99	19.74	19.82		
20	64QAM	50	0	19.81	20.06	19.98	20.04	21	0
20	64QAM	50	25	19.75	20.13	19.87	19.9		
20	64QAM	50	50	19.75	20.13	19.91	19.9		
20	64QAM	100	0	19.74	19.98	19.93	19.87	21	0
20	64QAM	100	25	19.65	19.94	19.9	19.89		
20	64QAM	100	50	19.79	20.06	19.92	19.91		
20	64QAM	100	99	19.76	19.92	19.73	19.84		
20	256QAM	1	0	17.85	18.13	17.83	18.09	19	2
20	256QAM	1	49	17.88	18.16	17.85	18.12		
20	256QAM	50	0	17.87	18.15	17.83	18.10		
20	256QAM	50	25	17.89	18.16	17.87	18.11		
20	256QAM	50	24	17.84	18.14	17.84	18.15		
20	256QAM	50	50	17.91	18.16	17.91	18.10	19	2
20	256QAM	100	0	17.86	18.12	17.91	18.14		
Channel				55310	55820	56160	56660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.93	20.1	19.91	19.97	21	0
15	QPSK	1	37	19.76	20.08	19.99	19.97		
15	QPSK	1	74	19.79	20.03	19.98	19.97		
15	QPSK	36	0	19.85	20.09	19.89	19.91	21	0
15	QPSK	36	20	19.68	20	19.83	19.93		
15	QPSK	36	39	19.92	20.09	19.99	19.92		
15	QPSK	75	0	19.71	19.91	19.85	19.8		
15	16QAM	1	0	19.79	20.05	20	19.95	21	0
15	16QAM	1	37	19.74	20.09	19.77	19.73		
15	16QAM	1	74	19.7	20.12	19.87	19.9		
15	16QAM	36	0	19.8	19.93	19.84	19.93	21	0
15	16QAM	36	20	19.65	19.96	19.78	19.65		
15	16QAM	36	39	19.74	19.94	19.91	19.66		
15	16QAM	75	0	19.78	20	19.73	19.7		
15	64QAM	1	0	19.88	19.92	19.92	19.97	21	0
15	64QAM	1	37	19.77	20.04	19.77	19.82		
15	64QAM	1	74	19.64	20.04	19.92	19.79		
15	64QAM	36	0	19.75	19.87	19.83	19.74	21	0
15	64QAM	36	20	19.54	19.81	19.77	19.65		
15	64QAM	36	39	19.75	20.09	19.88	19.85		
15	64QAM	75	0	19.61	19.9	19.61	19.8		
15	256QAM	1	0	17.84	18.14	17.89	18.13	19	2
15	256QAM	1	37	17.90	18.09	17.84	18.15		
15	256QAM	1	74	17.85	18.15	17.93	18.11		
15	256QAM	36	0	17.91	18.10	17.90	18.14	19	2
15	256QAM	36	20	17.87	18.16	17.88	18.08		
15	256QAM	36	39	17.89	18.10	17.91	18.14		
15	256QAM	75	0	17.87	18.14	17.89	18.08		
Channel				55290	55815	56145	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.77	20.09	20.08	19.93	21	0
10	QPSK	1	25	19.85	20.15	19.84	19.94		
10	QPSK	1	49	19.73	20.01	19.83	19.9		
10	QPSK	25	0	19.76	20.04	19.99	19.77	21	0
10	QPSK	25	12	19.75	19.94	19.78	19.76		
10	QPSK	25	25	19.79	20	19.85	19.8		
10	QPSK	50	0	19.7	19.89	19.72	19.88		
10	16QAM	1	0	19.76	19.98	19.97	19.97	21	0
10	16QAM	1	25	19.71	20	19.82	19.94		
10	16QAM	1	49	19.76	20.03	19.93	19.97		
10	16QAM	25	0	19.73	19.97	19.94	19.78	21	0
10	16QAM	25	12	19.52	20	19.81	19.79		
10	16QAM	25	25	19.91	19.98	19.9	19.93		
10	16QAM	50	0	19.75	19.84	19.74	19.67		
10	64QAM	1	0	19.85	20.04	19.88	19.91	21	0
10	64QAM	1	25	19.73	20.03	19.94	19.92		
10	64QAM	1	49	19.65	20.1	19.92	19.86		
10	64QAM	25	0	19.6	19.91	19.94	19.84	21	0
10	64QAM	25	12	19.58	19.95	19.88	19.85		
10	64QAM	25	25	19.79	19.97	19.79	19.91		
10	64QAM	50	0	19.76	19.96	19.64	19.75		
10	256QAM	1	0	17.86	18.16	17.79	17.76	19	2
10	256QAM	1	25	17.88	18.12	17.77	17.82		
10	256QAM	1	49	17.86	18.12	17.83	17.79		
10	256QAM	25	0	17.90	18.16	17.87	17.87	19	2
10	256QAM	25	12	17.86	18.15	17.78	17.77		
10	256QAM	25	25	17.86	18.08	17.82	17.79		
10	256QAM	50	0	17.91	18.09	17.83	17.90		
Channel				55240	55715	55715	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.79	20.1	20.07	20.06	21	0
5	QPSK	1	12	19.85	20.16	19.88	19.95		
5	QPSK	1	24	19.68	20.16	19.83	19.95		
5	QPSK	12	0	19.85	20.1	19.89	19.77	21	0
5	QPSK	12	7	19.79	20.06	19.81	19.93		
5	QPSK	12	13	19.72	20.07	20	19.82		
5	QPSK	25	0	19.75	20.02	19.81	19.87		
5	16QAM	1	0	19.81	20.1	19.98	20.04	21	0
5	16QAM	1	12	19.67	20.11	19.81	19.81		
5	16QAM	1	24	19.79	20.16	19.81	19.92		
5	16QAM	12	0	19.85	19.88	19.88	19.98	21	0
5	16QAM	12	7	19.67	20.04	19.89	19.73		
5	16QAM	12	13	19.83	19.88	19.98	19.8		
5	16QAM	25	0	19.71	19.96	19.74	19.8		
5	64QAM	1	0	19.72	20.01	19.87	20.02	21	0
5	64QAM	1	12	19.65	20.08	19.79	19.8		
5	64QAM	1	24	19.75	20.03	19.79	19.98		
5	64QAM	12	0	19.69	19.93	19.79	19.78	21	0
5	64QAM	12	7	19.59	19.87	19.79	19.77		
5	64QAM	12	13	19.68	20.05	19.83	19.76		
5	64QAM	25	0	19.62	19.96	19.69	19.87		
5	256QAM	1	0	17.84	17.84	17.84	17.84	19	2
5	256QAM	1	12	17.75	17.82	17.82	17.75		
5	256QAM	1	24	17.82	17.91	17.78	17.84		
5	256QAM	12	0	17.85	17.87	17.84	17.85	19	2
5	256QAM	12	7	17.85	17.83	17.79	17.80		
5	256QAM	12	13	17.74	17.78	17.83	17.75		
5	256QAM	25	0	17.85	17.88	17.80	17.80		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55800	56150	56640		
Frequency (MHz)				3560	3606	3641	3690		
20	QPSK	1	0	21.35	21.53	21.42	21.47	22.5	0
20	QPSK	1	49	21.24	21.43	21.37	21.43		
20	QPSK	50	0	21.15	21.41	21.34	21.31	22.5	0
20	QPSK	50	25	21.32	21.5	21.3	21.41		
20	QPSK	50	50	21.16	21.38	21.35	21.31		
20	16QAM	1	0	21.13	21.37	21.3	21.22	22.5	0
20	16QAM	1	49	21.2	21.39	21.32	21.35		
20	16QAM	50	0	21.25	21.5	21.41	21.35	22.5	0
20	16QAM	50	25	21.23	21.33	21.34	21.34		
20	16QAM	50	50	21.14	21.4	21.27	21.23		
20	64QAM	1	0	21.21	21.41	21.19	21.32	22.5	0
20	64QAM	1	49	21.12	21.27	21.29	21.25		
20	64QAM	50	0	21.07	21.25	21.19	21.13		
20	64QAM	50	25	21.1	21.27	21.27	21.21		
20	64QAM	50	50	21.25	21.41	21.31	21.45	22.5	0
20	64QAM	100	0	21.22	21.41	21.38	21.38		
20	64QAM	100	25	21.11	21.35	21.24	21.23		
20	64QAM	100	50	20.91	21.07	20.92	20.98	22	0.5
20	64QAM	100	99	20.64	20.9	20.84	20.79		
20	256QAM	1	0	20.65	20.93	20.87	20.76		
20	256QAM	1	49	20.77	20.89	20.9	20.96		
20	256QAM	50	0	18.85	19.01	18.94	18.99	20	2.5
20	256QAM	50	25	18.82	18.98	18.94	18.84		
20	256QAM	50	24	18.81	18.95	18.94	18.87		
20	256QAM	50	0	18.83	18.99	18.96	18.90	20	2.5
20	256QAM	50	50	18.82	18.95	18.88	18.84		
20	256QAM	100	0	18.78	19.02	18.94	18.91		
20	256QAM	100	50	18.85	19.01	18.91	18.94		
Channel				55310	55820	56160	56660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.21	21.49	21.41	21.36	22.5	0
15	QPSK	1	27	21.19	21.47	21.39	21.36		
15	QPSK	1	74	21.04	21.36	21.26	21.32		
15	QPSK	36	0	21.21	21.48	21.17	21.38	22.5	0
15	QPSK	36	20	21.05	21.23	21.31	21.31		
15	QPSK	36	39	21.13	21.3	21.33	21.08		
15	QPSK	75	0	21.19	21.31	21.29	21.33		
15	16QAM	1	0	21.15	21.5	21.45	21.35	22.5	0
15	16QAM	1	27	21.18	21.34	21.31	21.34		
15	16QAM	1	74	21.07	21.44	21.32	21.15		
15	16QAM	36	0	21.08	21.39	21.14	21.28	22.5	0
15	16QAM	36	20	21.05	21.21	21.32	21.28		
15	16QAM	36	39	21.09	21.13	21.07	20.98		
15	16QAM	75	0	21	21.4	21.13	21.31		
15	64QAM	1	0	21.28	21.36	21.28	21.35	22.5	0
15	64QAM	1	27	21.14	21.37	21.27	21.29		
15	64QAM	1	74	21	21.37	21.18	21.27		
15	64QAM	36	0	20.87	21.06	20.88	21	22	0.5
15	64QAM	36	20	20.49	20.78	20.82	20.76		
15	64QAM	36	39	20.65	20.8	20.88	20.71		
15	64QAM	75	0	20.74	20.89	20.92	20.9		
15	256QAM	1	0	18.99	19.06	18.99	18.93	20	2.5
15	256QAM	1	27	18.90	18.88	18.85	18.93		
15	256QAM	1	74	18.90	18.94	18.83	18.87		
15	256QAM	36	0	18.96	18.92	18.97	18.92	20	2.5
15	256QAM	36	20	18.87	18.92	18.90	18.89		
15	256QAM	36	39	19.00	18.97	18.90	18.93		
15	256QAM	75	0	18.88	18.98	18.98	18.96		
Channel				55290	55815	56145	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.31	21.51	21.43	21.51	22.5	0
10	QPSK	1	25	21.15	21.41	21.25	21.41		
10	QPSK	1	49	21.08	21.38	21.31	21.32		
10	QPSK	25	0	21.28	21.37	21.24	21.35	22.5	0
10	QPSK	25	12	21.13	21.39	21.35	21.3		
10	QPSK	25	25	21.16	21.37	21.35	21.11		
10	QPSK	50	0	21.17	21.3	21.22	21.29		
10	16QAM	1	0	21.28	21.45	21.45	21.26	22.5	0
10	16QAM	1	25	21.16	21.23	21.31	21.32		
10	16QAM	1	49	21.15	21.22	21.23	21.08		
10	16QAM	25	0	21.17	21.42	21.14	21.19	22.5	0
10	16QAM	25	12	20.98	21.12	21.25	21.21		
10	16QAM	25	25	21.01	21.17	21.14	21.12		
10	16QAM	50	0	21.11	21.41	21.24	21.26		
10	64QAM	1	0	21.32	21.37	21.34	21.34	22.5	0
10	64QAM	1	25	21.09	21.31	21.38	21.38		
10	64QAM	1	49	21.01	21.24	21.19	21.17		
10	64QAM	25	0	20.77	21.04	20.72	20.99	22	0.5
10	64QAM	25	12	20.61	20.78	20.84	20.76		
10	64QAM	25	25	20.7	20.87	20.77	20.73		
10	64QAM	50	0	20.76	20.92	20.85	20.9		
10	256QAM	1	0	18.99	18.98	19.00	18.90	20	2.5
10	256QAM	1	25	18.89	18.88	18.88	18.90		
10	256QAM	1	49	18.88	18.92	18.92	18.93		
10	256QAM	25	0	18.87	18.96	18.97	18.92	20	2.5
10	256QAM	25	12	18.93	18.87	18.85	18.85		
10	256QAM	25	25	18.94	18.93	18.87	18.91		
10	256QAM	50	0	18.92	18.90	18.93	18.88		
Channel				55240	55715	55715	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.21	21.5	21.33	21.43	22.5	0
5	QPSK	1	12	21.23	21.38	21.4	21.48		
5	QPSK	1	24	21	21.45	21.21	21.3		
5	QPSK	12	0	21.18	21.45	21.28	21.3	22.5	0
5	QPSK	12	7	21.11	21.38	21.37	21.29		
5	QPSK	12	13	21.14	21.37	21.17	21.13		
5	QPSK	25	0	21.24	21.38	21.25	21.4		
5	16QAM	1	0	21.28	21.5	21.37	21.33	22.5	0
5	16QAM	1	12	21.22	21.27	21.31	21.35		
5	16QAM	1	24	21.16	21.42	21.17	21.19		
5	16QAM	12	0	21.18	21.44	21.11	21.27	22.5	0
5	16QAM	12	7	21.08	21.13	21.2	21.16		
5	16QAM	12	13	20.95	21.29	21.23	21.06		
5	16QAM	25	0	21.06	21.36	21.12	21.28		
5	64QAM	1	0	21.13	21.38	21.25	21.33	22.5	0
5	64QAM	1	12	21.23	21.37	21.4	21.27		
5	64QAM	1	24	21.13	21.25	21.28	21.12		
5	64QAM	12	0	20.94	21.02	20.73	20.89	22	0.5
5	64QAM	12	7	20.55	20.79	20.84	20.7		
5	64QAM	12	13	20.7	20.87	20.89	20.61		
5	64QAM	25	0	20.65	20.77	20.87	20.87		
5	256QAM	1	0	19.00	18.91	18.99	19.00	20	2.5
5	256QAM	1	12	18.85	18.83	18.88	18.88		
5	256QAM	1	24	18.92	18.94	18.91	18.85		
5	256QAM	12	0	18.96	18.87	18.91	18.88	20	2.5
5	256QAM	12	7	18.83	18.88	18.91	18.86		
5	256QAM	12	13	18.95	18.83	18.90	18.93		
5	256QAM	25	0	18.93	18.99	19.00	18.99		

Reduced Power for DSI2

GSM850_ANT 1		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		33.62	33.51	33.38	**34.00**	24.62	24.51	24.38	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.61	33.49	33.37	**34.00**	24.61	24.49	24.37	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.50	30.28	30.08	**31.00**	24.50	24.28	24.08	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.63	28.45	28.18	**29.20**	24.37	24.19	23.92	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.04	27.07	26.95	**28.00**	24.04	24.07	23.95	25.00
EDGE 1 Tx slot		27.27	27.54	27.05	**28.00**	18.27	18.54	18.05	19.00
EDGE 2 Tx slots		25.08	25.09	24.92	**25.20**	19.08	19.09	18.92	19.20
EDGE 3 Tx slots		23.82	23.83	23.68	**24.00**	19.56	19.57	19.42	19.74
EDGE 4 Tx slots		23.05	23.18	23.11	**23.50**	20.05	20.18	20.11	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.38	30.14	29.95	**31.00**	24.43	24.19	23.97	24.98
	GPRS 1 Tx slot	30.52	30.28	30.04	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.34	30.29	30.05	**31.00**	24.40	24.22	24.04	24.98
	GPRS 1 Tx slot	30.50	30.19	30.07	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.59	28.39	28.18	**29.20**	24.34	24.14	23.88	24.94
	GPRS 2 Tx slots	28.61	28.41	28.12	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.53	30.32	30.12	**31.00**	22.53	22.36	22.17	22.98
	EDGE 1 Tx slot	24.81	24.80	24.65	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.51	30.22	30.17	**31.00**	22.51	22.30	22.20	22.98
	EDGE 1 Tx slot	24.77	24.86	24.60	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.68	28.55	28.27	**29.20**	21.70	21.62	21.40	22.22
	EDGE 2 Tx slots	23.49	23.48	23.36	**24.00**				

Band		Tune-up Limit (dBm)	WCDMA V_ANT 1			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	22.00	24.01	24.09	24.00	25.00
3GPP Rel 99	RMC 12.2Kbps	22.00	24.03	24.11	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	21.00	22.85	22.93	22.88	24.00
3GPP Rel 6	HSDPA Subtest-2	21.00	22.83	22.92	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	20.50	22.34	22.47	22.37	23.50
3GPP Rel 6	HSDPA Subtest-4	20.50	22.39	22.39	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	22.77	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.00	22.68	22.76	22.76	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.50	22.28	22.38	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.50	22.23	22.30	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	21.00	22.75	22.88	22.86	24.00
3GPP Rel 6	HSUPA Subtest-2	17.00	20.76	20.85	20.84	22.00
3GPP Rel 6	HSUPA Subtest-3	18.00	21.76	21.86	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	17.00	20.73	20.88	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	21.00	22.80	22.90	22.90	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.00	21.10	21.20	21.10	22.00

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.65	23.78	23.74	25	0
10	QPSK	1	25	23.48	23.65	23.55		
10	QPSK	1	49	23.34	23.57	23.48		
10	QPSK	25	0	22.55	22.59	22.53	24	1
10	QPSK	25	12	22.46	22.54	22.46		
10	QPSK	25	25	22.41	22.5	22.44		
10	QPSK	50	0	22.57	22.65	22.45		
10	16QAM	1	0	22.9	22.96	22.86	24	1
10	16QAM	1	25	22.8	23.23	23.22		
10	16QAM	1	49	22.95	22.89	23.05		
10	16QAM	25	0	21.51	21.44	21.56	23	2
10	16QAM	25	12	21.57	21.47	21.64		
10	16QAM	25	25	21.55	21.55	21.46		
10	16QAM	50	0	21.54	21.48	21.62		
10	64QAM	1	0	22.04	21.67	21.77	23	2
10	64QAM	1	25	21.76	21.92	21.65		
10	64QAM	1	49	21.86	21.71	21.78		
10	64QAM	25	0	20.43	20.46	20.59	22	3
10	64QAM	25	12	20.62	20.53	20.64		
10	64QAM	25	25	20.63	20.55	20.73		
10	64QAM	50	0	20.55	20.5	20.57		
10	256QAM	1	0	19.14	19.18	19.12	20	5
10	256QAM	1	25	19.11	19.13	19.06		
10	256QAM	1	49	19.02	19.11	18.99		
10	256QAM	25	0	19.11	19.06	19.11	20	5
10	256QAM	25	12	19.01	19.10	19.05		
10	256QAM	25	25	19.06	19.12	19.01		
10	256QAM	50	0	18.99	19.05	18.98		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.39	23.5	23.5	25	0
5	QPSK	1	12	23.48	23.61	23.59		
5	QPSK	1	24	23.43	23.54	23.38		
5	QPSK	12	0	22.39	22.49	22.49	24	1
5	QPSK	12	7	22.57	22.49	22.53		
5	QPSK	12	13	22.6	22.51	22.52		
5	QPSK	25	0	22.48	22.47	22.44		
5	16QAM	1	0	22.89	22.83	23.08	24	1
5	16QAM	1	12	22.91	23.07	23.12		
5	16QAM	1	24	22.95	23.07	22.73		
5	16QAM	12	0	21.41	21.58	21.46	23	2
5	16QAM	12	7	21.6	21.59	21.58		
5	16QAM	12	13	21.62	21.47	21.54		
5	16QAM	25	0	21.57	21.45	21.47		
5	64QAM	1	0	21.67	21.48	21.52	23	2
5	64QAM	1	12	21.98	21.87	21.81		
5	64QAM	1	24	21.75	21.98	21.88		
5	64QAM	12	0	20.5	20.5	20.48	22	3
5	64QAM	12	7	20.56	20.65	20.58		
5	64QAM	12	13	20.66	20.64	20.44		
5	64QAM	25	0	20.54	20.57	20.56		
5	256QAM	1	0	19.11	19.14	19.06	20	5
5	256QAM	1	12	19.06	19.10	19.04		
5	256QAM	1	24	19.09	19.04	19.03		
5	256QAM	12	0	19.06	19.02	19.06	20	5
5	256QAM	12	7	19.06	19.08	19.12		
5	256QAM	12	13	19.09	19.07	19.09		
5	256QAM	25	0	18.97	19.06	19.05		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.33	23.55	23.32	25	0
3	QPSK	1	8	23.47	23.51	23.51		
3	QPSK	1	14	23.29	23.48	23.43		
3	QPSK	8	0	22.54	22.48	22.4	24	1
3	QPSK	8	4	22.54	22.58	22.52		
3	QPSK	8	7	22.51	22.51	22.5		
3	QPSK	15	0	22.57	22.4	22.47		
3	16QAM	1	0	22.59	22.8	22.76	24	1
3	16QAM	1	8	22.64	22.98	22.97		
3	16QAM	1	14	22.67	22.99	22.95		
3	16QAM	8	0	21.59	21.5	21.49	23	2
3	16QAM	8	4	21.51	21.67	21.63		
3	16QAM	8	7	21.52	21.62	21.63		
3	16QAM	15	0	21.58	21.49	21.63		
3	64QAM	1	0	22.02	21.65	21.75	23	2
3	64QAM	1	8	21.75	21.96	21.85		
3	64QAM	1	14	21.75	21.71	21.64		
3	64QAM	8	0	20.49	20.52	20.54	22	3
3	64QAM	8	4	20.53	20.6	20.54		
3	64QAM	8	7	20.57	20.41	20.67		
3	64QAM	15	0	20.57	20.46	20.54		
3	256QAM	1	0	19.20	19.18	19.16	20	5
3	256QAM	1	8	19.08	19.11	19.07		
3	256QAM	1	14	19.01	19.11	19.07		
3	256QAM	8	0	19.08	18.99	19.08	20	5
3	256QAM	8	4	19.01	19.11	19.09		
3	256QAM	8	7	19.07	19.14	19.08		
3	256QAM	15	0	19.03	18.99	19.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.47	23.35	23.56	25	0
1.4	QPSK	1	3	23.49	23.38	23.47		
1.4	QPSK	1	5	23.43	23.41	23.48		
1.4	QPSK	3	0	23.45	23.45	23.55		
1.4	QPSK	3	1	23.48	23.4	23.43		
1.4	QPSK	3	3	23.32	23.43	23.41		
1.4	QPSK	6	0	22.42	22.4	22.53	24	1
1.4	16QAM	1	0	22.57	22.68	22.88	24	1
1.4	16QAM	1	3	22.79	22.64	22.74		
1.4	16QAM	1	5	23	22.97	22.78		
1.4	16QAM	3	0	22.56	22.61	22.51		
1.4	16QAM	3	1	22.54	22.52	22.78		
1.4	16QAM	3	3	22.52	22.58	22.76		
1.4	16QAM	6	0	21.63	21.56	21.63	23	2
1.4	64QAM	1	0	21.74	21.48	21.79	23	2
1.4	64QAM	1	3	21.48	21.42	21.65		
1.4	64QAM	1	5	21.79	21.59	21.7		
1.4	64QAM	3	0	21.83	21.49	21.64		
1.4	64QAM	3	1	21.88	21.47	21.74		
1.4	64QAM	3	3	21.65	21.48	21.61		
1.4	64QAM	6	0	20.54	20.44	20.71	22	3
1.4	256QAM	1	0	19.16	19.13	19.08	20	5
1.4	256QAM	1	3	19.03	19.13	19.01		
1.4	256QAM	1	5	19.09	19.08	19.11		
1.4	256QAM	3	0	19.09	19.01	19.06		
1.4	256QAM	3	1	19.01	19.09	19.16		
1.4	256QAM	3	3	19.01	19.09	19.10		
1.4	256QAM	6	0	18.96	18.98	19.06	20	5

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.81	23.67	25	0
10	QPSK	1	25	23.48	23.67	23.49		
10	QPSK	1	49	23.38	23.43	23.39		
10	QPSK	25	0	22.67	22.78	22.61	24	1
10	QPSK	25	12	22.56	22.64	22.54		
10	QPSK	25	25	22.43	22.53	22.53		
10	QPSK	50	0	22.59	22.64	22.54		
10	16QAM	1	0	23.08	22.9	22.75	24	1
10	16QAM	1	25	22.83	22.86	22.62		
10	16QAM	1	49	22.73	22.76	22.63		
10	16QAM	25	0	21.52	21.52	21.55	23	2
10	16QAM	25	12	21.57	21.55	21.65		
10	16QAM	25	25	21.66	21.8	21.7		
10	16QAM	50	0	21.6	21.53	21.54		
10	64QAM	1	0	21.66	21.68	21.71	23	2
10	64QAM	1	25	21.71	21.87	22.07		
10	64QAM	1	49	21.81	22.02	21.65		
10	64QAM	25	0	20.48	20.49	20.56	22	3
10	64QAM	25	12	20.63	20.58	20.56		
10	64QAM	25	25	20.45	20.67	20.61		
10	64QAM	50	0	20.61	20.56	20.53		
10	256QAM	1	0	18.95	19.07	18.96	20	5
10	256QAM	1	25	19.03	19.09	18.99		
10	256QAM	1	49	19.18	19.25	19.27		
10	256QAM	25	0	18.98	19.05	19.04	20	5
10	256QAM	25	12	18.97	19.04	18.93		
10	256QAM	25	25	18.95	19.06	18.95		
10	256QAM	50	0	19.06	19.04	19.05		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.78	23.42	25	0
5	QPSK	1	12	23.5	23.55	23.6		
5	QPSK	1	24	23.49	23.64	23.59		
5	QPSK	12	0	22.46	22.56	22.57	24	1
5	QPSK	12	7	22.6	22.48	22.68		
5	QPSK	12	13	22.53	22.56	22.56		
5	QPSK	25	0	22.51	22.53	22.58		
5	16QAM	1	0	22.78	22.87	22.83	24	1
5	16QAM	1	12	23.04	23.27	23.19		
5	16QAM	1	24	22.88	22.84	23.11		
5	16QAM	12	0	21.52	21.53	21.56	23	2
5	16QAM	12	7	21.7	21.7	21.56		
5	16QAM	12	13	21.63	21.65	21.64		
5	16QAM	25	0	21.51	21.42	21.6		
5	64QAM	1	0	21.63	21.87	22.04	23	2
5	64QAM	1	12	22	22.06	21.76		
5	64QAM	1	24	21.79	21.81	21.94		
5	64QAM	12	0	20.66	20.52	20.57	22	3
5	64QAM	12	7	20.57	20.68	20.48		
5	64QAM	12	13	20.5	20.75	20.62		
5	64QAM	25	0	20.58	20.59	20.6		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.00	19.06	19.04		
5	256QAM	1	24	19.19	19.19	19.16		
5	256QAM	12	0	19.00	19.04	18.92	20	5
5	256QAM	12	7	18.97	19.04	19.10		
5	256QAM	12	13	18.98	19.08	19.08		
5	256QAM	25	0	19.03	19.01	18.97		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.34	23.52	23.49	25	0
3	QPSK	1	8	23.49	23.62	23.55		
3	QPSK	1	14	23.37	23.37	23.51		
3	QPSK	8	0	22.6	22.6	22.57	24	1
3	QPSK	8	4	22.59	22.64	22.62		
3	QPSK	8	7	22.56	22.58	22.58		
3	QPSK	15	0	22.59	22.51	22.54		
3	16QAM	1	0	22.84	22.76	22.98	24	1
3	16QAM	1	8	23.17	22.75	22.89		
3	16QAM	1	14	22.87	22.88	22.99		
3	16QAM	8	0	21.6	21.83	21.69	23	2
3	16QAM	8	4	21.65	21.79	21.74		
3	16QAM	8	7	21.57	21.72	21.71		
3	16QAM	15	0	21.55	21.44	21.54		
3	64QAM	1	0	21.79	21.51	21.76	23	2
3	64QAM	1	8	21.68	21.87	21.72		
3	64QAM	1	14	21.9	21.62	21.85		
3	64QAM	8	0	20.62	20.64	20.66	22	3
3	64QAM	8	4	20.55	20.7	20.7		
3	64QAM	8	7	20.5	20.6	20.62		
3	64QAM	15	0	20.7	20.59	20.62		
3	256QAM	1	0	19.02	19.07	18.97	20	5
3	256QAM	1	8	18.99	19.03	19.09		
3	256QAM	1	14	19.17	19.21	19.21		
3	256QAM	8	0	19.04	19.07	19.00	20	5
3	256QAM	8	4	18.96	19.02	19.00		
3	256QAM	8	7	19.00	19.08	19.00		
3	256QAM	15	0	19.05	19.07	18.94		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.53	23.57	23.49	25	0
1.4	QPSK	1	3	23.64	23.53	23.56		
1.4	QPSK	1	5	23.47	23.42	23.59		
1.4	QPSK	3	0	23.58	23.44	23.73		
1.4	QPSK	3	1	23.71	23.54	23.54		
1.4	QPSK	3	3	23.57	23.42	23.62		
1.4	QPSK	6	0	22.49	22.54	22.56	24	1
1.4	16QAM	1	0	22.92	22.97	22.78	24	1
1.4	16QAM	1	3	22.99	23.11	23.17		
1.4	16QAM	1	5	23.06	23.19	22.76		
1.4	16QAM	3	0	22.75	22.56	22.8		
1.4	16QAM	3	1	22.79	22.84	23.02		
1.4	16QAM	3	3	22.8	22.76	22.54		
1.4	16QAM	6	0	21.54	21.64	21.76	23	2
1.4	64QAM	1	0	21.9	21.8	21.82	23	2
1.4	64QAM	1	3	21.66	21.98	21.87		
1.4	64QAM	1	5	21.64	21.75	21.72		
1.4	64QAM	3	0	21.8	21.62	21.62		
1.4	64QAM	3	1	21.79	21.77	21.72		
1.4	64QAM	3	3	21.83	21.7	21.87		
1.4	64QAM	6	0	20.55	20.6	20.67	22	3
1.4	256QAM	1	0	19.02	19.04	18.99	20	5
1.4	256QAM	1	3	19.00	19.04	19.12		
1.4	256QAM	1	5	19.22	19.22	19.19		
1.4	256QAM	3	0	19.00	19.06	18.96		
1.4	256QAM	3	1	19.02	19.00	19.01		
1.4	256QAM	3	3	18.99	19.08	19.06		
1.4	256QAM	6	0	18.97	19.00	18.91	20	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.94		25	0
10	QPSK	1	25		23.88			
10	QPSK	1	49		23.72			
10	QPSK	25	0		22.82		24	1
10	QPSK	25	12		22.8			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.73			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.88		23	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.9			
10	16QAM	50	0		21.87			
10	64QAM	1	0		22.02		23	2
10	64QAM	1	25		21.78			
10	64QAM	1	49		22.1			
10	64QAM	25	0		20.78		22	3
10	64QAM	25	12		20.86			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.86			
10	256QAM	1	0		19.11		20	5
10	256QAM	1	25		19.16			
10	256QAM	1	49		19.23			
10	256QAM	25	0		19.06		20	5
10	256QAM	25	12		19.07			
10	256QAM	25	25		19.04			
10	256QAM	50	0		19.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.92	23.72	23.72	25	0
5	QPSK	1	12	23.89	23.93	23.79		
5	QPSK	1	24	23.92	23.9	23.77		
5	QPSK	12	0	22.81	22.8	22.74	24	1
5	QPSK	12	7	22.91	22.82	22.96		
5	QPSK	12	13	22.86	22.9	22.89		
5	QPSK	25	0	22.82	22.85	22.76		
5	16QAM	1	0	23.27	23.3	23.36	24	1
5	16QAM	1	12	23.32	23.32	23.58		
5	16QAM	1	24	23.25	23.27	23.41		
5	16QAM	12	0	21.8	21.81	21.86	23	2
5	16QAM	12	7	22.01	21.89	21.96		
5	16QAM	12	13	21.92	21.94	22.01		
5	16QAM	25	0	21.91	21.84	21.87		
5	64QAM	1	0	22.23	22.01	22.13	23	2
5	64QAM	1	12	22.12	21.85	22.16		
5	64QAM	1	24	22.17	21.99	21.94		
5	64QAM	12	0	20.83	20.83	20.87	22	3
5	64QAM	12	7	20.92	20.89	20.96		
5	64QAM	12	13	21.01	20.86	21.02		
5	64QAM	25	0	20.9	20.73	20.82		
5	256QAM	1	0	19.04	19.04	19.09	20	5
5	256QAM	1	12	19.13	19.12	19.16		
5	256QAM	1	24	19.22	19.22	19.19		
5	256QAM	12	0	19.04	19.05	19.00	20	5
5	256QAM	12	7	18.96	19.00	19.10		
5	256QAM	12	13	18.95	19.06	19.02		
5	256QAM	25	0	18.94	18.97	18.91		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.52	23.57	23.49	25	0
10	QPSK	1	25	23.32	23.48	23.35		
10	QPSK	1	49	23.29	23.37	23.28		
10	QPSK	25	0	22.45	22.58	22.48	24	1
10	QPSK	25	12	22.38	22.42	22.41		
10	QPSK	25	25	22.32	22.39	22.29		
10	QPSK	50	0	22.5	22.56	22.46		
10	16QAM	1	0	22.52	22.55	22.77	24	1
10	16QAM	1	25	22.88	22.83	22.89		
10	16QAM	1	49	22.75	22.89	22.85		
10	16QAM	25	0	21.49	21.42	21.54	23	2
10	16QAM	25	12	21.49	21.81	21.51		
10	16QAM	25	25	21.48	21.45	21.61		
10	16QAM	50	0	21.39	21.5	21.55		
10	64QAM	1	0	21.26	21.39	21.61	23	2
10	64QAM	1	25	21.58	21.68	21.58		
10	64QAM	1	49	21.61	21.58	21.55		
10	64QAM	25	0	20.54	20.45	20.43	22	3
10	64QAM	25	12	20.67	20.5	20.53		
10	64QAM	25	25	20.54	20.45	20.49		
10	64QAM	50	0	20.5	20.43	20.4		
10	256QAM	1	0	18.91	18.88	18.91	20	5
10	256QAM	1	25	18.82	18.94	18.92		
10	256QAM	1	49	18.82	18.91	18.85		
10	256QAM	25	0	18.83	18.87	18.77	20	5
10	256QAM	25	12	18.82	18.89	18.82		
10	256QAM	25	25	18.79	18.82	18.73		
10	256QAM	50	0	18.82	18.89	18.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.53	23.49	25	0
5	QPSK	1	12	23.4	23.36	23.45		
5	QPSK	1	24	23.28	23.25	23.26		
5	QPSK	12	0	22.54	22.56	22.5	24	1
5	QPSK	12	7	22.29	22.34	22.29		
5	QPSK	12	13	22.37	22.36	22.38		
5	QPSK	25	0	22.55	22.48	22.43		
5	16QAM	1	0	22.48	22.42	22.53	24	1
5	16QAM	1	12	22.79	22.7	22.82		
5	16QAM	1	24	22.88	22.84	22.8		
5	16QAM	12	0	21.35	21.41	21.36	23	2
5	16QAM	12	7	21.77	21.79	21.72		
5	16QAM	12	13	21.34	21.33	21.35		
5	16QAM	25	0	21.37	21.49	21.38		
5	64QAM	1	0	21.26	21.38	21.27	23	2
5	64QAM	1	12	21.54	21.67	21.54		
5	64QAM	1	24	21.54	21.53	21.44		
5	64QAM	12	0	20.38	20.35	20.44	22	3
5	64QAM	12	7	20.49	20.46	20.45		
5	64QAM	12	13	20.39	20.42	20.39		
5	64QAM	25	0	20.37	20.34	20.41		
5	256QAM	1	0	18.86	18.82	18.68	20	5
5	256QAM	1	12	18.88	18.74	18.75		
5	256QAM	1	24	18.73	18.76	18.88		
5	256QAM	12	0	18.73	18.86	18.75	20	5
5	256QAM	12	7	18.70	18.85	18.76		
5	256QAM	12	13	18.63	18.77	18.71		
5	256QAM	25	0	18.74	18.80	18.71		

Band 26 for FCC_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.86	23.8	25	0
15	QPSK	1	37	23.55	23.73	23.57		
15	QPSK	1	74	23.49	23.77	23.52		
15	QPSK	36	0	22.64	22.84	22.81	24	1
15	QPSK	36	20	22.63	22.69	22.76		
15	QPSK	36	39	22.59	22.64	22.74		
15	QPSK	75	0	22.81	22.85	22.72		
15	16QAM	1	0	22.78	23.13	22.78	24	1
15	16QAM	1	37	22.99	23.16	22.93		
15	16QAM	1	74	22.8	23.13	23.12		
15	16QAM	36	0	21.67	21.79	21.74	23	2
15	16QAM	36	20	21.78	21.71	21.77		
15	16QAM	36	39	21.74	21.94	21.71		
15	16QAM	75	0	21.74	21.78	21.79		
15	64QAM	1	0	21.56	21.55	21.82	23	2
15	64QAM	1	37	21.73	21.87	22.02		
15	64QAM	1	74	21.73	21.87	22.03		
15	64QAM	36	0	20.69	20.86	20.69	22	3
15	64QAM	36	20	20.77	20.94	20.74		
15	64QAM	36	39	20.65	20.76	20.72		
15	64QAM	75	0	20.72	20.79	20.87		
15	256QAM	1	0	19.05	19.07	19.04	20	5
15	256QAM	1	37	19.17	19.16	19.14		
15	256QAM	1	74	19.02	19.05	19.09		
15	256QAM	36	0	18.90	18.97	18.96	20	5
15	256QAM	36	20	18.77	18.85	18.79		
15	256QAM	36	39	18.79	18.84	18.71		
15	256QAM	75	0	18.82	18.83	18.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.8	23.78	23.81	25	0
10	QPSK	1	25	23.8	23.85	23.8		
10	QPSK	1	49	23.74	23.8	23.73		
10	QPSK	25	0	22.78	22.98	22.83	24	1
10	QPSK	25	12	22.83	22.91	22.85		
10	QPSK	25	25	22.79	22.97	22.83		
10	QPSK	50	0	22.85	22.94	22.95		
10	16QAM	1	0	23.01	23.03	23.09	24	1
10	16QAM	1	25	23.04	23.09	23.07		
10	16QAM	1	49	23.06	23.23	23.03		
10	16QAM	25	0	21.85	21.9	21.81	23	2
10	16QAM	25	12	21.89	22.04	21.97		
10	16QAM	25	25	21.75	21.97	21.99		
10	16QAM	50	0	21.79	21.92	21.96		
10	64QAM	1	0	21.67	21.9	22.08	23	2
10	64QAM	1	25	22.15	21.95	21.78		
10	64QAM	1	49	21.81	22.07	22.02		
10	64QAM	25	0	20.71	20.87	20.82	22	3
10	64QAM	25	12	20.92	21.01	20.9		
10	64QAM	25	25	20.93	21.05	20.79		
10	64QAM	50	0	20.84	20.96	20.89		
10	256QAM	1	0	19.12	19.01	19.05	20	5
10	256QAM	1	25	19.11	19.15	19.08		
10	256QAM	1	49	19.06	19.02	18.93		
10	256QAM	25	0	18.86	18.96	18.84	20	5
10	256QAM	25	12	18.75	18.81	18.81		
10	256QAM	25	25	18.78	18.84	18.77		
10	256QAM	50	0	18.84	18.80	18.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.74	23.72	25	0
5	QPSK	1	12	23.72	23.79	23.78		
5	QPSK	1	24	23.72	23.85	23.78		
5	QPSK	12	0	22.73	22.9	22.8	24	1
5	QPSK	12	7	22.78	23.02	22.83		
5	QPSK	12	13	22.77	22.92	22.86		
5	QPSK	25	0	22.77	22.83	22.77		
5	16QAM	1	0	23.36	23.27	23.24	24	1
5	16QAM	1	12	23.19	23.34	23.19		
5	16QAM	1	24	23.28	22.9	23.26		
5	16QAM	12	0	21.76	21.83	21.75	23	2
5	16QAM	12	7	21.98	21.88	21.92		
5	16QAM	12	13	21.86	21.98	21.88		
5	16QAM	25	0	21.87	21.88	21.89		
5	64QAM	1	0	21.83	21.96	22.17	23	2
5	64QAM	1	12	21.97	22.02	22.03		
5	64QAM	1	24	21.81	22.02	21.72		
5	64QAM	12	0	20.69	21.01	20.8	22	3
5	64QAM	12	7	20.89	21.1	20.81		
5	64QAM	12	13	20.73	21.02	20.85		
5	64QAM	25	0	20.75	20.82	20.71		
5	256QAM	1	0	19.04	19.00	18.97	20	5
5	256QAM	1	12	19.11	19.11	19.15		
5	256QAM	1	24	18.99	19.07	19.00		
5	256QAM	12	0	18.86	18.95	18.93	20	5
5	256QAM	12	7	18.79	18.88	18.75		
5	256QAM	12	13	18.75	18.83	18.82		
5	256QAM	25	0	18.81	18.76	18.85		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.55	23.82	23.75	25	0
3	QPSK	1	8	23.75	23.66	23.68		
3	QPSK	1	14	23.63	23.7	23.73		
3	QPSK	8	0	22.77	22.7	22.76	24	1
3	QPSK	8	4	22.78	22.9	22.86		
3	QPSK	8	7	22.77	22.81	22.79		
3	QPSK	15	0	22.7	22.69	22.8		
3	16QAM	1	0	23.04	22.92	22.71	24	1
3	16QAM	1	8	23.04	23.04	23.03		
3	16QAM	1	14	22.92	23.01	23.03		
3	16QAM	8	0	21.8	21.89	21.85	23	2
3	16QAM	8	4	21.83	22.03	21.97		
3	16QAM	8	7	21.88	21.96	21.92		
3	16QAM	15	0	21.87	21.8	21.75		
3	64QAM	1	0	22.13	22.12	22.29	23	2
3	64QAM	1	8	22.19	22.28	21.92		
3	64QAM	1	14	21.95	21.85	22.12		
3	64QAM	8	0	20.71	20.94	20.81	22	3
3	64QAM	8	4	20.81	20.88	20.91		
3	64QAM	8	7	20.89	20.95	20.81		
3	64QAM	15	0	20.79	20.72	20.78		
3	256QAM	1	0	19.05	19.04	19.01	20	5
3	256QAM	1	8	19.14	19.18	19.14		
3	256QAM	1	14	19.01	19.00	19.02		
3	256QAM	8	0	18.93	18.95	18.84	20	5
3	256QAM	8	4	18.80	18.86	18.74		
3	256QAM	8	7	18.77	18.77	18.77		
3	256QAM	15	0	18.86	18.82	18.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.7	23.72	23.67	25	0
1.4	QPSK	1	3	23.74	23.83	23.61		
1.4	QPSK	1	5	23.71	23.62	23.61		
1.4	QPSK	3	0	23.8	23.67	23.56		
1.4	QPSK	3	1	23.68	23.65	23.67		
1.4	QPSK	3	3	23.66	23.61	23.62		
1.4	QPSK	6	0	22.71	22.7	22.56	24	1
1.4	16QAM	1	0	22.87	23.12	22.78	24	1
1.4	16QAM	1	3	23.03	23	22.99		
1.4	16QAM	1	5	23.08	22.95	22.87		
1.4	16QAM	3	0	22.91	22.87	22.76		
1.4	16QAM	3	1	22.94	22.83	22.8		
1.4	16QAM	3	3	22.94	22.6	22.76		
1.4	16QAM	6	0	21.88	21.72	21.64	23	2
1.4	64QAM	1	0	21.68	22.05	21.64	23	2
1.4	64QAM	1	3	21.63	21.66	22.01		
1.4	64QAM	1	5	21.72	21.82	21.86		
1.4	64QAM	3	0	21.73	21.75	21.74		
1.4	64QAM	3	1	21.95	21.83	21.75		
1.4	64QAM	3	3	21.69	21.64	21.74		
1.4	64QAM	6	0	20.8	20.65	20.75	22	3
1.4	256QAM	1	0	19.11	19.10	19.02	20	5
1.4	256QAM	1	3	19.18	19.19	19.13		
1.4	256QAM	1	5	19.04	19.01	18.97		
1.4	256QAM	3	0	18.89	18.93	18.83		
1.4	256QAM	3	1	18.79	18.85	18.75		
1.4	256QAM	3	3	18.76	18.80	18.78		
1.4	256QAM	6	0	18.84	18.86	18.78	20	5

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.06	24.08	24.05	25	0
20	QPSK	1	49	23.96	23.98	23.87		
20	QPSK	1	99	23.73	23.76	23.75		
20	QPSK	50	0	22.97	23.04	22.96	24	1
20	QPSK	50	24	22.92	22.91	22.88		
20	QPSK	50	50	22.86	22.88	22.85		
20	QPSK	100	0	22.91	22.97	22.86		
20	16QAM	1	0	23.21	23.2	23.24	24	1
20	16QAM	1	49	23.25	23.16	23.22		
20	16QAM	1	99	23.07	23.04	23.02		
20	16QAM	50	0	21.93	22	22.01	23	2
20	16QAM	50	24	21.98	21.94	21.92		
20	16QAM	50	50	21.95	21.93	21.87		
20	16QAM	100	0	21.99	21.94	21.96		
20	64QAM	1	0	22.08	22.11	22.13	23	2
20	64QAM	1	49	22.14	22.16	22.182		
20	64QAM	1	99	22.02	22.07	22.09		
20	64QAM	50	0	20.98	20.94	20.97	22	3
20	64QAM	50	24	21.01	20.92	20.96		
20	64QAM	50	50	20.98	20.99	20.89		
20	64QAM	100	0	20.95	20.92	20.91		
20	256QAM	1	0	19.06	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.10		
20	256QAM	1	99	19.00	19.03	18.98		
20	256QAM	50	0	19.05	19.04	19.09	20	5
20	256QAM	50	24	18.87	18.87	18.82		
20	256QAM	50	50	18.95	18.95	18.98		
20	256QAM	100	0	18.79	18.92	18.89		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.05	23.95	25	0
15	QPSK	1	37	23.91	23.93	23.81		
15	QPSK	1	74	23.7	23.74	23.69		
15	QPSK	36	0	22.91	23.01	22.94	24	1
15	QPSK	36	20	22.83	22.88	22.86		
15	QPSK	36	39	22.83	22.81	22.78		
15	QPSK	75	0	22.84	22.86	22.78		
15	16QAM	1	0	23.2	23.1	23.16	24	1
15	16QAM	1	37	23.16	23.12	23.17		
15	16QAM	1	74	23.04	22.94	22.97		
15	16QAM	36	0	21.84	22.01	21.95	23	2
15	16QAM	36	20	21.9	21.91	21.89		
15	16QAM	36	39	21.88	21.92	21.83		
15	16QAM	75	0	21.96	21.88	21.95		
15	64QAM	1	0	22.03	22.02	22.11	23	2
15	64QAM	1	37	22.11	22.05	22.122		
15	64QAM	1	74	21.96	22.03	22.02		
15	64QAM	36	0	20.89	20.87	20.9	22	3
15	64QAM	36	20	20.94	20.89	20.96		
15	64QAM	36	39	20.91	20.99	20.85		
15	64QAM	75	0	20.88	20.86	20.89		
15	256QAM	1	0	19.06	19.08	19.01	20	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.03	19.06	18.99		
15	256QAM	36	0	19.04	19.05	19.06	20	5
15	256QAM	36	20	18.91	18.83	18.79		
15	256QAM	36	39	18.97	18.93	18.87		
15	256QAM	75	0	18.86	18.90	18.93		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.94	24.03	23.98	25	0
10	QPSK	1	25	23.89	23.92	23.87		
10	QPSK	1	49	23.74	23.73	23.69		
10	QPSK	25	0	22.93	22.94	22.93	24	1
10	QPSK	25	12	22.82	22.88	22.82		
10	QPSK	25	25	22.85	22.83	22.77		
10	QPSK	50	0	22.86	22.9	22.8		
10	16QAM	1	0	23.18	23.08	23.21	24	1
10	16QAM	1	25	23.22	23.13	23.17		
10	16QAM	1	49	23.02	22.99	22.97		
10	16QAM	25	0	21.89	22	21.93	23	2
10	16QAM	25	12	21.91	21.85	21.85		
10	16QAM	25	25	21.87	21.86	21.8		
10	16QAM	50	0	21.98	21.87	21.91		
10	64QAM	1	0	22.07	22.07	22.06	23	2
10	64QAM	1	25	22.13	22.07	22.072		
10	64QAM	1	49	21.93	22.01	22.04		
10	64QAM	25	0	20.96	20.91	20.92	22	3
10	64QAM	25	12	20.94	20.9	20.93		
10	64QAM	25	25	20.93	20.97	20.85		
10	64QAM	50	0	20.89	20.83	20.86		
10	256QAM	1	0	19.02	19.02	19.03	20	5
10	256QAM	1	25	19.04	19.11	19.09		
10	256QAM	1	49	18.97	19.01	18.96		
10	256QAM	25	0	19.04	19.02	19.01	20	5
10	256QAM	25	12	18.83	18.85	18.87		
10	256QAM	25	25	18.98	18.95	18.93		
10	256QAM	50	0	18.86	18.86	18.95		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.03	24.04	23.96	25	0
5	QPSK	1	12	23.93	23.92	23.83		
5	QPSK	1	24	23.69	23.73	23.7		
5	QPSK	12	0	22.92	22.96	22.91	24	1
5	QPSK	12	7	22.89	22.82	22.83		
5	QPSK	12	13	22.8	22.82	22.86		
5	QPSK	25	0	22.9	22.92	22.78		
5	16QAM	1	0	23.12	23.15	23.23	24	1
5	16QAM	1	12	23.14	23.1	23.19		
5	16QAM	1	24	23.06	22.97	22.91		
5	16QAM	12	0	21.82	21.98	21.94	23	2
5	16QAM	12	7	21.92	21.92	21.91		
5	16QAM	12	13	21.88	21.9	21.85		
5	16QAM	25	0	21.95	21.89	21.94		
5	64QAM	1	0	22.01	22.11	22.11	23	2
5	64QAM	1	12	22.1	22.12	22.112		
5	64QAM	1	24	22	22.01	22.03		
5	64QAM	12	0	20.94	20.91	20.95	22	3
5	64QAM	12	7	20.92	20.88	20.89		
5	64QAM	12	13	20.89	20.94	20.78		
5	64QAM	25	0	20.87	20.89	20.89		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.13	19.15	19.12		
5	256QAM	1	24	19.00	18.96	18.97		
5	256QAM	12	0	19.04	19.00	19.00	20	5
5	256QAM	12	7	18.87	18.89	18.81		
5	256QAM	12	13	18.95	18.91	18.88		
5	256QAM	25	0	18.79	18.95	18.94		

Reduced Power for DSI7/12

GSM850_ANT 1		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		33.62	33.51	33.38	**34.00**	24.62	24.51	24.38	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.61	33.49	33.37	**34.00**	24.61	24.49	24.37	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.50	30.28	30.08	**31.00**	24.50	24.28	24.08	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.63	28.45	28.18	**29.20**	24.37	24.19	23.92	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.04	27.07	26.95	**28.00**	24.04	24.07	23.95	25.00
EDGE 1 Tx slot		27.27	27.54	27.05	**28.00**	18.27	18.54	18.05	19.00
EDGE 2 Tx slots		25.08	25.09	24.92	**25.20**	19.08	19.09	18.92	19.20
EDGE 3 Tx slots		23.82	23.83	23.68	**24.00**	19.56	19.57	19.42	19.74
EDGE 4 Tx slots		23.05	23.18	23.11	**23.50**	20.05	20.18	20.11	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.38	30.14	29.95	**31.00**	24.43	24.19	23.97	24.98
	GPRS 1 Tx slot	30.52	30.28	30.04	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.34	30.29	30.05	**31.00**	24.40	24.22	24.04	24.98
	GPRS 1 Tx slot	30.50	30.19	30.07	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.59	28.39	28.18	**29.20**	24.34	24.14	23.88	24.94
	GPRS 2 Tx slots	28.61	28.41	28.12	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.53	30.32	30.12	**31.00**	22.53	22.36	22.17	22.98
	EDGE 1 Tx slot	24.81	24.80	24.65	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.51	30.22	30.17	**31.00**	22.51	22.30	22.20	22.98
	EDGE 1 Tx slot	24.77	24.86	24.60	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.68	28.55	28.27	**29.20**	21.70	21.62	21.40	22.22
	EDGE 2 Tx slots	23.49	23.48	23.36	**24.00**				

Band		WCDMA V_ANT 1			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	24.01	24.09	24.00	25.00
3GPP Rel 99	RMC 12.2Kbps	24.03	24.11	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	22.85	22.93	22.88	24.00
3GPP Rel 6	HSDPA Subtest-2	22.83	22.92	22.92	24.00
3GPP Rel 6	HSDPA Subtest-3	22.34	22.47	22.37	23.50
3GPP Rel 6	HSDPA Subtest-4	22.39	22.39	22.41	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.68	22.76	22.76	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.38	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.23	22.30	22.30	23.50
3GPP Rel 6	HSUPA Subtest-1	22.75	22.88	22.86	24.00
3GPP Rel 6	HSUPA Subtest-2	20.76	20.85	20.84	22.00
3GPP Rel 6	HSUPA Subtest-3	21.76	21.86	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	20.73	20.88	20.83	22.00
3GPP Rel 6	HSUPA Subtest-5	22.80	22.90	22.90	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.10	21.20	21.10	22.00

Band 5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.65	23.78	23.74	25	0
10	QPSK	1	25	23.48	23.65	23.55		
10	QPSK	1	49	23.34	23.57	23.48		
10	QPSK	25	0	22.55	22.59	22.53	24	1
10	QPSK	25	12	22.46	22.54	22.46		
10	QPSK	25	25	22.41	22.5	22.44		
10	QPSK	50	0	22.57	22.65	22.45		
10	16QAM	1	0	22.9	22.96	22.86	24	1
10	16QAM	1	25	22.8	23.23	23.22		
10	16QAM	1	49	22.95	22.89	23.05		
10	16QAM	25	0	21.51	21.44	21.56	23	2
10	16QAM	25	12	21.57	21.47	21.64		
10	16QAM	25	25	21.55	21.55	21.46		
10	16QAM	50	0	21.54	21.48	21.62		
10	64QAM	1	0	22.04	21.67	21.77	23	2
10	64QAM	1	25	21.76	21.92	21.65		
10	64QAM	1	49	21.86	21.71	21.78		
10	64QAM	25	0	20.43	20.46	20.59	22	3
10	64QAM	25	12	20.62	20.53	20.64		
10	64QAM	25	25	20.63	20.55	20.73		
10	64QAM	50	0	20.55	20.5	20.57		
10	256QAM	1	0	19.14	19.18	19.12	20	5
10	256QAM	1	25	19.11	19.13	19.06		
10	256QAM	1	49	19.02	19.11	18.99		
10	256QAM	25	0	19.15	19.08	19.11	20	5
10	256QAM	25	12	19.01	19.10	19.05		
10	256QAM	25	25	19.06	19.12	19.01		
10	256QAM	50	0	18.99	19.05	18.98		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.39	23.5	23.5	25	0
5	QPSK	1	12	23.49	23.61	23.59		
5	QPSK	1	24	23.43	23.54	23.38		
5	QPSK	12	0	22.39	22.49	22.49	24	1
5	QPSK	12	7	22.57	22.49	22.53		
5	QPSK	12	13	22.6	22.51	22.52		
5	QPSK	25	0	22.48	22.47	22.44		
5	16QAM	1	0	22.89	22.83	23.08	24	1
5	16QAM	1	12	22.91	23.07	23.12		
5	16QAM	1	24	22.95	23.07	22.73		
5	16QAM	12	0	21.41	21.58	21.46	23	2
5	16QAM	12	7	21.6	21.59	21.58		
5	16QAM	12	13	21.62	21.47	21.54		
5	16QAM	25	0	21.57	21.45	21.47		
5	64QAM	1	0	21.67	21.48	21.52	23	2
5	64QAM	1	12	21.98	21.87	21.81		
5	64QAM	1	24	21.75	21.98	21.88		
5	64QAM	12	0	20.5	20.5	20.48	22	3
5	64QAM	12	7	20.56	20.65	20.58		
5	64QAM	12	13	20.66	20.64	20.44		
5	64QAM	25	0	20.54	20.57	20.56		
5	256QAM	1	0	19.11	19.14	19.06	20	5
5	256QAM	1	12	19.06	19.10	19.04		
5	256QAM	1	24	19.09	19.04	19.03		
5	256QAM	12	0	19.06	19.02	19.06	20	5
5	256QAM	12	7	19.06	19.08	19.12		
5	256QAM	12	13	19.09	19.07	19.09		
5	256QAM	25	0	18.97	19.06	19.05		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.33	23.55	23.32	25	0
3	QPSK	1	8	23.47	23.51	23.51		
3	QPSK	1	14	23.29	23.48	23.43		
3	QPSK	8	0	22.54	22.48	22.4	24	1
3	QPSK	8	4	22.54	22.58	22.52		
3	QPSK	8	7	22.51	22.51	22.5		
3	QPSK	15	0	22.57	22.4	22.47		
3	16QAM	1	0	22.59	22.8	22.76	24	1
3	16QAM	1	8	22.64	22.98	22.97		
3	16QAM	1	14	22.67	22.59	22.95		
3	16QAM	8	0	21.59	21.5	21.49	23	2
3	16QAM	8	4	21.51	21.67	21.63		
3	16QAM	8	7	21.52	21.62	21.63		
3	16QAM	15	0	21.58	21.49	21.63		
3	64QAM	1	0	22.02	21.65	21.75	23	2
3	64QAM	1	8	21.75	21.96	21.85		
3	64QAM	1	14	21.75	21.71	21.64		
3	64QAM	8	0	20.49	20.52	20.54	22	3
3	64QAM	8	4	20.53	20.6	20.54		
3	64QAM	8	7	20.57	20.41	20.67		
3	64QAM	15	0	20.57	20.46	20.54		
3	256QAM	1	0	19.20	19.18	19.16	20	5
3	256QAM	1	8	19.08	19.11	19.07		
3	256QAM	1	14	19.01	19.11	19.07		
3	256QAM	8	0	19.08	18.99	19.08	20	5
3	256QAM	8	4	19.01	19.11	19.09		
3	256QAM	8	7	19.07	19.14	19.08		
3	256QAM	15	0	19.03	18.99	19.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.47	23.35	23.56	25	0
1.4	QPSK	1	3	23.49	23.38	23.47		
1.4	QPSK	1	5	23.43	23.41	23.48		
1.4	QPSK	3	0	23.45	23.45	23.56		
1.4	QPSK	3	1	23.48	23.4	23.43		
1.4	QPSK	3	3	23.32	23.43	23.41		
1.4	QPSK	6	0	22.42	22.4	22.53	24	1
1.4	16QAM	1	0	22.57	22.68	22.88	24	1
1.4	16QAM	1	3	22.79	22.64	22.74		
1.4	16QAM	1	5	23	22.97	22.78		
1.4	16QAM	3	0	22.56	22.61	22.51		
1.4	16QAM	3	1	22.54	22.52	22.78		
1.4	16QAM	3	3	22.52	22.58	22.76		
1.4	16QAM	6	0	21.63	21.56	21.63	23	2
1.4	64QAM	1	0	21.74	21.48	21.79	23	2
1.4	64QAM	1	3	21.48	21.42	21.65		
1.4	64QAM	1	5	21.79	21.59	21.7		
1.4	64QAM	3	0	21.83	21.49	21.64		
1.4	64QAM	3	1	21.88	21.47	21.74		
1.4	64QAM	3	3	21.65	21.48	21.61		
1.4	64QAM	6	0	20.54	20.44	20.71	22	3
1.4	256QAM	1	0	19.16	19.13	19.08	20	5
1.4	256QAM	1	3	19.03	19.13	19.01		
1.4	256QAM	1	5	19.09	19.08	19.11		
1.4	256QAM	3	0	19.09	19.01	19.06		
1.4	256QAM	3	1	19.01	19.09	19.16		
1.4	256QAM	3	3	19.01	19.09	19.10		
1.4	256QAM	6	0	18.96	18.98	19.06	20	5

Band 12_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.81	23.67	25	0
10	QPSK	1	25	23.48	23.67	23.49		
10	QPSK	1	49	23.36	23.43	23.39		
10	QPSK	25	0	22.67	22.78	22.61	24	1
10	QPSK	25	12	22.56	22.64	22.54		
10	QPSK	25	25	22.43	22.53	22.53		
10	QPSK	50	0	22.59	22.64	22.54		
10	16QAM	1	0	23.08	22.9	22.75	24	1
10	16QAM	1	25	22.83	22.86	22.62		
10	16QAM	1	49	22.73	22.76	22.63		
10	16QAM	25	0	21.52	21.52	21.55	23	2
10	16QAM	25	12	21.57	21.55	21.65		
10	16QAM	25	25	21.66	21.8	21.7		
10	16QAM	50	0	21.6	21.53	21.54		
10	64QAM	1	0	21.66	21.68	21.71	23	2
10	64QAM	1	25	21.71	21.87	22.07		
10	64QAM	1	49	21.81	22.02	21.65		
10	64QAM	25	0	20.48	20.49	20.56	22	3
10	64QAM	25	12	20.63	20.58	20.56		
10	64QAM	25	25	20.45	20.67	20.61		
10	64QAM	50	0	20.61	20.56	20.53		
10	256QAM	1	0	18.95	19.07	18.96	20	5
10	256QAM	1	25	19.03	19.09	18.99		
10	256QAM	1	49	19.18	19.25	19.27		
10	256QAM	25	0	18.98	19.05	19.04	20	5
10	256QAM	25	12	18.97	19.04	18.93		
10	256QAM	25	25	18.95	19.06	18.95		
10	256QAM	50	0	19.06	19.04	19.05		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.78	23.42	25	0
5	QPSK	1	12	23.5	23.55	23.6		
5	QPSK	1	24	23.49	23.64	23.59		
5	QPSK	12	0	22.46	22.56	22.57	24	1
5	QPSK	12	7	22.6	22.48	22.68		
5	QPSK	12	13	22.53	22.56	22.56		
5	QPSK	25	0	22.51	22.53	22.58		
5	16QAM	1	0	22.78	22.87	22.83	24	1
5	16QAM	1	12	23.04	23.27	23.19		
5	16QAM	1	24	22.88	22.84	23.11		
5	16QAM	12	0	21.52	21.53	21.56	23	2
5	16QAM	12	7	21.7	21.7	21.56		
5	16QAM	12	13	21.63	21.65	21.64		
5	16QAM	25	0	21.51	21.42	21.6		
5	64QAM	1	0	21.63	21.87	22.04	23	2
5	64QAM	1	12	22	22.06	21.76		
5	64QAM	1	24	21.79	21.81	21.94		
5	64QAM	12	0	20.66	20.52	20.57	22	3
5	64QAM	12	7	20.57	20.68	20.48		
5	64QAM	12	13	20.5	20.75	20.62		
5	64QAM	25	0	20.58	20.59	20.6		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.00	19.06	19.04		
5	256QAM	1	24	19.19	19.19	19.16		
5	256QAM	12	0	19.00	19.04	18.92	20	5
5	256QAM	12	7	18.97	19.04	19.10		
5	256QAM	12	13	18.98	19.08	19.08		
5	256QAM	25	0	19.03	19.01	18.97		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.34	23.52	23.49	25	0
3	QPSK	1	8	23.49	23.62	23.55		
3	QPSK	1	14	23.37	23.37	23.51		
3	QPSK	8	0	22.6	22.6	22.57	24	1
3	QPSK	8	4	22.59	22.64	22.62		
3	QPSK	8	7	22.56	22.56	22.58		
3	QPSK	15	0	22.59	22.51	22.54		
3	16QAM	1	0	22.84	22.76	22.98	24	1
3	16QAM	1	8	23.17	22.75	22.89		
3	16QAM	1	14	22.87	22.88	22.99		
3	16QAM	8	0	21.6	21.63	21.69	23	2
3	16QAM	8	4	21.65	21.79	21.74		
3	16QAM	8	7	21.57	21.72	21.71		
3	16QAM	15	0	21.55	21.44	21.54		
3	64QAM	1	0	21.79	21.51	21.76	23	2
3	64QAM	1	8	21.68	21.87	21.72		
3	64QAM	1	14	21.9	21.62	21.85		
3	64QAM	8	0	20.62	20.64	20.66	22	3
3	64QAM	8	4	20.55	20.7	20.7		
3	64QAM	8	7	20.5	20.6	20.62		
3	64QAM	15	0	20.7	20.59	20.62		
3	256QAM	1	0	19.02	19.07	18.97	20	5
3	256QAM	1	8	18.99	19.03	19.09		
3	256QAM	1	14	19.17	19.21	19.21		
3	256QAM	8	0	19.04	19.07	19.00	20	5
3	256QAM	8	4	18.96	19.02	19.09		
3	256QAM	8	7	19.00	19.08	19.00		
3	256QAM	15	0	19.05	19.07	18.94		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.53	23.57	23.49	25	0
1.4	QPSK	1	3	23.64	23.53	23.56		
1.4	QPSK	1	5	23.47	23.42	23.59		
1.4	QPSK	3	0	23.58	23.44	23.73		
1.4	QPSK	3	1	23.71	23.54	23.54		
1.4	QPSK	3	3	23.57	23.42	23.62		
1.4	QPSK	6	0	22.49	22.54	22.56	24	1
1.4	16QAM	1	0	22.92	22.97	22.78	24	1
1.4	16QAM	1	3	22.99	23.11	23.17		
1.4	16QAM	1	5	23.06	23.19	22.76		
1.4	16QAM	3	0	22.75	22.56	22.8		
1.4	16QAM	3	1	22.79	22.84	23.02		
1.4	16QAM	3	3	22.8	22.76	22.54		
1.4	16QAM	6	0	21.54	21.64	21.76	23	2
1.4	64QAM	1	0	21.9	21.8	21.82	23	2
1.4	64QAM	1	3	21.66	21.98	21.87		
1.4	64QAM	1	5	21.64	21.75	21.72		
1.4	64QAM	3	0	21.8	21.62	21.82		
1.4	64QAM	3	1	21.79	21.77	21.72		
1.4	64QAM	3	3	21.83	21.7	21.67		
1.4	64QAM	6	0	20.55	20.6	20.67	22	3
1.4	256QAM	1	0	19.02	19.04	18.99	20	5
1.4	256QAM	1	3	19.00	19.04	19.12		
1.4	256QAM	1	5	19.22	19.22	19.19		
1.4	256QAM	3	0	19.00	19.06	18.96		
1.4	256QAM	3	1	19.02	19.00	19.01		
1.4	256QAM	3	3	18.99	19.08	19.06		
1.4	256QAM	6	0	18.97	19.00	18.91	20	5

Band 13_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.94		25	0
10	QPSK	1	25		23.88			
10	QPSK	1	49		23.72			
10	QPSK	25	0		22.82		24	1
10	QPSK	25	12		22.8			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.73			
10	16QAM	1	0		23.23		24	1
10	16QAM	1	25		23.39			
10	16QAM	1	49		23.53			
10	16QAM	25	0		21.88		23	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.9			
10	16QAM	50	0		21.87			
10	64QAM	1	0		22.02		23	2
10	64QAM	1	25		21.78			
10	64QAM	1	49		22.1			
10	64QAM	25	0		20.78		22	3
10	64QAM	25	12		20.86			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.86			
10	256QAM	1	0		19.11		20	5
10	256QAM	1	25		19.16			
10	256QAM	1	49		19.23			
10	256QAM	25	0		19.06		20	5
10	256QAM	25	12		19.07			
10	256QAM	25	25		19.04			
10	256QAM	50	0		19.01			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.92	23.72	23.72	25	0
5	QPSK	1	12	23.89	23.93	23.79		
5	QPSK	1	24	23.92	23.9	23.77		
5	QPSK	12	0	22.81	22.8	22.74	24	1
5	QPSK	12	7	22.91	22.82	22.96		
5	QPSK	12	13	22.86	22.9	22.89		
5	QPSK	25	0	22.82	22.85	22.76		
5	16QAM	1	0	23.27	23.3	23.36	24	1
5	16QAM	1	12	23.32	23.32	23.58		
5	16QAM	1	24	23.25	23.27	23.41		
5	16QAM	12	0	21.8	21.81	21.86	23	2
5	16QAM	12	7	22.01	21.89	21.96		
5	16QAM	12	13	21.92	21.94	22.01		
5	16QAM	25	0	21.91	21.84	21.87		
5	64QAM	1	0	22.23	22.01	22.13	23	2
5	64QAM	1	12	22.12	21.85	22.16		
5	64QAM	1	24	22.17	21.99	21.94		
5	64QAM	12	0	20.83	20.83	20.87	22	3
5	64QAM	12	7	20.92	20.89	20.96		
5	64QAM	12	13	21.01	20.86	21.02		
5	64QAM	25	0	20.9	20.73	20.82		
5	256QAM	1	0	19.04	19.04	19.09	20	5
5	256QAM	1	12	19.13	19.12	19.16		
5	256QAM	1	24	19.22	19.22	19.19		
5	256QAM	12	0	19.04	19.05	19.00	20	5
5	256QAM	12	7	18.96	19.00	19.10		
5	256QAM	12	13	18.95	19.06	19.02		
5	256QAM	25	0	18.94	18.97	18.91		

Band 17_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.52	23.57	23.49	25	0
10	QPSK	1	25	23.32	23.48	23.35		
10	QPSK	1	49	23.29	23.37	23.28		
10	QPSK	25	0	22.45	22.58	22.48	24	1
10	QPSK	25	12	22.38	22.42	22.41		
10	QPSK	25	25	22.32	22.39	22.29		
10	QPSK	50	0	22.5	22.56	22.46		
10	16QAM	1	0	22.52	22.55	22.77	24	1
10	16QAM	1	25	22.68	22.83	22.89		
10	16QAM	1	49	22.75	22.89	22.85		
10	16QAM	25	0	21.49	21.42	21.54	23	2
10	16QAM	25	12	21.49	21.81	21.51		
10	16QAM	25	25	21.48	21.45	21.61		
10	16QAM	50	0	21.39	21.5	21.55		
10	64QAM	1	0	21.26	21.39	21.61	23	2
10	64QAM	1	25	21.58	21.68	21.58		
10	64QAM	1	49	21.61	21.58	21.55		
10	64QAM	25	0	20.54	20.45	20.43	22	3
10	64QAM	25	12	20.67	20.5	20.53		
10	64QAM	25	25	20.54	20.45	20.49		
10	64QAM	50	0	20.5	20.43	20.4		
10	256QAM	1	0	18.91	18.88	18.91	20	5
10	256QAM	1	25	18.82	18.94	18.92		
10	256QAM	1	49	18.82	18.91	18.85		
10	256QAM	25	0	18.83	18.87	18.77	20	5
10	256QAM	25	12	18.82	18.89	18.82		
10	256QAM	25	25	18.79	18.82	18.73		
10	256QAM	50	0	18.82	18.89	18.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.51	23.53	23.49	25	0
5	QPSK	1	12	23.4	23.36	23.45		
5	QPSK	1	24	23.28	23.25	23.26		
5	QPSK	12	0	22.54	22.56	22.5	24	1
5	QPSK	12	7	22.29	22.34	22.29		
5	QPSK	12	13	22.37	22.36	22.38		
5	QPSK	25	0	22.55	22.48	22.43		
5	16QAM	1	0	22.48	22.42	22.53	24	1
5	16QAM	1	12	22.79	22.7	22.82		
5	16QAM	1	24	22.88	22.84	22.8		
5	16QAM	12	0	21.35	21.41	21.36	23	2
5	16QAM	12	7	21.77	21.79	21.72		
5	16QAM	12	13	21.34	21.33	21.35		
5	16QAM	25	0	21.37	21.49	21.38		
5	64QAM	1	0	21.26	21.38	21.27	23	2
5	64QAM	1	12	21.54	21.67	21.54		
5	64QAM	1	24	21.54	21.53	21.44		
5	64QAM	12	0	20.38	20.35	20.44	22	3
5	64QAM	12	7	20.49	20.46	20.45		
5	64QAM	12	13	20.39	20.42	20.39		
5	64QAM	25	0	20.37	20.34	20.41		
5	256QAM	1	0	18.86	18.82	18.68	20	5
5	256QAM	1	12	18.88	18.74	18.75		
5	256QAM	1	24	18.73	18.76	18.88		
5	256QAM	12	0	18.73	18.86	18.75	20	5
5	256QAM	12	7	18.70	18.85	18.76		
5	256QAM	12	13	18.63	18.77	18.71		
5	256QAM	25	0	18.74	18.80	18.71		

Band 26 for FCC_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.86	23.8	25	0
15	QPSK	1	37	23.55	23.73	23.57		
15	QPSK	1	74	23.49	23.77	23.52		
15	QPSK	36	0	22.64	22.84	22.81	24	1
15	QPSK	36	20	22.63	22.69	22.76		
15	QPSK	36	39	22.59	22.64	22.74		
15	QPSK	75	0	22.81	22.85	22.72		
15	16QAM	1	0	22.78	23.13	22.78	24	1
15	16QAM	1	37	22.99	23.16	22.93		
15	16QAM	1	74	22.8	23.13	23.12		
15	16QAM	36	0	21.67	21.79	21.74	23	2
15	16QAM	36	20	21.78	21.71	21.77		
15	16QAM	36	39	21.74	21.94	21.71		
15	16QAM	75	0	21.74	21.78	21.79		
15	64QAM	1	0	21.56	21.55	21.82	23	2
15	64QAM	1	37	21.73	21.87	22.02		
15	64QAM	1	74	21.73	21.87	22.03		
15	64QAM	36	0	20.69	20.86	20.69	22	3
15	64QAM	36	20	20.77	20.84	20.74		
15	64QAM	36	39	20.65	20.76	20.72		
15	64QAM	75	0	20.72	20.79	20.87		
15	256QAM	1	0	19.05	19.07	19.04	20	5
15	256QAM	1	37	19.17	19.16	19.14		
15	256QAM	1	74	19.02	19.05	19.09		
15	256QAM	36	0	18.90	18.97	18.96	20	5
15	256QAM	36	20	18.77	18.85	18.79		
15	256QAM	36	39	18.79	18.84	18.71		
15	256QAM	75	0	18.82	18.83	18.86		
Channel				26740	26855	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.6	23.78	23.81	25	0
10	QPSK	1	25	23.8	23.85	23.8		
10	QPSK	1	49	23.74	23.8	23.73		
10	QPSK	25	0	22.78	22.98	22.83	24	1
10	QPSK	25	12	22.83	22.91	22.85		
10	QPSK	25	25	22.79	22.97	22.83		
10	QPSK	50	0	22.85	22.94	22.95		
10	16QAM	1	0	23.01	23.03	23.09	24	1
10	16QAM	1	25	23.04	23.09	23.07		
10	16QAM	1	49	23.06	23.23	23.03		
10	16QAM	25	0	21.85	21.9	21.81	23	2
10	16QAM	25	12	21.89	22.04	21.97		
10	16QAM	25	25	21.75	21.97	21.99		
10	16QAM	50	0	21.79	21.92	21.96		
10	64QAM	1	0	21.67	21.9	22.08	23	2
10	64QAM	1	25	22.15	21.95	21.78		
10	64QAM	1	49	21.81	22.07	22.02		
10	64QAM	25	0	20.71	20.87	20.82	22	3
10	64QAM	25	12	20.92	21.01	20.9		
10	64QAM	25	25	20.93	21.05	20.79		
10	64QAM	50	0	20.84	20.96	20.89		
10	256QAM	1	0	19.12	19.01	19.05	20	5
10	256QAM	1	25	19.11	19.15	19.08		
10	256QAM	1	49	19.06	19.02	18.93		
10	256QAM	25	0	18.86	18.96	18.84	20	5
10	256QAM	25	12	18.75	18.81	18.81		
10	256QAM	25	25	18.78	18.84	18.77		
10	256QAM	50	0	18.84	18.80	18.85		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.71	23.74	23.72	25	0
5	QPSK	1	12	23.72	23.79	23.78		
5	QPSK	1	24	23.72	23.85	23.78		
5	QPSK	12	0	22.73	22.9	22.8	24	1
5	QPSK	12	7	22.78	23.02	22.83		
5	QPSK	12	13	22.77	22.92	22.86		
5	QPSK	25	0	22.77	22.83	22.77		
5	16QAM	1	0	23.36	23.27	23.24	24	1
5	16QAM	1	12	23.19	23.34	23.19		
5	16QAM	1	24	23.28	22.9	23.26		
5	16QAM	12	0	21.76	21.83	21.75	23	2
5	16QAM	12	7	21.98	21.88	21.92		
5	16QAM	12	13	21.86	21.98	21.88		
5	16QAM	25	0	21.87	21.88	21.89		
5	64QAM	1	0	21.83	21.96	22.17	23	2
5	64QAM	1	12	21.97	22.02	22.03		
5	64QAM	1	24	21.81	22.02	21.72		
5	64QAM	12	0	20.69	21.01	20.8	22	3
5	64QAM	12	7	20.89	21.1	20.81		
5	64QAM	12	13	20.73	21.02	20.85		
5	64QAM	25	0	20.75	20.82	20.71		
5	256QAM	1	0	19.04	19.00	18.97	20	5
5	256QAM	1	12	19.11	19.11	19.15		
5	256QAM	1	24	18.99	19.07	19.00		
5	256QAM	12	0	18.86	18.95	18.93	20	5
5	256QAM	12	7	18.79	18.88	18.75		
5	256QAM	12	13	18.75	18.83	18.82		
5	256QAM	25	0	18.81	18.76	18.85		
Channel				26703	26865	27027	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.55	23.82	23.75	25	0
3	QPSK	1	8	23.75	23.66	23.68		
3	QPSK	1	14	23.63	23.7	23.73		
3	QPSK	8	0	22.77	22.7	22.76	24	1
3	QPSK	8	4	22.78	22.9	22.86		
3	QPSK	8	7	22.77	22.81	22.79		
3	QPSK	15	0	22.7	22.69	22.8		
3	16QAM	1	0	23.04	22.92	22.71	24	1
3	16QAM	1	8	23.04	23.04	23.03		
3	16QAM	1	14	22.92	23.01	23.03		
3	16QAM	8	0	21.8	21.89	21.85	23	2
3	16QAM	8	4	21.83	22.03	21.97		
3	16QAM	8	7	21.88	21.86	21.92		
3	16QAM	15	0	21.87	21.8	21.75		
3	64QAM	1	0	22.13	22.12	22.29	23	2
3	64QAM	1	8	22.19	22.28	21.92		
3	64QAM	1	14	21.95	21.85	22.12		
3	64QAM	8	0	20.71	20.94	20.81	22	3
3	64QAM	8	4	20.81	20.88	20.91		
3	64QAM	8	7	20.89	20.95	20.81		
3	64QAM	15	0	20.79	20.72	20.78		
3	256QAM	1	0	19.05	19.04	19.01	20	5
3	256QAM	1	8	19.14	19.18	19.14		
3	256QAM	1	14	19.01	19.00	19.02		
3	256QAM	8	0	18.93	18.95	18.84	20	5
3	256QAM	8	4	18.80	18.86	18.74		
3	256QAM	8	7	18.77	18.77	18.77		
3	256QAM	15	0	18.86	18.82	18.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.7	23.72	23.67	25	0
1.4	QPSK	1	3	23.74	23.83	23.61		
1.4	QPSK	1	5	23.71	23.62	23.61		
1.4	QPSK	3	0	23.8	23.67	23.56		
1.4	QPSK	3	1	23.68	23.65	23.67		
1.4	QPSK	3	3	23.66	23.61	23.62		
1.4	QPSK	6	0	22.71	22.7	22.56	24	1
1.4	16QAM	1	0	22.87	23.12	22.78	24	1
1.4	16QAM	1	3	23.03	23	22.99		
1.4	16QAM	1	5	23.08	22.95	22.87		
1.4	16QAM	3	0	22.91	22.87	22.76		
1.4	16QAM	3	1	22.84	22.83	22.8		
1.4	16QAM	3	3	22.94	22.6	22.76		
1.4	16QAM	6	0	21.88	21.72	21.64	23	2
1.4	64QAM	1	0	21.68	22.05	21.64	23	2
1.4	64QAM	1	3	21.63	21.66	22.01		
1.4	64QAM	1	5	21.72	21.82	21.86		
1.4	64QAM	3	0	21.73	21.75	21.74		
1.4	64QAM	3	1	21.95	21.83	21.75		
1.4	64QAM	3	3	21.69	21.64	21.74		
1.4	64QAM	6	0	20.8	20.65	20.75	22	3
1.4	256QAM	1	0	19.11	19.10	19.02	20	5
1.4	256QAM	1	3	19.18	19.19	19.13		
1.4	256QAM	1	5	19.04	19.01	18.97		
1.4	256QAM	3	0	18.89	18.93	18.83		
1.4	256QAM	3	1	18.79	18.85	18.75		
1.4	256QAM	3	3	18.76	18.80	18.78		
1.4	256QAM	6	0	18.84	18.86	18.78	20	5

Band 30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.09			
10	QPSK	1	49		23.09			
10	QPSK	25	0		23.11		24	0
10	QPSK	25	12		23.02			
10	QPSK	25	25		23.09			
10	QPSK	50	0		23.03			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.09			
10	16QAM	25	0		22.06		23	1
10	16QAM	25	12		22.08			
10	16QAM	25	25		22.01			
10	16QAM	50	0		22.08			
10	64QAM	1	0		22.02		23	1
10	64QAM	1	25		22.05			
10	64QAM	1	49		22.01			
10	64QAM	25	0		21.07		22	2
10	64QAM	25	12		21.08			
10	64QAM	25	25		21.06			
10	64QAM	50	0		21.1			
10	256QAM	1	0		19.10		20	4
10	256QAM	1	25		19.09			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.02		20	4
10	256QAM	25	12		19.01			
10	256QAM	25	25		19.06			
10	256QAM	50	0		19.04			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.03	23.02	23.08	24	0
5	QPSK	1	12	22.98	23.02	23.08		
5	QPSK	1	24	23.07	22.99	22.97		
5	QPSK	12	0	23.01	23.07	23.06	24	0
5	QPSK	12	7	22.93	22.99	23		
5	QPSK	12	13	23.04	23.06	23.01		
5	QPSK	25	0	22.97	22.91	22.91		
5	16QAM	1	0	22.89	22.99	22.89	24	0
5	16QAM	1	12	22.98	22.95	22.97		
5	16QAM	1	24	23.03	22.96	23.02		
5	16QAM	12	0	21.99	21.98	22.03	23	1
5	16QAM	12	7	22.04	22.04	22.01		
5	16QAM	12	13	22	21.95	21.9		
5	16QAM	25	0	22.02	22.04	22.06		
5	64QAM	1	0	21.99	21.97	21.96	23	1
5	64QAM	1	12	22.04	21.95	22.03		
5	64QAM	1	24	21.88	21.96	21.91		
5	64QAM	12	0	20.97	21.03	21.02	22	2
5	64QAM	12	7	21.01	21.02	21.02		
5	64QAM	12	13	20.96	21.02	21.03		
5	64QAM	25	0	21.09	21.03	21.04		
5	256QAM	1	0	19.05	18.97	19.04	20	4
5	256QAM	1	12	18.95	18.91	18.97		
5	256QAM	1	24	18.96	18.97	18.86		
5	256QAM	12	0	18.88	18.85	18.96	20	4
5	256QAM	12	7	18.87	18.88	18.86		
5	256QAM	12	13	19.01	19.05	18.92		
5	256QAM	25	0	19.01	18.93	18.96		

Band 66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.84	19.88	19.86	21	0
20	QPSK	1	49	19.82	19.86	19.77		
20	QPSK	1	99	19.82	19.86	19.79		
20	QPSK	50	0	19.83	19.85	19.84	21	0
20	QPSK	50	24	19.82	19.79	19.75		
20	QPSK	50	50	19.74	19.73	19.75		
20	QPSK	100	0	19.75	19.82	19.78		
20	16QAM	1	0	19.71	19.72	19.71	21	0
20	16QAM	1	49	19.72	19.77	19.72		
20	16QAM	1	99	19.7	19.84	19.81		
20	16QAM	50	0	19.73	19.73	19.83	21	0
20	16QAM	50	24	19.8	19.73	19.76		
20	16QAM	50	50	19.75	19.72	19.76		
20	16QAM	100	0	19.77	19.76	19.81		
20	64QAM	1	0	19.78	19.83	19.8	21	0
20	64QAM	1	49	19.82	19.78	19.83		
20	64QAM	1	99	19.78	19.72	19.71		
20	64QAM	50	0	19.73	19.75	19.79	21	0
20	64QAM	50	24	19.77	19.76	19.74		
20	64QAM	50	50	19.8	19.82	19.76		
20	64QAM	100	0	19.82	19.78	19.78		
20	256QAM	1	0	19.72	19.73	19.72	20	1
20	256QAM	1	49	19.72	19.76	19.82		
20	256QAM	1	99	19.77	19.78	19.71		
20	256QAM	50	0	19.78	19.77	19.83	20	1
20	256QAM	50	24	19.82	19.82	19.83		
20	256QAM	50	50	19.76	19.84	19.76		
20	256QAM	100	0	19.77	19.83	19.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.82	19.77	19.86	21	0
15	QPSK	1	37	19.73	19.85	19.84		
15	QPSK	1	74	19.8	19.83	19.83		
15	QPSK	36	0	19.8	19.72	19.77	21	0
15	QPSK	36	20	19.74	19.76	19.75		
15	QPSK	36	39	19.63	19.63	19.68		
15	QPSK	75	0	19.77	19.81	19.77		
15	16QAM	1	0	19.7	19.62	19.69	21	0
15	16QAM	1	37	19.69	19.66	19.74		
15	16QAM	1	74	19.72	19.82	19.77		
15	16QAM	36	0	19.72	19.62	19.67	21	0
15	16QAM	36	20	19.61	19.65	19.69		
15	16QAM	36	39	19.67	19.68	19.69		
15	16QAM	75	0	19.74	19.74	19.73		
15	64QAM	1	0	19.78	19.77	19.78	21	0
15	64QAM	1	37	19.74	19.76	19.74		
15	64QAM	1	74	19.65	19.59	19.69		
15	64QAM	36	0	19.69	19.66	19.72	21	0
15	64QAM	36	20	19.73	19.66	19.68		
15	64QAM	36	39	19.77	19.79	19.79		
15	64QAM	75	0	19.68	19.71	19.75		
15	256QAM	1	0	19.65	19.68	19.65	20	1
15	256QAM	1	37	19.72	19.63	19.56		
15	256QAM	1	74	19.77	19.71	19.59		
15	256QAM	36	0	19.58	19.68	19.71	20	1
15	256QAM	36	20	19.74	19.65	19.73		
15	256QAM	36	39	19.78	19.67	19.68		
15	256QAM	75	0	19.65	19.70	19.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.78	19.8	19.82	21	0
10	QPSK	1	25	19.84	19.8	19.78		
10	QPSK	1	49	19.8	19.73	19.77		
10	QPSK	25	0	19.81	19.75	19.83	21	0
10	QPSK	25	12	19.66	19.68	19.77		
10	QPSK	25	25	19.66	19.7	19.68		
10	QPSK	50	0	19.78	19.76	19.72		
10	16QAM	1	0	19.61	19.62	19.64	21	0
10	16QAM	1	25	19.75	19.73	19.75		
10	16QAM	1	49	19.77	19.77	19.79		
10	16QAM	25	0	19.6	19.72	19.64	21	0
10	16QAM	25	12	19.69	19.69	19.64		
10	16QAM	25	25	19.61	19.66	19.7		
10	16QAM	50	0	19.66	19.75	19.68		
10	64QAM	1	0	19.68	19.69	19.78	21	0
10	64QAM	1	25	19.63	19.63	19.69		
10	64QAM	1	49	19.61	19.68	19.67		
10	64QAM	25	0	19.68	19.73	19.68	21	0
10	64QAM	25	12	19.74	19.67	19.71		
10	64QAM	25	25	19.81	19.73	19.78		
10	64QAM	50	0	19.68	19.68	19.74		
10	256QAM	1	0	19.70	19.55	19.65	20	1
10	256QAM	1	25	19.72	19.61	19.64		
10	256QAM	1	49	19.72	19.63	19.62		
10	256QAM	25	0	19.60	19.62	19.66	20	1
10	256QAM	25	12	19.80	19.67	19.81		
10	256QAM	25	25	19.75	19.75	19.81		
10	256QAM	50	0	19.79	19.64	19.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.78	19.79	19.82	21	0
5	QPSK	1	12	19.81	19.76	19.79		
5	QPSK	1	24	19.79	19.77	19.81		
5	QPSK	12	0	19.77	19.82	19.84	21	0
5	QPSK	12	7	19.76	19.73	19.76		
5	QPSK	12	13	19.67	19.61	19.6		
5	QPSK	25	0	19.77	19.71	19.76		
5	16QAM	1	0	19.61	19.7	19.62	21	0
5	16QAM	1	12	19.75	19.66	19.67		
5	16QAM	1	24	19.78	19.83	19.72		
5	16QAM	12	0	19.67	19.66	19.69	21	0
5	16QAM	12	7	19.61	19.69	19.64		
5	16QAM	12	13	19.65	19.69	19.6		
5	16QAM	25	0	19.67	19.72	19.7		
5	64QAM	1	0	19.79	19.81	19.7	21	0
5	64QAM	1	12	19.73	19.65	19.76		
5	64QAM	1	24	19.7	19.66	19.66		
5	64QAM	12	0	19.72	19.72	19.66	21	0
5	64QAM	12	7	19.7	19.67	19.66		
5	64QAM	12	13	19.75	19.76	19.76		
5	64QAM	25	0	19.75	19.74	19.75		
5	256QAM	1	0	19.55	19.69	19.71	20	1
5	256QAM	1	12	19.62	19.72	19.68		
5	256QAM	1	24	19.76	19.66	19.76		
5	256QAM	12	0	19.65	19.73	19.71	20	1
5	256QAM	12	7	19.69	19.69	19.79		
5	256QAM	12	13	19.80	19.77	19.65		
5	256QAM	25	0	19.74	19.64	19.80		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.78	19.85	19.79	21	0
3	QPSK	1	8	19.76	19.81	19.83		
3	QPSK	1	14	19.8	19.81	19.73		
3	QPSK	8	0	19.74	19.83	19.77	21	0
3	QPSK	8	4	19.76	19.7	19.76		
3	QPSK	8	7	19.63	19.6	19.65		
3	QPSK	15	0	19.73	19.69	19.69		
3	16QAM	1	0	19.6	19.7	19.71	21	0
3	16QAM	1	8	19.7	19.75	19.64		
3	16QAM	1	14	19.71	19.71	19.75		
3	16QAM	8	0	19.6	19.71	19.71	21	0
3	16QAM	8	4	19.6	19.69	19.6		
3	16QAM	8	7	19.59	19.65	19.66		
3	16QAM	15	0	19.68	19.63	19.74		
3	64QAM	1	0	19.72	19.69	19.76	21	0
3	64QAM	1	8	19.67	19.63	19.74		
3	64QAM	1	14	19.67	19.65	19.61		
3	64QAM	8	0	19.65	19.66	19.72	21	0
3	64QAM	8	4	19.7	19.75	19.67		
3	64QAM	8	7	19.78	19.76	19.81		
3	64QAM	15	0	19.72	19.73	19.76		
3	256QAM	1	0	19.71	19.59	19.59	20	1
3	256QAM	1	8	19.68	19.69	19.67		
3	256QAM	1	14	19.72	19.77	19.58		
3	256QAM	8	0	19.65	19.73	19.68	20	1
3	256QAM	8	4	19.63	19.63	19.72		
3	256QAM	8	7	19.76	19.77	19.78		
3	256QAM	15	0	19.73	19.64	19.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.86	19.75	19.85	21	0
1.4	QPSK	1	3	19.73	19.78	19.78		
1.4	QPSK	1	5	19.82	19.84	19.81		
1.4	QPSK	3	0	19.77	19.73	19.79		
1.4	QPSK	3	1	19.75	19.71	19.78		
1.4	QPSK	3	3	19.67	19.68	19.67		
1.4	QPSK	6	0	19.73	19.77	19.72	21	0
1.4	16QAM	1	0	19.62	19.62	19.59	21	0
1.4	16QAM	1	3	19.76	19.68	19.72		
1.4	16QAM	1	5	19.76	19.83	19.76		
1.4	16QAM	3	0	19.67	19.68	19.62		
1.4	16QAM	3	1	19.7	19.71	19.71		
1.4	16QAM	3	3	19.6	19.66	19.66		
1.4	16QAM	6	0	19.67	19.71	19.63	21	0
1.4	64QAM	1	0	19.68	19.8	19.82	21	0
1.4	64QAM	1	3	19.74	19.76	19.74		
1.4	64QAM	1	5	19.64	19.69	19.58		
1.4	64QAM	3	0	19.67	19.66	19.74		
1.4	64QAM	3	1	19.71	19.66	19.69		
1.4	64QAM	3	3	19.75	19.75	19.79		
1.4	64QAM	6	0	19.72	19.77	19.68	21	0
1.4	256QAM	1	0	19.71	19.61	19.58	20	1
1.4	256QAM	1	3	19.57	19.65	19.59		
1.4	256QAM	1	5	19.77	19.74	19.75		
1.4	256QAM	3	0	19.70	19.63	19.61		
1.4	256QAM	3	1	19.66	19.78	19.75		
1.4	256QAM	3	3	19.76	19.71	19.74		
1.4	256QAM	6	0	19.66	19.76	19.78	20	1

Band 71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.06	24.08	24.05	25	0
20	QPSK	1	49	23.96	23.98	23.87		
20	QPSK	1	99	23.73	23.78	23.75		
20	QPSK	50	0	22.97	23.04	22.96	24	1
20	QPSK	50	24	22.92	22.91	22.88		
20	QPSK	50	50	22.86	22.88	22.85		
20	QPSK	100	0	22.91	22.97	22.86		
20	16QAM	1	0	23.21	23.2	23.24	24	1
20	16QAM	1	49	23.25	23.16	23.22		
20	16QAM	1	99	23.07	23.04	23.02		
20	16QAM	50	0	21.93	22	22.01	23	2
20	16QAM	50	24	21.98	21.94	21.92		
20	16QAM	50	50	21.95	21.93	21.87		
20	16QAM	100	0	21.99	21.94	21.96		
20	64QAM	1	0	22.08	22.11	22.13	23	2
20	64QAM	1	49	22.14	22.16	22.182		
20	64QAM	1	99	22.02	22.07	22.09		
20	64QAM	50	0	20.98	20.94	20.97	22	3
20	64QAM	50	24	21.01	20.92	20.96		
20	64QAM	50	50	20.98	20.99	20.89		
20	64QAM	100	0	20.95	20.92	20.91		
20	256QAM	1	0	19.06	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.10		
20	256QAM	1	99	19.00	19.03	18.98		
20	256QAM	50	0	19.05	19.04	19.09	20	5
20	256QAM	50	24	18.87	18.87	18.82		
20	256QAM	50	50	18.95	18.95	18.98		
20	256QAM	100	0	18.79	18.92	18.89		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.01	24.05	23.95	25	0
15	QPSK	1	37	23.91	23.93	23.81		
15	QPSK	1	74	23.7	23.74	23.69		
15	QPSK	36	0	22.91	23.01	22.94	24	1
15	QPSK	36	20	22.83	22.88	22.86		
15	QPSK	36	39	22.83	22.81	22.78		
15	QPSK	75	0	22.84	22.86	22.78		
15	16QAM	1	0	23.2	23.1	23.16	24	1
15	16QAM	1	37	23.16	23.12	23.17		
15	16QAM	1	74	23.04	22.94	22.97		
15	16QAM	36	0	21.84	22.01	21.95	23	2
15	16QAM	36	20	21.9	21.91	21.89		
15	16QAM	36	39	21.88	21.92	21.83		
15	16QAM	75	0	21.96	21.88	21.95		
15	64QAM	1	0	22.03	22.02	22.11	23	2
15	64QAM	1	37	22.11	22.05	22.122		
15	64QAM	1	74	21.96	22.03	22.02		
15	64QAM	36	0	20.89	20.87	20.9	22	3
15	64QAM	36	20	20.94	20.89	20.96		
15	64QAM	36	39	20.91	20.99	20.85		
15	64QAM	75	0	20.88	20.86	20.89		
15	256QAM	1	0	19.06	19.08	19.01	20	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.03	19.06	18.99		
15	256QAM	36	0	19.04	19.05	19.06	20	5
15	256QAM	36	20	18.91	18.83	18.79		
15	256QAM	36	39	18.97	18.93	18.87		
15	256QAM	75	0	18.86	18.90	18.93		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.94	24.03	23.98	25	0
10	QPSK	1	25	23.89	23.92	23.87		
10	QPSK	1	49	23.74	23.73	23.69		
10	QPSK	25	0	22.93	22.94	22.93	24	1
10	QPSK	25	12	22.82	22.88	22.82		
10	QPSK	25	25	22.85	22.83	22.77		
10	QPSK	50	0	22.85	22.9	22.8		
10	16QAM	1	0	23.18	23.08	23.21	24	1
10	16QAM	1	25	23.22	23.13	23.17		
10	16QAM	1	49	23.02	22.99	22.97		
10	16QAM	25	0	21.89	22	21.93	23	2
10	16QAM	25	12	21.91	21.85	21.85		
10	16QAM	25	25	21.87	21.86	21.8		
10	16QAM	50	0	21.98	21.87	21.91		
10	64QAM	1	0	22.07	22.07	22.06	23	2
10	64QAM	1	25	22.13	22.07	22.072		
10	64QAM	1	49	21.93	22.01	22.04		
10	64QAM	25	0	20.96	20.91	20.92	22	3
10	64QAM	25	12	20.94	20.9	20.93		
10	64QAM	25	25	20.93	20.97	20.85		
10	64QAM	50	0	20.89	20.83	20.86		
10	256QAM	1	0	19.02	19.02	19.03	20	5
10	256QAM	1	25	19.04	19.11	19.09		
10	256QAM	1	49	18.97	19.01	18.96		
10	256QAM	25	0	19.04	19.02	19.01	20	5
10	256QAM	25	12	18.83	18.85	18.87		
10	256QAM	25	25	18.98	18.95	18.93		
10	256QAM	50	0	18.86	18.86	18.95		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.03	24.04	23.96	25	0
5	QPSK	1	12	23.93	23.92	23.83		
5	QPSK	1	24	23.69	23.73	23.7		
5	QPSK	12	0	22.92	22.96	22.91	24	1
5	QPSK	12	7	22.89	22.82	22.83		
5	QPSK	12	13	22.8	22.82	22.86		
5	QPSK	25	0	22.9	22.92	22.78		
5	16QAM	1	0	23.12	23.15	23.23	24	1
5	16QAM	1	12	23.14	23.1	23.19		
5	16QAM	1	24	23.06	22.97	22.91		
5	16QAM	12	0	21.82	21.98	21.94	23	2
5	16QAM	12	7	21.92	21.92	21.91		
5	16QAM	12	13	21.88	21.9	21.85		
5	16QAM	25	0	21.95	21.89	21.94		
5	64QAM	1	0	22.01	22.11	22.11	23	2
5	64QAM	1	12	22.1	22.12	22.112		
5	64QAM	1	24	22	22.01	22.03		
5	64QAM	12	0	20.94	20.91	20.95	22	3
5	64QAM	12	7	20.92	20.88	20.89		
5	64QAM	12	13	20.89	20.94	20.78		
5	64QAM	25	0	20.87	20.89	20.89		
5	256QAM	1	0	19.00	19.05	19.03	20	5
5	256QAM	1	12	19.13	19.15	19.12		
5	256QAM	1	24	19.00	18.96	18.97		
5	256QAM	12	0	19.04	19.00	19.00	20	5
5	256QAM	12	7	18.87	18.89	18.81		
5	256QAM	12	13	18.95	18.91	18.88		
5	256QAM	25	0	18.79	18.95	18.94		

Reduced Power for DSI1

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.65	33.46	33.26	**34.00**	24.65	24.46	24.26	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.62	33.43	33.24	**34.00**	24.62	24.43	24.24	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.49	30.68	30.70	**31.00**	24.49	24.68	24.70	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.28	28.31	28.02	**29.20**	24.02	24.05	23.76	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.03	27.08	27.01	**28.00**	24.03	24.08	24.01	25.00
EDGE 1 Tx slot		27.15	27.12	26.91	**28.00**	18.15	18.12	17.91	19.00
EDGE 2 Tx slots		25.05	25.01	24.81	**26.20**	19.05	19.01	18.81	19.20
EDGE 3 Tx slots		23.83	23.71	23.59	**24.00**	19.57	19.45	19.33	19.74
EDGE 4 Tx slots		23.07	23.14	23.03	**23.50**	20.07	20.14	20.03	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.32	30.66	30.56	**31.00**	24.35	24.63	24.54	24.98
	GPRS 1 Tx slot	30.43	30.65	30.56	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.36	30.61	30.64	**31.00**	24.37	24.55	24.62	24.98
	GPRS 1 Tx slot	30.43	30.53	30.65	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.28	28.29	28.07	**29.20**	23.99	24.02	23.80	24.94
	GPRS 2 Tx slots	28.23	28.27	28.06	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.54	30.67	30.64	**31.00**	22.51	22.61	22.54	22.98
	EDGE 1 Tx slot	24.68	24.67	24.44	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.48	30.64	30.76	**31.00**	22.47	22.58	22.66	22.98
	EDGE 1 Tx slot	24.73	24.64	24.56	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.24	28.30	28.02	**29.20**	21.48	21.47	21.24	22.22
	EDGE 2 Tx slots	23.61	23.48	23.34	**24.00**				

GSM1900_ANT 2		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		30.64	30.34	30.27	**31.00**	21.64	21.34	21.27	22.00
GPRS/EDGE(GMSK) 1 Tx slot		30.61	30.33	30.19	**31.00**	21.61	21.33	21.19	22.00
GPRS/EDGE(GMSK) 2 Tx slots		27.41	27.33	27.10	**28.00**	21.41	21.33	21.10	22.00
GPRS/EDGE(GMSK) 3 Tx slots		25.87	25.47	25.44	**26.20**	21.61	21.21	21.18	21.94
GPRS/EDGE(GMSK) 4 Tx slots		24.75	24.83	24.57	**25.00**	21.75	21.83	21.57	22.00
EDGE 1 Tx slot		26.24	26.03	26.05	**26.50**	17.24	17.03	17.05	17.50
EDGE 2 Tx slots		23.50	23.46	23.41	**25.20**	17.50	17.46	17.41	19.20
EDGE 3 Tx slots		21.47	21.38	21.26	**23.00**	17.21	17.12	17.00	18.74
EDGE 4 Tx slots		20.35	20.17	20.17	**22.00**	17.35	17.17	17.17	19.00
DTM Multi-slot class 5	GSM 1 Tx slot	27.27	27.27	27.08	**28.00**	21.29	21.28	21.06	21.98
	GPRS 1 Tx slot	27.35	27.34	27.08	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.34	27.16	27.07	**28.00**	21.36	21.19	21.00	21.98
	GPRS 1 Tx slot	27.42	27.26	26.97	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.90	25.43	25.56	**26.20**	21.61	21.23	21.21	21.94
	GPRS 2 Tx slots	25.85	25.52	25.43	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.50	27.27	27.07	**28.00**	19.84	19.68	19.53	20.80
	EDGE 1 Tx slot	23.21	23.22	23.20	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.42	27.33	27.20	**28.00**	19.80	19.73	19.62	20.80
	EDGE 1 Tx slot	23.26	23.25	23.20	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.84	25.44	25.46	**26.20**	19.02	18.78	18.80	20.09
	EDGE 2 Tx slots	21.04	21.03	21.05	**23.00**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.88	22.98	**23.50**	22.47	22.60	22.42	**23.00**	23.97	24.02	23.96	**25.00**
3GPP Rel 99	RMC 12.2Kbps	22.91	23.00	22.94	**23.50**	22.49	22.63	22.53	**23.00**	23.98	24.03	23.97	**25.00**
3GPP Rel 6	HSDPA Subtest-1	22.13	22.08	22.06	**22.50**	21.76	21.80	21.68	**22.00**	22.92	22.97	22.89	**24.00**
3GPP Rel 6	HSDPA Subtest-2	22.07	22.14	22.18	**22.50**	21.72	21.80	21.67	**22.00**	22.93	22.92	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-3	21.47	21.57	21.51	**22.00**	21.22	21.33	21.21	**21.50**	22.38	22.41	22.36	**23.50**
3GPP Rel 6	HSDPA Subtest-4	21.60	21.57	21.65	**22.00**	21.22	21.31	21.20	**21.50**	22.38	22.42	22.33	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.03	21.94	22.00	**22.50**	21.66	21.72	21.56	**22.00**	22.84	22.82	22.76	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.00	21.87	21.95	**22.50**	21.62	21.70	21.56	**22.00**	22.79	22.84	22.82	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.42	21.57	21.46	**22.00**	21.13	21.22	21.05	**21.50**	22.26	22.29	22.30	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.55	21.35	**22.00**	21.15	21.26	21.12	**21.50**	22.26	22.31	22.17	**23.50**
3GPP Rel 6	HSUPA Subtest-1	22.17	22.16	22.20	**22.50**	21.77	21.84	21.68	**22.00**	22.82	22.91	22.87	**24.00**
3GPP Rel 6	HSUPA Subtest-2	20.00	20.19	20.12	**20.50**	17.78	17.86	17.71	**18.00**	20.86	20.94	20.81	**22.00**
3GPP Rel 6	HSUPA Subtest-3	21.07	21.10	21.14	**21.50**	18.81	18.88	18.70	**19.00**	21.85	21.96	21.80	**23.00**
3GPP Rel 6	HSUPA Subtest-4	20.16	20.22	20.18	**20.50**	17.77	17.82	17.67	**18.00**	20.84	20.95	20.89	**22.00**
3GPP Rel 6	HSUPA Subtest-5	22.05	22.13	22.11	**22.50**	21.80	21.80	21.70	**22.00**	22.90	22.70	22.90	**24.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.63	18.73	18.63	**19.50**	18.40	18.40	18.20	**19.00**	20.10	20.30	20.20	**22.00**

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.42	21.46	21.45	22.5	0
20	QPSK	1	49	21.36	21.37	21.39		
20	QPSK	1	99	21.3	21.33	21.3		
20	QPSK	50	0	21.38	21.42	21.4	22.5	0
20	QPSK	50	24	21.14	21.16	21.18		
20	QPSK	50	50	21.08	21.15	21.14		
20	QPSK	100	0	21.21	21.24	21.23		
20	16QAM	1	0	21.32	21.4	21.34	22.5	0
20	16QAM	1	49	21.35	21.34	21.3		
20	16QAM	1	99	21.26	21.3	21.32		
20	16QAM	50	0	21.27	21.34	21.24	22.5	0
20	16QAM	50	24	21.23	21.26	21.32		
20	16QAM	50	50	21.27	21.26	21.22		
20	16QAM	100	0	21.3	21.34	21.21		
20	64QAM	1	0	21.32	21.36	21.34	22.5	0
20	64QAM	1	49	21.3	21.38	21.41		
20	64QAM	1	99	21.32	21.32	21.24		
20	64QAM	50	0	21.18	21.33	21.25	22.5	0
20	64QAM	50	24	21.32	21.3	21.28		
20	64QAM	50	50	21.21	21.3	21.31		
20	64QAM	100	0	21.25	21.28	21.3		
20	256QAM	1	0	19.64	19.71	19.60	21	1.5
20	256QAM	1	49	19.64	19.71	19.64		
20	256QAM	1	99	19.67	19.69	19.60		
20	256QAM	50	0	19.63	19.75	19.60	21	1.5
20	256QAM	50	24	19.70	19.74	19.57		
20	256QAM	50	50	19.68	19.72	19.62		
20	256QAM	100	0	19.70	19.67	19.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.38	21.39	21.33	22.5	0
15	QPSK	1	37	21.34	21.31	21.37		
15	QPSK	1	74	21.29	21.3	21.26		
15	QPSK	36	0	21.31	21.31	21.28	22.5	0
15	QPSK	36	20	21.02	21.1	21.07		
15	QPSK	36	39	21.05	21.09	21.07		
15	QPSK	75	0	21.12	21.22	21.18		
15	16QAM	1	0	21.26	21.37	21.33	22.5	0
15	16QAM	1	37	21.27	21.25	21.27		
15	16QAM	1	74	21.14	21.23	21.25		
15	16QAM	36	0	21.21	21.29	21.16	22.5	0
15	16QAM	36	20	21.11	21.19	21.22		
15	16QAM	36	39	21.15	21.16	21.13		
15	16QAM	75	0	21.2	21.32	21.15		
15	64QAM	1	0	21.31	21.25	21.32	22.5	0
15	64QAM	1	37	21.25	21.35	21.32		
15	64QAM	1	74	21.28	21.24	21.22		
15	64QAM	36	0	21.09	21.3	21.13	22.5	0
15	64QAM	36	20	21.23	21.28	21.22		
15	64QAM	36	39	21.16	21.24	21.22		
15	64QAM	75	0	21.24	21.24	21.28		
15	256QAM	1	0	19.57	19.63	19.59	21	1.5
15	256QAM	1	37	19.54	19.69	19.61		
15	256QAM	1	74	19.56	19.57	19.54		
15	256QAM	36	0	19.55	19.66	19.51	21	1.5
15	256QAM	36	20	19.68	19.63	19.48		
15	256QAM	36	39	19.61	19.60	19.53		
15	256QAM	75	0	19.69	19.59	19.62		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.38	21.4	21.34	22.5	0
10	QPSK	1	25	21.27	21.31	21.35		
10	QPSK	1	49	21.25	21.32	21.19		
10	QPSK	25	0	21.35	21.4	21.3	22.5	0
10	QPSK	25	12	21.1	21.1	21.09		
10	QPSK	25	25	20.96	21.09	21.04		
10	QPSK	50	0	21.13	21.12	21.13		
10	16QAM	1	0	21.2	21.36	21.26	22.5	0
10	16QAM	1	25	21.26	21.23	21.18		
10	16QAM	1	49	21.21	21.25	21.3		
10	16QAM	25	0	21.26	21.3	21.16	22.5	0
10	16QAM	25	12	21.22	21.16	21.27		
10	16QAM	25	25	21.15	21.21	21.15		
10	16QAM	50	0	21.25	21.32	21.15		
10	64QAM	1	0	21.25	21.33	21.27	22.5	0
10	64QAM	1	25	21.18	21.29	21.35		
10	64QAM	1	49	21.3	21.24	21.12		
10	64QAM	25	0	21.14	21.29	21.21	22.5	0
10	64QAM	25	12	21.21	21.18	21.26		
10	64QAM	25	25	21.09	21.21	21.25		
10	64QAM	50	0	21.21	21.26	21.28		
10	256QAM	1	0	19.52	19.63	19.50	21	1.5
10	256QAM	1	25	19.61	19.70	19.61		
10	256QAM	1	49	19.56	19.59	19.59		
10	256QAM	25	0	19.58	19.73	19.58	21	1.5
10	256QAM	25	12	19.60	19.66	19.45		
10	256QAM	25	25	19.60	19.68	19.52		
10	256QAM	50	0	19.67	19.66	19.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.33	22.5	0
5	QPSK	1	12	21.27	21.29	21.36		
5	QPSK	1	24	21.21	21.22	21.19		
5	QPSK	12	0	21.35	21.32	21.3	22.5	0
5	QPSK	12	7	21.11	21.08	21.16		
5	QPSK	12	13	21.01	21.03	21.06		
5	QPSK	25	0	21.16	21.13	21.19		
5	16QAM	1	0	21.22	21.36	21.26	22.5	0
5	16QAM	1	12	21.27	21.28	21.19		
5	16QAM	1	24	21.15	21.29	21.27		
5	16QAM	12	0	21.16	21.24	21.23	22.5	0
5	16QAM	12	7	21.17	21.2	21.26		
5	16QAM	12	13	21.24	21.19	21.17		
5	16QAM	25	0	21.18	21.26	21.18		
5	64QAM	1	0	21.22	21.34	21.28	22.5	0
5	64QAM	1	12	21.19	21.35	21.29		
5	64QAM	1	24	21.3	21.23	21.17		
5	64QAM	12	0	21.16	21.21	21.16	22.5	0
5	64QAM	12	7	21.22	21.29	21.25		
5	64QAM	12	13	21.16	21.27	21.23		
5	64QAM	25	0	21.14	21.23	21.23		
5	256QAM	1	0	19.63	19.61	19.57	21	1.5
5	256QAM	1	12	19.55	19.67	19.59		
5	256QAM	1	24	19.64	19.57	19.59		
5	256QAM	12	0	19.61	19.69	19.50	21	1.5
5	256QAM	12	7	19.58	19.67	19.51		
5	256QAM	12	13	19.67	19.68	19.53		
5	256QAM	25	0	19.58	19.55	19.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.35	21.39	21.39	22.5	0
3	QPSK	1	8	21.25	21.29	21.38		
3	QPSK	1	14	21.22	21.32	21.25		
3	QPSK	8	0	21.26	21.34	21.28	22.5	0
3	QPSK	8	4	21.02	21.13	21.1		
3	QPSK	8	7	21.06	21.14	21.12		
3	QPSK	15	0	21.13	21.19	21.18		
3	16QAM	1	0	21.21	21.29	21.23	22.5	0
3	16QAM	1	8	21.32	21.28	21.25		
3	16QAM	1	14	21.23	21.21	21.23		
3	16QAM	8	0	21.21	21.26	21.18	22.5	0
3	16QAM	8	4	21.12	21.15	21.31		
3	16QAM	8	7	21.19	21.18	21.21		
3	16QAM	15	0	21.26	21.3	21.12		
3	64QAM	1	0	21.24	21.31	21.32	22.5	0
3	64QAM	1	8	21.24	21.32	21.33		
3	64QAM	1	14	21.25	21.21	21.18		
3	64QAM	8	0	21.12	21.23	21.2	22.5	0
3	64QAM	8	4	21.23	21.22	21.27		
3	64QAM	8	7	21.15	21.21	21.22		
3	64QAM	15	0	21.22	21.26	21.21		
3	256QAM	1	0	19.63	19.59	19.53	21	1.5
3	256QAM	1	8	19.57	19.59	19.58		
3	256QAM	1	14	19.60	19.57	19.49		
3	256QAM	8	0	19.51	19.73	19.59	21	1.5
3	256QAM	8	4	19.65	19.69	19.45		
3	256QAM	8	7	19.58	19.70	19.51		
3	256QAM	15	0	19.67	19.62	19.63		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.33	21.37	21.43	22.5	0
1.4	QPSK	1	3	21.35	21.26	21.33		
1.4	QPSK	1	5	21.25	21.3	21.21		
1.4	QPSK	3	0	21.29	21.4	21.39		
1.4	QPSK	3	1	21.09	21.04	21.06		
1.4	QPSK	3	3	20.96	21.07	21.13		
1.4	QPSK	6	0	21.13	21.22	21.2	22.5	0
1.4	16QAM	1	0	21.24	21.36	21.23	22.5	0
1.4	16QAM	1	3	21.28	21.23	21.24		
1.4	16QAM	1	5	21.15	21.19	21.28		
1.4	16QAM	3	0	21.19	21.26	21.21		
1.4	16QAM	3	1	21.15	21.17	21.28		
1.4	16QAM	3	3	21.24	21.18	21.19		
1.4	16QAM	6	0	21.26	21.32	21.14	22.5	0
1.4	64QAM	1	0	21.23	21.26	21.28	22.5	0
1.4	64QAM	1	3	21.2	21.35	21.39		
1.4	64QAM	1	5	21.23	21.23	21.2		
1.4	64QAM	3	0	21.06	21.27	21.21		
1.4	64QAM	3	1	21.2	21.21	21.17		
1.4	64QAM	3	3	21.17	21.28	21.23		
1.4	64QAM	6	0	21.16	21.21	21.25	22.5	0
1.4	256QAM	1	0	19.55	19.61	19.55	21	1.5
1.4	256QAM	1	3	19.62	19.64	19.62		
1.4	256QAM	1	5	19.59	19.60	19.51		
1.4	256QAM	3	0	19.56	19.65	19.59		
1.4	256QAM	3	1	19.58	19.69	19.49		
1.4	256QAM	3	3	19.63	19.61	19.57		
1.4	256QAM	6	0	19.64	19.63	19.64	21	1.5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.94	22.99	22.89	24	0
20	QPSK	1	49	22.87	22.96	22.91		
20	QPSK	1	99	22.68	22.72	22.86		
20	QPSK	50	0	22.77	22.95	22.89	24	0
20	QPSK	50	24	22.84	22.93	22.87		
20	QPSK	50	50	22.83	22.89	22.81		
20	QPSK	100	0	22.9	22.93	22.89		
20	16QAM	1	0	22.86	22.88	22.81	24	0
20	16QAM	1	49	22.85	22.9	22.9		
20	16QAM	1	99	22.59	22.68	22.76		
20	16QAM	50	0	21.65	21.87	21.87	23	1
20	16QAM	50	24	21.82	21.87	21.8		
20	16QAM	50	50	21.76	21.88	21.81		
20	16QAM	100	0	21.57	21.71	21.85		
20	64QAM	1	0	21.65	21.9	21.84	23	1
20	64QAM	1	49	21.8	21.88	21.85		
20	64QAM	1	99	21.8	21.83	21.74		
20	64QAM	50	0	20.61	20.69	20.75	22	2
20	64QAM	50	24	20.67	20.83	20.82		
20	64QAM	50	50	20.59	20.88	20.74		
20	64QAM	100	0	20.78	20.78	20.79		
20	256QAM	1	0	18.85	18.90	18.77	20	4
20	256QAM	1	49	18.80	18.87	18.80		
20	256QAM	1	99	18.85	18.93	18.86		
20	256QAM	50	0	18.95	18.97	18.95	20	4
20	256QAM	50	24	18.92	18.95	18.84		
20	256QAM	50	50	18.82	18.94	18.86		
20	256QAM	100	0	18.84	18.92	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.9	22.98	24	0
15	QPSK	1	37	22.9	22.9	22.9		
15	QPSK	1	74	22.63	22.71	22.68		
15	QPSK	36	0	22.82	22.92	22.87	24	0
15	QPSK	36	20	22.81	22.9	22.82		
15	QPSK	36	39	22.81	22.86	22.77		
15	QPSK	75	0	22.85	22.87	22.8		
15	16QAM	1	0	22.79	22.77	22.86	24	0
15	16QAM	1	37	22.85	22.88	22.89		
15	16QAM	1	74	22.65	22.58	22.65		
15	16QAM	36	0	21.81	21.83	21.79	23	1
15	16QAM	36	20	21.78	21.83	21.82		
15	16QAM	36	39	21.77	21.76	21.84		
15	16QAM	75	0	21.67	21.62	21.67		
15	64QAM	1	0	21.75	21.78	21.75	23	1
15	64QAM	1	37	21.86	21.79	21.78		
15	64QAM	1	74	21.78	21.71	21.68		
15	64QAM	36	0	20.66	20.6	20.64	22	2
15	64QAM	36	20	20.82	20.81	20.81		
15	64QAM	36	39	20.84	20.81	20.87		
15	64QAM	75	0	20.71	20.71	20.75		
15	256QAM	1	0	18.86	18.76	18.74	20	4
15	256QAM	1	37	18.77	18.72	18.67		
15	256QAM	1	74	18.73	18.73	18.89		
15	256QAM	36	0	18.91	18.91	18.91	20	4
15	256QAM	36	20	18.88	18.93	18.90		
15	256QAM	36	39	18.78	18.81	18.85		
15	256QAM	75	0	18.79	18.82	18.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	22.86	22.96	24	0
10	QPSK	1	25	22.83	22.95	22.93		
10	QPSK	1	49	22.7	22.7	22.68		
10	QPSK	25	0	22.89	22.82	22.94	24	0
10	QPSK	25	12	22.87	22.91	22.86		
10	QPSK	25	25	22.82	22.8	22.84		
10	QPSK	50	0	22.87	22.81	22.82		
10	16QAM	1	0	22.79	22.77	22.81	24	0
10	16QAM	1	25	22.8	22.89	22.83		
10	16QAM	1	49	22.59	22.58	22.56		
10	16QAM	25	0	21.81	21.75	21.86	23	1
10	16QAM	25	12	21.8	21.77	21.82		
10	16QAM	25	25	21.78	21.84	21.83		
10	16QAM	50	0	21.66	21.65	21.69		
10	64QAM	1	0	21.76	21.85	21.78	23	1
10	64QAM	1	25	21.81	21.73	21.87		
10	64QAM	1	49	21.75	21.71	21.79		
10	64QAM	25	0	20.62	20.64	20.63	22	2
10	64QAM	25	12	20.76	20.75	20.8		
10	64QAM	25	25	20.87	20.78	20.83		
10	64QAM	50	0	20.69	20.77	20.74		
10	256QAM	1	0	18.88	18.77	18.72	20	4
10	256QAM	1	25	18.71	18.71	18.69		
10	256QAM	1	49	18.82	18.91	18.74		
10	256QAM	25	0	18.82	18.78	18.93	20	4
10	256QAM	25	12	18.86	18.82	18.83		
10	256QAM	25	25	18.91	18.75	18.74		
10	256QAM	50	0	18.89	18.72	18.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.94	22.96	22.9	24	0
5	QPSK	1	12	22.89	22.94	22.93		
5	QPSK	1	24	22.68	22.66	22.69		
5	QPSK	12	0	22.88	22.86	22.82	24	0
5	QPSK	12	7	22.92	22.88	22.83		
5	QPSK	12	13	22.79	22.87	22.86		
5	QPSK	25	0	22.88	22.81	22.83		
5	16QAM	1	0	22.82	22.82	22.83	24	0
5	16QAM	1	12	22.89	22.84	22.77		
5	16QAM	1	24	22.67	22.58	22.61		
5	16QAM	12	0	21.86	21.82	21.74	23	1
5	16QAM	12	7	21.8	21.83	21.78		
5	16QAM	12	13	21.8	21.75	21.78		
5	16QAM	25	0	21.69	21.6	21.61		
5	64QAM	1	0	21.86	21.77	21.75	23	1
5	64QAM	1	12	21.83	21.73	21.86		
5	64QAM	1	24	21.82	21.78	21.77		
5	64QAM	12	0	20.68	20.66	20.65	22	2
5	64QAM	12	7	20.8	20.73	20.76		
5	64QAM	12	13	20.83	20.84	20.78		
5	64QAM	25	0	20.72	20.72	20.71		
5	256QAM	1	0	18.80	18.74	18.71	20	4
5	256QAM	1	12	18.74	18.85	18.80		
5	256QAM	1	24	18.74	18.87	18.74		
5	256QAM	12	0	18.87	18.90	18.89	20	4
5	256QAM	12	7	18.82	18.85	18.77		
5	256QAM	12	13	18.93	18.77	18.87		
5	256QAM	25	0	18.86	18.78	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.94	22.96	22.88	24	0
3	QPSK	1	8	22.87	22.88	22.88		
3	QPSK	1	14	22.71	22.62	22.66		
3	QPSK	8	0	22.84	22.83	22.89	24	0
3	QPSK	8	4	22.87	22.83	22.92		
3	QPSK	8	7	22.8	22.86	22.85		
3	QPSK	15	0	22.81	22.92	22.81		
3	16QAM	1	0	22.83	22.86	22.78	24	0
3	16QAM	1	8	22.8	22.77	22.89		
3	16QAM	1	14	22.56	22.66	22.55		
3	16QAM	8	0	21.76	21.76	21.79	23	1
3	16QAM	8	4	21.86	21.77	21.84		
3	16QAM	8	7	21.85	21.76	21.77		
3	16QAM	15	0	21.59	21.66	21.66		
3	64QAM	1	0	21.8	21.83	21.85	23	1
3	64QAM	1	8	21.77	21.85	21.83		
3	64QAM	1	14	21.82	21.69	21.77		
3	64QAM	8	0	20.63	20.64	20.61	22	2
3	64QAM	8	4	20.82	20.78	20.76		
3	64QAM	8	7	20.87	20.82	20.8		
3	64QAM	15	0	20.68	20.69	20.77		
3	256QAM	1	0	18.76	18.78	18.70	20	4
3	256QAM	1	8	18.69	18.85	18.81		
3	256QAM	1	14	18.85	18.73	18.82		
3	256QAM	8	0	18.89	18.87	18.91	20	4
3	256QAM	8	4	18.83	18.82	18.93		
3	256QAM	8	7	18.91	18.92	18.86		
3	256QAM	15	0	18.73	18.81	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	22.86	22.96	22.92	24	0
1.4	QPSK	1	3	22.95	22.86	22.92		
1.4	QPSK	1	5	22.65	22.59	22.61		
1.4	QPSK	3	0	22.92	22.86	22.92		
1.4	QPSK	3	1	22.9	22.89	22.8		
1.4	QPSK	3	3	22.78	22.88	22.86		
1.4	QPSK	6	0	22.83	22.92	22.9	24	0
1.4	16QAM	1	0	22.84	22.76	22.76	24	0
1.4	16QAM	1	3	22.79	22.8	22.85		
1.4	16QAM	1	5	22.65	22.66	22.61		
1.4	16QAM	3	0	22.55	22.63	22.59		
1.4	16QAM	3	1	22.62	22.58	22.63		
1.4	16QAM	3	3	22.62	22.58	22.67		
1.4	16QAM	6	0	21.6	21.69	21.69	23	1
1.4	64QAM	1	0	21.83	21.82	21.89	23	1
1.4	64QAM	1	3	21.73	21.77	21.76		
1.4	64QAM	1	5	21.75	21.76	21.68		
1.4	64QAM	3	0	21.41	21.47	21.48		
1.4	64QAM	3	1	21.61	21.55	21.61		
1.4	64QAM	3	3	21.6	21.58	21.67		
1.4	64QAM	6	0	20.7	20.69	20.76	22	2
1.4	256QAM	1	0	18.85	18.77	18.72	20	4
1.4	256QAM	1	3	18.69	18.72	18.84		
1.4	256QAM	1	5	18.80	18.74	18.90		
1.4	256QAM	3	0	18.84	18.85	18.86		
1.4	256QAM	3	1	18.85	18.89	18.77		
1.4	256QAM	3	3	18.77	18.79	18.91		
1.4	256QAM	6	0	18.89	18.86	18.73	20	4

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	0
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	21.95	22.06	21.95		
1.4	64QAM	3	3	21.84	21.94	21.9		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.27	23.32	23.3	25	0
10	QPSK	1	25	23.25	23.3	23.29		
10	QPSK	1	49	23.23	23.2	23.22		
10	QPSK	25	0	22.38	22.43	22.37	24	1
10	QPSK	25	12	22.36	22.35	22.32		
10	QPSK	25	25	22.34	22.34	22.31		
10	QPSK	50	0	22.35	22.38	22.32		
10	16QAM	1	0	22.68	22.67	22.71	24	1
10	16QAM	1	25	22.63	22.68	22.66		
10	16QAM	1	49	22.68	22.69	22.64		
10	16QAM	25	0	21.35	21.37	21.34	23	2
10	16QAM	25	12	21.42	21.32	21.37		
10	16QAM	25	25	21.38	21.38	21.41		
10	16QAM	50	0	21.42	21.32	21.32		
10	64QAM	1	0	21.55	21.56	21.58	23	2
10	64QAM	1	25	21.47	21.49	21.49		
10	64QAM	1	49	21.43	21.45	21.53		
10	64QAM	25	0	20.33	20.33	20.35	22	3
10	64QAM	25	12	20.42	20.33	20.34		
10	64QAM	25	25	20.37	20.36	20.37		
10	64QAM	50	0	20.43	20.32	20.34		
10	256QAM	1	0	18.77	18.82	18.80	20	5
10	256QAM	1	25	18.83	18.90	18.81		
10	256QAM	1	49	18.73	18.76	18.72		
10	256QAM	25	0	18.63	18.69	18.64	20	5
10	256QAM	25	12	18.83	18.81	18.79		
10	256QAM	25	25	18.61	18.68	18.63		
10	256QAM	50	0	18.62	18.69	18.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.31	23.3	23.25	25	0
5	QPSK	1	12	23.26	23.28	23.3		
5	QPSK	1	24	23.31	23.3	23.22		
5	QPSK	12	0	22.31	22.3	22.29	24	1
5	QPSK	12	7	22.4	22.38	22.27		
5	QPSK	12	13	22.37	22.34	22.35		
5	QPSK	25	0	22.37	22.29	22.28		
5	16QAM	1	0	22.66	22.71	22.59	24	1
5	16QAM	1	12	22.65	22.73	22.76		
5	16QAM	1	24	22.6	22.63	22.55		
5	16QAM	12	0	21.39	21.39	21.36	23	2
5	16QAM	12	7	21.45	21.42	21.31		
5	16QAM	12	13	21.43	21.41	21.4		
5	16QAM	25	0	21.42	21.3	21.32		
5	64QAM	1	0	21.67	21.62	21.5	23	2
5	64QAM	1	12	21.62	21.62	21.58		
5	64QAM	1	24	21.6	21.66	21.42		
5	64QAM	12	0	20.38	20.35	20.35	22	3
5	64QAM	12	7	20.43	20.45	20.31		
5	64QAM	12	13	20.4	20.39	20.38		
5	64QAM	25	0	20.41	20.33	20.34		
5	256QAM	1	0	18.80	18.85	18.75	20	5
5	256QAM	1	12	18.86	18.88	18.86		
5	256QAM	1	24	18.71	18.78	18.72		
5	256QAM	12	0	18.60	18.63	18.65	20	5
5	256QAM	12	7	18.77	18.78	18.76		
5	256QAM	12	13	18.63	18.63	18.67		
5	256QAM	25	0	18.64	18.72	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.22	23.27	23.25	25	0
3	QPSK	1	8	23.28	23.29	23.28		
3	QPSK	1	14	23.24	23.24	23.22		
3	QPSK	8	0	22.36	22.28	22.25	24	1
3	QPSK	8	4	22.36	22.38	22.34		
3	QPSK	8	7	22.34	22.34	22.32		
3	QPSK	15	0	22.33	22.22	22.31		
3	16QAM	1	0	22.56	22.62	22.58	24	1
3	16QAM	1	8	22.69	22.79	22.72		
3	16QAM	1	14	22.67	22.65	22.68		
3	16QAM	8	0	21.44	21.37	21.36	23	2
3	16QAM	8	4	21.47	21.44	21.46		
3	16QAM	8	7	21.4	21.42	21.42		
3	16QAM	15	0	21.38	21.28	21.36		
3	64QAM	1	0	21.57	21.56	21.52	23	2
3	64QAM	1	8	21.62	21.58	21.61		
3	64QAM	1	14	21.55	21.41	21.49		
3	64QAM	8	0	20.4	20.37	20.31	22	3
3	64QAM	8	4	20.39	20.4	20.4		
3	64QAM	8	7	20.4	20.43	20.36		
3	64QAM	15	0	20.37	20.31	20.36		
3	256QAM	1	0	18.77	18.76	18.77	20	5
3	256QAM	1	8	18.89	18.90	18.90		
3	256QAM	1	14	18.76	18.74	18.71		
3	256QAM	8	0	18.63	18.67	18.68	20	5
3	256QAM	8	4	18.82	18.74	18.76		
3	256QAM	8	7	18.58	18.61	18.66		
3	256QAM	15	0	18.61	18.69	18.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.26	23.23	23.26	25	0
1.4	QPSK	1	3	23.27	23.31	23.26		
1.4	QPSK	1	5	23.25	23.21	23.23		
1.4	QPSK	3	0	23.3	23.29	23.31		
1.4	QPSK	3	1	23.29	23.28	23.3		
1.4	QPSK	3	3	23.31	23.31	23.28		
1.4	QPSK	6	0	22.32	22.25	22.28	24	1
1.4	16QAM	1	0	22.71	22.6	22.73	24	1
1.4	16QAM	1	3	22.86	22.71	22.75		
1.4	16QAM	1	5	22.73	22.66	22.65		
1.4	16QAM	3	0	22.46	22.45	22.44		
1.4	16QAM	3	1	22.45	22.42	22.46		
1.4	16QAM	3	3	22.46	22.48	22.44		
1.4	16QAM	6	0	21.41	21.31	21.34	23	2
1.4	64QAM	1	0	21.5	21.53	21.41	23	2
1.4	64QAM	1	3	21.57	21.48	21.51		
1.4	64QAM	1	5	21.42	21.57	21.53		
1.4	64QAM	3	0	21.47	21.44	21.42		
1.4	64QAM	3	1	21.41	21.43	21.41		
1.4	64QAM	3	3	21.47	21.49	21.44		
1.4	64QAM	6	0	20.4	20.28	20.35	22	3
1.4	256QAM	1	0	18.78	18.75	18.81	20	5
1.4	256QAM	1	3	18.83	18.84	18.87		
1.4	256QAM	1	5	18.74	18.71	18.71		
1.4	256QAM	3	0	18.57	18.71	18.63		
1.4	256QAM	3	1	18.86	18.75	18.78		
1.4	256QAM	3	3	18.60	18.61	18.70		
1.4	256QAM	6	0	18.64	18.62	18.62	20	5

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.47	20.53	20.34	21.2	0
20	QPSK	1	49	20.45	20.51	20.37		
20	QPSK	1	99	20.27	20.45	20.31		
20	QPSK	50	0	20.34	20.46	20.27	21.2	0
20	QPSK	50	24	20.29	20.34	20.31		
20	QPSK	50	50	20.27	20.33	20.31		
20	QPSK	100	0	20.31	20.41	20.19		
20	16QAM	1	0	20.46	20.47	20.28	21.2	0
20	16QAM	1	49	20.41	20.47	20.26		
20	16QAM	1	99	20.24	20.38	20.26		
20	16QAM	50	0	20.32	20.34	20.19	21.2	0
20	16QAM	50	24	20.26	20.31	20.2		
20	16QAM	50	50	20.19	20.32	20.22		
20	16QAM	100	0	20.28	20.34	20.11		
20	64QAM	1	0	20.35	20.44	20.25	21.2	0
20	64QAM	1	49	20.38	20.41	20.33		
20	64QAM	1	99	20.22	20.33	20.21		
20	64QAM	50	0	20.23	20.41	20.22	21.2	0
20	64QAM	50	24	20.25	20.27	20.19		
20	64QAM	50	50	20.22	20.26	20.22		
20	64QAM	100	0	20.19	20.4	20.14		
20	256QAM	1	0	18.39	18.45	18.39	19.2	2
20	256QAM	1	49	18.48	18.52	18.42		
20	256QAM	1	99	18.41	18.51	18.47		
20	256QAM	50	0	18.33	18.46	18.41	19.2	2
20	256QAM	50	24	18.37	18.49	18.42		
20	256QAM	50	50	18.34	18.44	18.39		
20	256QAM	100	0	18.33	18.42	18.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.5	20.47	20.45	21.2	0
15	QPSK	1	37	20.45	20.5	20.4		
15	QPSK	1	74	20.35	20.42	20.34		
15	QPSK	36	0	20.34	20.35	20.4	21.2	0
15	QPSK	36	20	20.26	20.29	20.23		
15	QPSK	36	39	20.31	20.23	20.31		
15	QPSK	75	0	20.37	20.34	20.37		
15	16QAM	1	0	20.46	20.39	20.45	21.2	0
15	16QAM	1	37	20.35	20.34	20.39		
15	16QAM	1	74	20.3	20.33	20.31		
15	16QAM	36	0	20.27	20.23	20.25	21.2	0
15	16QAM	36	20	20.24	20.28	20.25		
15	16QAM	36	39	20.27	20.22	20.25		
15	16QAM	75	0	20.24	20.21	20.32		
15	64QAM	1	0	20.4	20.41	20.37	21.2	0
15	64QAM	1	37	20.27	20.3	20.33		
15	64QAM	1	74	20.28	20.22	20.32		
15	64QAM	36	0	20.32	20.34	20.39	21.2	0
15	64QAM	36	20	20.26	20.23	20.19		
15	64QAM	36	39	20.18	20.18	20.23		
15	64QAM	75	0	20.36	20.31	20.31		
15	256QAM	1	0	18.31	18.28	18.35	19.2	2
15	256QAM	1	37	18.34	18.45	18.38		
15	256QAM	1	74	18.39	18.45	18.49		
15	256QAM	36	0	18.30	18.33	18.29	19.2	2
15	256QAM	36	20	18.41	18.39	18.41		
15	256QAM	36	39	18.25	18.38	18.29		
15	256QAM	75	0	18.40	18.34	18.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.47	20.48	20.52	21.2	0
10	QPSK	1	25	20.4	20.44	20.46		
10	QPSK	1	49	20.35	20.44	20.39		
10	QPSK	25	0	20.37	20.4	20.43	21.2	0
10	QPSK	25	12	20.23	20.29	20.27		
10	QPSK	25	25	20.24	20.28	20.21		
10	QPSK	50	0	20.31	20.37	20.4		
10	16QAM	1	0	20.43	20.36	20.37	21.2	0
10	16QAM	1	25	20.45	20.4	20.42		
10	16QAM	1	49	20.33	20.31	20.26		
10	16QAM	25	0	20.32	20.26	20.31	21.2	0
10	16QAM	25	12	20.27	20.18	20.26		
10	16QAM	25	25	20.26	20.27	20.19		
10	16QAM	50	0	20.22	20.26	20.26		
10	64QAM	1	0	20.29	20.41	20.42	21.2	0
10	64QAM	1	25	20.29	20.28	20.35		
10	64QAM	1	49	20.29	20.21	20.27		
10	64QAM	25	0	20.39	20.36	20.31	21.2	0
10	64QAM	25	12	20.18	20.25	20.21		
10	64QAM	25	25	20.23	20.16	20.21		
10	64QAM	50	0	20.31	20.32	20.32		
10	256QAM	1	0	18.38	18.35	18.37	19.2	2
10	256QAM	1	25	18.45	18.36	18.47		
10	256QAM	1	49	18.46	18.49	18.32		
10	256QAM	25	0	18.32	18.45	18.40	19.2	2
10	256QAM	25	12	18.46	18.48	18.35		
10	256QAM	25	25	18.32	18.43	18.39		
10	256QAM	50	0	18.28	18.30	18.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.5	20.5	20.41	21.2	0
5	QPSK	1	12	20.42	20.46	20.49		
5	QPSK	1	24	20.35	20.39	20.44		
5	QPSK	12	0	20.38	20.39	20.35	21.2	0
5	QPSK	12	7	20.26	20.32	20.31		
5	QPSK	12	13	20.26	20.29	20.22		
5	QPSK	25	0	20.35	20.37	20.28		
5	16QAM	1	0	20.34	20.36	20.35	21.2	0
5	16QAM	1	12	20.39	20.43	20.44		
5	16QAM	1	24	20.28	20.31	20.3		
5	16QAM	12	0	20.29	20.23	20.28	21.2	0
5	16QAM	12	7	20.25	20.25	20.27		
5	16QAM	12	13	20.21	20.25	20.29		
5	16QAM	25	0	20.24	20.27	20.24		
5	64QAM	1	0	20.3	20.39	20.4	21.2	0
5	64QAM	1	12	20.26	20.3	20.34		
5	64QAM	1	24	20.32	20.18	20.24		
5	64QAM	12	0	20.32	20.32	20.35	21.2	0
5	64QAM	12	7	20.18	20.18	20.19		
5	64QAM	12	13	20.24	20.23	20.25		
5	64QAM	25	0	20.3	20.35	20.33		
5	256QAM	1	0	18.28	18.37	18.26	19.2	2
5	256QAM	1	12	18.33	18.39	18.41		
5	256QAM	1	24	18.47	18.44	18.47		
5	256QAM	12	0	18.42	18.37	18.26	19.2	2
5	256QAM	12	7	18.46	18.41	18.42		
5	256QAM	12	13	18.36	18.31	18.35		
5	256QAM	25	0	18.30	18.31	18.39		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.1	23.17	23.08	24.2	0
20	QPSK	1	49	22.9	22.93	22.94		
20	QPSK	1	99	22.99	22.98	22.95		
20	QPSK	50	0	22.16	22.33	22.19	23.2	1
20	QPSK	50	24	22.28	22.17	22.32		
20	QPSK	50	50	22.21	22.3	22.31		
20	QPSK	100	0	22.25	22.26	22.15		
20	16QAM	1	0	22.32	22.45	22.32	23.2	1
20	16QAM	1	49	22.18	22.24	22.14		
20	16QAM	1	99	22.2	22.22	22.34		
20	16QAM	50	0	21.12	21.18	21.19	22.2	2
20	16QAM	50	24	21.27	21.23	21.35		
20	16QAM	50	50	21.27	21.3	21.33		
20	16QAM	100	0	21.28	21.21	21.29		
20	64QAM	1	0	21.37	21.28	21.33	22.2	2
20	64QAM	1	49	21.25	21.26	21.35		
20	64QAM	1	99	21.24	21.28	21.41		
20	64QAM	50	0	20.23	20.17	20.16	21.2	3
20	64QAM	50	24	20.24	20.13	20.35		
20	64QAM	50	50	20.18	20.23	20.29		
20	64QAM	100	0	20.25	20.15	20.32		
20	256QAM	1	0	17.90	17.88	17.81	19.2	5
20	256QAM	1	49	17.90	17.90	17.99		
20	256QAM	1	99	17.97	17.93	17.95		
20	256QAM	50	0	18.14	18.20	18.24	19.2	5
20	256QAM	50	24	18.30	18.20	18.31		
20	256QAM	50	50	18.29	18.37	18.34		
20	256QAM	100	0	18.24	18.17	18.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.04	22.97	23.06	24.2	0
15	QPSK	1	37	22.74	22.77	22.83		
15	QPSK	1	74	22.84	22.87	22.82		
15	QPSK	36	0	22.03	22.06	22.05	23.2	1
15	QPSK	36	20	22.13	22.14	22.21		
15	QPSK	36	39	22.05	22.19	22.27		
15	QPSK	75	0	22.1	21.99	22.17		
15	16QAM	1	0	22.19	22.36	22.18	23.2	1
15	16QAM	1	37	22.04	22.12	22.02		
15	16QAM	1	74	22.1	22.09	22.29		
15	16QAM	36	0	21.07	21.09	21.1	22.2	2
15	16QAM	36	20	21.15	21.07	21.19		
15	16QAM	36	39	21.18	21.18	21.21		
15	16QAM	75	0	21.15	21.15	21.18		
15	64QAM	1	0	21.26	21.23	21.17	22.2	2
15	64QAM	1	37	21.13	21.21	21.27		
15	64QAM	1	74	21.12	21.23	21.26		
15	64QAM	36	0	20.16	20.03	20.01	21.2	3
15	64QAM	36	20	20.1	20	20.26		
15	64QAM	36	39	20.08	20.13	20.2		
15	64QAM	75	0	20.17	20.02	20.22		
15	256QAM	1	0	17.83	17.76	17.74	19.2	5
15	256QAM	1	37	17.77	17.80	17.91		
15	256QAM	1	74	17.91	17.88	17.88		
15	256QAM	36	0	18.03	18.09	18.12	19.2	5
15	256QAM	36	20	18.23	18.12	18.16		
15	256QAM	36	39	18.23	18.32	18.22		
15	256QAM	75	0	18.14	18.02	18.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.96	23.03	23.11	24.2	0
10	QPSK	1	25	22.74	22.79	22.85		
10	QPSK	1	49	22.92	22.88	22.84		
10	QPSK	25	0	22.1	22.02	22.04	23.2	1
10	QPSK	25	12	22.12	22.03	22.25		
10	QPSK	25	25	22.12	22.23	22.22		
10	QPSK	50	0	22.09	22.07	22.19		
10	16QAM	1	0	22.24	22.32	22.17	23.2	1
10	16QAM	1	25	22.02	22.15	22.06		
10	16QAM	1	49	22.14	22.07	22.29		
10	16QAM	25	0	20.98	21.03	21.05	22.2	2
10	16QAM	25	12	21.19	21.13	21.23		
10	16QAM	25	25	21.22	21.24	21.19		
10	16QAM	50	0	21.22	21.08	21.19		
10	64QAM	1	0	21.32	21.12	21.2	22.2	2
10	64QAM	1	25	21.13	21.19	21.2		
10	64QAM	1	49	21.08	21.23	21.32		
10	64QAM	25	0	20.18	20.07	20.11	21.2	3
10	64QAM	25	12	20.11	20.03	20.29		
10	64QAM	25	25	20.02	20.11	20.2		
10	64QAM	50	0	20.1	20.08	20.16		
10	256QAM	1	0	17.79	17.80	17.66	19.2	5
10	256QAM	1	25	17.82	17.78	17.90		
10	256QAM	1	49	17.86	17.88	17.88		
10	256QAM	25	0	18.00	18.15	18.10	19.2	5
10	256QAM	25	12	18.25	18.11	18.16		
10	256QAM	25	25	18.15	18.26	18.20		
10	256QAM	50	0	18.17	18.12	18.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.01	23.01	23.11	24.2	0
5	QPSK	1	12	22.84	22.77	22.85		
5	QPSK	1	24	22.91	22.86	22.82		
5	QPSK	12	0	22.01	22.08	22.06	23.2	1
5	QPSK	12	7	22.18	22.14	22.22		
5	QPSK	12	13	22.11	22.21	22.22		
5	QPSK	25	0	22.19	21.99	22.15		
5	16QAM	1	0	22.2	22.39	22.23	23.2	1
5	16QAM	1	12	22.03	22.17	22.08		
5	16QAM	1	24	22.12	22.15	22.19		
5	16QAM	12	0	20.96	21.05	21.11	22.2	2
5	16QAM	12	7	21.22	21.09	21.28		
5	16QAM	12	13	21.14	21.14	21.17		
5	16QAM	25	0	21.21	21.05	21.13		
5	64QAM	1	0	21.27	21.2	21.19	22.2	2
5	64QAM	1	12	21.14	21.15	21.3		
5	64QAM	1	24	21.12	21.15	21.3		
5	64QAM	12	0	20.08	20.07	20.08	21.2	3
5	64QAM	12	7	20.16	20.06	20.21		
5	64QAM	12	13	20.08	20.18	20.17		
5	64QAM	25	0	20.15	20.07	20.24		
5	256QAM	1	0	17.76	17.81	17.68	19.2	5
5	256QAM	1	12	17.80	17.83	17.89		
5	256QAM	1	24	17.86	17.83	17.86		
5	256QAM	12	0	17.99	18.13	18.16	19.2	5
5	256QAM	12	7	18.21	18.08	18.22		
5	256QAM	12	13	18.13	18.28	18.23		
5	256QAM	25	0	18.19	18.10	18.16		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.58	23.65	23.59	25	0
10	QPSK	1	25	23.55	23.6	23.54		
10	QPSK	1	49	23.52	23.53	23.5		
10	QPSK	25	0	22.54	22.63	22.54	24	1
10	QPSK	25	12	22.53	22.55	22.47		
10	QPSK	25	25	22.5	22.51	22.44		
10	QPSK	50	0	22.48	22.53	22.46		
10	16QAM	1	0	22.93	22.96	22.88	24	1
10	16QAM	1	25	22.88	22.94	23.01		
10	16QAM	1	49	22.95	23.03	22.87		
10	16QAM	25	0	21.54	21.55	21.57	23	2
10	16QAM	25	12	21.64	21.57	21.58		
10	16QAM	25	25	21.62	21.64	21.66		
10	16QAM	50	0	21.6	21.56	21.54		
10	64QAM	1	0	21.66	21.72	21.78	23	2
10	64QAM	1	25	21.72	21.79	21.88		
10	64QAM	1	49	21.79	21.79	21.73		
10	64QAM	25	0	20.53	20.54	20.55	22	3
10	64QAM	25	12	20.61	20.57	20.57		
10	64QAM	25	25	20.58	20.61	20.6		
10	64QAM	50	0	20.61	20.52	20.54		
10	256QAM	1	0	18.91	18.97	18.99	20	5
10	256QAM	1	25	18.94	19.08	18.99		
10	256QAM	1	49	19.07	19.13	19.02		
10	256QAM	25	0	18.90	18.92	18.89	20	5
10	256QAM	25	12	18.88	18.94	18.84		
10	256QAM	25	25	18.92	18.96	18.91		
10	256QAM	50	0	18.89	18.93	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.43	23.49	23.54	25	0
5	QPSK	1	12	23.53	23.6	23.6		
5	QPSK	1	24	23.5	23.53	23.58		
5	QPSK	12	0	22.49	22.52	22.55	24	1
5	QPSK	12	7	22.58	22.54	22.57		
5	QPSK	12	13	22.55	22.58	22.6		
5	QPSK	25	0	22.56	22.49	22.54		
5	16QAM	1	0	22.81	22.91	22.88	24	1
5	16QAM	1	12	22.96	22.96	23.1		
5	16QAM	1	24	22.9	22.93	22.92		
5	16QAM	12	0	21.51	21.59	21.6	23	2
5	16QAM	12	7	21.67	21.58	21.59		
5	16QAM	12	13	21.55	21.65	21.63		
5	16QAM	25	0	21.57	21.53	21.53		
5	64QAM	1	0	21.67	21.75	21.82	23	2
5	64QAM	1	12	21.83	21.79	21.84		
5	64QAM	1	24	21.72	21.72	21.77		
5	64QAM	12	0	20.54	20.54	20.55	22	3
5	64QAM	12	7	20.59	20.58	20.58		
5	64QAM	12	13	20.6	20.59	20.63		
5	64QAM	25	0	20.57	20.52	20.57		
5	256QAM	1	0	18.99	18.96	18.98	20	5
5	256QAM	1	12	18.98	19.06	19.10		
5	256QAM	1	24	19.04	19.13	19.14		
5	256QAM	12	0	18.82	18.89	18.80	20	5
5	256QAM	12	7	18.81	18.88	18.85		
5	256QAM	12	13	18.93	18.93	18.99		
5	256QAM	25	0	18.83	18.89	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.48	23.46	23.49	25	0
3	QPSK	1	8	23.49	23.54	23.55		
3	QPSK	1	14	23.4	23.46	23.45		
3	QPSK	8	0	22.58	22.53	22.55	24	1
3	QPSK	8	4	22.56	22.6	22.61		
3	QPSK	8	7	22.54	22.55	22.6		
3	QPSK	15	0	22.53	22.47	22.51		
3	16QAM	1	0	22.84	22.95	22.95	24	1
3	16QAM	1	8	23	22.93	22.94		
3	16QAM	1	14	22.78	22.88	22.8		
3	16QAM	8	0	21.65	21.64	21.62	23	2
3	16QAM	8	4	21.65	21.71	21.71		
3	16QAM	8	7	21.61	21.67	21.68		
3	16QAM	15	0	21.58	21.54	21.57		
3	64QAM	1	0	21.75	21.82	21.79	23	2
3	64QAM	1	8	21.75	21.76	21.85		
3	64QAM	1	14	21.75	21.74	21.73		
3	64QAM	8	0	20.64	20.58	20.62	22	3
3	64QAM	8	4	20.63	20.67	20.64		
3	64QAM	8	7	20.55	20.58	20.63		
3	64QAM	15	0	20.57	20.49	20.58		
3	256QAM	1	0	19.06	18.96	18.94	20	5
3	256QAM	1	8	18.89	19.02	19.09		
3	256QAM	1	14	18.95	19.12	19.22		
3	256QAM	8	0	18.92	18.95	18.71	20	5
3	256QAM	8	4	18.81	18.86	18.76		
3	256QAM	8	7	18.86	18.93	18.99		
3	256QAM	15	0	18.88	18.90	18.95		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.52	23.51	23.56	25	0
1.4	QPSK	1	3	23.5	23.56	23.56		
1.4	QPSK	1	5	23.46	23.49	23.49		
1.4	QPSK	3	0	23.53	23.52	23.58		
1.4	QPSK	3	1	23.52	23.54	23.59		
1.4	QPSK	3	3	23.56	23.53	23.57		
1.4	QPSK	6	0	22.52	22.56	22.56	24	1
1.4	16QAM	1	0	22.87	22.97	22.93	24	1
1.4	16QAM	1	3	22.94	22.96	22.97		
1.4	16QAM	1	5	22.87	22.94	22.87		
1.4	16QAM	3	0	22.71	22.74	22.76		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.67	22.73	22.75		
1.4	16QAM	6	0	21.62	21.61	21.64	23	2
1.4	64QAM	1	0	21.77	21.78	21.91	23	2
1.4	64QAM	1	3	21.78	21.81	21.73		
1.4	64QAM	1	5	21.66	21.69	21.77		
1.4	64QAM	3	0	21.72	21.67	21.75		
1.4	64QAM	3	1	21.63	21.72	21.68		
1.4	64QAM	3	3	21.6	21.67	21.67		
1.4	64QAM	6	0	20.58	20.58	20.62	22	3
1.4	256QAM	1	0	19.08	18.89	18.96	20	5
1.4	256QAM	1	3	19.07	18.99	19.12		
1.4	256QAM	1	5	19.01	19.12	19.24		
1.4	256QAM	3	0	18.73	18.98	18.74		
1.4	256QAM	3	1	18.72	18.97	18.90		
1.4	256QAM	3	3	19.02	18.84	19.03		
1.4	256QAM	6	0	18.81	18.99	18.81	20	5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.55		25	0
10	QPSK	1	25		23.41			
10	QPSK	1	49		23.38			
10	QPSK	25	0		22.49		24	1
10	QPSK	25	12		22.47			
10	QPSK	25	25		22.45			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.83			
10	16QAM	1	49		22.88			
10	16QAM	25	0		21.46		23	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.51			
10	16QAM	50	0		21.44			
10	64QAM	1	0		21.67		23	2
10	64QAM	1	25		21.77			
10	64QAM	1	49		21.62			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.47			
10	64QAM	25	25		20.48			
10	64QAM	50	0		20.46			
10	256QAM	1	0		18.88		20	5
10	256QAM	1	25		19.03			
10	256QAM	1	49		19.02			
10	256QAM	25	0		18.84		20	5
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.86			
10	256QAM	50	0		18.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.41	23.4	23.42	25	0
5	QPSK	1	12	23.49	23.5	23.5		
5	QPSK	1	24	23.41	23.43	23.42		
5	QPSK	12	0	22.41	22.38	22.38	24	1
5	QPSK	12	7	22.51	22.51	22.52		
5	QPSK	12	13	22.46	22.46	22.46		
5	QPSK	25	0	22.5	22.39	22.39		
5	16QAM	1	0	22.81	22.75	22.78	24	1
5	16QAM	1	12	22.98	22.9	22.99		
5	16QAM	1	24	22.78	22.72	22.74		
5	16QAM	12	0	21.43	21.44	21.43	23	2
5	16QAM	12	7	21.59	21.56	21.58		
5	16QAM	12	13	21.53	21.54	21.57		
5	16QAM	25	0	21.52	21.42	21.43		
5	64QAM	1	0	21.63	21.65	21.75	23	2
5	64QAM	1	12	21.82	21.7	21.74		
5	64QAM	1	24	21.66	21.72	21.68		
5	64QAM	12	0	20.43	20.43	20.42	22	3
5	64QAM	12	7	20.54	20.54	20.56		
5	64QAM	12	13	20.54	20.51	20.53		
5	64QAM	25	0	20.49	20.4	20.42		
5	256QAM	1	0	18.76	18.86	18.86	20	5
5	256QAM	1	12	19.05	19.04	19.03		
5	256QAM	1	24	18.97	19.01	18.97		
5	256QAM	12	0	18.80	18.82	18.76	20	5
5	256QAM	12	7	18.75	18.79	18.86		
5	256QAM	12	13	18.74	18.85	18.79		
5	256QAM	25	0	18.80	18.78	18.82		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.39	23.43	23.37	25	0
10	QPSK	1	25	23.36	23.39	23.33		
10	QPSK	1	49	23.29	23.3	23.3		
10	QPSK	25	0	22.43	22.53	22.4	24	1
10	QPSK	25	12	22.4	22.47	22.38		
10	QPSK	25	25	22.36	22.42	22.35		
10	QPSK	50	0	22.37	22.38	22.37		
10	16QAM	1	0	22.73	22.74	22.77	24	1
10	16QAM	1	25	22.76	22.73	22.7		
10	16QAM	1	49	22.71	22.77	22.8		
10	16QAM	25	0	21.4	21.42	21.42	23	2
10	16QAM	25	12	21.51	21.45	21.45		
10	16QAM	25	25	21.46	21.45	21.42		
10	16QAM	50	0	21.39	21.39	21.38		
10	64QAM	1	0	21.48	21.48	21.42	23	2
10	64QAM	1	25	21.6	21.56	21.67		
10	64QAM	1	49	21.61	21.61	21.45		
10	64QAM	25	0	20.43	20.39	20.41	22	3
10	64QAM	25	12	20.52	20.44	20.43		
10	64QAM	25	25	20.45	20.43	20.42		
10	64QAM	50	0	20.37	20.4	20.38		
10	256QAM	1	0	18.67	18.76	18.68	20	5
10	256QAM	1	25	18.82	18.86	18.78		
10	256QAM	1	49	18.69	18.82	18.72		
10	256QAM	25	0	18.70	18.76	18.75	20	5
10	256QAM	25	12	18.82	18.83	18.76		
10	256QAM	25	25	18.82	18.81	18.81		
10	256QAM	50	0	18.71	18.75	18.73		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.37	23.41	23.33	25	0
5	QPSK	1	12	23.34	23.4	23.31		
5	QPSK	1	24	23.28	23.32	23.28		
5	QPSK	12	0	22.42	22.44	22.43	24	1
5	QPSK	12	7	22.42	22.38	22.44		
5	QPSK	12	13	22.38	22.41	22.37		
5	QPSK	25	0	22.41	22.39	22.36		
5	16QAM	1	0	22.75	22.78	22.76	24	1
5	16QAM	1	12	22.82	22.84	22.84		
5	16QAM	1	24	22.64	22.73	22.63		
5	16QAM	12	0	21.46	21.49	21.52	23	2
5	16QAM	12	7	21.51	21.45	21.51		
5	16QAM	12	13	21.41	21.46	21.43		
5	16QAM	25	0	21.44	21.41	21.38		
5	64QAM	1	0	21.58	21.76	21.73	23	2
5	64QAM	1	12	21.63	21.59	21.52		
5	64QAM	1	24	21.56	21.52	21.45		
5	64QAM	12	0	20.45	20.48	20.48	22	3
5	64QAM	12	7	20.49	20.43	20.49		
5	64QAM	12	13	20.39	20.4	20.4		
5	64QAM	25	0	20.46	20.38	20.38		
5	256QAM	1	0	18.64	18.72	18.76	20	5
5	256QAM	1	12	18.85	18.85	18.88		
5	256QAM	1	24	18.72	18.78	18.74		
5	256QAM	12	0	18.68	18.78	18.71	20	5
5	256QAM	12	7	18.78	18.79	18.74		
5	256QAM	12	13	18.75	18.74	18.70		
5	256QAM	25	0	18.70	18.72	18.73		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.51	21.55	21.47	22.5	0
20	QPSK	1	49	21.44	21.53	21.41		
20	QPSK	1	99	21.37	21.47	21.34		
20	QPSK	50	0	21.31	21.44	21.34	22.5	0
20	QPSK	50	24	21.29	21.34	21.21		
20	QPSK	50	50	21.31	21.35	21.24		
20	QPSK	100	0	21.21	21.34	21.26		
20	16QAM	1	0	21.18	21.28	21.1	22.5	0
20	16QAM	1	49	21.21	21.25	21.14		
20	16QAM	1	99	21.18	21.25	21.19		
20	16QAM	50	0	21.28	21.33	21.2	22.5	0
20	16QAM	50	24	21.14	21.3	21.13		
20	16QAM	50	50	21.16	21.26	21.03		
20	16QAM	100	0	21.02	21.17	21.05		
20	64QAM	1	0	21.28	21.35	21.25	22.5	0
20	64QAM	1	49	21.35	21.34	21.22		
20	64QAM	1	99	21.26	21.42	21.32		
20	64QAM	50	0	21.46	21.52	21.39	22.5	0
20	64QAM	50	24	21.38	21.45	21.39		
20	64QAM	50	50	21.38	21.49	21.43		
20	64QAM	100	0	21.29	21.48	21.33		
20	256QAM	1	0	19.86	19.92	19.84	21	1.5
20	256QAM	1	49	19.95	20.03	19.93		
20	256QAM	1	99	19.96	20.02	20.00		
20	256QAM	50	0	19.85	19.93	19.92	21	1.5
20	256QAM	50	24	20.03	20.04	19.98		
20	256QAM	50	50	19.94	20.04	20.03		
20	256QAM	100	0	19.98	20.01	19.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.43	21.51	21.42	22.5	0
15	QPSK	1	37	21.43	21.52	21.39		
15	QPSK	1	74	21.32	21.36	21.27		
15	QPSK	36	0	21.23	21.4	21.25	22.5	0
15	QPSK	36	20	21.27	21.26	21.14		
15	QPSK	36	39	21.26	21.31	21.19		
15	QPSK	75	0	21.17	21.33	21.15		
15	16QAM	1	0	21.14	21.19	21	22.5	0
15	16QAM	1	37	21.14	21.23	21.08		
15	16QAM	1	74	21.07	21.19	21.16		
15	16QAM	36	0	21.16	21.3	21.19	22.5	0
15	16QAM	36	20	21.07	21.19	21.11		
15	16QAM	36	39	21.11	21.14	20.97		
15	16QAM	75	0	21	21.07	20.99		
15	64QAM	1	0	21.26	21.23	21.15	22.5	0
15	64QAM	1	37	21.28	21.25	21.1		
15	64QAM	1	74	21.16	21.37	21.27		
15	64QAM	36	0	21.44	21.47	21.34	22.5	0
15	64QAM	36	20	21.26	21.37	21.32		
15	64QAM	36	39	21.34	21.44	21.31		
15	64QAM	75	0	21.26	21.44	21.21		
15	256QAM	1	0	19.84	19.90	19.72	21	1.5
15	256QAM	1	37	19.93	19.95	19.85		
15	256QAM	1	74	19.92	19.98	19.92		
15	256QAM	36	0	19.77	19.82	19.82	21	1.5
15	256QAM	36	20	19.97	19.94	19.93		
15	256QAM	36	39	19.83	19.98	19.92		
15	256QAM	75	0	19.91	19.93	19.93		
Channel				26290	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.44	21.53	21.44	22.5	0
10	QPSK	1	25	21.42	21.47	21.32		
10	QPSK	1	49	21.31	21.35	21.33		
10	QPSK	25	0	21.28	21.41	21.25	22.5	0
10	QPSK	25	12	21.28	21.24	21.15		
10	QPSK	25	25	21.25	21.31	21.13		
10	QPSK	50	0	21.13	21.31	21.21		
10	16QAM	1	0	21.16	21.19	21.08	22.5	0
10	16QAM	1	25	21.12	21.24	21.03		
10	16QAM	1	49	21.1	21.23	21.11		
10	16QAM	25	0	21.22	21.26	21.14	22.5	0
10	16QAM	25	12	21.07	21.24	21.08		
10	16QAM	25	25	21.1	21.15	20.94		
10	16QAM	50	0	20.96	21.06	21.04		
10	64QAM	1	0	21.18	21.28	21.14	22.5	0
10	64QAM	1	25	21.31	21.26	21.18		
10	64QAM	1	49	21.21	21.41	21.29		
10	64QAM	25	0	21.42	21.4	21.35	22.5	0
10	64QAM	25	12	21.27	21.38	21.28		
10	64QAM	25	25	21.31	21.37	21.38		
10	64QAM	50	0	21.22	21.38	21.28		
10	256QAM	1	0	19.82	19.80	19.83	21	1.5
10	256QAM	1	25	19.94	19.92	19.86		
10	256QAM	1	49	19.87	20.00	19.91		
10	256QAM	25	0	19.79	19.85	19.89	21	1.5
10	256QAM	25	12	19.93	19.97	19.95		
10	256QAM	25	25	19.86	20.01	19.98		
10	256QAM	50	0	19.89	20.00	19.90		
Channel				26465	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.46	21.47	21.4	22.5	0
5	QPSK	1	12	21.38	21.52	21.35		
5	QPSK	1	24	21.3	21.36	21.31		
5	QPSK	12	0	21.23	21.35	21.25	22.5	0
5	QPSK	12	7	21.26	21.26	21.14		
5	QPSK	12	13	21.3	21.32	21.2		
5	QPSK	25	0	21.12	21.32	21.18		
5	16QAM	1	0	21.17	21.26	20.99	22.5	0
5	16QAM	1	12	21.1	21.16	21.07		
5	16QAM	1	24	21.14	21.15	21.09		
5	16QAM	12	0	21.23	21.27	21.08	22.5	0
5	16QAM	12	7	21.04	21.28	21.04		
5	16QAM	12	13	21.09	21.24	20.93		
5	16QAM	25	0	20.93	21.08	21		
5	64QAM	1	0	21.19	21.28	21.23	22.5	0
5	64QAM	1	12	21.27	21.25	21.1		
5	64QAM	1	24	21.2	21.39	21.3		
5	64QAM	12	0	21.43	21.46	21.3	22.5	0
5	64QAM	12	7	21.37	21.33	21.31		
5	64QAM	12	13	21.34	21.39	21.31		
5	64QAM	25	0	21.2	21.46	21.24		
5	256QAM	1	0	19.82	19.82	19.74	21	1.5
5	256QAM	1	12	19.86	19.92	19.82		
5	256QAM	1	24	19.92	19.97	19.88		
5	256QAM	12	0	19.78	19.86	19.82	21	1.5
5	256QAM	12	7	20.01	19.93	19.90		
5	256QAM	12	13	19.85	19.96	19.92		
5	256QAM	25	0	19.90	19.91	19.91		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.48	21.52	21.42	22.5	0
3	QPSK	1	8	21.41	21.41	21.37		
3	QPSK	1	14	21.31	21.44	21.26		
3	QPSK	8	0	21.27	21.39	21.33	22.5	0
3	QPSK	8	4	21.28	21.3	21.13		
3	QPSK	8	7	21.2	21.31	21.17		
3	QPSK	15	0	21.2	21.28	21.17		
3	16QAM	1	0	21.09	21.23	21.04	22.5	0
3	16QAM	1	8	21.15	21.19	21.05		
3	16QAM	1	14	21.1	21.24	21.14		
3	16QAM	8	0	21.22	21.26	21.12	22.5	0
3	16QAM	8	4	21.11	21.23	21.08		
3	16QAM	8	7	21.1	21.25	21.02		
3	16QAM	15	0	20.98	21.06	21.01		
3	64QAM	1	0	21.16	21.23	21.24	22.5	0
3	64QAM	1	8	21.28	21.26	21.14		
3	64QAM	1	14	21.25	21.35	21.28		
3	64QAM	8	0	21.41	21.4	21.32	22.5	0
3	64QAM	8	4	21.31	21.36	21.35		
3	64QAM	8	7	21.37	21.38	21.32		
3	64QAM	15	0	21.17	21.47	21.29		
3	256QAM	1	0	19.84	19.83	19.73	21	1.5
3	256QAM	1	8	19.88	20.00	19.92		
3	256QAM	1	14	19.87	19.96	19.88		
3	256QAM	8	0	19.81	19.91	19.81	21	1.5
3	256QAM	8	4	19.93	20.03	19.93		
3	256QAM	8	7	19.88	19.96	19.94		
3	256QAM	15	0	19.88	19.94	19.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.48	21.51	21.46	22.5	0
1.4	QPSK	1	3	21.37	21.43	21.35		
1.4	QPSK	1	5	21.36	21.4	21.33		
1.4	QPSK	3	0	21.27	21.34	21.33		
1.4	QPSK	3	1	21.18	21.32	21.14		
1.4	QPSK	3	3	21.21	21.32	21.16		
1.4	QPSK	6	0	21.1	21.3	21.16	22.5	0
1.4	16QAM	1	0	21.16	21.18	21	22.5	0
1.4	16QAM	1	3	21.19	21.13	21.11		
1.4	16QAM	1	5	21.09	21.13	21.11		
1.4	16QAM	3	0	21.19	21.3	21.12		
1.4	16QAM	3	1	21.12	21.18	21.08		
1.4	16QAM	3	3	21.1	21.23	20.92		
1.4	16QAM	6	0	21	21.11	21.01	22.5	0
1.4	64QAM	1	0	21.19	21.27	21.23	22.5	0
1.4	64QAM	1	3	21.31	21.31	21.18		
1.4	64QAM	1	5	21.2	21.32	21.29		
1.4	64QAM	3	0	21.34	21.47	21.35		
1.4	64QAM	3	1	21.36	21.38	21.3		
1.4	64QAM	3	3	21.3	21.41	21.33		
1.4	64QAM	6	0	21.17	21.42	21.32	22.5	0
1.4	256QAM	1	0	19.83	19.82	19.78	21	1.5
1.4	256QAM	1	3	19.92	19.97	19.87		
1.4	256QAM	1	5	19.93	19.95	19.96		
1.4	256QAM	3	0	19.81	19.85	19.83		
1.4	256QAM	3	1	19.96	20.03	19.86		
1.4	256QAM	3	3	19.87	20.00	19.97		
1.4	256QAM	6	0	19.92	19.93	19.91	21	1.5

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.47	23.54	23.48	25	0
15	QPSK	1	37	23.37	23.49	23.35		
15	QPSK	1	74	23.38	23.29	23.25		
15	QPSK	36	0	22.45	22.48	22.39	24	1
15	QPSK	36	20	22.43	22.44	22.42		
15	QPSK	36	39	22.41	22.37	22.38		
15	QPSK	75	0	22.43	22.49	22.45		
15	16QAM	1	0	22.56	22.52	22.61	24	1
15	16QAM	1	37	22.66	22.64	22.75		
15	16QAM	1	74	22.61	22.66	22.6		
15	16QAM	36	0	21.39	21.43	21.42	23	2
15	16QAM	36	20	21.44	21.41	21.47		
15	16QAM	36	39	21.43	21.48	21.46		
15	16QAM	75	0	21.47	21.43	21.52		
15	64QAM	1	0	21.43	21.52	21.52	23	2
15	64QAM	1	37	21.63	21.71	21.56		
15	64QAM	1	74	21.48	21.57	21.49		
15	64QAM	36	0	20.41	20.42	20.42	22	3
15	64QAM	36	20	20.43	20.4	20.47		
15	64QAM	36	39	20.45	20.47	20.47		
15	64QAM	75	0	20.46	20.42	20.49		
15	256QAM	1	0	18.81	18.82	18.78	20	5
15	256QAM	1	37	18.92	18.96	18.90		
15	256QAM	1	74	19.02	19.01	19.01		
15	256QAM	36	0	18.68	18.78	18.68	20	5
15	256QAM	36	20	18.73	18.77	18.77		
15	256QAM	36	39	18.83	18.82	18.83		
15	256QAM	75	0	18.67	18.75	18.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.41	23.43	23.53	25	0
10	QPSK	1	25	23.37	23.46	23.42		
10	QPSK	1	49	23.42	23.44	23.43		
10	QPSK	25	0	22.49	22.53	22.54	24	1
10	QPSK	25	12	22.54	22.53	22.59		
10	QPSK	25	25	22.53	22.58	22.57		
10	QPSK	50	0	22.55	22.51	22.57		
10	16QAM	1	0	22.83	22.91	23.01	24	1
10	16QAM	1	25	22.81	22.89	22.89		
10	16QAM	1	49	22.92	22.83	22.74		
10	16QAM	25	0	21.53	21.56	21.53	23	2
10	16QAM	25	12	21.6	21.56	21.56		
10	16QAM	25	25	21.55	21.59	21.56		
10	16QAM	50	0	21.55	21.55	21.57		
10	64QAM	1	0	21.6	21.66	21.8	23	2
10	64QAM	1	25	21.71	21.77	21.73		
10	64QAM	1	49	21.8	21.64	21.69		
10	64QAM	25	0	20.5	20.54	20.52	22	3
10	64QAM	25	12	20.59	20.52	20.6		
10	64QAM	25	25	20.54	20.57	20.55		
10	64QAM	50	0	20.58	20.52	20.58		
10	256QAM	1	0	18.81	18.85	18.81	20	5
10	256QAM	1	25	18.88	18.94	18.90		
10	256QAM	1	49	19.00	19.02	18.99		
10	256QAM	25	0	18.67	18.74	18.74	20	5
10	256QAM	25	12	18.68	18.74	18.71		
10	256QAM	25	25	18.85	18.76	18.75		
10	256QAM	50	0	18.66	18.78	18.66		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.43	23.51	23.47	25	0
5	QPSK	1	12	23.51	23.42	23.45		
5	QPSK	1	24	23.39	23.48	23.44		
5	QPSK	12	0	22.45	22.48	22.48	24	1
5	QPSK	12	7	22.52	22.57	22.49		
5	QPSK	12	13	22.5	22.53	22.54		
5	QPSK	25	0	22.5	22.48	22.46		
5	16QAM	1	0	22.8	22.85	22.83	24	1
5	16QAM	1	12	23.02	22.98	23.01		
5	16QAM	1	24	22.8	22.83	22.93		
5	16QAM	12	0	21.53	21.56	21.56	23	2
5	16QAM	12	7	21.61	21.64	21.5		
5	16QAM	12	13	21.58	21.59	21.59		
5	16QAM	25	0	21.54	21.5	21.5		
5	64QAM	1	0	21.72	21.7	21.7	23	2
5	64QAM	1	12	21.82	21.87	21.75		
5	64QAM	1	24	21.76	21.74	21.78		
5	64QAM	12	0	20.5	20.53	20.5	22	3
5	64QAM	12	7	20.54	20.64	20.51		
5	64QAM	12	13	20.52	20.6	20.58		
5	64QAM	25	0	20.52	20.5	20.5		
5	256QAM	1	0	18.82	18.75	18.87	20	5
5	256QAM	1	12	18.95	18.90	18.88		
5	256QAM	1	24	18.99	18.97	19.00		
5	256QAM	12	0	18.68	18.80	18.75	20	5
5	256QAM	12	7	18.72	18.72	18.68		
5	256QAM	12	13	18.81	18.84	18.74		
5	256QAM	25	0	18.66	18.69	18.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.36	23.49	23.48	25	0
3	QPSK	1	8	23.44	23.53	23.53		
3	QPSK	1	14	23.35	23.47	23.39		
3	QPSK	8	0	22.53	22.49	22.48	24	1
3	QPSK	8	4	22.51	22.59	22.56		
3	QPSK	8	7	22.47	22.53	22.53		
3	QPSK	15	0	22.48	22.45	22.42		
3	16QAM	1	0	22.78	22.87	22.88	24	1
3	16QAM	1	8	22.88	22.94	22.95		
3	16QAM	1	14	22.76	22.83	22.81		
3	16QAM	8	0	21.62	21.58	21.54	23	2
3	16QAM	8	4	21.63	21.7	21.62		
3	16QAM	8	7	21.58	21.64	21.62		
3	16QAM	15	0	21.53	21.48	21.5		
3	64QAM	1	0	21.63	21.73	21.72	23	2
3	64QAM	1	8	21.73	21.82	21.73		
3	64QAM	1	14	21.64	21.72	21.78		
3	64QAM	8	0	20.55	20.52	20.53	22	3
3	64QAM	8	4	20.57	20.61	20.62		
3	64QAM	8	7	20.56	20.6	20.57		
3	64QAM	15	0	20.55	20.51	20.5		
3	256QAM	1	0	18.74	18.78	18.87	20	5
3	256QAM	1	8	18.94	18.99	18.86		
3	256QAM	1	14	18.95	19.03	18.93		
3	256QAM	8	0	18.73	18.81	18.66	20	5
3	256QAM	8	4	18.73	18.78	18.69		
3	256QAM	8	7	18.83	18.79	18.78		
3	256QAM	15	0	18.65	18.74	18.69		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.52	23.29	23.48	25	0
1.4	QPSK	1	3	23.41	23.26	23.43		
1.4	QPSK	1	5	23.51	23.19	23.53		
1.4	QPSK	3	0	23.45	23.26	23.45		
1.4	QPSK	3	1	23.46	23.25	23.45		
1.4	QPSK	3	3	23.52	23.22	23.5		
1.4	QPSK	6	0	22.56	22.31	22.59	24	1
1.4	16QAM	1	0	22.88	22.53	22.9	24	1
1.4	16QAM	1	3	22.89	22.62	22.99		
1.4	16QAM	1	5	22.94	22.58	22.88		
1.4	16QAM	3	0	22.67	22.42	22.71		
1.4	16QAM	3	1	22.73	22.36	22.78		
1.4	16QAM	3	3	22.71	22.35	22.75		
1.4	16QAM	6	0	21.64	21.43	21.71	23	2
1.4	64QAM	1	0	21.73	21.59	21.82	23	2
1.4	64QAM	1	3	21.8	21.54	21.82		
1.4	64QAM	1	5	21.8	21.5	21.79		
1.4	64QAM	3	0	21.69	21.51	21.75		
1.4	64QAM	3	1	21.75	21.47	21.76		
1.4	64QAM	3	3	21.76	21.46	21.77		
1.4	64QAM	6	0	20.6	20.45	20.63	22	3
1.4	256QAM	1	0	18.82	18.77	18.81	20	5
1.4	256QAM	1	3	18.90	18.92	18.87		
1.4	256QAM	1	5	18.96	19.00	18.98		
1.4	256QAM	3	0	18.66	18.73	18.68		
1.4	256QAM	3	1	18.75	18.78	18.66		
1.4	256QAM	3	3	18.87	18.83	18.75		
1.4	256QAM	6	0	18.68	18.71	18.67	20	5

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.7			
10	QPSK	1	25		20.61		21.5	0
10	QPSK	1	49		20.57			
10	QPSK	25	0		20.69			
10	QPSK	25	12		20.37		21.5	0
10	QPSK	25	25		20.41			
10	QPSK	50	0		20.67			
10	16QAM	1	0		20.6			
10	16QAM	1	25		20.56		21.5	0
10	16QAM	1	49		20.56			
10	16QAM	25	0		20.41			
10	16QAM	25	12		20.33		21.5	0
10	16QAM	25	25		20.4			
10	16QAM	50	0		20.36			
10	64QAM	1	0		20.53			
10	64QAM	1	25		20.51		21.5	0
10	64QAM	1	49		20.47			
10	64QAM	25	0		20.42			
10	64QAM	25	12		20.27		21.5	0
10	64QAM	25	25		20.37			
10	64QAM	50	0		20.35			
10	256QAM	1	0		19.10			
10	256QAM	1	25		19.09		20	1.5
10	256QAM	1	49		19.02			
10	256QAM	25	0		19.02			
10	256QAM	25	12		19.09		20	1.5
10	256QAM	25	25		19.09			
10	256QAM	50	0		19.13			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.55	20.51	20.62		
5	QPSK	1	12	20.58	20.49	20.52	21.5	0
5	QPSK	1	24	20.56	20.51	20.44		
5	QPSK	12	0	20.39	20.3	20.4		
5	QPSK	12	7	20.33	20.36	20.26	21.5	0
5	QPSK	12	13	20.34	20.37	20.29		
5	QPSK	25	0	20.24	20.3	20.32		
5	16QAM	1	0	20.57	20.55	20.51		
5	16QAM	1	12	20.48	20.43	20.54	21.5	0
5	16QAM	1	24	20.43	20.46	20.55		
5	16QAM	12	0	20.34	20.4	20.29		
5	16QAM	12	7	20.31	20.31	20.27	21.5	0
5	16QAM	12	13	20.28	20.37	20.38		
5	16QAM	25	0	20.35	20.25	20.25		
5	64QAM	1	0	20.43	20.41	20.39		
5	64QAM	1	12	20.43	20.46	20.5	21.5	0
5	64QAM	1	24	20.4	20.36	20.4		
5	64QAM	12	0	20.4	20.4	20.41		
5	64QAM	12	7	20.21	20.17	20.18	21.5	0
5	64QAM	12	13	20.34	20.29	20.28		
5	64QAM	25	0	20.29	20.32	20.33		
5	256QAM	1	0	19.00	18.93	18.97		
5	256QAM	1	12	18.94	19.08	18.97	20	1.5
5	256QAM	1	24	18.92	19.01	18.94		
5	256QAM	12	0	18.90	18.89	18.93		
5	256QAM	12	7	19.06	19.04	19.04	20	1.5
5	256QAM	12	13	18.91	18.90	18.91		
5	256QAM	25	0	19.04	19.02	19.12		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.95	23.05	23.01		
20	QPSK	1	49	22.84	23.02	22.89	24	0
20	QPSK	1	99	22.83	22.97	22.87		
20	QPSK	50	0	22.81	22.95	22.86		
20	QPSK	50	24	22.67	22.84	22.71	24	0
20	QPSK	50	50	22.69	22.85	22.75		
20	QPSK	100	0	22.64	22.87	22.75		
20	16QAM	1	0	22.91	22.95	22.93		
20	16QAM	1	49	22.77	22.96	22.77	24	0
20	16QAM	1	99	22.74	22.87	22.76		
20	16QAM	50	0	21.71	21.88	21.85		
20	16QAM	50	24	21.55	21.79	21.7	23	1
20	16QAM	50	50	21.67	21.76	21.63		
20	16QAM	100	0	21.61	21.81	21.74		
20	64QAM	1	0	21.87	21.96	21.91		
20	64QAM	1	49	21.76	22	21.88	23	1
20	64QAM	1	99	21.73	21.85	21.83		
20	64QAM	50	0	20.75	20.91	20.81		
20	64QAM	50	24	20.59	20.77	20.63	22	2
20	64QAM	50	50	20.63	20.8	20.7		
20	64QAM	100	0	20.62	20.83	20.68		
20	256QAM	1	0	18.92	19.01	19.00		
20	256QAM	1	49	18.95	19.04	18.96	20	4
20	256QAM	1	99	18.82	18.93	18.90		
20	256QAM	50	0	18.89	18.95	18.86		
20	256QAM	50	24	18.99	19.04	19.03	20	4
20	256QAM	50	50	18.82	18.95	18.94		
20	256QAM	100	0	19.00	19.03	18.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.03	22.99	22.97		
15	QPSK	1	37	22.94	22.93	22.99	24	0
15	QPSK	1	74	22.94	22.85	22.92		
15	QPSK	36	0	22.82	22.91	22.83		
15	QPSK	36	20	22.73	22.8	22.8	24	0
15	QPSK	36	39	22.72	22.77	22.74		
15	QPSK	75	0	22.85	22.83	22.83		
15	16QAM	1	0	22.92	22.87	22.89		
15	16QAM	1	37	22.88	22.9	22.86	24	0
15	16QAM	1	74	22.74	22.8	22.81		
15	16QAM	36	0	21.77	21.79	21.79		
15	16QAM	36	20	21.74	21.73	21.74	23	1
15	16QAM	36	39	21.66	21.65	21.69		
15	16QAM	75	0	21.77	21.74	21.68		
15	64QAM	1	0	21.88	21.94	21.84		
15	64QAM	1	37	21.98	21.88	21.91	23	1
15	64QAM	1	74	21.7	21.8	21.7		
15	64QAM	36	0	20.86	20.88	20.81		
15	64QAM	36	20	20.69	20.68	20.73	22	2
15	64QAM	36	39	20.71	20.72	20.75		
15	64QAM	75	0	20.78	20.76	20.8		
15	256QAM	1	0	18.98	18.87	18.82		
15	256QAM	1	37	18.94	18.85	18.98	20	4
15	256QAM	1	74	18.80	18.87	18.83		
15	256QAM	36	0	18.81	18.87	18.89		
15	256QAM	36	20	18.87	19.01	18.86	20	4
15	256QAM	36	39	18.76	18.87	18.78		
15	256QAM	75	0	18.94	18.83	18.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23	22.94	22.95		
10	QPSK	1	25	22.94	22.95	23.01	24	0
10	QPSK	1	49	22.86	22.96	22.92		
10	QPSK	25	0	22.93	22.83	22.93		
10	QPSK	25	12	22.8	22.74	22.78	24	0
10	QPSK	25	25	22.72	22.84	22.74		
10	QPSK	50	0	22.85	22.8	22.83		
10	16QAM	1	0	22.89	22.86	22.82		
10	16QAM	1	25	22.93	22.92	22.85	24	0
10	16QAM	1	49	22.81	22.82	22.81		
10	16QAM	25	0	21.82	21.76	21.86		
10	16QAM	25	12	21.68	21.77	21.76	23	1
10	16QAM	25	25	21.66	21.66	21.74		
10	16QAM	50	0	21.79	21.68	21.72		
10	64QAM	1	0	21.92	21.88	21.81		
10	64QAM	1	25	21.93	21.97	21.97	23	1
10	64QAM	1	49	21.8	21.72	21.71		
10	64QAM	25	0	20.86	20.85	20.9		
10	64QAM	25	12	20.74	20.69	20.71	22	2
10	64QAM	25	25	20.71	20.72	20.72		
10	64QAM	50	0	20.8	20.8	20.73		
10	256QAM	1	0	18.96	18.84	18.98		
10	256QAM	1	25	18.94	19.03	18.88	20	4
10	256QAM	1	49	18.89	18.84	18.78		
10	256QAM	25	0	18.75	18.87	18.86		
10	256QAM	25	12	19.01	19.03	18.93	20	4
10	256QAM	25	25	18.88	18.76	18.90		
10	256QAM	50	0	18.87	18.88	18.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23	22.94	22.97		
5	QPSK	1	12	22.91	22.95	22.97	24	0
5	QPSK	1	24	22.94	22.88	22.96		
5	QPSK	12	0	22.85	22.92	22.84		
5	QPSK	12	7	22.72	22.76	22.74	24	0
5	QPSK	12	13	22.82	22.82	22.73		
5	QPSK	25	0	22.8	22.86	22.76		
5	16QAM	1	0	22.84	22.84	22.94		
5	16QAM	1	12	22.84	22.95	22.85	24	0
5	16QAM	1	24	22.77	22.86	22.75		
5	16QAM	12	0	21.78	21.87	21.8		
5	16QAM	12	7	21.73	21.76	21.74	23	1
5	16QAM	12	13	21.63	21.66	21.71		
5	16QAM	25	0	21.68	21.74	21.79		
5	64QAM	1	0	21.95	21.85	21.82		
5	64QAM	1	12	21.97	21.93	21.9	23	1
5	64QAM	1	24	21.77	21.8	21.84		
5	64QAM	12	0	20.9	20.88	20.83		
5	64QAM	12	7	20.68	20.71	20.75	22	2
5	64QAM	12	13	20.74	20.75	20.78		
5	64QAM	25	0	20.79	20.78	20.79		
5	256QAM	1	0	18.88	18.89	18.96		
5	256QAM	1	12	18.85	18.93	18.90	20	4
5	256QAM	1	24	18.78	18.73	18.77		
5	256QAM	12	0	18.87	18.76	18.77		
5	256QAM	12	7	18.97	18.99	18.96	20	4
5	256QAM	12	13	18.84	18.77	18.80		
5	256QAM	25	0	18.95	18.99	18.86		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.01	23.02	22.97		
3	QPSK	1	8	22.89	22.89	22.98	24	0
3	QPSK	1	14	22.85	22.96	22.85		
3	QPSK	8	0	22.91	22.82	22.84		
3	QPSK	8	4	22.75	22.79	22.77	24	0
3	QPSK	8	7	22.74	22.74	22.82		
3	QPSK	15	0	22.85	22.84	22.8		
3	16QAM	1	0	22.82	22.83	22.87		
3	16QAM	1	8	22.83	22.83	22.94	24	0
3	16QAM	1	14	22.74	22.81	22.8		
3	16QAM	8	0	21.78	21.86	21.81		
3	16QAM	8	4	21.72	21.71	21.78	23	1
3	16QAM	8	7	21.75	21.67	21.63		
3	16QAM	15	0	21.79	21.73	21.73		
3	64QAM	1	0	21.86	21.93	21.91		
3	64QAM	1	8	21.91	21.91	21.88	23	1
3	64QAM	1	14	21.8	21.84	21.82		
3	64QAM	8	0	20.81	20.83	20.84		
3	64QAM	8	4	20.68	20.68	20.73	22	2
3	64QAM	8	7	20.7	20.75	20.78		
3	64QAM	15	0	20.79	20.73	20.79		
3	256QAM	1	0	18.84	18.87	18.97		
3	256QAM	1	8	18.97	18.94	18.99	20	4
3	256QAM	1	14	18.88	18.75	18.82		
3	256QAM	8	0	18.79	18.78	18.80		
3	256QAM	8	4	18.93	18.91	18.97	20	4
3	256QAM	8	7	18.82	18.82	18.78		
3	256QAM	15	0	18.94	18.87	19.01		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.04	23.03	23.01		
1.4	QPSK	1	3	22.93	23	22.93		
1.4	QPSK	1	5	22.96	22.88	22.95	24	0
1.4	QPSK	3	0	22.93	22.92	22.82		
1.4	QPSK	3	1	22.83	22.72	22.8		
1.4	QPSK	3	3	22.79	22.78	22.79		
1.4	QPSK	6	0	22.86	22.84	22.86	24	0
1.4	16QAM	1	0	22.83	22.88	22.85		
1.4	16QAM	1	3	22.89	22.95	22.91		
1.4	16QAM	1	5	22.81	22.79	22.77	24	0
1.4	16QAM	3	0	22.61	22.66	22.61		
1.4	16QAM	3	1	22.48	22.52	22.55		
1.4	16QAM	3	3	22.5	22.46	22.55		
1.4	16QAM	6	0	21.69	21.71	21.7	23	1
1.4	64QAM	1	0	21.93	21.92	21.84		
1.4	64QAM	1	3	21.96	21.97	21.97		
1.4	64QAM	1	5	21.72	21.79	21.82	23	1
1.4	64QAM	3	0	21.65	21.66	21.66		
1.4	64QAM	3	1	21.54	21.51	21.55		
1.4	64QAM	3	3	21.59	21.5	21.56		
1.4	64QAM	6	0	20.81	20.79	20.73	22	2
1.4	256QAM	1	0	19	18.85	18.83		
1.4	256QAM	1	3	18.87	18.98	18.89		
1.4	256QAM	1	5	18.82	18.82	18.85	20	4
1.4	256QAM	3	0	18.77	18.77	18.88		
1.4	256QAM	3	1	18.89	19.02	19.03		
1.4	256QAM	3	3	18.84	18.76	18.92		
1.4	256QAM	6	0	18.98	18.94	18.97	20	4

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25		
20	QPSK	1	49	24.28	24.17	24.21	25	0
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13		
20	QPSK	50	24	23.24	23.23	23.21	24	1
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81		
20	16QAM	1	49	22.73	22.81	22.66	24	1
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07		
20	16QAM	50	24	22.14	22.24	22.11	23	2
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18		
20	64QAM	1	49	22.35	22.37	22.29	23	2
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17		
20	64QAM	50	24	21.18	21.21	21.14	22	3
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90		
20	256QAM	1	49	19.11	19.16	19.01	20	5
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15		
20	256QAM	50	24	19.20	19.27	19.20	20	5
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2		
15	QPSK	1	37	24.19	24.09	24.11	25	0
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07		
15	QPSK	36	20	23.18	23.08	23.11	24	1
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69		
15	16QAM	1	37	22.68	22.75	22.59	24	1
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98		
15	16QAM	36	20	22.03	22.13	22.06	23	2
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05		
15	64QAM	1	37	22.23	22.28	22.22	23	2
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05		
15	64QAM	36	20	21.05	21.11	21	22	3
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79		
15	256QAM	1	37	19.00	19.05	18.92	20	5
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08		
15	256QAM	36	20	19.10	19.16	19.08	20	5
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12		
10	QPSK	1	25	24.15	24.08	24.12	25	0
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08		
10	QPSK	25	12	23.18	23.11	23.14	24	1
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66		
10	16QAM	1	25	22.6	22.73	22.61	24	1
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94		
10	16QAM	25	12	22.02	22.14	21.96	23	2
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08		
10	64QAM	1	25	22.27	22.3	22.24	23	2
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08		
10	64QAM	25	12	21.11	21.11	20.98	22	3
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80		
10	256QAM	1	25	18.95	19.03	18.92	20	5
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07		
10	256QAM	25	12	19.07	19.16	19.12	20	5
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15		
5	QPSK	1	12	24.22	24.05	24.08	25	0
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01		
5	QPSK	12	7	23.16	23.15	23.12	24	1
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75		
5	16QAM	1	12	22.59	22.65	22.61	24	1
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97		
5	16QAM	12	7	22.05	22.18	22.06	23	2
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1		
5	64QAM	1	12	22.28	22.26	22.19	23	2
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02		
5	64QAM	12	7	21.09	21.09	21.09	22	3
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83		
5	256QAM	1	12	18.99	19.08	18.95	20	5
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10		
5	256QAM	12	7	19.13	19.12	19.13	20	5
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15		
3	QPSK	1	8	24.19	24.11	24.07	25	0
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07		
3	QPSK	8	4	23.14	23.1	23.09	24	1
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66		
3	16QAM	1	8	22.61	22.74	22.61	24	1
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92		
3	16QAM	8	4	22.02	22.17	22.03	23	2
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08		
3	64QAM	1	8	22.23	22.24	22.21	23	2
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11		
3	64QAM	8	4	21.12	21.13	21.06	22	3
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76		
3	256QAM	1	8	18.99	19.11	18.92	20	5
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04		
3	256QAM	8	4	19.09	19.11	19.14	20	5
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19		
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138	25	0
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	25	0
1.4	16QAM	1	0	22.73	22.92	22.65		
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74	25	0
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	24	1
1.4	64QAM	1	0	22.06	22.13	22.1		
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08	24	1
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	23	2
1.4	256QAM	1	0	18.92	18.95	18.78		
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86	21	4
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	21	4

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92		
20	QPSK	1	49	23.85	23.88	23.86	25	0
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94		
20	QPSK	50	24	22.92	22.91	22.89	24	1
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24		
20	16QAM	1	49	23.17	23.25	23.18	24	1
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91		
20	16QAM	50	24	21.92	21.91	21.9	23	2
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39		
20	64QAM	1	49	22.24	22.3	22.29	23	2
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24		
20	64QAM	50	24	21.28	21.21	21.22	22	3
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85		
20	256QAM	1	49	18.92	18.99	18.90	20	5
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83		
20	256QAM	50	24	18.85	18.83	18.79	20	5
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93		
15	QPSK	1	37	23.78	23.87	23.81	25	0
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83		
15	QPSK	36	20	22.88	22.88	22.84	24	1
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19		
15	16QAM	1	37	23.08	23.21	23.17	24	1
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9		
15	16QAM	36	20	21.93	21.83	21.8	23	2
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36		
15	64QAM	1	37	22.17	22.24	22.22	23	2
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21		
15	64QAM	36	20	21.2	21.15	21.17	22	3
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82		
15	256QAM	1	37	18.85	18.95	18.98	20	5
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82		
15	256QAM	36	20	18.82	18.77	18.76	20	5
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89		
10	QPSK	1	25	23.84	23.84	23.81	25	0
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91		
10	QPSK	25	12	22.88	22.85	22.82	24	1
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16		
10	16QAM	1	25	23.13	23.2	23.17	24	1
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89		
10	16QAM	25	12	21.85	21.87	21.88	23	2
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3		
10	64QAM	1	25	22.18	22.22	22.25	23	2
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18		
10	64QAM	25	12	21.2	21.16	21.19	22	3
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82		
10	256QAM	1	25	18.90	19.02	18.96	20	5
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78		
10	256QAM	25	12	18.80	18.76	18.78	20	5
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9		
5	QPSK	1	12	23.79	23.87	23.84	25	0
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88		
5	QPSK	12	7	22.87	22.86	22.82	24	1
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15		
5	16QAM	1	12	23.16	23.16	23.09	24	1
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89		
5	16QAM	12	7	21.84	21.86	21.82	23	2
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35		
5	64QAM	1	12	22.19	22.26	22.25	23	2
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23		
5	64QAM	12	7	21.19	21.14	21.17	22	3
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79		
5	256QAM	1	12	18.92	18.99	18.93	20	5
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84		
5	256QAM	12	7	18.81	18.76	18.73	20	5
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.76	21.85	21.69	22.5	0
20	QPSK	1	49	21.75	21.76	21.59		
20	QPSK	1	99	21.68	21.83	21.62		
20	QPSK	50	0	21.44	21.53	21.3	22.5	0
20	QPSK	50	24	21.41	21.46	21.32		
20	QPSK	50	50	21.35	21.35	21.25		
20	QPSK	100	0	21.36	21.41	21.24		
20	16QAM	1	0	21.4	21.39	21.28	22.5	0
20	16QAM	1	49	21.32	21.34	21.23		
20	16QAM	1	99	21.3	21.3	21.15		
20	16QAM	50	0	21.64	21.73	21.68	22.5	0
20	16QAM	50	24	21.72	21.65	21.57		
20	16QAM	50	50	21.67	21.75	21.54		
20	16QAM	100	0	21.43	21.43	21.2		
20	64QAM	1	0	21.37	21.36	21.23	22.5	0
20	64QAM	1	49	21.32	21.26	21.15		
20	64QAM	1	99	21.26	21.29	21.23		
20	64QAM	50	0	20.4	20.47	20.29	21.5	1
20	64QAM	50	24	20.4	20.35	20.27		
20	64QAM	50	50	20.26	20.45	20.23		
20	64QAM	100	0	20.13	20.14	19.92		
20	256QAM	1	0	19.02	19.10	18.94	19.5	3
20	256QAM	1	49	18.99	19.04	18.90		
20	256QAM	1	99	18.94	19.02	18.82		
20	256QAM	50	0	19.06	18.98	18.87	19.5	3
20	256QAM	50	24	18.96	19.00	18.85		
20	256QAM	50	50	18.92	18.88	18.82		
20	256QAM	100	0	18.98	19.04	18.86		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.73	21.83	21.65	22.5	0
15	QPSK	1	37	21.74	21.75	21.52		
15	QPSK	1	74	21.66	21.81	21.61		
15	QPSK	36	0	21.35	21.47	21.29	22.5	0
15	QPSK	36	20	21.33	21.43	21.26		
15	QPSK	36	39	21.23	21.27	21.17		
15	QPSK	75	0	21.32	21.34	21.16		
15	16QAM	1	0	21.34	21.28	21.22	22.5	0
15	16QAM	1	37	21.29	21.25	21.11		
15	16QAM	1	74	21.2	21.28	21.08		
15	16QAM	36	0	21.62	21.7	21.56	22.5	0
15	16QAM	36	20	21.63	21.61	21.54		
15	16QAM	36	39	21.57	21.65	21.47		
15	16QAM	75	0	21.36	21.33	21.14		
15	64QAM	1	0	21.35	21.25	21.21	22.5	0
15	64QAM	1	37	21.29	21.23	21.11		
15	64QAM	1	74	21.21	21.19	21.22		
15	64QAM	36	0	20.38	20.45	20.27	21.5	1
15	64QAM	36	20	20.36	20.27	20.15		
15	64QAM	36	39	20.19	20.36	20.22		
15	64QAM	75	0	20.06	20.08	19.83		
15	256QAM	1	0	18.95	19.04	18.87	19.5	3
15	256QAM	1	37	18.95	19.02	18.84		
15	256QAM	1	74	18.87	18.90	18.77		
15	256QAM	36	0	19.05	18.96	18.79	19.5	3
15	256QAM	36	20	18.85	18.88	18.82		
15	256QAM	36	39	18.89	18.78	18.79		
15	256QAM	75	0	18.95	18.99	18.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.67	21.73	21.64	22.5	0
10	QPSK	1	25	21.73	21.71	21.48		
10	QPSK	1	49	21.65	21.81	21.59		
10	QPSK	25	0	21.41	21.5	21.21	22.5	0
10	QPSK	25	12	21.31	21.41	21.29		
10	QPSK	25	25	21.29	21.3	21.22		
10	QPSK	50	0	21.35	21.34	21.19		
10	16QAM	1	0	21.34	21.35	21.18	22.5	0
10	16QAM	1	25	21.25	21.32	21.13		
10	16QAM	1	49	21.23	21.25	21.04		
10	16QAM	25	0	21.56	21.71	21.61	22.5	0
10	16QAM	25	12	21.65	21.61	21.56		
10	16QAM	25	25	21.62	21.68	21.51		
10	16QAM	50	0	21.35	21.36	21.12		
10	64QAM	1	0	21.3	21.27	21.14	22.5	0
10	64QAM	1	25	21.23	21.2	21.1		
10	64QAM	1	49	21.19	21.18	21.21		
10	64QAM	25	0	20.29	20.45	20.26	21.5	1
10	64QAM	25	12	20.36	20.34	20.19		
10	64QAM	25	25	20.2	20.37	20.15		
10	64QAM	50	0	20.03	20.08	19.9		
10	256QAM	1	0	18.98	18.98	18.90	19.5	3
10	256QAM	1	25	18.92	19.03	18.84		
10	256QAM	1	49	18.84	18.96	18.78		
10	256QAM	25	0	19.02	18.93	18.81	19.5	3
10	256QAM	25	12	18.88	18.95	18.74		
10	256QAM	25	25	18.88	18.83	18.79		
10	256QAM	50	0	18.91	18.99	18.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.71	21.79	21.57	22.5	0
5	QPSK	1	12	21.73	21.67	21.48		
5	QPSK	1	24	21.67	21.81	21.51		
5	QPSK	12	0	21.32	21.47	21.19	22.5	0
5	QPSK	12	7	21.31	21.37	21.2		
5	QPSK	12	13	21.27	21.31	21.23		
5	QPSK	25	0	21.3	21.34	21.2		
5	16QAM	1	0	21.31	21.37	21.21	22.5	0
5	16QAM	1	12	21.3	21.33	21.17		
5	16QAM	1	24	21.28	21.23	21.11		
5	16QAM	12	0	21.52	21.71	21.59	22.5	0
5	16QAM	12	7	21.71	21.55	21.55		
5	16QAM	12	13	21.63	21.7	21.52		
5	16QAM	25	0	21.35	21.34	21.15		
5	64QAM	1	0	21.32	21.27	21.18	22.5	0
5	64QAM	1	12	21.28	21.16	21.1		
5	64QAM	1	24	21.25	21.28	21.12		
5	64QAM	12	0	20.34	20.39	20.22	21.5	1
5	64QAM	12	7	20.29	20.33	20.16		
5	64QAM	12	13	20.15	20.43	20.15		
5	64QAM	25	0	20.07	20.11	19.83		
5	256QAM	1	0	18.91	18.98	18.84	19.5	3
5	256QAM	1	12	18.93	19.00	18.88		
5	256QAM	1	24	18.93	18.92	18.76		
5	256QAM	12	0	18.95	18.94	18.79	19.5	3
5	256QAM	12	7	18.90	18.94	18.76		
5	256QAM	12	13	18.88	18.83	18.75		
5	256QAM	25	0	18.95	18.96	18.80		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.62	23.69	23.62	24.5	0
20	QPSK	1	49	23.58	23.57	23.59		
20	QPSK	1	99	23.57	23.56	23.58		
20	QPSK	50	0	22.47	22.58	22.41	23.5	1
20	QPSK	50	24	22.57	22.45	22.47		
20	QPSK	50	50	22.51	22.47	22.57		
20	QPSK	100	0	22.54	22.57	22.43		
20	16QAM	1	0	22.25	22.33	22.26	23.5	1
20	16QAM	1	49	22.24	22.25	22.24		
20	16QAM	1	99	22.2	22.23	22.24		
20	16QAM	50	0	21.4	21.46	21.51	22.5	2
20	16QAM	50	24	21.44	21.52	21.5		
20	16QAM	50	50	21.4	21.49	21.43		
20	16QAM	100	0	21.57	21.59	21.59		
20	64QAM	1	0	21.73	21.75	21.74	22.5	2
20	64QAM	1	49	21.67	21.75	21.66		
20	64QAM	1	99	21.71	21.73	21.64		
20	64QAM	50	0	20.45	20.53	20.48	21.5	3
20	64QAM	50	24	20.41	20.47	20.43		
20	64QAM	50	50	20.44	20.51	20.48		
20	64QAM	100	0	20.53	20.58	20.58		
20	256QAM	1	0	18.64	18.74	18.70	19.5	5
20	256QAM	1	49	18.62	18.69	18.59		
20	256QAM	1	99	18.66	18.75	18.64		
20	256QAM	50	0	18.44	18.55	18.53	19.5	5
20	256QAM	50	24	18.42	18.52	18.52		
20	256QAM	50	50	18.55	18.57	18.51		
20	256QAM	100	0	18.44	18.53	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.63	23.53	24.5	0
15	QPSK	1	37	23.44	23.51	23.43		
15	QPSK	1	74	23.5	23.4	23.44		
15	QPSK	36	0	22.34	22.44	22.33	23.5	1
15	QPSK	36	20	22.51	22.35	22.42		
15	QPSK	36	39	22.37	22.34	22.49		
15	QPSK	75	0	22.44	22.52	22.34		
15	16QAM	1	0	22.13	22.24	22.1	23.5	1
15	16QAM	1	37	22.17	22.18	22.12		
15	16QAM	1	74	22.13	22.11	22.16		
15	16QAM	36	0	21.26	21.31	21.4	22.5	2
15	16QAM	36	20	21.37	21.43	21.37		
15	16QAM	36	39	21.34	21.38	21.36		
15	16QAM	75	0	21.45	21.45	21.54		
15	64QAM	1	0	21.59	21.61	21.62	22.5	2
15	64QAM	1	37	21.62	21.59	21.58		
15	64QAM	1	74	21.59	21.59	21.53		
15	64QAM	36	0	20.33	20.41	20.39	21.5	3
15	64QAM	36	20	20.34	20.31	20.35		
15	64QAM	36	39	20.35	20.45	20.35		
15	64QAM	75	0	20.37	20.43	20.51		
15	256QAM	1	0	18.56	18.62	18.65	19.5	5
15	256QAM	1	37	18.55	18.55	18.5		
15	256QAM	1	74	18.58	18.66	18.55		
15	256QAM	36	0	18.34	18.44	18.46	19.5	5
15	256QAM	36	20	18.36	18.44	18.46		
15	256QAM	36	39	18.43	18.45	18.40		
15	256QAM	75	0	18.31	18.46	18.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.48	23.61	23.56	24.5	0
10	QPSK	1	25	23.48	23.5	23.53		
10	QPSK	1	49	23.47	23.49	23.45		
10	QPSK	25	0	22.32	22.52	22.3	23.5	1
10	QPSK	25	12	22.5	22.31	22.37		
10	QPSK	25	25	22.44	22.34	22.51		
10	QPSK	50	0	22.46	22.44	22.35		
10	16QAM	1	0	22.16	22.24	22.2	23.5	1
10	16QAM	1	25	22.12	22.15	22.18		
10	16QAM	1	49	22.14	22.09	22.09		
10	16QAM	25	0	21.26	21.3	21.46	22.5	2
10	16QAM	25	12	21.32	21.38	21.4		
10	16QAM	25	25	21.3	21.42	21.35		
10	16QAM	50	0	21.51	21.44	21.49		
10	64QAM	1	0	21.66	21.61	21.64	22.5	2
10	64QAM	1	25	21.56	21.67	21.6		
10	64QAM	1	49	21.55	21.66	21.57		
10	64QAM	25	0	20.37	20.48	20.41	21.5	3
10	64QAM	25	12	20.27	20.34	20.31		
10	64QAM	25	25	20.38	20.43	20.38		
10	64QAM	50	0	20.43	20.53	20.42		
10	256QAM	1	0	18.53	18.60	18.59	19.5	5
10	256QAM	1	25	18.50	18.54	18.44		
10	256QAM	1	49	18.57	18.61	18.57		
10	256QAM	25	0	18.39	18.43	18.43	19.5	5
10	256QAM	25	12	18.26	18.47	18.43		
10	256QAM	25	25	18.46	18.46	18.45		
10	256QAM	50	0	18.35	18.48	18.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.51	23.6	23.56	24.5	0
5	QPSK	1	12	23.51	23.46	23.46		
5	QPSK	1	24	23.41	23.48	23.5		
5	QPSK	12	0	22.38	22.51	22.35	23.5	1
5	QPSK	12	7	22.51	22.31	22.33		
5	QPSK	12	13	22.35	22.42	22.49		
5	QPSK	25	0	22.43	22.41	22.31		
5	16QAM	1	0	22.11	22.18	22.12	23.5	1
5	16QAM	1	12	22.13	22.13	22.19		
5	16QAM	1	24	22.08	22.18	22.18		
5	16QAM	12	0	21.35	21.32	21.38	22.5	2
5	16QAM	12	7	21.34	21.36	21.45		
5	16QAM	12	13	21.33	21.44	21.27		
5	16QAM	25	0	21.51	21.51	21.44		
5	64QAM	1	0	21.6	21.68	21.67	22.5	2
5	64QAM	1	12	21.58	21.69	21.6		
5	64QAM	1	24	21.63	21.66	21.53		
5	64QAM	12	0	20.4	20.43	20.33	21.5	3
5	64QAM	12	7	20.31	20.39	20.3		
5	64QAM	12	13	20.3	20.37	20.37		
5	64QAM	25	0	20.44	20.5	20.49		
5	256QAM	1	0	18.52	18.66	18.60	19.5	5
5	256QAM	1	12	18.48	18.55	18.51		
5	256QAM	1	24	18.54	18.68	18.59		
5	256QAM	12	0	18.35	18.49	18.40	19.5	5
5	256QAM	12	7	18.27	18.45	18.45		
5	256QAM	12	13	18.41	18.50	18.43		
5	256QAM	25	0	18.32	18.41	18.38		

Band 41_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.61	21.71	21.68	21.63	21.69	22.5	0
20	QPSK	1	49	21.56	21.62	21.6	21.53	21.68		
20	QPSK	1	99	21.56	21.65	21.64	21.55	21.6		
20	QPSK	50	0	21.52	21.67	21.58	21.61	21.6	22.5	0
20	QPSK	50	24	21.52	21.6	21.65	21.53	21.59		
20	QPSK	50	50	21.56	21.65	21.58	21.61	21.62		
20	QPSK	100	0	21.53	21.63	21.62	21.59	21.61		
20	16QAM	1	0	21.5	21.61	21.64	21.57	21.67	22.5	0
20	16QAM	1	49	21.46	21.54	21.54	21.52	21.66		
20	16QAM	1	99	21.49	21.61	21.58	21.48	21.56		
20	16QAM	50	0	21.55	21.59	21.63	21.57	21.67	22.5	0
20	16QAM	50	24	21.52	21.56	21.53	21.45	21.64		
20	16QAM	50	50	21.53	21.62	21.62	21.46	21.55		
20	16QAM	100	0	21.48	21.55	21.52	21.51	21.51		
20	64QAM	1	0	21.43	21.54	21.58	21.45	21.52	22.5	0
20	64QAM	1	49	21.49	21.53	21.47	21.5	21.58		
20	64QAM	1	99	21.43	21.58	21.53	21.58	21.6		
20	64QAM	50	0	21	21.12	21.15	21.02	21.07	22	0.5
20	64QAM	50	24	21.01	21.06	21.04	20.98	21.13		
20	64QAM	50	50	20.94	21.13	21.12	20.97	20.98		
20	64QAM	100	0	20.96	21.13	20.98	20.99	20.98		
20	256QAM	1	0	18.92	19.08	19.09	18.94	19.00	20	2.5
20	256QAM	1	49	18.95	19.03	18.98	18.90	19.04		
20	256QAM	1	99	18.94	19.01	19.12	18.92	19.00		
20	256QAM	50	0	18.91	19.05	19.06	18.95	19.00	20	2.5
20	256QAM	50	24	18.96	18.94	18.92	18.96	19.07		
20	256QAM	50	50	18.84	19.10	19.03	18.85	18.97		
20	256QAM	100	0	18.84	19.10	18.91	18.96	18.89		
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	21.59	21.6	21.65	21.61	21.61	22.50	0
15	QPSK	1	37	21.52	21.52	21.59	21.52	21.62		
15	QPSK	1	74	21.49	21.57	21.61	21.52	21.53		
15	QPSK	36	0	21.51	21.6	21.52	21.57	21.54	22.5	0
15	QPSK	36	20	21.46	21.57	21.64	21.46	21.51		
15	QPSK	36	39	21.48	21.56	21.56	21.5	21.53		
15	QPSK	75	0	21.5	21.58	21.58	21.53	21.6		
15	16QAM	1	0	21.42	21.57	21.6	21.55	21.6	22.5	0
15	16QAM	1	37	21.44	21.53	21.53	21.46	21.57		
15	16QAM	1	74	21.48	21.5	21.49	21.38	21.47		
15	16QAM	36	0	21.47	21.53	21.61	21.47	21.59	22.5	0
15	16QAM	36	20	21.41	21.55	21.5	21.42	21.52		
15	16QAM	36	39	21.43	21.6	21.61	21.35	21.45		
15	16QAM	75	0	21.37	21.51	21.47	21.4	21.49		
15	64QAM	1	0	21.37	21.48	21.51	21.38	21.41	22.5	0
15	64QAM	1	37	21.43	21.51	21.43	21.39	21.52		
15	64QAM	1	74	21.36	21.49	21.43	21.55	21.53		
15	64QAM	36	0	20.89	21.05	21.12	20.97	21.04	22	0.5
15	64QAM	36	20	20.96	21.04	21.03	20.95	21.06		
15	64QAM	36	39	20.87	21.09	21	20.96	20.92		
15	64QAM	75	0	20.9	21.06	20.91	20.96	20.86		
15	256QAM	1	0	18.80	19.03	19.07	18.92	18.95	20	2.5
15	256QAM	1	37	18.92	18.94	18.88	18.87	19.00		
15	256QAM	1	74	18.93	18.93	19.10	18.83	18.99		
15	256QAM	36	0	18.86	18.93	18.99	18.94	18.93	20	2.5
15	256QAM	36	20	18.84	18.88	18.86	18.88	19.04		
15	256QAM	36	39	18.77	19.08	19.00	18.82	18.92		
15	256QAM	75	0	18.78	19.05	18.85	18.95	18.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.5	21.65	21.59	21.6	21.6	22.50	0
10	QPSK	1	25	21.55	21.51	21.59	21.42	21.57		
10	QPSK	1	49	21.45	21.63	21.58	21.54	21.53		
10	QPSK	25	0	21.43	21.57	21.57	21.52	21.54	22.5	0
10	QPSK	25	12	21.48	21.49	21.53	21.48	21.53		
10	QPSK	25	25	21.45	21.55	21.5	21.59	21.61		
10	QPSK	50	0	21.48	21.56	21.51	21.55	21.52		
10	16QAM	1	0	21.44	21.49	21.57	21.5	21.65	22.5	0
10	16QAM	1	25	21.43	21.44	21.51	21.4	21.55		
10	16QAM	1	49	21.42	21.56	21.49	21.46	21.44		
10	16QAM	25	0	21.54	21.47	21.56	21.48	21.62	22.5	0
10	16QAM	25	12	21.48	21.54	21.49	21.34	21.62		
10	16QAM	25	25	21.46	21.56	21.51	21.43	21.45		
10	16QAM	50	0	21.46	21.52	21.46	21.41	21.44		
10	64QAM	1	0	21.36	21.47	21.54	21.44	21.43	22.5	0
10	64QAM	1	25	21.44	21.43	21.46	21.4	21.53		
10	64QAM	1	49	21.33	21.53	21.52	21.51	21.58		
10	64QAM	25	0	20.94	21.09	21.11	20.98	21.02	22	0.5
10	64QAM	25	12	20.96	20.96	21.01	20.9	21.09		
10	64QAM	25	25	20.82	21.08	21.02	20.95	20.9		
10	64QAM	50	0	20.84	21.09	20.97	20.95	20.91		
10	256QAM	1	0	18.89	19.05	19.03	18.87	18.89	20	2.5
10	256QAM	1	25	18.86	18.93	18.90	18.80	18.92		
10	256QAM	1	49	18.91	18.89	19.11	18.80	18.88		
10	256QAM	25	0	18.87	19.04	18.98	18.88	18.98	20	2.5
10	256QAM	25	12	18.89	18.85	18.83	18.90	19.03		
10	256QAM	25	25	18.83	19.09	19.00	18.77	18.87		
10	256QAM	50	0	18.76	19.00	18.84	18.90	18.82		
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	21.55	21.65	21.59	21.6	21.68	22.50	0
5	QPSK	1	12	21.53	21.55	21.48	21.47	21.6		
5	QPSK	1	24	21.49	21.58	21.54	21.49	21.58		
5	QPSK	12	0	21.47	21.65	21.49	21.52	21.5	22.5	0
5	QPSK	12	7	21.49	21.49	21.53	21.44	21.52		
5	QPSK	12	13	21.48	21.53	21.52	21.51	21.6		
5	QPSK	25	0	21.47	21.56	21.57	21.55	21.59		
5	16QAM	1	0	21.38	21.57	21.62	21.46	21.62	22.5	0
5	16QAM	1	12	21.44	21.46	21.49	21.46	21.62		
5	16QAM	1	24	21.43	21.55	21.52	21.42	21.49		
5	16QAM	12	0	21.51	21.55	21.62	21.55	21.62	22.5	0
5	16QAM	12	7	21.43	21.5	21.47	21.33	21.62		
5	16QAM	12	13	21.42	21.5	21.51	21.34	21.51		
5	16QAM	25	0	21.41	21.52	21.43	21.48	21.42		
5	64QAM	1	0	21.4	21.51	21.46	21.34	21.41	22.5	0
5	64QAM	1	12	21.4	21.46	21.39	21.47	21.54		
5	64QAM	1	24	21.37	21.56	21.44	21.51	21.54		
5	64QAM	12	0	20.89	21.03	21.12	21	20.96	22	0.5
5	64QAM	12	7	20.9	20.95	20.99	20.94	21.12		
5	64QAM	12	13	20.85	21.09	21.1	20.9	20.93		
5	64QAM	25	0	20.85	21.03	20.97	20.91	20.86		
5	256QAM	1	0	18.85	19.04	18.98	18.91	18.94	20	2.5
5	256QAM	1	12	18.91	18.98	18.90	18.88	18.95		
5	256QAM	1	24	18.85	18.94	19.07	18.89	18.88		
5	256QAM	12	0	18.82	19.02	19.04	18.92	18.95	20	2.5
5	256QAM	12	7	18.93	18.87	18.81	18.91	18.96		
5	256QAM	12	13	18.82	18.99	18.98	18.81	18.89		
5	256QAM	25	0	18.73	19.00	18.82	18.86	18.77		

Band 41 HPUE_ANT 2

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	23.13	23.4	23.33	23.3	23.36	24.1	0
20	QPSK	1	49	23.03	23.29	23.21	23.22	23.33		
20	QPSK	1	99	23.06	23.29	23.23	23.25	23.31		
20	QPSK	50	0	23.09	23.3	23.23	23.22	23.26	24.1	0
20	QPSK	50	24	22.91	23.24	23.12	23.11	23.24		
20	QPSK	50	50	23.02	23.22	23.15	23.19	23.01		
20	QPSK	100	0	23.05	23.23	23.21	23.21	23.05		
20	16QAM	1	0	23.05	23.38	23.25	23.28	23.29	24.1	0
20	16QAM	1	49	22.93	23.21	23.16	23.21	23.21		
20	16QAM	1	99	22.96	23.18	23.12	23.13	23.29		
20	16QAM	50	0	23.04	23.19	23.16	23.13	23.14	24.1	0
20	16QAM	50	24	22.79	23.22	23.11	23.09	23.23		
20	16QAM	50	50	23	23.17	23.11	23.09	22.91		
20	16QAM	100	0	23.04	23.37	23.29	23.22	23.32		
20	64QAM	1	0	22.96	23.27	23.2	23.14	23.31	24.1	0
20	64QAM	1	49	23.04	23.18	23.16	23.16	23.22		
20	64QAM	1	99	23.08	23.31	23.28	23.28	23.3		
20	64QAM	50	0	23	23.19	23.11	23.15	23.26	24.0	0.1
20	64QAM	50	24	22.97	23.21	23.13	23.15	23.19		
20	64QAM	50	50	23.08	23.25	23.17	23.1	23.17		
20	64QAM	100	0	22.83	23.21	23.06	22.99	23.18		
20	256QAM	1	0	21.95	22.20	22.17	22.10	22.19	23.0	1.1
20	256QAM	1	49	21.97	22.16	22.13	22.14	22.11		
20	256QAM	1	99	21.98	22.21	22.19	22.19	22.21		
20	256QAM	50	0	21.95	22.07	22.03	22.08	22.25	23.0	1.1
20	256QAM	50	24	21.85	22.14	22.05	22.14	22.08		
20	256QAM	50	50	21.98	22.23	22.12	22.01	22.07		
20	256QAM	100	0	21.82	22.13	22.01	21.91	22.06		
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	23.03	23.3	23.22	23.23	23.29	24.1	0
15	QPSK	1	37	22.99	23.2	23.09	23.21	23.31		
15	QPSK	1	74	23.02	23.22	23.12	23.21	23.29		
15	QPSK	36	0	23.04	23.21	23.16	23.12	23.14	24.1	0
15	QPSK	36	20	22.89	23.16	23.07	23.04	23.12		
15	QPSK	36	39	22.99	23.15	23.04	23.18	22.97		
15	QPSK	75	0	23.01	23.12	23.09	23.1	22.96		
15	16QAM	1	0	22.93	23.31	23.14	23.17	23.2	24.1	0
15	16QAM	1	37	22.85	23.2	23.07	23.19	23.17		
15	16QAM	1	74	22.88	23.11	23.09	23.07	23.2		
15	16QAM	36	0	22.96	23.07	23.13	23.11	23.07	24.1	0
15	16QAM	36	20	22.69	23.13	23.03	23.01	23.12		
15	16QAM	36	39	22.93	23.13	23.07	23.07	22.9		
15	16QAM	75	0	22.98	23.3	23.18	23.12	23.31		
15	64QAM	1	0	22.95	23.22	23.19	23.09	23.23	24.1	0
15	64QAM	1	37	22.97	23.08	23.11	23.1	23.18		
15	64QAM	1	74	23.03	23.19	23.22	23.24	23.25		
15	64QAM	36	0	22.89	23.09	23.07	23.14	23.15	24.0	0.1
15	64QAM	36	20	22.91	23.11	23.04	23.13	23.17		
15	64QAM	36	39	23.05	23.14	23.11	23.08	23.09		
15	64QAM	75	0	22.77	23.2	23.05	22.9	23.14		
15	256QAM	1	0	21.91	22.16	22.09	22.08	22.07	23.0	1.1
15	256QAM	1	37	21.89	22.08	22.03	22.12	22.08		
15	256QAM	1	74	21.89	22.14	22.13	22.07	22.16		
15	256QAM	36	0	21.85	22.05	21.94	21.99	22.16	23.0	1.1
15	256QAM	36	20	21.78	22.02	22.03	22.09	21.96		
15	256QAM	36	39	21.94	22.20	22.03	21.96	22.01		
15	256QAM	75	0	21.79	22.06	21.99	21.82	21.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	23.32	23.22	23.24	23.35	24.1	0
10	QPSK	1	25	22.98	23.24	23.14	23.19	23.31		
10	QPSK	1	49	22.98	23.19	23.11	23.23	23.2		
10	QPSK	25	0	23.01	23.18	23.17	23.17	23.24	24.1	0
10	QPSK	25	12	22.86	23.13	23.04	23.03	23.14		
10	QPSK	25	25	22.98	23.13	23.03	23.07	22.91		
10	QPSK	50	0	23.03	23.2	23.14	23.15	23.04		
10	16QAM	1	0	22.96	23.33	23.15	23.16	23.24	24.1	0
10	16QAM	1	25	22.82	23.13	23.07	23.11	23.13		
10	16QAM	1	49	22.84	23.16	23.05	23.1	23.19		
10	16QAM	25	0	22.93	23.13	23.07	23.12	23.13	24.1	0
10	16QAM	25	12	22.78	23.21	23.03	23.05	23.19		
10	16QAM	25	25	22.91	23.05	23.02	23	22.89		
10	16QAM	50	0	22.99	23.29	23.26	23.16	23.27		
10	64QAM	1	0	22.86	23.18	23.11	23.13	23.27	24.1	0
10	64QAM	1	25	22.96	23.1	23.07	23.05	23.18		
10	64QAM	1	49	23.02	23.29	23.2	23.25	23.26		
10	64QAM	25	0	22.98	23.09	23.1	23.06	23.18	24.0	0.1
10	64QAM	25	12	22.85	23.11	23.01	23.07	23.14		
10	64QAM	25	25	22.98	23.17	23.16	23.09	23.12		
10	64QAM	50	0	22.73	23.16	22.97	22.97	23.14		
10	256QAM	1	0	21.86	22.08	22.15	22.07	22.15	23.0	1.1
10	256QAM	1	25	21.92	22.06	22.11	22.02	22.05		
10	256QAM	1	49	21.86	22.13	22.16	22.17	22.19		
10	256QAM	25	0	21.92	21.97	21.92	22.05	22.15	23.0	1.1
10	256QAM	25	12	21.77	22.12	22.02	22.04	22.05		
10	256QAM	25	25	21.89	22.20	22.09	21.89	22.04		
10	256QAM	50	0	21.79	22.04	21.92	21.87	22.02		
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	23.02	23.29	23.21	23.29	23.34	24.1	0
5	QPSK	1	12	23	23.17	23.16	23.15	23.21		
5	QPSK	1	24	23.04	23.27	23.12	23.22	23.26		
5	QPSK	12	0	23.07	23.19	23.17	23.21	23.17	24.1	0
5	QPSK	12	7	22.86	23.13	23.08	23.02	23.17		
5	QPSK	12	13	22.98	23.11	23.07	23.18	22.94		
5	QPSK	25	0	23.04	23.11	23.12	23.09	23.04		
5	16QAM	1	0	22.96	23.32	23.13	23.18	23.2	24.1	0
5	16QAM	1	12	22.86	23.09	23.1	23.18	23.2		
5	16QAM	1	24	22.88	23.17	23.1	23.02	23.2		
5	16QAM	12	0	22.92	23.11	23.14	23.1	23.13	24.1	0
5	16QAM	12	7	22.83	23.2	23.05	23.06	23.15		
5	16QAM	12	13	22.91	23.15	23.07	23.04	22.86		
5	16QAM	25	0	23	23.33	23.22	23.15	23.22		
5	64QAM	1	0	22.9	23.15	23.14	23.03	23.3	24.1	0
5	64QAM	1	12	22.96	23.11	23.13	23.12	23.18		
5	64QAM	1	24	23.03	23.21	23.2	23.22	23.25		
5	64QAM	12	0	22.88	23.16	23.02	23.1	23.2	24.0	0.1
5	64QAM	12	7	22.96	23.17	23.07	23.14	23.17		
5	64QAM	12	13	23.07	23.19	23.1	23	23.1		
5	64QAM	25	0	22.82	23.09	22.99	22.96	23.06		
5	256QAM	1	0	21.84	22.14	22.08	22.00	22.13	23.0	1.1
5	256QAM	1	12	21.93	22.11	22.11	22.05	22.09		
5	256QAM	1	24	21.89	22.11	22.12	22.09	22.19		
5	256QAM	12	0	21.88	22.05	21.95	22.04	22.19	23.0	1.1
5	256QAM	12	7	21.77	22.07	22.04	22.12	22.07		
5	256QAM	12	13	21.94	22.22	22.01	21.99	21.98		
5	256QAM	25	0	21.81	22.01	21.97	21.85	22.00		

Band 41_ANT 5

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	23.44	23.58	23.25	23.36	23.27	25	0
20	QPSK	1	49	23.36	23.37	23.32	23.32	23.29		
20	QPSK	1	99	23.45	23.36	23.33	23.28	23.24		
20	QPSK	50	0	22.92	22.97	22.82	22.8	22.84	24.5	0.5
20	QPSK	50	24	22.82	22.91	22.75	22.78	22.81		
20	QPSK	50	50	22.79	22.74	22.66	22.72	22.6		
20	QPSK	100	0	22.73	22.87	22.72	22.73	22.78		
20	16QAM	1	0	22.86	22.88	22.77	22.79	22.87	24.5	0.5
20	16QAM	1	49	22.71	22.68	22.67	22.58	22.62		
20	16QAM	1	99	22.83	22.79	22.78	22.74	22.75		
20	16QAM	50	0	21.03	21.05	20.85	20.97	20.92	23.5	1.5
20	16QAM	50	24	21.1	21.07	21	20.91	20.92		
20	16QAM	50	50	21.15	21.04	20.9	21.07	20.92		
20	16QAM	100	0	21.14	21.14	20.95	20.96	20.98		
20	64QAM	1	0	21.93	22	21.86	21.84	21.87	23.5	1.5
20	64QAM	1	49	21.84	21.8	21.81	21.81	21.63		
20	64QAM	1	99	21.64	21.67	21.57	21.64	21.54		
20	64QAM	50	0	20.96	20.99	20.9	20.92	20.95	22.5	2.5
20	64QAM	50	24	21.11	21.09	21.01	21.03	20.95		
20	64QAM	50	50	20.99	21	20.94	21	20.98		
20	64QAM	100	0	21.02	21.03	20.9	20.8	20.85		
20	256QAM	1	0	19.08	19.07	18.99	18.94	18.91	20.5	4.5
20	256QAM	1	49	19.07	19.08	19.07	19.01	19.08		
20	256QAM	1	99	18.95	18.97	18.92	18.88	18.88		
20	256QAM	50	0	19.03	19.04	18.95	19.00	18.92	20.5	4.5
20	256QAM	50	24	19.03	19.16	19.03	18.96	18.94		
20	256QAM	50	50	19.07	19.01	18.96	19.03	18.92		
20	256QAM	100	0	18.99	19.03	18.97	18.86	18.94		
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	23.36	23.5	23.24	23.32	23.16	25	0
15	QPSK	1	37	23.25	23.34	23.3	23.3	23.17		
15	QPSK	1	74	23.4	23.25	23.25	23.26	23.22		
15	QPSK	36	0	22.89	22.9	22.71	22.78	22.75	24.5	0.5
15	QPSK	36	20	22.77	22.85	22.74	22.71	22.8		
15	QPSK	36	39	22.72	22.73	22.57	22.64	22.5		
15	QPSK	75	0	22.66	22.86	22.63	22.71	22.69		
15	16QAM	1	0	22.74	22.86	22.7	22.7	22.84	24.5	0.5
15	16QAM	1	37	22.7	22.59	22.6	22.46	22.58		
15	16QAM	1	74	22.71	22.76	22.74	22.64	22.71		
15	16QAM	36	0	20.93	20.96	20.75	20.95	20.84	23.5	1.5
15	16QAM	36	20	21.01	20.95	20.96	20.85	20.86		
15	16QAM	36	39	21.08	21	20.85	21.03	20.83		
15	16QAM	75	0	21.1	21.1	20.85	20.87	20.87		
15	64QAM	1	0	21.89	21.9	21.76	21.8	21.79	23.5	1.5
15	64QAM	1	37	21.78	21.76	21.71	21.78	21.52		
15	64QAM	1	74	21.56	21.63	21.51	21.53	21.51		
15	64QAM	36	0	20.84	20.97	20.81	20.89	20.87	22.5	2.5
15	64QAM	36	20	21.06	21	20.97	20.92	20.9		
15	64QAM	36	39	20.9	20.88	20.82	20.97	20.9		
15	64QAM	75	0	20.96	20.97	20.86	20.72	20.81		
15	256QAM	1	0	19.03	18.96	18.92	18.93	18.84	20.5	4.5
15	256QAM	1	37	19.01	18.98	19.02	18.91	18.98		
15	256QAM	1	74	18.91	18.95	18.83	18.80	18.86		
15	256QAM	36	0	18.92	18.99	18.88	18.90	18.90	20.5	4.5
15	256QAM	36	20	18.97	19.15	18.94	18.95	18.92		
15	256QAM	36	39	19.02	18.98	18.91	18.91	18.80		
15	256QAM	75	0	18.90	18.95	18.88	18.84	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.55	23.21	23.26	23.26	25	0
10	QPSK	1	25	23.26	23.26	23.24	23.3	23.17		
10	QPSK	1	49	23.38	23.26	23.26	23.2	23.19		
10	QPSK	25	0	22.8	22.96	22.76	22.77	22.75	24.5	0.5
10	QPSK	25	12	22.8	22.8	22.64	22.77	22.79		
10	QPSK	25	25	22.67	22.7	22.54	22.65	22.58		
10	QPSK	50	0	22.71	22.75	22.66	22.71	22.74		
10	16QAM	1	0	22.78	22.76	22.7	22.73	22.85	24.5	0.5
10	16QAM	1	25	22.62	22.57	22.58	22.51	22.54		
10	16QAM	1	49	22.72	22.76	22.73	22.7	22.72		
10	16QAM	25	0	20.96	20.98	20.76	20.85	20.84	23.5	1.5
10	16QAM	25	12	20.98	20.98	20.94	20.85	20.8		
10	16QAM	25	25	21.07	20.94	20.82	21	20.85		
10	16QAM	50	0	21.03	21.07	20.84	20.88	20.88		
10	64QAM	1	0	21.9	21.98	21.76	21.76	21.81	23.5	1.5
10	64QAM	1	25	21.79	21.7	21.77	21.7	21.61		
10	64QAM	1	49	21.54	21.58	21.56	21.53	21.51		
10	64QAM	25	0	20.86	20.93	20.8	20.86	20.84	22.5	2.5
10	64QAM	25	12	21.05	21.08	20.93	20.96	20.93		
10	64QAM	25	25	20.94	20.9	20.9	20.92	20.93		
10	64QAM	50	0	20.98	20.93	20.8	20.76	20.74		
10	256QAM	1	0	19.03	19.04	18.89	18.93	18.83	20.5	4.5
10	256QAM	1	25	19.00	19.05	18.97	18.96	18.96		
10	256QAM	1	49	18.90	18.88	18.85	18.87	18.76		
10	256QAM	25	0	18.94	19.00	18.83	18.93	18.83	20.5	4.5
10	256QAM	25	12	19.01	19.12	19.01	18.93	18.89		
10	256QAM	25	25	18.97	18.98	18.93	19.01	18.86		
10	256QAM	50	0	18.87	18.91	18.89	18.75	18.87		
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	23.33	23.46	23.23	23.31	23.18	25	0
5	QPSK	1	12	23.31	23.32	23.29	23.2	23.28		
5	QPSK	1	24	23.36	23.35	23.26	23.18	23.14		
5	QPSK	12	0	22.85	22.95	22.73	22.75	22.79	24.5	0.5
5	QPSK	12	7	22.81	22.88	22.72	22.67	22.69		
5	QPSK	12	13	22.73	22.71	22.56	22.7	22.56		
5	QPSK	25	0	22.69	22.77	22.71	22.69	22.77		
5	16QAM	1	0	22.82	22.87	22.67	22.67	22.75	24.5	0.5
5	16QAM	1	12	22.62	22.62	22.59	22.52	22.61		
5	16QAM	1	24	22.78	22.75	22.72	22.69	22.64		
5	16QAM	12	0	20.91	21.03	20.82	20.89	20.8	23.5	1.5
5	16QAM	12	7	21.06	21.05	20.95	20.89	20.84		
5	16QAM	12	13	21.11	20.93	20.89	21.02	20.9		
5	16QAM	25	0	21.13	21.06	20.87	20.92	20.97		
5	64QAM	1	0	21.86	21.89	21.75	21.81	21.76	23.5	1.5
5	64QAM	1	12	21.77	21.77	21.73	21.7	21.52		
5	64QAM	1	24	21.56	21.66	21.45	21.62	21.46		
5	64QAM	12	0	20.91	20.92	20.87	20.9	20.86	22.5	2.5
5	64QAM	12	7	21.08	21.08	20.92	20.99	20.84		
5	64QAM	12	13	20.95	20.99	20.87	20.94	20.91		
5	64QAM	25	0	20.95	20.98	20.79	20.69	20.84		
5	256QAM	1	0	18.99	18.99	18.96	18.90	18.87	20.5	4.5
5	256QAM	1	12	18.96	18.98	18.95	18.89	18.96		
5	256QAM	1	24	18.89	18.95	18.80	18.87	18.84		
5	256QAM	12	0	18.95	19.00	18.92	18.92	18.85	20.5	4.5
5	256QAM	12	7	19.01	19.15	18.93	18.87	18.88		
5	256QAM	12	13	19.04	18.91	18.88	18.93	18.85		
5	256QAM	25	0	18.96	18.94	18.92	18.82	18.85		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.13	22.4	22.09	22.38	23	0
20	QPSK	1	49	22.07	22.35	22.01	22.34		
20	QPSK	1	99	22.05	22.39	22	22.26		
20	QPSK	50	0	22.04	22.34	22.08	22.31	23	0
20	QPSK	50	24	22.04	22.34	22	22.25		
20	QPSK	50	50	22.03	22.28	21.95	22.25		
20	QPSK	100	0	22.01	22.36	22.06	22.32		
20	16QAM	1	0	22.07	22.38	22.06	22.3	23	0
20	16QAM	1	49	21.95	22.34	21.93	22.25		
20	16QAM	1	99	22.02	22.3	21.89	22.21		
20	16QAM	50	0	21.95	22.24	21.98	22.26	23	0
20	16QAM	50	24	21.96	22.25	21.99	22.13		
20	16QAM	50	50	21.95	22.27	21.86	22.15		
20	16QAM	100	0	21.89	22.25	22.03	22.29		
20	64QAM	1	0	22.09	22.39	22.01	22.26	23	0
20	64QAM	1	49	22.01	22.24	21.95	22.28		
20	64QAM	1	99	21.95	22.33	21.91	22.22		
20	64QAM	50	0	21.02	21.11	21.02	21.25	22	1
20	64QAM	50	24	20.92	21.13	20.93	21.15		
20	64QAM	50	50	20.94	21.1	20.92	21.22		
20	64QAM	100	0	20.96	21.16	21.01	21.23		
20	256QAM	1	0	19.05	19.39	18.94	18.94	20	3
20	256QAM	1	49	19.05	19.35	18.97	18.94		
20	256QAM	1	99	19.05	19.31	18.97	19.00		
20	256QAM	50	0	19.06	19.34	18.93	19.02	20	3
20	256QAM	50	24	19.12	19.31	18.99	19.10		
20	256QAM	50	50	19.07	19.36	19.05	19.05		
20	256QAM	100	0	19.11	19.33	19.08	19.08		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.08	22.01	22.02	22.03	23	0
15	QPSK	1	37	21.97	21.88	21.98	21.92		
15	QPSK	1	74	21.97	21.93	21.89	21.97		
15	QPSK	36	0	21.97	21.97	21.95	21.98	23	0
15	QPSK	36	20	21.92	21.89	21.88	21.92		
15	QPSK	36	39	21.88	21.86	21.85	21.87		
15	QPSK	75	0	22.03	21.93	22.02	21.97		
15	16QAM	1	0	21.94	21.96	22.04	22.05	23	0
15	16QAM	1	37	21.86	21.8	21.83	21.87		
15	16QAM	1	74	21.8	21.82	21.84	21.81		
15	16QAM	36	0	21.88	21.93	21.91	21.96	23	0
15	16QAM	36	20	21.93	21.89	21.9	21.97		
15	16QAM	36	39	21.73	21.82	21.79	21.77		
15	16QAM	75	0	21.94	21.96	21.95	22.01		
15	64QAM	1	0	22	21.88	22	21.9	23	0
15	64QAM	1	37	21.85	21.91	21.9	21.82		
15	64QAM	1	74	21.8	21.88	21.81	21.82		
15	64QAM	36	0	20.95	20.99	20.92	20.97	22	1
15	64QAM	36	20	20.83	20.89	20.91	20.85		
15	64QAM	36	39	20.9	20.9	20.83	20.82		
15	64QAM	75	0	20.97	20.99	20.92	20.91		
15	256QAM	1	0	18.85	18.91	18.79	18.83	20	3
15	256QAM	1	37	18.96	18.79	18.81	18.79		
15	256QAM	1	74	18.80	18.93	18.77	18.77		
15	256QAM	36	0	18.90	18.83	18.73	18.86	20	3
15	256QAM	36	20	18.97	18.89	18.95	18.81		
15	256QAM	36	39	19.04	18.96	18.95	18.92		
15	256QAM	75	0	19.07	19.03	18.89	19.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	21.96	21.98	22	23	0
10	QPSK	1	25	21.99	21.9	21.95	21.97		
10	QPSK	1	49	21.89	21.94	21.93	21.9		
10	QPSK	25	0	21.97	21.95	22.07	22.03	23	0
10	QPSK	25	12	21.9	21.92	21.89	21.9		
10	QPSK	25	25	21.85	21.91	21.86	21.92		
10	QPSK	50	0	22.03	22	22.03	22.01		
10	16QAM	1	0	22.01	22.03	22.05	21.94	23	0
10	16QAM	1	25	21.8	21.89	21.81	21.8		
10	16QAM	1	49	21.87	21.77	21.77	21.84		
10	16QAM	25	0	21.88	21.96	21.94	21.97	23	0
10	16QAM	25	12	21.96	21.95	21.87	21.88		
10	16QAM	25	25	21.78	21.73	21.76	21.79		
10	16QAM	50	0	21.9	21.95	21.95	21.92		
10	64QAM	1	0	21.95	21.87	21.95	22	23	0
10	64QAM	1	25	21.93	21.87	21.89	21.83		
10	64QAM	1	49	21.89	21.78	21.77	21.9		
10	64QAM	25	0	20.94	20.96	20.98	20.96	22	1
10	64QAM	25	12	20.87	20.83	20.85	20.86		
10	64QAM	25	25	20.83	20.82	20.88	20.83		
10	64QAM	50	0	20.93	20.94	20.93	20.97		
10	256QAM	1	0	18.77	18.86	18.78	18.84	20	3
10	256QAM	1	25	18.84	18.81	18.94	18.83		
10	256QAM	1	49	18.78	18.91	18.83	18.88		
10	256QAM	25	0	18.81	18.76	18.91	18.75	20	3
10	256QAM	25	12	18.81	18.89	18.93	18.80		
10	256QAM	25	25	18.96	18.91	18.95	19.04		
10	256QAM	50	0	18.96	19.05	18.96	18.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	21.99	22.04	22.07	22.04	23	0
5	QPSK	1	12	21.94	21.94	21.99	21.99		
5	QPSK	1	24	21.94	21.88	21.96	21.9		
5	QPSK	12	0	21.95	21.97	21.97	21.98	23	0
5	QPSK	12	7	21.96	21.94	21.88	21.9		
5	QPSK	12	13	21.91	21.91	21.85	21.9		
5	QPSK	25	0	22.03	21.99	21.98	22.04		
5	16QAM	1	0	22.05	21.94	22.01	21.99	23	0
5	16QAM	1	12	21.84	21.81	21.83	21.83		
5	16QAM	1	24	21.78	21.79	21.87	21.76		
5	16QAM	12	0	21.88	21.94	21.85	21.97	23	0
5	16QAM	12	7	21.92	21.91	21.88	21.87		
5	16QAM	12	13	21.74	21.74	21.85	21.78		
5	16QAM	25	0	21.93	21.91	21.94	21.92		
5	64QAM	1	0	21.96	21.89	21.87	21.91	23	0
5	64QAM	1	12	21.88	21.84	21.91	21.91		
5	64QAM	1	24	21.76	21.81	21.76	21.84		
5	64QAM	12	0	20.98	20.95	21.01	20.94	22	1
5	64QAM	12	7	20.86	20.83	20.85	20.86		
5	64QAM	12	13	20.91	20.89	20.84	20.85		
5	64QAM	25	0	20.92	20.92	20.93	20.93		
5	256QAM	1	0	18.86	18.89	18.93	18.75	20	3
5	256QAM	1	12	18.81	18.82	18.81	18.86		
5	256QAM	1	24	18.79	18.81	18.91	18.91		
5	256QAM	12	0	18.81	18.75	18.82	18.87	20	3
5	256QAM	12	7	18.91	18.88	18.92	18.89		
5	256QAM	12	13	18.94	18.95	18.86	18.93		
5	256QAM	25	0	19.05	19.03	19.02	19.03		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.96	24.09	23.94	24.07	25	0
20	QPSK	1	49	23.95	24.07	23.89	24.01		
20	QPSK	1	99	23.88	24.02	23.84	23.96		
20	QPSK	50	0	23.07	23.23	23.03	23.18	24	1
20	QPSK	50	24	23.02	23.19	22.93	23.12		
20	QPSK	50	50	23.01	23.18	22.91	23.08		
20	QPSK	100	0	23.05	23.16	22.94	23.03		
20	16QAM	1	0	22.94	23.25	22.91	22.93	24	1
20	16QAM	1	49	23.06	23.34	23.07	22.99		
20	16QAM	1	99	23.05	23.11	22.95	23.04		
20	16QAM	50	0	22.02	22.23	21.94	21.95	23	2
20	16QAM	50	24	22.07	22.18	21.9	22.02		
20	16QAM	50	50	22.03	21.92	22.03	22.11		
20	16QAM	100	0	22.05	22.16	21.92	22.01		
20	64QAM	1	0	21.95	22.14	21.82	21.85	23	2
20	64QAM	1	49	21.98	22.18	21.89	21.99		
20	64QAM	1	99	21.96	22.11	21.88	21.94		
20	64QAM	50	0	21.01	21.22	20.91	20.96	22	3
20	64QAM	50	24	21.09	21.17	20.94	20.98		
20	64QAM	50	50	21.02	21.18	21.03	21.11		
20	64QAM	100	0	21.07	21.16	20.93	21.01		
20	256QAM	1	0	18.92	19.05	19.02	18.88	20	5
20	256QAM	1	49	18.92	19.03	19.00	18.85		
20	256QAM	1	99	18.91	19.01	19.08	18.82		
20	256QAM	50	0	18.88	19.08	19.06	18.82	20	5
20	256QAM	50	24	18.95	19.04	19.00	18.87		
20	256QAM	50	50	18.92	19.08	19.04	18.88		
20	256QAM	100	0	18.89	19.05	19.05	18.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.83	23.98	23.88	24	25	0
15	QPSK	1	37	23.81	23.98	23.76	23.95		
15	QPSK	1	74	23.79	23.88	23.72	23.8		
15	QPSK	36	0	22.92	23.1	22.89	23.05	24	1
15	QPSK	36	20	22.97	23.1	22.88	23.02		
15	QPSK	36	39	22.85	23.02	22.76	22.96		
15	QPSK	75	0	23	23.09	22.88	22.96		
15	16QAM	1	0	22.88	23.19	22.8	22.85	24	1
15	16QAM	1	37	23.01	23.29	22.92	22.83		
15	16QAM	1	74	22.96	22.96	22.81	22.93		
15	16QAM	36	0	21.9	22.07	21.81	21.9	23	2
15	16QAM	36	20	21.92	22.08	21.76	21.97		
15	16QAM	36	39	21.9	21.86	21.87	22.02		
15	16QAM	75	0	21.92	22.09	21.77	21.94		
15	64QAM	1	0	21.86	21.98	21.68	21.7	23	2
15	64QAM	1	37	21.85	22.03	21.74	21.83		
15	64QAM	1	74	21.91	22.06	21.81	21.84		
15	64QAM	36	0	20.85	21.16	20.85	20.86	22	3
15	64QAM	36	20	21.03	21.08	20.88	20.92		
15	64QAM	36	39	20.89	21.1	20.91	20.98		
15	64QAM	75	0	20.96	21.07	20.82	20.95		
15	256QAM	1	0	18.79	18.82	18.79	18.88	20	5
15	256QAM	1	37	18.90	18.89	18.84	18.86		
15	256QAM	1	74	18.84	18.85	18.81	18.88		
15	256QAM	36	0	18.82	18.75	18.76	18.85	20	5
15	256QAM	36	20	18.84	18.88	18.91	18.92		
15	256QAM	36	39	18.87	18.86	18.82	18.84		
15	256QAM	75	0	18.82	18.76	18.81	18.85		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.85	24.04	23.81	23.98	25	0
10	QPSK	1	25	23.85	23.91	23.82	23.93		
10	QPSK	1	49	23.78	23.97	23.69	23.81		
10	QPSK	25	0	22.94	23.08	22.94	23.03	24	1
10	QPSK	25	12	22.88	23.07	22.85	23.05		
10	QPSK	25	25	22.96	23.02	22.85	22.98		
10	QPSK	50	0	22.93	23.03	22.78	22.88		
10	16QAM	1	0	22.81	23.14	22.83	22.83	24	1
10	16QAM	1	25	22.93	23.18	22.91	22.83		
10	16QAM	1	49	22.91	23.04	22.88	22.93		
10	16QAM	25	0	21.95	22.14	21.83	21.89	23	2
10	16QAM	25	12	21.99	22.09	21.82	21.9		
10	16QAM	25	25	21.89	21.87	21.96	22.01		
10	16QAM	50	0	21.97	22.09	21.83	21.85		
10	64QAM	1	0	21.84	22.03	21.66	21.77	23	2
10	64QAM	1	25	21.89	22.09	21.75	21.93		
10	64QAM	1	49	21.84	22.05	21.75	21.78		
10	64QAM	25	0	20.89	21.06	20.8	20.84	22	3
10	64QAM	25	12	21	21.05	20.82	20.84		
10	64QAM	25	25	20.92	21.06	20.87	21.05		
10	64QAM	50	0	20.92	21.11	20.78	20.9		
10	256QAM	1	0	18.85	18.91	18.83	18.81	20	5
10	256QAM	1	25	18.79	18.89	18.86	18.91		
10	256QAM	1	49	18.84	18.79	18.82	18.88		
10	256QAM	25	0	18.76	18.83	18.83	18.80	20	5
10	256QAM	25	12	18.92	18.84	18.88	18.92		
10	256QAM	25	25	18.84	18.86	18.88	18.84		
10	256QAM	50	0	18.80	18.86	18.80	18.76		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	23.89	24.03	23.8	23.98	25	0
5	QPSK	1	12	23.83	23.95	23.73	23.91		
5	QPSK	1	24	23.74	23.86	23.73	23.82		
5	QPSK	12	0	22.95	23.14	22.91	23.11	24	1
5	QPSK	12	7	22.94	23.08	22.79	22.99		
5	QPSK	12	13	22.93	23.02	22.79	22.94		
5	QPSK	25	0	22.99	23.05	22.87	22.95		
5	16QAM	1	0	22.79	23.19	22.77	22.77	24	1
5	16QAM	1	12	22.99	23.25	22.95	22.93		
5	16QAM	1	24	22.95	23.02	22.88	22.9		
5	16QAM	12	0	21.96	22.15	21.81	21.89	23	2
5	16QAM	12	7	21.96	22.03	21.85	21.87		
5	16QAM	12	13	21.97	21.86	21.97	21.98		
5	16QAM	25	0	21.89	22.07	21.84	21.85		
5	64QAM	1	0	21.84	22.09	21.7	21.72	23	2
5	64QAM	1	12	21.82	22.02	21.79	21.88		
5	64QAM	1	24	21.91	22.06	21.77	21.88		
5	64QAM	12	0	20.94	21.06	20.83	20.88	22	3
5	64QAM	12	7	21.02	21.02	20.85	20.82		
5	64QAM	12	13	20.86	21.07	20.9	21.02		
5	64QAM	25	0	20.93	21.03	20.86	20.94		
5	256QAM	1	0	18.87	18.87	18.80	18.87	20	5
5	256QAM	1	12	18.80	18.80	18.87	18.90		
5	256QAM	1	24	18.89	18.89	18.80	18.90		
5	256QAM	12	0	18.79	18.78	18.82	18.75	20	5
5	256QAM	12	7	18.88	18.94	18.93	18.82		
5	256QAM	12	13	18.81	18.79	18.82	18.90		
5	256QAM	25	0	18.83	18.80	18.86	18.84		

Reduced Power for DSI6/11

GSM850_ANT 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.65	33.46	33.26	**34.00**	24.65	24.46	24.26	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.62	33.43	33.24	**34.00**	24.62	24.43	24.24	25.00
GPRS/EDGE(GMSK) 2 Tx slots		30.49	30.68	30.70	**31.00**	24.49	24.68	24.70	25.00
GPRS/EDGE(GMSK) 3 Tx slots		28.28	28.31	28.02	**29.20**	24.02	24.05	23.76	24.94
GPRS/EDGE(GMSK) 4 Tx slots		27.03	27.08	27.01	**28.00**	24.03	24.08	24.01	25.00
EDGE 1 Tx slot		27.15	27.12	26.91	**28.00**	18.15	18.12	17.91	19.00
EDGE 2 Tx slots		25.05	25.01	24.81	**25.20**	19.05	19.01	18.81	19.20
EDGE 3 Tx slots		23.83	23.71	23.59	**24.00**	19.57	19.45	19.33	19.74
EDGE 4 Tx slots		23.07	23.14	23.03	**23.50**	20.07	20.14	20.03	20.50
DTM Multi-slot class 5	GSM 1 Tx slot	30.32	30.66	30.56	**31.00**	24.35	24.63	24.54	24.98
	GPRS 1 Tx slot	30.43	30.65	30.56	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.36	30.61	30.64	**31.00**	24.37	24.55	24.62	24.98
	GPRS 1 Tx slot	30.43	30.53	30.65	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.28	28.29	28.07	**29.20**	23.99	24.02	23.80	24.94
	GPRS 2 Tx slots	28.23	28.27	28.06	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	30.54	30.67	30.64	**31.00**	22.51	22.61	22.54	22.98
	EDGE 1 Tx slot	24.68	24.67	24.44	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	30.48	30.64	30.76	**31.00**	22.47	22.58	22.66	22.98
	EDGE 1 Tx slot	24.73	24.64	24.56	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	28.24	28.30	28.02	**29.20**	21.48	21.47	21.24	22.22
	EDGE 2 Tx slots	23.61	23.48	23.34	**24.00**				

GSM1900_ANT 2	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	30.64	30.34	30.27	**31.00**	21.64	21.34	21.27	22.00
GPRS/EDGE(GMSK) 1 Tx slot	30.61	30.33	30.19	**31.00**	21.61	21.33	21.19	22.00
GPRS/EDGE(GMSK) 2 Tx slots	27.41	27.33	27.10	**28.00**	21.41	21.33	21.10	22.00
GPRS/EDGE(GMSK) 3 Tx slots	25.87	25.47	25.44	**26.20**	21.61	21.21	21.18	21.94
GPRS/EDGE(GMSK) 4 Tx slots	24.75	24.83	24.57	**25.00**	21.75	21.83	21.57	22.00
EDGE 1 Tx slot	26.24	26.03	26.05	**26.50**	17.24	17.03	17.05	17.50
EDGE 2 Tx slots	23.50	23.46	23.41	**25.20**	17.50	17.46	17.41	19.20
EDGE 3 Tx slots	21.47	21.38	21.26	**23.00**	17.21	17.12	17.00	18.74
EDGE 4 Tx slots	20.35	20.17	20.17	**22.00**	17.35	17.17	17.17	19.00
DTM Multi-slot class 5	GSM 1 Tx slot	27.27	27.27	27.08	**28.00**	21.29	21.28	21.06	21.98
	GPRS 1 Tx slot	27.35	27.34	27.08	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.34	27.16	27.07	**28.00**	21.36	21.19	21.00	21.98
	GPRS 1 Tx slot	27.42	27.26	26.97	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.90	25.43	25.56	**26.20**	21.61	21.23	21.21	21.94
	GPRS 2 Tx slots	25.85	25.52	25.43	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.50	27.27	27.07	**28.00**	19.84	19.68	19.53	20.80
	EDGE 1 Tx slot	23.21	23.22	23.20	**25.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.42	27.33	27.20	**28.00**	19.80	19.73	19.62	20.80
	EDGE 1 Tx slot	23.26	23.25	23.20	**25.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.84	25.44	25.46	**26.20**	19.02	18.78	18.80	20.09
	EDGE 2 Tx slots	21.04	21.03	21.05	**23.00**				

Band		WCDMA II_ANT 2			Tune-up Limit (dBm)	WCDMA IV_ANT 2			Tune-up Limit (dBm)	WCDMA V_ANT 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.34	21.35	21.32	**22.00**	21.04	21.06	20.54	**21.50**	23.97	24.02	23.96	**25.00**
3GPP Rel 99	RMC 12.2Kbps	21.36	21.45	21.42	**22.00**	20.98	21.11	20.99	**21.50**	23.98	24.03	23.97	**25.00**
3GPP Rel 6	HSDPA Subtest-1	20.61	20.61	20.53	**21.00**	20.34	20.33	20.14	**20.50**	22.92	22.97	22.89	**24.00**
3GPP Rel 6	HSDPA Subtest-2	20.63	20.59	20.60	**21.00**	20.16	20.25	20.25	**20.50**	22.93	22.92	22.87	**24.00**
3GPP Rel 6	HSDPA Subtest-3	20.03	20.12	19.95	**20.50**	19.78	19.84	19.61	**20.00**	22.38	22.41	22.36	**23.50**
3GPP Rel 6	HSDPA Subtest-4	20.03	20.07	19.98	**20.50**	19.71	19.72	19.70	**20.00**	22.38	22.42	22.33	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.37	20.46	**21.00**	20.21	20.22	20.08	**20.50**	22.84	22.82	22.76	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-2	20.39	20.31	20.51	**21.00**	20.09	20.28	19.98	**20.50**	22.79	22.84	22.82	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-3	19.94	20.06	19.82	**20.50**	19.68	19.62	19.55	**20.00**	22.26	22.29	22.30	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-4	19.84	19.93	19.91	**20.50**	19.61	19.73	19.52	**20.00**	22.26	22.31	22.17	**23.50**
3GPP Rel 6	HSUPA Subtest-1	20.54	20.63	20.51	**21.00**	20.29	20.27	20.24	**20.50**	22.82	22.91	22.87	**24.00**
3GPP Rel 6	HSUPA Subtest-2	18.49	18.64	18.69	**19.00**	16.31	16.40	16.12	**16.50**	20.86	20.94	20.81	**22.00**
3GPP Rel 6	HSUPA Subtest-3	19.56	19.52	19.63	**20.00**	17.28	17.45	17.21	**17.50**	21.85	21.96	21.80	**23.00**
3GPP Rel 6	HSUPA Subtest-4	18.61	18.66	18.53	**19.00**	16.19	16.33	16.26	**16.50**	20.84	20.95	20.89	**22.00**
3GPP Rel 6	HSUPA Subtest-5	20.70	20.60	20.44	**21.00**	20.39	20.23	20.17	**20.50**	22.90	22.70	22.90	**24.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.01	17.20	16.98	**18.00**	16.99	16.98	16.60	**17.50**	20.10	20.30	20.20	**22.00**

Band 2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.11	20.22	20.07	21.5	0
20	QPSK	1	49	20.07	20.12	20.01		
20	QPSK	1	99	20.03	20.09	19.97		
20	QPSK	50	0	19.97	20.08	20.01	21.5	0
20	QPSK	50	24	19.91	20.06	19.99		
20	QPSK	50	50	19.84	20.01	19.85		
20	QPSK	100	0	19.87	20.03	19.93		
20	16QAM	1	0	20.07	20.06	19.99	21.5	0
20	16QAM	1	49	19.97	20.07	19.93		
20	16QAM	1	99	19.96	20.06	19.9		
20	16QAM	50	0	19.95	20.02	19.92	21.5	0
20	16QAM	50	24	19.82	19.94	19.87		
20	16QAM	50	50	19.79	20	19.8		
20	16QAM	100	0	19.8	19.97	19.84		
20	64QAM	1	0	20.1	20.02	19.95	21.5	0
20	64QAM	1	49	19.95	20.06	19.97		
20	64QAM	1	99	19.93	20.04	19.95		
20	64QAM	50	0	19.8	19.94	19.89	21.5	0
20	64QAM	50	24	19.72	19.93	19.85		
20	64QAM	50	50	19.71	19.8	19.69		
20	64QAM	100	0	19.68	19.88	19.73		
20	256QAM	1	0	19.08	19.18	19.06	20	1.5
20	256QAM	1	49	19.03	19.21	19.05		
20	256QAM	1	99	19.09	19.15	19.04		
20	256QAM	50	0	19.10	19.19	19.03	20	1.5
20	256QAM	50	24	19.07	19.14	19.04		
20	256QAM	50	50	19.03	19.18	19.01		
20	256QAM	100	0	19.06	19.21	19.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.02	20.06	19.99	21.5	0
15	QPSK	1	37	19.95	20.04	20.05		
15	QPSK	1	74	19.9	19.94	20.02		
15	QPSK	36	0	19.94	19.89	19.93	21.5	0
15	QPSK	36	20	19.89	19.82	19.83		
15	QPSK	36	39	19.83	19.8	19.83		
15	QPSK	75	0	19.82	19.84	19.76		
15	16QAM	1	0	19.95	19.97	19.97	21.5	0
15	16QAM	1	37	19.96	19.94	19.93		
15	16QAM	1	74	19.87	19.92	19.84		
15	16QAM	36	0	19.82	19.82	19.93	21.5	0
15	16QAM	36	20	19.7	19.73	19.71		
15	16QAM	36	39	19.68	19.71	19.77		
15	16QAM	75	0	19.79	19.79	19.72		
15	64QAM	1	0	19.98	20.07	20.06	21.5	0
15	64QAM	1	37	19.82	19.89	19.81		
15	64QAM	1	74	19.85	19.86	19.81		
15	64QAM	36	0	19.73	19.77	19.78	21.5	0
15	64QAM	36	20	19.7	19.66	19.65		
15	64QAM	36	39	19.68	19.66	19.69		
15	64QAM	75	0	19.65	19.66	19.65		
15	256QAM	1	0	18.95	18.93	19.06	20	1.5
15	256QAM	1	37	18.98	18.90	19.01		
15	256QAM	1	74	19.04	19.00	19.00		
15	256QAM	36	0	19.07	18.95	19.05	20	1.5
15	256QAM	36	20	18.90	19.03	19.06		
15	256QAM	36	39	18.89	18.98	19.00		
15	256QAM	75	0	19.03	18.97	18.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.1	20.09	20.06	21.5	0
10	QPSK	1	25	19.99	19.98	19.96		
10	QPSK	1	49	19.93	19.95	19.97		
10	QPSK	25	0	19.92	19.87	19.9	21.5	0
10	QPSK	25	12	19.84	19.87	19.81		
10	QPSK	25	25	19.76	19.75	19.76		
10	QPSK	50	0	19.82	19.85	19.75		
10	16QAM	1	0	20.05	20.02	19.98	21.5	0
10	16QAM	1	25	19.94	19.94	19.85		
10	16QAM	1	49	19.92	19.83	19.9		
10	16QAM	25	0	19.86	19.84	19.83	21.5	0
10	16QAM	25	12	19.81	19.77	19.74		
10	16QAM	25	25	19.76	19.76	19.77		
10	16QAM	50	0	19.7	19.77	19.74		
10	64QAM	1	0	20.03	19.96	19.96	21.5	0
10	64QAM	1	25	19.94	19.94	19.91		
10	64QAM	1	49	19.82	19.78	19.8		
10	64QAM	25	0	19.71	19.7	19.79	21.5	0
10	64QAM	25	12	19.66	19.62	19.71		
10	64QAM	25	25	19.63	19.66	19.63		
10	64QAM	50	0	19.65	19.65	19.59		
10	256QAM	1	0	18.88	19.00	18.92	20	1.5
10	256QAM	1	25	18.98	18.96	18.83		
10	256QAM	1	49	18.93	19.08	18.92		
10	256QAM	25	0	18.93	19.02	19.06	20	1.5
10	256QAM	25	12	18.98	19.01	19.03		
10	256QAM	25	25	18.96	19.02	18.92		
10	256QAM	50	0	19.00	19.04	18.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.08	20.02	19.98	21.5	0
5	QPSK	1	12	20.03	20.03	19.98		
5	QPSK	1	24	20.02	20.01	19.91		
5	QPSK	12	0	19.95	19.91	19.89	21.5	0
5	QPSK	12	7	19.85	19.79	19.8		
5	QPSK	12	13	19.74	19.81	19.75		
5	QPSK	25	0	19.85	19.82	19.76		
5	16QAM	1	0	19.99	19.96	19.97	21.5	0
5	16QAM	1	12	19.87	19.94	19.85		
5	16QAM	1	24	19.83	19.88	19.84		
5	16QAM	12	0	19.84	19.85	19.91	21.5	0
5	16QAM	12	7	19.72	19.81	19.72		
5	16QAM	12	13	19.68	19.7	19.77		
5	16QAM	25	0	19.73	19.77	19.77		
5	64QAM	1	0	20.07	19.95	20.02	21.5	0
5	64QAM	1	12	19.84	19.8	19.86		
5	64QAM	1	24	19.92	19.81	19.86		
5	64QAM	12	0	19.7	19.72	19.76	21.5	0
5	64QAM	12	7	19.66	19.7	19.71		
5	64QAM	12	13	19.63	19.68	19.66		
5	64QAM	25	0	19.64	19.62	19.58		
5	256QAM	1	0	19.07	19.05	18.93	20	1.5
5	256QAM	1	12	18.87	18.98	19.00		
5	256QAM	1	24	19.08	18.93	19.04		
5	256QAM	12	0	18.95	18.91	18.99	20	1.5
5	256QAM	12	7	18.99	19.06	18.96		
5	256QAM	12	13	18.95	18.96	18.92		
5	256QAM	25	0	18.99	18.87	19.05		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.08	20.1	20	21.5	0
3	QPSK	1	8	20.04	19.97	20.04		
3	QPSK	1	14	19.91	20	19.97		
3	QPSK	8	0	19.84	19.94	19.87	21.5	0
3	QPSK	8	4	19.86	19.88	19.9		
3	QPSK	8	7	19.76	19.77	19.83		
3	QPSK	15	0	19.78	19.77	19.75		
3	16QAM	1	0	20.04	20.02	20	21.5	0
3	16QAM	1	8	19.93	19.96	19.85		
3	16QAM	1	14	19.88	19.86	19.86		
3	16QAM	8	0	19.86	19.87	19.85	21.5	0
3	16QAM	8	4	19.71	19.72	19.78		
3	16QAM	8	7	19.69	19.66	19.76		
3	16QAM	15	0	19.76	19.67	19.76		
3	64QAM	1	0	20.07	20.02	20.04	21.5	0
3	64QAM	1	8	19.94	19.88	19.84		
3	64QAM	1	14	19.81	19.8	19.78		
3	64QAM	8	0	19.79	19.74	19.74	21.5	0
3	64QAM	8	4	19.63	19.67	19.62		
3	64QAM	8	7	19.62	19.63	19.7		
3	64QAM	15	0	19.65	19.63	19.63		
3	256QAM	1	0	18.90	18.98	18.91	20	1.5
3	256QAM	1	8	18.90	18.97	18.96		
3	256QAM	1	14	18.98	18.90	18.93		
3	256QAM	8	0	19.07	19.04	19.00	20	1.5
3	256QAM	8	4	18.87	18.89	19.02		
3	256QAM	8	7	18.98	18.96	18.97		
3	256QAM	15	0	18.93	18.86	18.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.99	20.01	20.08	21.5	0
1.4	QPSK	1	3	20.02	19.98	19.99		
1.4	QPSK	1	5	19.94	19.96	20.02		
1.4	QPSK	3	0	19.92	19.87	19.88		
1.4	QPSK	3	1	19.9	19.89	19.82		
1.4	QPSK	3	3	19.82	19.71	19.71		
1.4	QPSK	6	0	19.85	19.85	19.75	21.5	0
1.4	16QAM	1	0	19.95	20.06	19.95	21.5	0
1.4	16QAM	1	3	19.92	19.88	19.86		
1.4	16QAM	1	5	19.88	19.87	19.83		
1.4	16QAM	3	0	19.86	19.92	19.85		
1.4	16QAM	3	1	19.8	19.76	19.8		
1.4	16QAM	3	3	19.69	19.7	19.78		
1.4	16QAM	6	0	19.79	19.76	19.67	21.5	0
1.4	64QAM	1	0	20.06	20.02	20.07	21.5	0
1.4	64QAM	1	3	19.83	19.9	19.87		
1.4	64QAM	1	5	19.92	19.83	19.8		
1.4	64QAM	3	0	19.54	19.58	19.59		
1.4	64QAM	3	1	19.71	19.67	19.71		
1.4	64QAM	3	3	19.61	19.61	19.67		
1.4	64QAM	6	0	19.62	19.67	19.67	21.5	0
1.4	256QAM	1	0	18.90	18.94	18.97	20	1.5
1.4	256QAM	1	3	18.97	18.90	18.99		
1.4	256QAM	1	5	19.05	18.94	19.07		
1.4	256QAM	3	0	18.98	19.06	18.93		
1.4	256QAM	3	1	18.91	19.01	18.87		
1.4	256QAM	3	3	18.98	18.85	18.97		
1.4	256QAM	6	0	18.93	18.86	18.89	20	1.5

Band 4_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.21	21.26	21.23	22.5	0
20	QPSK	1	49	21.17	21.21	21.24		
20	QPSK	1	99	21.21	21.25	21.22		
20	QPSK	50	0	21.14	21.21	21.19	22.5	0
20	QPSK	50	24	21.02	21.12	21.19		
20	QPSK	50	50	21.02	21.2	21.19		
20	QPSK	100	0	21.04	21.12	21.07		
20	16QAM	1	0	21.03	21.12	21.14	22.5	0
20	16QAM	1	49	21.08	21.13	21.05		
20	16QAM	1	99	20.95	21.11	21.18		
20	16QAM	50	0	21.03	21.11	21.01	22.5	0
20	16QAM	50	24	21.05	21.15	21.17		
20	16QAM	50	50	21.01	21.12	21.03		
20	16QAM	100	0	21.13	21.19	21.1		
20	64QAM	1	0	21.01	21.06	21.19	22.5	0
20	64QAM	1	49	21.03	21.17	21.06		
20	64QAM	1	99	21.09	21.13	21.01		
20	64QAM	50	0	20.46	20.55	20.65	22	0.5
20	64QAM	50	24	20.58	20.59	20.51		
20	64QAM	50	50	20.46	20.55	20.66		
20	64QAM	100	0	20.51	20.62	20.52		
20	256QAM	1	0	18.54	18.67	18.58	20	2.5
20	256QAM	1	49	18.57	18.65	18.58		
20	256QAM	1	99	18.62	18.64	18.52		
20	256QAM	50	0	18.73	18.74	18.69	20	2.5
20	256QAM	50	24	18.69	18.70	18.66		
20	256QAM	50	50	18.68	18.72	18.61		
20	256QAM	100	0	18.69	18.73	18.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.97	20.97	20.86	22.5	0
15	QPSK	1	37	20.85	20.9	20.91		
15	QPSK	1	74	20.85	20.85	20.93		
15	QPSK	36	0	20.9	20.82	20.92	22.5	0
15	QPSK	36	20	20.8	20.73	20.78		
15	QPSK	36	39	20.86	20.85	20.84		
15	QPSK	75	0	20.74	20.81	20.8		
15	16QAM	1	0	20.74	20.81	20.78	22.5	0
15	16QAM	1	37	20.8	20.8	20.8		
15	16QAM	1	74	20.75	20.8	20.83		
15	16QAM	36	0	20.76	20.74	20.79	22.5	0
15	16QAM	36	20	20.83	20.83	20.8		
15	16QAM	36	39	20.8	20.77	20.84		
15	16QAM	75	0	20.87	20.83	20.87		
15	64QAM	1	0	20.64	20.74	20.74	22.5	0
15	64QAM	1	37	20.75	20.83	20.83		
15	64QAM	1	74	20.74	20.75	20.72		
15	64QAM	36	0	20.2	20.2	20.23	22	0.5
15	64QAM	36	20	20.23	20.27	20.27		
15	64QAM	36	39	20.22	20.19	20.25		
15	64QAM	75	0	20.33	20.28	20.3		
15	256QAM	1	0	18.24	18.39	18.34	20	2.5
15	256QAM	1	37	18.36	18.26	18.30		
15	256QAM	1	74	18.36	18.27	18.26		
15	256QAM	36	0	18.35	18.38	18.43	20	2.5
15	256QAM	36	20	18.33	18.27	18.42		
15	256QAM	36	39	18.38	18.43	18.41		
15	256QAM	75	0	18.34	18.44	18.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.92	20.93	20.95	22.5	0
10	QPSK	1	25	20.81	20.93	20.87		
10	QPSK	1	49	20.9	20.87	20.96		
10	QPSK	25	0	20.86	20.92	20.84	22.5	0
10	QPSK	25	12	20.72	20.81	20.75		
10	QPSK	25	25	20.86	20.87	20.84		
10	QPSK	50	0	20.72	20.79	20.77		
10	16QAM	1	0	20.78	20.8	20.82	22.5	0
10	16QAM	1	25	20.83	20.84	20.79		
10	16QAM	1	49	20.83	20.71	20.71		
10	16QAM	25	0	20.73	20.74	20.74	22.5	0
10	16QAM	25	12	20.86	20.84	20.86		
10	16QAM	25	25	20.83	20.76	20.8		
10	16QAM	50	0	20.8	20.81	20.8		
10	64QAM	1	0	20.71	20.66	20.78	22.5	0
10	64QAM	1	25	20.77	20.75	20.77		
10	64QAM	1	49	20.83	20.82	20.76		
10	64QAM	25	0	20.27	20.27	20.21	22	0.5
10	64QAM	25	12	20.3	20.25	20.22		
10	64QAM	25	25	20.23	20.26	20.22		
10	64QAM	50	0	20.26	20.25	20.28		
10	256QAM	1	0	18.21	18.29	18.27	20	2.5
10	256QAM	1	25	18.18	18.31	18.31		
10	256QAM	1	49	18.30	18.22	18.31		
10	256QAM	25	0	18.32	18.43	18.40	20	2.5
10	256QAM	25	12	18.23	18.31	18.36		
10	256QAM	25	25	18.27	18.40	18.32		
10	256QAM	50	0	18.31	18.44	18.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.97	20.88	20.95	22.5	0
5	QPSK	1	12	20.9	20.91	20.89		
5	QPSK	1	24	20.91	20.94	20.86		
5	QPSK	12	0	20.89	20.82	20.89	22.5	0
5	QPSK	12	7	20.77	20.76	20.75		
5	QPSK	12	13	20.85	20.84	20.88		
5	QPSK	25	0	20.77	20.75	20.79		
5	16QAM	1	0	20.81	20.81	20.78	22.5	0
5	16QAM	1	12	20.83	20.84	20.83		
5	16QAM	1	24	20.81	20.79	20.8		
5	16QAM	12	0	20.76	20.8	20.77	22.5	0
5	16QAM	12	7	20.82	20.86	20.81		
5	16QAM	12	13	20.73	20.75	20.79		
5	16QAM	25	0	20.83	20.87	20.91		
5	64QAM	1	0	20.64	20.7	20.67	22.5	0
5	64QAM	1	12	20.84	20.87	20.87		
5	64QAM	1	24	20.85	20.84	20.75		
5	64QAM	12	0	20.2	20.27	20.27	22	0.5
5	64QAM	12	7	20.23	20.28	20.27		
5	64QAM	12	13	20.23	20.23	20.26		
5	64QAM	25	0	20.3	20.27	20.33		
5	256QAM	1	0	18.35	18.30	18.29	20	2.5
5	256QAM	1	12	18.34	18.29	18.37		
5	256QAM	1	24	18.28	18.31	18.30		
5	256QAM	12	0	18.38	18.35	18.33	20	2.5
5	256QAM	12	7	18.38	18.34	18.26		
5	256QAM	12	13	18.26	18.31	18.31		
5	256QAM	25	0	18.33	18.26	18.38		
Channel				19963.9	20173.9	20383.9	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.4	1732.4	1753.4		
3	QPSK	1	0	20.91	20.97	20.98	22.5	0
3	QPSK	1	8	20.93	20.89	20.93		
3	QPSK	1	14	20.85	20.94	20.85		
3	QPSK	8	0	20.88	20.88	20.92	22.5	0
3	QPSK	8	4	20.83	20.84	20.76		
3	QPSK	8	7	20.8	20.82	20.86		
3	QPSK	15	0	20.82	20.72	20.81		
3	16QAM	1	0	20.79	20.79	20.8	22.5	0
3	16QAM	1	8	20.74	20.84	20.82		
3	16QAM	1	14	20.73	20.72	20.78		
3	16QAM	8	0	20.78	20.76	20.72	22.5	0
3	16QAM	8	4	20.78	20.82	20.77		
3	16QAM	8	7	20.8	20.73	20.73		
3	16QAM	15	0	20.84	20.89	20.84		
3	64QAM	1	0	20.77	20.74	20.74	22.5	0
3	64QAM	1	8	20.75	20.77	20.76		
3	64QAM	1	14	20.76	20.81	20.74		
3	64QAM	8	0	20.19	20.2	20.2	22	0.5
3	64QAM	8	4	20.22	20.27	20.31		
3	64QAM	8	7	20.24	20.22	20.2		
3	64QAM	15	0	20.32	20.32	20.31		
3	256QAM	1	0	18.20	18.39	18.22	20	2.5
3	256QAM	1	8	18.32	18.29	18.19		
3	256QAM	1	14	18.30	18.31	18.34		
3	256QAM	8	0	18.46	18.42	18.28	20	2.5
3	256QAM	8	4	18.23	18.36	18.40		
3	256QAM	8	7	18.28	18.29	18.36		
3	256QAM	15	0	18.40	18.33	18.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.97	20.95	20.88	22.5	0
1.4	QPSK	1	3	20.89	20.88	20.86		
1.4	QPSK	1	5	20.89	20.9	20.86		
1.4	QPSK	3	0	20.88	20.82	20.82		
1.4	QPSK	3	1	20.75	20.79	20.83		
1.4	QPSK	3	3	20.82	20.81	20.81		
1.4	QPSK	6	0	20.84	20.78	20.73	22.5	0
1.4	16QAM	1	0	20.77	20.73	20.72	22.5	0
1.4	16QAM	1	3	20.85	20.85	20.85		
1.4	16QAM	1	5	20.73	20.77	20.72		
1.4	16QAM	3	0	20.82	20.77	20.77		
1.4	16QAM	3	1	20.8	20.77	20.8		
1.4	16QAM	3	3	20.75	20.83	20.83		
1.4	16QAM	6	0	20.84	20.82	20.8	22.5	0
1.4	64QAM	1	0	20.68	20.69	20.64	22.5	0
1.4	64QAM	1	3	20.87	20.89	20.82		
1.4	64QAM	1	5	20.79	20.77	20.77		
1.4	64QAM	3	0	20.62	20.61	20.6		
1.4	64QAM	3	1	20.61	20.62	20.58		
1.4	64QAM	3	3	20.67	20.62	20.65		
1.4	64QAM	6	0	20.32	20.31	20.27	22	0.5
1.4	256QAM	1	0	18.30	18.36	18.37	20	2.5
1.4	256QAM	1	3	18.36	18.28	18.31		
1.4	256QAM	1	5	18.25	18.34	18.34		
1.4	256QAM	3	0	18.28	18.39	18.41		
1.4	256QAM	3	1	18.32	18.41	18.29		
1.4	256QAM	3	3	18.38	18.37	18.39		
1.4	256QAM	6	0	18.28	18.37	18.40	20	2.5

Band 4_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.11	23.21	23.08	24	0
20	QPSK	1	49	22.88	23.01	22.91		
20	QPSK	1	99	22.99	23.06	22.9		
20	QPSK	50	0	23.08	23.17	23.01	24	0
20	QPSK	50	24	23.01	23.16	23.02		
20	QPSK	50	50	23.02	23.15	23.04		
20	QPSK	100	0	23.1	23.16	23.07		
20	16QAM	1	0	23.09	23.15	22.99	24	0
20	16QAM	1	49	22.97	23.11	23		
20	16QAM	1	99	23.05	23.1	22.95		
20	16QAM	50	0	21.95	22.11	21.95	23	1
20	16QAM	50	24	21.99	22.14	22.04		
20	16QAM	50	50	22.05	22.12	22.03		
20	16QAM	100	0	22.04	22.18	22.09		
20	64QAM	1	0	22.24	22.34	22.25	23	1
20	64QAM	1	49	22.18	22.29	22.2		
20	64QAM	1	99	22.08	22.23	22.08		
20	64QAM	50	0	20.92	21.06	20.94	22	2
20	64QAM	50	24	21.04	21.14	21		
20	64QAM	50	50	20.95	21.08	20.97		
20	64QAM	100	0	21.08	21.19	21.09		
20	256QAM	1	0	19.06	19.21	19.10	20	4
20	256QAM	1	49	18.77	18.92	18.82		
20	256QAM	1	99	18.85	18.95	18.84		
20	256QAM	50	0	19.03	19.12	19.06	20	4
20	256QAM	50	24	19.00	19.16	19.04		
20	256QAM	50	50	19.01	19.11	18.98		
20	256QAM	100	0	19.17	19.19	19.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.96	23.07	22.96	24	0
15	QPSK	1	37	22.81	22.88	22.78		
15	QPSK	1	74	22.89	22.92	22.83		
15	QPSK	36	0	23.03	23.04	22.95	24	0
15	QPSK	36	20	22.88	23.09	22.91		
15	QPSK	36	39	22.9	23.06	22.99		
15	QPSK	75	0	22.96	23.08	22.93		
15	16QAM	1	0	23.04	23.1	22.94	24	0
15	16QAM	1	37	22.86	23.04	22.93		
15	16QAM	1	74	22.97	23.02	22.8		
15	16QAM	36	0	21.82	22.01	21.88	23	1
15	16QAM	36	20	21.9	22.02	21.94		
15	16QAM	36	39	21.97	22.04	21.88		
15	16QAM	75	0	21.9	22.06	21.93		
15	64QAM	1	0	22.19	22.21	22.09	23	1
15	64QAM	1	37	22.1	22.14	22.07		
15	64QAM	1	74	21.95	22.12	21.92		
15	64QAM	36	0	20.86	20.94	20.8	22	2
15	64QAM	36	20	20.98	21.04	20.88		
15	64QAM	36	39	20.87	21.02	20.85		
15	64QAM	75	0	20.94	21.06	21.03		
15	256QAM	1	0	18.90	19.07	19.04	20	4
15	256QAM	1	37	18.66	18.80	18.74		
15	256QAM	1	74	18.70	18.85	18.74		
15	256QAM	36	0	18.89	19.03	18.98	20	4
15	256QAM	36	20	18.87	19.01	18.89		
15	256QAM	36	39	18.90	18.98	18.85		
15	256QAM	75	0	19.01	19.10	19.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.95	23.13	22.94	24	0
10	QPSK	1	25	22.83	22.85	22.83		
10	QPSK	1	49	22.85	22.93	22.82		
10	QPSK	25	0	22.94	23.11	22.95	24	0
10	QPSK	25	12	22.88	23.11	22.97		
10	QPSK	25	25	22.9	22.99	22.99		
10	QPSK	50	0	23.03	23.1	23		
10	16QAM	1	0	22.93	23.07	22.83	24	0
10	16QAM	1	25	22.86	23	22.9		
10	16QAM	1	49	22.94	22.95	22.79		
10	16QAM	25	0	21.86	22.02	21.79	23	1
10	16QAM	25	12	21.88	22.04	21.9		
10	16QAM	25	25	21.91	22.01	21.9		
10	16QAM	50	0	21.97	22.07	21.94		
10	64QAM	1	0	22.1	22.23	22.19	23	1
10	64QAM	1	25	22.06	22.13	22.13		
10	64QAM	1	49	21.97	22.18	21.98		
10	64QAM	25	0	20.79	20.97	20.79	22	2
10	64QAM	25	12	20.96	21.06	20.9		
10	64QAM	25	25	20.87	20.93	20.82		
10	64QAM	50	0	20.95	21.09	20.93		
10	256QAM	1	0	18.99	19.11	18.94	20	4
10	256QAM	1	25	18.71	18.78	18.66		
10	256QAM	1	49	18.79	18.83	18.73		
10	256QAM	25	0	18.92	18.96	18.97	20	4
10	256QAM	25	12	18.86	19.07	18.96		
10	256QAM	25	25	18.90	18.99	18.83		
10	256QAM	50	0	19.12	19.11	19.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.96	23.08	23.03	24	0
5	QPSK	1	12	22.75	22.93	22.78		
5	QPSK	1	24	22.85	22.97	22.75		
5	QPSK	12	0	22.98	23.11	22.94	24	0
5	QPSK	12	7	22.93	23.1	22.94		
5	QPSK	12	13	22.88	23.05	22.97		
5	QPSK	25	0	23.05	23.05	22.99		
5	16QAM	1	0	22.96	23.1	22.86	24	0
5	16QAM	1	12	22.87	23.03	22.95		
5	16QAM	1	24	22.93	22.96	22.84		
5	16QAM	12	0	21.8	22.03	21.88	23	1
5	16QAM	12	7	21.91	22.07	21.91		
5	16QAM	12	13	21.99	22.02	21.93		
5	16QAM	25	0	21.9	22.07	21.98		
5	64QAM	1	0	22.11	22.24	22.17	23	1
5	64QAM	1	12	22.09	22.16	22.08		
5	64QAM	1	24	21.96	22.18	22.03		
5	64QAM	12	0	20.84	20.97	20.85	22	2
5	64QAM	12	7	20.88	21.04	20.93		
5	64QAM	12	13	20.88	21.01	20.89		
5	64QAM	25	0	21.01	21.12	20.96		
5	256QAM	1	0	18.92	19.09	18.94	20	4
5	256QAM	1	12	18.70	18.80	18.77		
5	256QAM	1	24	18.75	18.81	18.78		
5	256QAM	12	0	18.98	18.99	18.93	20	4
5	256QAM	12	7	18.94	19.11	18.89		
5	256QAM	12	13	18.89	18.99	18.82		
5	256QAM	25	0	19.07	19.13	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.05	23.08	23	24	0
3	QPSK	1	8	22.83	22.89	22.84		
3	QPSK	1	14	22.88	23	22.82		
3	QPSK	8	0	22.95	23.1	22.91	24	0
3	QPSK	8	4	22.93	23.01	22.91		
3	QPSK	8	7	22.89	23.09	22.91		
3	QPSK	15	0	23.05	23	22.95		
3	16QAM	1	0	23.04	23.01	22.83	24	0
3	16QAM	1	8	22.83	23.04	22.94		
3	16QAM	1	14	22.97	23.03	22.81		
3	16QAM	8	0	21.84	22.06	21.84	23	1
3	16QAM	8	4	21.93	22.06	21.99		
3	16QAM	8	7	21.96	22.03	21.98		
3	16QAM	15	0	21.89	22.06	21.99		
3	64QAM	1	0	22.16	22.27	22.18	23	1
3	64QAM	1	8	22.11	22.15	22.15		
3	64QAM	1	14	21.99	22.12	21.94		
3	64QAM	8	0	20.82	20.95	20.85	22	2
3	64QAM	8	4	20.98	21.05	20.85		
3	64QAM	8	7	20.83	21.01	20.82		
3	64QAM	15	0	21.01	21.05	20.96		
3	256QAM	1	0	18.90	19.15	19.04	20	4
3	256QAM	1	8	18.65	18.78	18.66		
3	256QAM	1	14	18.74	18.79	18.69		
3	256QAM	8	0	18.91	19.05	18.92	20	4
3	256QAM	8	4	18.84	19.03	18.90		
3	256QAM	8	7	18.94	19.03	18.92		
3	256QAM	15	0	19.05	19.14	19.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.13	23	24	2.5
1.4	QPSK	1	3	22.79	22.9	22.82		
1.4	QPSK	1	5	22.92	22.98	22.79		
1.4	QPSK	3	0	22.92	23.03	22.89		
1.4	QPSK	3	1	22.95	23.1	22.88		
1.4	QPSK	3	3	22.9	23.07	22.93		
1.4	QPSK	6	0	22.96	23.01	22.96	24	0
1.4	16QAM	1	0	22.98	23.05	22.83	24	0
1.4	16QAM	1	3	22.87	23.06	22.89		
1.4	16QAM	1	5	22.99	22.95	22.89		
1.4	16QAM	3	0	22.83	22.97	22.84		
1.4	16QAM	3	1	22.87	23.07	22.95		
1.4	16QAM	3	3	22.96	23.06	22.95		
1.4	16QAM	6	0	21.94	22.05	21.95	23	1
1.4	64QAM	1	0	22.09	22.18	22.17	23	1
1.4	64QAM	1	3	22.13	22.17	22.13		
1.4	64QAM	1	5	21.95	22.13	21.96		
1.4	64QAM	3	0	21.83	22	21.86		
1.4	64QAM	3	1	22.15	22.26	22.15		
1.4	64QAM	3	3	22.04	22.14	22.1		
1.4	64QAM	6	0	21.01	21.08	20.93	22	2
1.4	256QAM	1	0	18.94	19.12	18.99	20	4
1.4	256QAM	1	3	18.69	18.77	18.66		
1.4	256QAM	1	5	18.73	18.83	18.75		
1.4	256QAM	3	0	18.88	19.00	18.94		
1.4	256QAM	3	1	18.93	19.11	18.93		
1.4	256QAM	3	3	18.89	18.96	18.90		
1.4	256QAM	6	0	19.02	19.04	19.08	20	4

Band 5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.27	23.32	23.3	25	0
10	QPSK	1	25	23.25	23.3	23.29		
10	QPSK	1	49	23.23	23.2	23.22		
10	QPSK	25	0	22.38	22.43	22.37	24	1
10	QPSK	25	12	22.36	22.35	22.32		
10	QPSK	25	25	22.34	22.34	22.31		
10	QPSK	50	0	22.35	22.38	22.32		
10	16QAM	1	0	22.68	22.67	22.71	24	1
10	16QAM	1	25	22.63	22.68	22.66		
10	16QAM	1	49	22.68	22.69	22.64		
10	16QAM	25	0	21.35	21.37	21.34	23	2
10	16QAM	25	12	21.42	21.32	21.37		
10	16QAM	25	25	21.38	21.38	21.41		
10	16QAM	50	0	21.42	21.32	21.32		
10	64QAM	1	0	21.55	21.56	21.58	23	2
10	64QAM	1	25	21.47	21.49	21.49		
10	64QAM	1	49	21.43	21.45	21.53		
10	64QAM	25	0	20.33	20.33	20.35	22	3
10	64QAM	25	12	20.42	20.33	20.34		
10	64QAM	25	25	20.37	20.36	20.37		
10	64QAM	50	0	20.43	20.32	20.34		
10	256QAM	1	0	18.77	18.82	18.80	20	5
10	256QAM	1	25	18.83	18.90	18.81		
10	256QAM	1	49	18.73	18.76	18.72		
10	256QAM	25	0	18.63	18.69	18.64	20	5
10	256QAM	25	12	18.83	18.81	18.79		
10	256QAM	25	25	18.61	18.68	18.63		
10	256QAM	50	0	18.62	18.69	18.65		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.31	23.3	23.25	25	0
5	QPSK	1	12	23.26	23.28	23.3		
5	QPSK	1	24	23.31	23.3	23.22		
5	QPSK	12	0	22.31	22.3	22.29	24	1
5	QPSK	12	7	22.4	22.38	22.27		
5	QPSK	12	13	22.37	22.34	22.35		
5	QPSK	25	0	22.37	22.29	22.28		
5	16QAM	1	0	22.66	22.71	22.59	24	1
5	16QAM	1	12	22.65	22.73	22.76		
5	16QAM	1	24	22.6	22.63	22.55		
5	16QAM	12	0	21.39	21.39	21.36	23	2
5	16QAM	12	7	21.45	21.42	21.31		
5	16QAM	12	13	21.43	21.41	21.4		
5	16QAM	25	0	21.42	21.3	21.32		
5	64QAM	1	0	21.67	21.62	21.5	23	2
5	64QAM	1	12	21.62	21.62	21.58		
5	64QAM	1	24	21.6	21.66	21.42		
5	64QAM	12	0	20.38	20.35	20.35	22	3
5	64QAM	12	7	20.43	20.45	20.31		
5	64QAM	12	13	20.4	20.39	20.38		
5	64QAM	25	0	20.41	20.33	20.34		
5	256QAM	1	0	18.80	18.85	18.75	20	5
5	256QAM	1	12	18.86	18.88	18.86		
5	256QAM	1	24	18.71	18.78	18.72		
5	256QAM	12	0	18.60	18.63	18.65	20	5
5	256QAM	12	7	18.77	18.78	18.76		
5	256QAM	12	13	18.63	18.63	18.67		
5	256QAM	25	0	18.64	18.72	18.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.22	23.27	23.25	25	0
3	QPSK	1	8	23.28	23.29	23.28		
3	QPSK	1	14	23.24	23.24	23.22		
3	QPSK	8	0	22.36	22.28	22.25	24	1
3	QPSK	8	4	22.36	22.38	22.34		
3	QPSK	8	7	22.34	22.34	22.32		
3	QPSK	15	0	22.33	22.22	22.31		
3	16QAM	1	0	22.56	22.62	22.58	24	1
3	16QAM	1	8	22.69	22.79	22.72		
3	16QAM	1	14	22.67	22.65	22.68		
3	16QAM	8	0	21.44	21.37	21.36	23	2
3	16QAM	8	4	21.47	21.44	21.46		
3	16QAM	8	7	21.4	21.42	21.42		
3	16QAM	15	0	21.38	21.28	21.36		
3	64QAM	1	0	21.57	21.56	21.52	23	2
3	64QAM	1	8	21.62	21.58	21.61		
3	64QAM	1	14	21.55	21.41	21.49		
3	64QAM	8	0	20.4	20.37	20.31	22	3
3	64QAM	8	4	20.39	20.4	20.4		
3	64QAM	8	7	20.4	20.43	20.36		
3	64QAM	15	0	20.37	20.31	20.36		
3	256QAM	1	0	18.77	18.76	18.77	20	5
3	256QAM	1	8	18.89	18.90	18.90		
3	256QAM	1	14	18.76	18.74	18.71		
3	256QAM	8	0	18.63	18.67	18.68	20	5
3	256QAM	8	4	18.82	18.74	18.76		
3	256QAM	8	7	18.58	18.61	18.66		
3	256QAM	15	0	18.61	18.69	18.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.26	23.23	23.26	25	0
1.4	QPSK	1	3	23.27	23.31	23.26		
1.4	QPSK	1	5	23.25	23.21	23.23		
1.4	QPSK	3	0	23.3	23.29	23.31		
1.4	QPSK	3	1	23.29	23.28	23.3		
1.4	QPSK	3	3	23.31	23.31	23.28		
1.4	QPSK	6	0	22.32	22.25	22.28	24	1
1.4	16QAM	1	0	22.71	22.6	22.73	24	1
1.4	16QAM	1	3	22.86	22.71	22.75		
1.4	16QAM	1	5	22.73	22.66	22.65		
1.4	16QAM	3	0	22.46	22.45	22.44		
1.4	16QAM	3	1	22.45	22.42	22.46		
1.4	16QAM	3	3	22.46	22.48	22.44		
1.4	16QAM	6	0	21.41	21.31	21.34	23	2
1.4	64QAM	1	0	21.5	21.53	21.41	23	2
1.4	64QAM	1	3	21.57	21.48	21.51		
1.4	64QAM	1	5	21.42	21.57	21.53		
1.4	64QAM	3	0	21.47	21.44	21.42		
1.4	64QAM	3	1	21.41	21.43	21.41		
1.4	64QAM	3	3	21.47	21.49	21.44		
1.4	64QAM	6	0	20.4	20.28	20.35	22	3
1.4	256QAM	1	0	18.78	18.75	18.81	20	5
1.4	256QAM	1	3	18.83	18.84	18.87		
1.4	256QAM	1	5	18.74	18.71	18.71		
1.4	256QAM	3	0	18.57	18.71	18.63		
1.4	256QAM	3	1	18.86	18.75	18.78		
1.4	256QAM	3	3	18.60	18.61	18.70		
1.4	256QAM	6	0	18.64	18.62	18.62	20	5

Band 7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.74	18.86	18.81	19.7	0
20	QPSK	1	49	18.74	18.81	18.78		
20	QPSK	1	99	18.71	18.74	18.73		
20	QPSK	50	0	18.71	18.76	18.63	19.7	0
20	QPSK	50	24	18.59	18.71	18.68		
20	QPSK	50	50	18.52	18.61	18.69		
20	QPSK	100	0	18.53	18.64	18.63		
20	16QAM	1	0	18.62	18.81	18.69	19.7	0
20	16QAM	1	49	18.71	18.77	18.75		
20	16QAM	1	99	18.62	18.65	18.61		
20	16QAM	50	0	18.59	18.71	18.6	19.7	0
20	16QAM	50	24	18.55	18.6	18.67		
20	16QAM	50	50	18.5	18.53	18.64		
20	16QAM	100	0	18.42	18.58	18.62		
20	64QAM	1	0	18.65	18.84	18.7	19.7	0
20	64QAM	1	49	18.73	18.74	18.69		
20	64QAM	1	99	18.62	18.64	18.71		
20	64QAM	50	0	18.6	18.72	18.56	19.7	0
20	64QAM	50	24	18.51	18.66	18.66		
20	64QAM	50	50	18.5	18.57	18.63		
20	64QAM	100	0	18.43	18.61	18.59		
20	256QAM	1	0	18.24	18.36	18.31	19.2	0.5
20	256QAM	1	49	18.22	18.28	18.27		
20	256QAM	1	99	18.21	18.34	18.29		
20	256QAM	50	0	18.22	18.28	18.26	19.2	0.5
20	256QAM	50	24	18.23	18.27	18.24		
20	256QAM	50	50	18.15	18.32	18.29		
20	256QAM	100	0	18.23	18.33	18.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.82	18.81	18.81	19.7	0
15	QPSK	1	37	18.76	18.74	18.73		
15	QPSK	1	74	18.65	18.73	18.7		
15	QPSK	36	0	18.68	18.66	18.68	19.7	0
15	QPSK	36	20	18.68	18.65	18.64		
15	QPSK	36	39	18.58	18.59	18.59		
15	QPSK	75	0	18.53	18.54	18.59		
15	16QAM	1	0	18.74	18.77	18.7	19.7	0
15	16QAM	1	37	18.67	18.74	18.66		
15	16QAM	1	74	18.62	18.57	18.58		
15	16QAM	36	0	18.69	18.68	18.68	19.7	0
15	16QAM	36	20	18.59	18.5	18.51		
15	16QAM	36	39	18.5	18.48	18.46		
15	16QAM	75	0	18.56	18.56	18.53		
15	64QAM	1	0	18.77	18.8	18.73	19.7	0
15	64QAM	1	37	18.62	18.71	18.66		
15	64QAM	1	74	18.5	18.57	18.63		
15	64QAM	36	0	18.68	18.62	18.64	19.7	0
15	64QAM	36	20	18.56	18.6	18.65		
15	64QAM	36	39	18.52	18.47	18.54		
15	64QAM	75	0	18.57	18.6	18.57		
15	256QAM	1	0	18.20	18.29	18.23	19.2	0.5
15	256QAM	1	37	18.17	18.23	18.21		
15	256QAM	1	74	18.17	18.28	18.23		
15	256QAM	36	0	18.16	18.21	18.10	19.2	0.5
15	256QAM	36	20	18.13	18.09	18.24		
15	256QAM	36	39	18.24	18.18	18.13		
15	256QAM	75	0	18.14	18.30	18.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.81	18.75	18.84	19.7	0
10	QPSK	1	25	18.7	18.77	18.73		
10	QPSK	1	49	18.67	18.72	18.68		
10	QPSK	25	0	18.72	18.64	18.72	19.7	0
10	QPSK	25	12	18.65	18.6	18.61		
10	QPSK	25	25	18.6	18.52	18.51		
10	QPSK	50	0	18.63	18.62	18.61		
10	16QAM	1	0	18.68	18.74	18.77	19.7	0
10	16QAM	1	25	18.67	18.74	18.69		
10	16QAM	1	49	18.57	18.52	18.53		
10	16QAM	25	0	18.63	18.58	18.64	19.7	0
10	16QAM	25	12	18.58	18.5	18.47		
10	16QAM	25	25	18.45	18.43	18.51		
10	16QAM	50	0	18.5	18.45	18.51		
10	64QAM	1	0	18.78	18.82	18.71	19.7	0
10	64QAM	1	25	18.62	18.64	18.6		
10	64QAM	1	49	18.54	18.52	18.61		
10	64QAM	25	0	18.64	18.63	18.68	19.7	0
10	64QAM	25	12	18.62	18.61	18.59		
10	64QAM	25	25	18.48	18.51	18.53		
10	64QAM	50	0	18.59	18.57	18.57		
10	256QAM	1	0	18.33	18.17	18.23	19.2	0.5
10	256QAM	1	25	18.12	18.27	18.18		
10	256QAM	1	49	18.21	18.20	18.33		
10	256QAM	25	0	18.25	18.08	18.23	19.2	0.5
10	256QAM	25	12	18.20	18.15	18.25		
10	256QAM	25	25	18.20	18.24	18.31		
10	256QAM	50	0	18.32	18.20	18.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.77	18.77	18.75	19.7	0
5	QPSK	1	12	18.75	18.76	18.68		
5	QPSK	1	24	18.64	18.62	18.71		
5	QPSK	12	0	18.72	18.72	18.66	19.7	0
5	QPSK	12	7	18.65	18.67	18.7		
5	QPSK	12	13	18.59	18.49	18.53		
5	QPSK	25	0	18.56	18.56	18.6		
5	16QAM	1	0	18.7	18.7	18.7	19.7	0
5	16QAM	1	12	18.67	18.69	18.71		
5	16QAM	1	24	18.59	18.6	18.57		
5	16QAM	12	0	18.67	18.58	18.69	19.7	0
5	16QAM	12	7	18.57	18.58	18.54		
5	16QAM	12	13	18.43	18.46	18.47		
5	16QAM	25	0	18.56	18.53	18.55		
5	64QAM	1	0	18.8	18.69	18.74	19.7	0
5	64QAM	1	12	18.73	18.73	18.69		
5	64QAM	1	24	18.56	18.55	18.52		
5	64QAM	12	0	18.66	18.69	18.68	19.7	0
5	64QAM	12	7	18.59	18.59	18.65		
5	64QAM	12	13	18.47	18.47	18.55		
5	64QAM	25	0	18.52	18.51	18.58		
5	256QAM	1	0	18.25	18.16	18.30	19.2	0.5
5	256QAM	1	12	18.13	18.08	18.16		
5	256QAM	1	24	18.16	18.22	18.14		
5	256QAM	12	0	18.16	18.16	18.11	19.2	0.5
5	256QAM	12	7	18.07	18.24	18.21		
5	256QAM	12	13	18.26	18.31	18.29		
5	256QAM	25	0	18.19	18.29	18.19		

Band 7_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.1	23.17	23.08	24.2	0
20	QPSK	1	49	22.9	22.93	22.94		
20	QPSK	1	99	22.99	22.98	22.95		
20	QPSK	50	0	22.16	22.33	22.19	23.2	1
20	QPSK	50	24	22.28	22.17	22.32		
20	QPSK	50	50	22.21	22.3	22.31		
20	QPSK	100	0	22.25	22.26	22.15		
20	16QAM	1	0	22.32	22.45	22.32	23.2	1
20	16QAM	1	49	22.18	22.24	22.14		
20	16QAM	1	99	22.2	22.22	22.34		
20	16QAM	50	0	21.12	21.18	21.19	22.2	2
20	16QAM	50	24	21.27	21.23	21.35		
20	16QAM	50	50	21.27	21.3	21.33		
20	16QAM	100	0	21.28	21.21	21.29		
20	64QAM	1	0	21.37	21.28	21.33	22.2	2
20	64QAM	1	49	21.25	21.26	21.35		
20	64QAM	1	99	21.24	21.28	21.41		
20	64QAM	50	0	20.23	20.17	20.16	21.2	3
20	64QAM	50	24	20.24	20.13	20.35		
20	64QAM	50	50	20.18	20.23	20.29		
20	64QAM	100	0	20.25	20.15	20.32		
20	256QAM	1	0	17.90	17.88	17.81	19.2	5
20	256QAM	1	49	17.90	17.90	17.99		
20	256QAM	1	99	17.97	17.93	17.95		
20	256QAM	50	0	18.14	18.20	18.24	19.2	5
20	256QAM	50	24	18.30	18.20	18.31		
20	256QAM	50	50	18.29	18.37	18.34		
20	256QAM	100	0	18.24	18.17	18.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.04	22.97	23.06	24.2	0
15	QPSK	1	37	22.74	22.77	22.83		
15	QPSK	1	74	22.84	22.87	22.82		
15	QPSK	36	0	22.03	22.06	22.05	23.2	1
15	QPSK	36	20	22.13	22.14	22.21		
15	QPSK	36	39	22.05	22.19	22.27		
15	QPSK	75	0	22.1	21.99	22.17		
15	16QAM	1	0	22.19	22.36	22.18	23.2	1
15	16QAM	1	37	22.04	22.12	22.02		
15	16QAM	1	74	22.1	22.09	22.29		
15	16QAM	36	0	21.07	21.09	21.1	22.2	2
15	16QAM	36	20	21.15	21.07	21.19		
15	16QAM	36	39	21.18	21.18	21.21		
15	16QAM	75	0	21.15	21.15	21.18		
15	64QAM	1	0	21.26	21.23	21.17	22.2	2
15	64QAM	1	37	21.13	21.21	21.27		
15	64QAM	1	74	21.12	21.23	21.26		
15	64QAM	36	0	20.16	20.03	20.01	21.2	3
15	64QAM	36	20	20.1	20	20.26		
15	64QAM	36	39	20.08	20.13	20.2		
15	64QAM	75	0	20.17	20.02	20.22		
15	256QAM	1	0	17.83	17.76	17.74	19.2	5
15	256QAM	1	37	17.77	17.80	17.91		
15	256QAM	1	74	17.91	17.88	17.88		
15	256QAM	36	0	18.03	18.09	18.12	19.2	5
15	256QAM	36	20	18.23	18.12	18.16		
15	256QAM	36	39	18.23	18.32	18.22		
15	256QAM	75	0	18.14	18.02	18.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.96	23.03	23.11	24.2	0
10	QPSK	1	25	22.74	22.79	22.85		
10	QPSK	1	49	22.92	22.88	22.84		
10	QPSK	25	0	22.1	22.02	22.04	23.2	1
10	QPSK	25	12	22.12	22.03	22.25		
10	QPSK	25	25	22.12	22.23	22.22		
10	QPSK	50	0	22.09	22.07	22.19		
10	16QAM	1	0	22.24	22.32	22.17	23.2	1
10	16QAM	1	25	22.02	22.15	22.06		
10	16QAM	1	49	22.14	22.07	22.29		
10	16QAM	25	0	20.98	21.03	21.05	22.2	2
10	16QAM	25	12	21.19	21.13	21.23		
10	16QAM	25	25	21.22	21.24	21.19		
10	16QAM	50	0	21.22	21.08	21.19		
10	64QAM	1	0	21.32	21.12	21.2	22.2	2
10	64QAM	1	25	21.13	21.19	21.2		
10	64QAM	1	49	21.08	21.23	21.32		
10	64QAM	25	0	20.18	20.07	20.11	21.2	3
10	64QAM	25	12	20.11	20.03	20.29		
10	64QAM	25	25	20.02	20.11	20.2		
10	64QAM	50	0	20.1	20.08	20.16		
10	256QAM	1	0	17.79	17.80	17.66	19.2	5
10	256QAM	1	25	17.82	17.78	17.90		
10	256QAM	1	49	17.86	17.88	17.88		
10	256QAM	25	0	18.00	18.15	18.10	19.2	5
10	256QAM	25	12	18.25	18.11	18.16		
10	256QAM	25	25	18.15	18.26	18.20		
10	256QAM	50	0	18.17	18.12	18.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.01	23.01	23.11	24.2	0
5	QPSK	1	12	22.84	22.77	22.85		
5	QPSK	1	24	22.91	22.86	22.82		
5	QPSK	12	0	22.01	22.08	22.06	23.2	1
5	QPSK	12	7	22.18	22.14	22.22		
5	QPSK	12	13	22.11	22.21	22.22		
5	QPSK	25	0	22.19	21.99	22.15		
5	16QAM	1	0	22.2	22.39	22.23	23.2	1
5	16QAM	1	12	22.03	22.17	22.08		
5	16QAM	1	24	22.12	22.15	22.19		
5	16QAM	12	0	20.96	21.05	21.11	22.2	2
5	16QAM	12	7	21.22	21.09	21.28		
5	16QAM	12	13	21.14	21.14	21.17		
5	16QAM	25	0	21.21	21.05	21.13		
5	64QAM	1	0	21.27	21.2	21.19	22.2	2
5	64QAM	1	12	21.14	21.15	21.3		
5	64QAM	1	24	21.12	21.15	21.3		
5	64QAM	12	0	20.08	20.07	20.08	21.2	3
5	64QAM	12	7	20.16	20.06	20.21		
5	64QAM	12	13	20.08	20.18	20.17		
5	64QAM	25	0	20.15	20.07	20.24		
5	256QAM	1	0	17.76	17.81	17.68	19.2	5
5	256QAM	1	12	17.80	17.83	17.89		
5	256QAM	1	24	17.86	17.83	17.86		
5	256QAM	12	0	17.99	18.13	18.16	19.2	5
5	256QAM	12	7	18.21	18.08	18.22		
5	256QAM	12	13	18.13	18.28	18.23		
5	256QAM	25	0	18.19	18.10	18.16		

Band 12_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.58	23.65	23.59	25	0
10	QPSK	1	25	23.55	23.6	23.54		
10	QPSK	1	49	23.52	23.53	23.5		
10	QPSK	25	0	22.54	22.63	22.54	24	1
10	QPSK	25	12	22.53	22.55	22.47		
10	QPSK	25	25	22.5	22.51	22.44		
10	QPSK	50	0	22.48	22.53	22.46		
10	16QAM	1	0	22.93	22.96	22.88	24	1
10	16QAM	1	25	22.88	22.94	23.01		
10	16QAM	1	49	22.95	23.03	22.87		
10	16QAM	25	0	21.54	21.55	21.57	23	2
10	16QAM	25	12	21.64	21.57	21.58		
10	16QAM	25	25	21.62	21.64	21.66		
10	16QAM	50	0	21.6	21.56	21.54		
10	64QAM	1	0	21.66	21.72	21.78	23	2
10	64QAM	1	25	21.72	21.79	21.88		
10	64QAM	1	49	21.79	21.79	21.73		
10	64QAM	25	0	20.53	20.54	20.55	22	3
10	64QAM	25	12	20.61	20.57	20.57		
10	64QAM	25	25	20.58	20.61	20.6		
10	64QAM	50	0	20.61	20.52	20.54		
10	256QAM	1	0	18.91	18.97	18.99	20	5
10	256QAM	1	25	18.94	19.08	18.99		
10	256QAM	1	49	19.07	19.13	19.02		
10	256QAM	25	0	18.90	18.92	18.89	20	5
10	256QAM	25	12	18.88	18.94	18.84		
10	256QAM	25	25	18.92	18.96	18.91		
10	256QAM	50	0	18.89	18.93	18.88		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.43	23.49	23.54	25	0
5	QPSK	1	12	23.53	23.6	23.6		
5	QPSK	1	24	23.5	23.53	23.58		
5	QPSK	12	0	22.49	22.52	22.55	24	1
5	QPSK	12	7	22.58	22.54	22.57		
5	QPSK	12	13	22.55	22.58	22.6		
5	QPSK	25	0	22.56	22.49	22.54		
5	16QAM	1	0	22.81	22.91	22.88	24	1
5	16QAM	1	12	22.96	22.96	23.1		
5	16QAM	1	24	22.9	22.93	22.92		
5	16QAM	12	0	21.51	21.59	21.6	23	2
5	16QAM	12	7	21.67	21.58	21.59		
5	16QAM	12	13	21.55	21.65	21.63		
5	16QAM	25	0	21.57	21.53	21.53		
5	64QAM	1	0	21.67	21.75	21.82	23	2
5	64QAM	1	12	21.83	21.79	21.84		
5	64QAM	1	24	21.72	21.72	21.77		
5	64QAM	12	0	20.54	20.54	20.55	22	3
5	64QAM	12	7	20.59	20.58	20.58		
5	64QAM	12	13	20.6	20.59	20.63		
5	64QAM	25	0	20.57	20.52	20.57		
5	256QAM	1	0	18.99	18.96	18.98	20	5
5	256QAM	1	12	18.98	19.06	19.10		
5	256QAM	1	24	19.04	19.13	19.14		
5	256QAM	12	0	18.82	18.89	18.80	20	5
5	256QAM	12	7	18.81	18.88	18.85		
5	256QAM	12	13	18.93	18.93	18.99		
5	256QAM	25	0	18.83	18.89	18.90		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.48	23.46	23.49	25	0
3	QPSK	1	8	23.49	23.54	23.55		
3	QPSK	1	14	23.4	23.46	23.45		
3	QPSK	8	0	22.58	22.53	22.55	24	1
3	QPSK	8	4	22.56	22.6	22.61		
3	QPSK	8	7	22.54	22.55	22.6		
3	QPSK	15	0	22.53	22.47	22.51		
3	16QAM	1	0	22.84	22.95	22.95	24	1
3	16QAM	1	8	23	22.93	22.94		
3	16QAM	1	14	22.78	22.88	22.8		
3	16QAM	8	0	21.65	21.64	21.62	23	2
3	16QAM	8	4	21.65	21.71	21.71		
3	16QAM	8	7	21.61	21.67	21.68		
3	16QAM	15	0	21.58	21.54	21.57		
3	64QAM	1	0	21.75	21.82	21.79	23	2
3	64QAM	1	8	21.75	21.76	21.85		
3	64QAM	1	14	21.75	21.74	21.73		
3	64QAM	8	0	20.64	20.58	20.62	22	3
3	64QAM	8	4	20.63	20.67	20.64		
3	64QAM	8	7	20.55	20.58	20.63		
3	64QAM	15	0	20.57	20.49	20.58		
3	256QAM	1	0	19.06	18.96	18.94	20	5
3	256QAM	1	8	18.89	19.02	19.09		
3	256QAM	1	14	18.95	19.12	19.22		
3	256QAM	8	0	18.92	18.95	18.71	20	5
3	256QAM	8	4	18.81	18.86	18.76		
3	256QAM	8	7	18.86	18.93	18.99		
3	256QAM	15	0	18.88	18.90	18.95		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.52	23.51	23.56	25	0
1.4	QPSK	1	3	23.5	23.56	23.56		
1.4	QPSK	1	5	23.46	23.49	23.49		
1.4	QPSK	3	0	23.53	23.52	23.58		
1.4	QPSK	3	1	23.52	23.54	23.59		
1.4	QPSK	3	3	23.56	23.53	23.57		
1.4	QPSK	6	0	22.52	22.56	22.56	24	1
1.4	16QAM	1	0	22.87	22.97	22.93	24	1
1.4	16QAM	1	3	22.94	22.96	22.97		
1.4	16QAM	1	5	22.87	22.94	22.87		
1.4	16QAM	3	0	22.71	22.74	22.76		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.67	22.73	22.75		
1.4	16QAM	6	0	21.62	21.61	21.64	23	2
1.4	64QAM	1	0	21.77	21.78	21.91	23	2
1.4	64QAM	1	3	21.78	21.81	21.73		
1.4	64QAM	1	5	21.66	21.69	21.77		
1.4	64QAM	3	0	21.72	21.67	21.75		
1.4	64QAM	3	1	21.63	21.72	21.68		
1.4	64QAM	3	3	21.6	21.67	21.67		
1.4	64QAM	6	0	20.58	20.58	20.62	22	3
1.4	256QAM	1	0	19.08	18.89	18.96	20	5
1.4	256QAM	1	3	19.07	18.99	19.12		
1.4	256QAM	1	5	19.01	19.12	19.24		
1.4	256QAM	3	0	18.73	18.98	18.74		
1.4	256QAM	3	1	18.72	18.97	18.90		
1.4	256QAM	3	3	19.02	18.84	19.03		
1.4	256QAM	6	0	18.81	18.99	18.81	20	5

Band 13_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.55		25	0
10	QPSK	1	25		23.41			
10	QPSK	1	49		23.38			
10	QPSK	25	0		22.49		24	1
10	QPSK	25	12		22.47			
10	QPSK	25	25		22.45			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.83			
10	16QAM	1	49		22.88			
10	16QAM	25	0		21.46		23	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.51			
10	16QAM	50	0		21.44			
10	64QAM	1	0		21.67		23	2
10	64QAM	1	25		21.77			
10	64QAM	1	49		21.62			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.47			
10	64QAM	25	25		20.48			
10	64QAM	50	0		20.46			
10	256QAM	1	0		18.88		20	5
10	256QAM	1	25		19.03			
10	256QAM	1	49		19.02			
10	256QAM	25	0		18.84		20	5
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.86			
10	256QAM	50	0		18.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.41	23.4	23.42	25	0
5	QPSK	1	12	23.49	23.5	23.5		
5	QPSK	1	24	23.41	23.43	23.42		
5	QPSK	12	0	22.41	22.38	22.38	24	1
5	QPSK	12	7	22.51	22.51	22.52		
5	QPSK	12	13	22.46	22.46	22.46		
5	QPSK	25	0	22.5	22.39	22.39		
5	16QAM	1	0	22.81	22.75	22.78	24	1
5	16QAM	1	12	22.98	22.9	22.99		
5	16QAM	1	24	22.78	22.72	22.74		
5	16QAM	12	0	21.43	21.44	21.43	23	2
5	16QAM	12	7	21.59	21.56	21.58		
5	16QAM	12	13	21.53	21.54	21.57		
5	16QAM	25	0	21.52	21.42	21.43		
5	64QAM	1	0	21.63	21.65	21.75	23	2
5	64QAM	1	12	21.82	21.7	21.74		
5	64QAM	1	24	21.66	21.72	21.68		
5	64QAM	12	0	20.43	20.43	20.42	22	3
5	64QAM	12	7	20.54	20.54	20.56		
5	64QAM	12	13	20.54	20.51	20.53		
5	64QAM	25	0	20.49	20.4	20.42		
5	256QAM	1	0	18.76	18.86	18.86	20	5
5	256QAM	1	12	19.05	19.04	19.03		
5	256QAM	1	24	18.97	19.01	18.97		
5	256QAM	12	0	18.80	18.82	18.76	20	5
5	256QAM	12	7	18.75	18.79	18.86		
5	256QAM	12	13	18.74	18.85	18.79		
5	256QAM	25	0	18.80	18.78	18.82		

Band 17_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.39	23.43	23.37	25	0
10	QPSK	1	25	23.36	23.39	23.33		
10	QPSK	1	49	23.29	23.3	23.3		
10	QPSK	25	0	22.43	22.53	22.4	24	1
10	QPSK	25	12	22.4	22.47	22.38		
10	QPSK	25	25	22.36	22.42	22.35		
10	QPSK	50	0	22.37	22.38	22.37		
10	16QAM	1	0	22.73	22.74	22.77	24	1
10	16QAM	1	25	22.76	22.73	22.7		
10	16QAM	1	49	22.71	22.77	22.8		
10	16QAM	25	0	21.4	21.42	21.42	23	2
10	16QAM	25	12	21.51	21.45	21.45		
10	16QAM	25	25	21.46	21.45	21.42		
10	16QAM	50	0	21.39	21.39	21.38		
10	64QAM	1	0	21.48	21.48	21.42	23	2
10	64QAM	1	25	21.6	21.56	21.67		
10	64QAM	1	49	21.61	21.61	21.45		
10	64QAM	25	0	20.43	20.39	20.41	22	3
10	64QAM	25	12	20.52	20.44	20.43		
10	64QAM	25	25	20.45	20.43	20.42		
10	64QAM	50	0	20.37	20.4	20.38		
10	256QAM	1	0	18.67	18.76	18.68	20	5
10	256QAM	1	25	18.82	18.86	18.78		
10	256QAM	1	49	18.69	18.82	18.72		
10	256QAM	25	0	18.70	18.76	18.75	20	5
10	256QAM	25	12	18.82	18.83	18.76		
10	256QAM	25	25	18.82	18.81	18.81		
10	256QAM	50	0	18.71	18.75	18.73		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.37	23.41	23.33	25	0
5	QPSK	1	12	23.34	23.4	23.31		
5	QPSK	1	24	23.28	23.32	23.28		
5	QPSK	12	0	22.42	22.44	22.43	24	1
5	QPSK	12	7	22.42	22.38	22.44		
5	QPSK	12	13	22.38	22.41	22.37		
5	QPSK	25	0	22.41	22.39	22.36		
5	16QAM	1	0	22.75	22.78	22.76	24	1
5	16QAM	1	12	22.82	22.84	22.84		
5	16QAM	1	24	22.64	22.73	22.63		
5	16QAM	12	0	21.46	21.49	21.52	23	2
5	16QAM	12	7	21.51	21.45	21.51		
5	16QAM	12	13	21.41	21.46	21.43		
5	16QAM	25	0	21.44	21.41	21.38		
5	64QAM	1	0	21.58	21.76	21.73	23	2
5	64QAM	1	12	21.63	21.59	21.52		
5	64QAM	1	24	21.56	21.52	21.45		
5	64QAM	12	0	20.45	20.48	20.48	22	3
5	64QAM	12	7	20.49	20.43	20.49		
5	64QAM	12	13	20.39	20.4	20.4		
5	64QAM	25	0	20.46	20.38	20.38		
5	256QAM	1	0	18.64	18.72	18.76	20	5
5	256QAM	1	12	18.85	18.85	18.88		
5	256QAM	1	24	18.72	18.78	18.74		
5	256QAM	12	0	18.68	18.78	18.71	20	5
5	256QAM	12	7	18.78	18.79	18.74		
5	256QAM	12	13	18.75	18.74	18.70		
5	256QAM	25	0	18.70	18.72	18.73		

Band 25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.34	20.4	20.37	21.5	0
20	QPSK	1	49	20.27	20.33	20.24		
20	QPSK	1	99	20.31	20.35	20.27		
20	QPSK	50	0	20.31	20.37	20.24	21.5	0
20	QPSK	50	24	20.24	20.27	20.26		
20	QPSK	50	50	20.19	20.24	20.13		
20	QPSK	100	0	20.07	20.27	20.11		
20	16QAM	1	0	20.27	20.28	20.31	21.5	0
20	16QAM	1	49	20.22	20.21	20.12		
20	16QAM	1	99	20.27	20.28	20.16		
20	16QAM	50	0	20.3	20.26	20.23	21.5	0
20	16QAM	50	24	20.12	20.25	20.21		
20	16QAM	50	50	20.11	20.22	20.11		
20	16QAM	100	0	20	20.15	20.04		
20	64QAM	1	0	20.31	20.3	20.25	21.5	0
20	64QAM	1	49	20.24	20.32	20.22		
20	64QAM	1	99	20.29	20.24	20.19		
20	64QAM	50	0	20.19	20.21	20.17	21.5	0
20	64QAM	50	24	20	20.23	20.2		
20	64QAM	50	50	20.1	20.18	20.09		
20	64QAM	100	0	19.88	20.14	20.01		
20	256QAM	1	0	19.20	19.19	19.20	20.5	1
20	256QAM	1	49	19.17	19.30	19.16		
20	256QAM	1	99	19.25	19.13	19.10		
20	256QAM	50	0	19.11	19.17	19.10	20.5	1
20	256QAM	50	24	19.10	19.16	19.10		
20	256QAM	50	50	19.14	19.27	19.04		
20	256QAM	100	0	19.21	19.04	19.06		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.29	20.29	20.35	21.5	0
15	QPSK	1	37	20.26	20.3	20.22		
15	QPSK	1	74	20.19	20.28	20.26		
15	QPSK	36	0	20.21	20.3	20.17	21.5	0
15	QPSK	36	20	20.21	20.19	20.17		
15	QPSK	36	39	20.18	20.12	20.06		
15	QPSK	75	0	20	20.17	20.06		
15	16QAM	1	0	20.23	20.18	20.28	21.5	0
15	16QAM	1	37	20.15	20.16	20.05		
15	16QAM	1	74	20.19	20.26	20.07		
15	16QAM	36	0	20.28	20.22	20.14	21.5	0
15	16QAM	36	20	20.05	20.13	20.14		
15	16QAM	36	39	20	20.19	20.1		
15	16QAM	75	0	19.93	20.07	20.01		
15	64QAM	1	0	20.24	20.21	20.19	21.5	0
15	64QAM	1	37	20.15	20.28	20.16		
15	64QAM	1	74	20.25	20.16	20.08		
15	64QAM	36	0	20.16	20.11	20.16	21.5	0
15	64QAM	36	20	19.89	20.18	20.13		
15	64QAM	36	39	19.99	20.06	19.98		
15	64QAM	75	0	19.85	20.06	19.95		
15	256QAM	1	0	19.10	19.17	19.08	20.5	1
15	256QAM	1	37	19.09	19.26	19.05		
15	256QAM	1	74	19.24	19.07	19.04		
15	256QAM	36	0	19.00	19.05	19.09	20.5	1
15	256QAM	36	20	19.08	19.09	18.98		
15	256QAM	36	39	19.05	19.19	18.93		
15	256QAM	75	0	19.10	18.99	18.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.24	20.36	20.35	21.5	0
10	QPSK	1	25	20.16	20.27	20.15		
10	QPSK	1	49	20.19	20.27	20.23		
10	QPSK	25	0	20.29	20.29	20.22	21.5	0
10	QPSK	25	12	20.19	20.25	20.17		
10	QPSK	25	25	20.14	20.16	20.04		
10	QPSK	50	0	20.02	20.23	20.05		
10	16QAM	1	0	20.17	20.27	20.21	21.5	0
10	16QAM	1	25	20.14	20.16	20.07		
10	16QAM	1	49	20.18	20.17	20.08		
10	16QAM	25	0	20.2	20.17	20.15	21.5	0
10	16QAM	25	12	20.07	20.19	20.14		
10	16QAM	25	25	20.08	20.12	20.01		
10	16QAM	50	0	19.96	20.08	19.92		
10	64QAM	1	0	20.22	20.28	20.19	21.5	0
10	64QAM	1	25	20.19	20.28	20.18		
10	64QAM	1	49	20.28	20.18	20.14		
10	64QAM	25	0	20.18	20.09	20.07	21.5	0
10	64QAM	25	12	19.99	20.2	20.16		
10	64QAM	25	25	20.04	20.1	19.98		
10	64QAM	50	0	19.79	20.11	19.95		
10	256QAM	1	0	19.09	19.14	19.12	20.5	1
10	256QAM	1	25	19.11	19.24	19.15		
10	256QAM	1	49	19.13	19.08	19.00		
10	256QAM	25	0	19.07	19.14	19.08	20.5	1
10	256QAM	25	12	18.99	19.12	18.98		
10	256QAM	25	25	19.04	19.21	19.03		
10	256QAM	50	0	19.17	19.02	19.05		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.33	20.34	20.35	21.5	0
5	QPSK	1	12	20.25	20.26	20.13		
5	QPSK	1	24	20.28	20.28	20.25		
5	QPSK	12	0	20.19	20.29	20.16	21.5	0
5	QPSK	12	7	20.14	20.19	20.15		
5	QPSK	12	13	20.07	20.21	20.09		
5	QPSK	25	0	19.95	20.21	20.1		
5	16QAM	1	0	20.22	20.24	20.26	21.5	0
5	16QAM	1	12	20.21	20.11	20.08		
5	16QAM	1	24	20.22	20.17	20.08		
5	16QAM	12	0	20.25	20.14	20.15	21.5	0
5	16QAM	12	7	20.03	20.22	20.14		
5	16QAM	12	13	20.07	20.21	20.03		
5	16QAM	25	0	19.91	20.12	19.97		
5	64QAM	1	0	20.2	20.25	20.22	21.5	0
5	64QAM	1	12	20.14	20.29	20.14		
5	64QAM	1	24	20.19	20.17	20.18		
5	64QAM	12	0	20.07	20.09	20.16	21.5	0
5	64QAM	12	7	19.91	20.2	20.09		
5	64QAM	12	13	20	20.13	20		
5	64QAM	25	0	19.77	20.13	19.96		
5	256QAM	1	0	19.19	19.08	19.15	20.5	1
5	256QAM	1	12	19.06	19.26	19.14		
5	256QAM	1	24	19.24	19.11	19.06		
5	256QAM	12	0	19.02	19.16	19.05	20.5	1
5	256QAM	12	7	19.00	19.14	18.99		
5	256QAM	12	13	19.03	19.23	19.03		
5	256QAM	25	0	19.11	18.93	18.94		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.22	20.34	20.32	21.5	0
3	QPSK	1	8	20.15	20.27	20.21		
3	QPSK	1	14	20.19	20.31	20.26		
3	QPSK	8	0	20.19	20.29	20.16	21.5	0
3	QPSK	8	4	20.17	20.21	20.18		
3	QPSK	8	7	20.08	20.19	20.07		
3	QPSK	15	0	20.02	20.21	20.01		
3	16QAM	1	0	20.17	20.17	20.23	21.5	0
3	16QAM	1	8	20.19	20.11	20.06		
3	16QAM	1	14	20.16	20.21	20.14		
3	16QAM	8	0	20.19	20.24	20.2	21.5	0
3	16QAM	8	4	20.04	20.14	20.1		
3	16QAM	8	7	20	20.1	19.99		
3	16QAM	15	0	19.99	20.03	19.93		
3	64QAM	1	0	20.22	20.18	20.18	21.5	0
3	64QAM	1	8	20.19	20.25	20.19		
3	64QAM	1	14	20.2	20.13	20.09		
3	64QAM	8	0	20.14	20.17	20.15	21.5	0
3	64QAM	8	4	19.93	20.16	20.14		
3	64QAM	8	7	19.99	20.07	20.02		
3	64QAM	15	0	19.76	20.02	19.94		
3	256QAM	1	0	19.14	19.08	19.12	20.5	1
3	256QAM	1	8	19.07	19.22	19.05		
3	256QAM	1	14	19.18	19.03	19.05		
3	256QAM	8	0	19.07	19.05	19.09	20.5	1
3	256QAM	8	4	19.05	19.10	19.00		
3	256QAM	8	7	19.05	19.26	19.01		
3	256QAM	15	0	19.20	18.92	19.02		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.23	20.3	20.27	21.5	0
1.4	QPSK	1	3	20.19	20.23	20.2		
1.4	QPSK	1	5	20.26	20.31	20.23		
1.4	QPSK	3	0	20.24	20.3	20.23		
1.4	QPSK	3	1	20.12	20.16	20.24		
1.4	QPSK	3	3	20.11	20.17	20.06		
1.4	QPSK	6	0	20.05	20.22	19.99	21.5	0
1.4	16QAM	1	0	20.2	20.21	20.3	21.5	0
1.4	16QAM	1	3	20.14	20.16	20.06		
1.4	16QAM	1	5	20.25	20.24	20.08		
1.4	16QAM	3	0	20.26	20.16	20.15		
1.4	16QAM	3	1	20.05	20.22	20.12		
1.4	16QAM	3	3	20.05	20.14	20.04		
1.4	16QAM	6	0	19.93	20.04	20.02	21.5	0
1.4	64QAM	1	0	20.24	20.29	20.13	21.5	0
1.4	64QAM	1	3	20.2	20.26	20.14		
1.4	64QAM	1	5	20.18	20.14	20.15		
1.4	64QAM	3	0	20.15	20.14	20.06		
1.4	64QAM	3	1	19.98	20.21	20.17		
1.4	64QAM	3	3	20.02	20.12	20.07		
1.4	64QAM	6	0	19.77	20.11	19.97	21.5	0
1.4	256QAM	1	0	19.15	19.13	19.15	20.5	1
1.4	256QAM	1	3	19.09	19.21	19.09		
1.4	256QAM	1	5	19.22	19.10	19.01		
1.4	256QAM	3	0	19.09	19.15	19.05		
1.4	256QAM	3	1	19.02	19.10	19.05		
1.4	256QAM	3	3	19.08	19.21	18.97		
1.4	256QAM	6	0	19.14	18.99	19.00	20.5	1

Band 26 for FCC_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.47	23.54	23.48	25	0
15	QPSK	1	37	23.37	23.49	23.35		
15	QPSK	1	74	23.38	23.29	23.25		
15	QPSK	36	0	22.45	22.48	22.39	24	1
15	QPSK	36	20	22.43	22.44	22.42		
15	QPSK	36	39	22.41	22.37	22.38		
15	QPSK	75	0	22.43	22.49	22.45		
15	16QAM	1	0	22.56	22.52	22.61	24	1
15	16QAM	1	37	22.66	22.64	22.75		
15	16QAM	1	74	22.61	22.66	22.6		
15	16QAM	36	0	21.39	21.43	21.42	23	2
15	16QAM	36	20	21.44	21.41	21.47		
15	16QAM	36	39	21.43	21.48	21.46		
15	16QAM	75	0	21.47	21.43	21.52		
15	64QAM	1	0	21.43	21.52	21.52	23	2
15	64QAM	1	37	21.63	21.71	21.56		
15	64QAM	1	74	21.48	21.57	21.49		
15	64QAM	36	0	20.41	20.42	20.42	22	3
15	64QAM	36	20	20.43	20.4	20.47		
15	64QAM	36	39	20.45	20.47	20.47		
15	64QAM	75	0	20.46	20.42	20.49		
15	256QAM	1	0	18.81	18.82	18.78	20	5
15	256QAM	1	37	18.92	18.96	18.90		
15	256QAM	1	74	19.02	19.01	19.01		
15	256QAM	36	0	18.68	18.78	18.68	20	5
15	256QAM	36	20	18.73	18.77	18.77		
15	256QAM	36	39	18.83	18.82	18.83		
15	256QAM	75	0	18.67	18.75	18.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.41	23.43	23.53	25	0
10	QPSK	1	25	23.37	23.46	23.42		
10	QPSK	1	49	23.42	23.44	23.43		
10	QPSK	25	0	22.49	22.53	22.54	24	1
10	QPSK	25	12	22.54	22.53	22.59		
10	QPSK	25	25	22.53	22.58	22.57		
10	QPSK	50	0	22.55	22.51	22.57		
10	16QAM	1	0	22.83	22.91	23.01	24	1
10	16QAM	1	25	22.81	22.89	22.89		
10	16QAM	1	49	22.92	22.83	22.74		
10	16QAM	25	0	21.53	21.56	21.53	23	2
10	16QAM	25	12	21.6	21.56	21.56		
10	16QAM	25	25	21.55	21.59	21.56		
10	16QAM	50	0	21.55	21.55	21.57		
10	64QAM	1	0	21.6	21.66	21.8	23	2
10	64QAM	1	25	21.71	21.77	21.73		
10	64QAM	1	49	21.8	21.64	21.69		
10	64QAM	25	0	20.5	20.54	20.52	22	3
10	64QAM	25	12	20.59	20.52	20.6		
10	64QAM	25	25	20.54	20.57	20.55		
10	64QAM	50	0	20.58	20.52	20.58		
10	256QAM	1	0	18.81	18.85	18.81	20	5
10	256QAM	1	25	18.88	18.94	18.90		
10	256QAM	1	49	19.00	19.02	18.99		
10	256QAM	25	0	18.67	18.74	18.74	20	5
10	256QAM	25	12	18.68	18.74	18.71		
10	256QAM	25	25	18.85	18.76	18.75		
10	256QAM	50	0	18.66	18.78	18.66		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.43	23.51	23.47	25	0
5	QPSK	1	12	23.51	23.42	23.45		
5	QPSK	1	24	23.39	23.48	23.44		
5	QPSK	12	0	22.45	22.48	22.48	24	1
5	QPSK	12	7	22.52	22.57	22.49		
5	QPSK	12	13	22.5	22.53	22.54		
5	QPSK	25	0	22.5	22.48	22.46		
5	16QAM	1	0	22.8	22.85	22.83	24	1
5	16QAM	1	12	23.02	22.98	23.01		
5	16QAM	1	24	22.8	22.83	22.93		
5	16QAM	12	0	21.53	21.56	21.56	23	2
5	16QAM	12	7	21.61	21.64	21.5		
5	16QAM	12	13	21.58	21.59	21.59		
5	16QAM	25	0	21.54	21.5	21.5		
5	64QAM	1	0	21.72	21.7	21.7	23	2
5	64QAM	1	12	21.82	21.87	21.75		
5	64QAM	1	24	21.76	21.74	21.78		
5	64QAM	12	0	20.5	20.53	20.5	22	3
5	64QAM	12	7	20.54	20.64	20.51		
5	64QAM	12	13	20.52	20.6	20.58		
5	64QAM	25	0	20.52	20.5	20.5		
5	256QAM	1	0	18.82	18.75	18.87	20	5
5	256QAM	1	12	18.95	18.90	18.88		
5	256QAM	1	24	18.99	18.97	19.00		
5	256QAM	12	0	18.68	18.80	18.75	20	5
5	256QAM	12	7	18.72	18.72	18.68		
5	256QAM	12	13	18.81	18.84	18.74		
5	256QAM	25	0	18.66	18.69	18.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.36	23.49	23.48	25	0
3	QPSK	1	8	23.44	23.53	23.53		
3	QPSK	1	14	23.35	23.47	23.39		
3	QPSK	8	0	22.53	22.49	22.48	24	1
3	QPSK	8	4	22.51	22.59	22.56		
3	QPSK	8	7	22.47	22.53	22.53		
3	QPSK	15	0	22.48	22.45	22.42		
3	16QAM	1	0	22.78	22.87	22.88	24	1
3	16QAM	1	8	22.88	22.94	22.95		
3	16QAM	1	14	22.76	22.83	22.81		
3	16QAM	8	0	21.62	21.58	21.54	23	2
3	16QAM	8	4	21.63	21.7	21.62		
3	16QAM	8	7	21.58	21.64	21.62		
3	16QAM	15	0	21.53	21.48	21.5		
3	64QAM	1	0	21.63	21.73	21.72	23	2
3	64QAM	1	8	21.73	21.82	21.73		
3	64QAM	1	14	21.64	21.72	21.78		
3	64QAM	8	0	20.55	20.52	20.53	22	3
3	64QAM	8	4	20.57	20.61	20.62		
3	64QAM	8	7	20.56	20.6	20.57		
3	64QAM	15	0	20.55	20.51	20.5		
3	256QAM	1	0	18.74	18.78	18.87	20	5
3	256QAM	1	8	18.94	18.99	18.86		
3	256QAM	1	14	18.95	19.03	18.93		
3	256QAM	8	0	18.73	18.81	18.66	20	5
3	256QAM	8	4	18.73	18.78	18.69		
3	256QAM	8	7	18.83	18.79	18.78		
3	256QAM	15	0	18.65	18.74	18.69		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.52	23.29	23.48	25	0
1.4	QPSK	1	3	23.41	23.26	23.43		
1.4	QPSK	1	5	23.51	23.19	23.53		
1.4	QPSK	3	0	23.45	23.26	23.45		
1.4	QPSK	3	1	23.46	23.25	23.45		
1.4	QPSK	3	3	23.52	23.22	23.5		
1.4	QPSK	6	0	22.56	22.31	22.59	24	1
1.4	16QAM	1	0	22.88	22.53	22.9	24	1
1.4	16QAM	1	3	22.89	22.62	22.99		
1.4	16QAM	1	5	22.94	22.58	22.88		
1.4	16QAM	3	0	22.67	22.42	22.71		
1.4	16QAM	3	1	22.73	22.36	22.78		
1.4	16QAM	3	3	22.71	22.35	22.75		
1.4	16QAM	6	0	21.64	21.43	21.71	23	2
1.4	64QAM	1	0	21.73	21.59	21.82	23	2
1.4	64QAM	1	3	21.8	21.54	21.82		
1.4	64QAM	1	5	21.8	21.5	21.79		
1.4	64QAM	3	0	21.69	21.51	21.75		
1.4	64QAM	3	1	21.75	21.47	21.76		
1.4	64QAM	3	3	21.76	21.46	21.77		
1.4	64QAM	6	0	20.6	20.45	20.63	22	3
1.4	256QAM	1	0	18.82	18.77	18.81	20	5
1.4	256QAM	1	3	18.90	18.92	18.87		
1.4	256QAM	1	5	18.96	19.00	18.98		
1.4	256QAM	3	0	18.66	18.73	18.68		
1.4	256QAM	3	1	18.75	18.78	18.66		
1.4	256QAM	3	3	18.87	18.83	18.75		
1.4	256QAM	6	0	18.68	18.71	18.67	20	5

Band 30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.25		20	0
10	QPSK	1	25		19.24			
10	QPSK	1	49		19.14			
10	QPSK	25	0		19.17		20	0
10	QPSK	25	12		19.05			
10	QPSK	25	25		19.03			
10	QPSK	50	0		19.09			
10	16QAM	1	0		19.01		20	0
10	16QAM	1	25		19.12			
10	16QAM	1	49		19.05			
10	16QAM	25	0		19.01		20	0
10	16QAM	25	12		19.16			
10	16QAM	25	25		19.07			
10	16QAM	50	0		19.08			
10	64QAM	1	0		19.09		20	0
10	64QAM	1	25		19.01			
10	64QAM	1	49		19.19			
10	64QAM	25	0		19.08		20	0
10	64QAM	25	12		19.13			
10	64QAM	25	25		19.14			
10	64QAM	50	0		19.1			
10	256QAM	1	0		19.18		20	0
10	256QAM	1	25		19.15			
10	256QAM	1	49		19.16			
10	256QAM	25	0		19.20		20	0
10	256QAM	25	12		19.16			
10	256QAM	25	25		19.17			
10	256QAM	50	0		19.23			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.12	19.12	19.22	20	0
5	QPSK	1	12	19.15	19.12	19.18		
5	QPSK	1	24	19.04	19.13	19.01		
5	QPSK	12	0	19.13	19.04	19.12	20	0
5	QPSK	12	7	19.02	18.98	19.03		
5	QPSK	12	13	18.96	19.02	18.92		
5	QPSK	25	0	18.96	18.96	19.08		
5	16QAM	1	0	18.88	18.94	18.98	20	0
5	16QAM	1	12	19.01	19.03	19.04		
5	16QAM	1	24	18.96	19.01	18.95		
5	16QAM	12	0	18.9	18.9	19	20	0
5	16QAM	12	7	19.13	19.11	19.09		
5	16QAM	12	13	18.99	18.96	19.04		
5	16QAM	25	0	18.98	18.99	18.97		
5	64QAM	1	0	18.97	19.05	19.07	20	0
5	64QAM	1	12	18.88	18.87	18.9		
5	64QAM	1	24	19.12	19.04	19.16		
5	64QAM	12	0	19.05	18.99	19.07	20	0
5	64QAM	12	7	19.11	19.05	19.06		
5	64QAM	12	13	19.12	19.06	19.12		
5	64QAM	25	0	19.05	19.06	19.02		
5	256QAM	1	0	19.08	19.05	19.01	20	0
5	256QAM	1	12	19.02	19.05	18.96		
5	256QAM	1	24	19.12	18.99	19.12		
5	256QAM	12	0	19.04	19.04	19.04	20	0
5	256QAM	12	7	19.03	19.05	19.14		
5	256QAM	12	13	19.11	19.02	19.06		
5	256QAM	25	0	19.07	19.07	19.12		

Band 66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.29	21.49	21.38	22.5	0
20	QPSK	1	49	21.38	21.41	21.43		
20	QPSK	1	99	21.36	21.43	21.23		
20	QPSK	50	0	21.39	21.41	21.37	22.5	0
20	QPSK	50	24	21.25	21.37	21.2		
20	QPSK	50	50	21.19	21.35	21.25		
20	QPSK	100	0	21.23	21.35	21.21		
20	16QAM	1	0	21.21	21.41	21.27	22.5	0
20	16QAM	1	49	21.36	21.4	21.42		
20	16QAM	1	99	21.35	21.33	21.15		
20	16QAM	50	0	21.38	21.39	21.26	22.5	0
20	16QAM	50	24	21.17	21.38	21.33		
20	16QAM	50	50	21.36	21.3	21.38		
20	16QAM	100	0	21.26	21.31	21.19		
20	64QAM	1	0	21.24	21.46	21.29	22.5	0
20	64QAM	1	49	21.35	21.35	21.42		
20	64QAM	1	99	21.24	21.32	21.21		
20	64QAM	50	0	20.97	21.07	20.96	22	0.5
20	64QAM	50	24	20.91	20.98	20.93		
20	64QAM	50	50	20.94	21.06	21.04		
20	64QAM	100	0	20.99	21.07	21.04		
20	256QAM	1	0	18.89	18.95	18.92	20	2.5
20	256QAM	1	49	18.87	18.91	18.80		
20	256QAM	1	99	18.91	18.92	18.79		
20	256QAM	50	0	18.87	18.95	18.85	20	2.5
20	256QAM	50	24	18.79	18.86	18.80		
20	256QAM	50	50	18.84	18.87	18.79		
20	256QAM	100	0	18.87	18.88	18.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.38	21.38	21.36	22.5	0
15	QPSK	1	37	21.32	21.38	21.36		
15	QPSK	1	74	21.41	21.34	21.31		
15	QPSK	36	0	21.3	21.39	21.4	22.5	0
15	QPSK	36	20	21.33	21.29	21.28		
15	QPSK	36	39	21.3	21.28	21.25		
15	QPSK	75	0	21.22	21.26	21.34		
15	16QAM	1	0	21.38	21.34	21.4	22.5	0
15	16QAM	1	37	21.35	21.35	21.34		
15	16QAM	1	74	21.28	21.31	21.27		
15	16QAM	36	0	21.34	21.32	21.35	22.5	0
15	16QAM	36	20	21.27	21.26	21.35		
15	16QAM	36	39	21.22	21.21	21.26		
15	16QAM	75	0	21.27	21.25	21.26		
15	64QAM	1	0	21.37	21.33	21.38	22.5	0
15	64QAM	1	37	21.33	21.21	21.25		
15	64QAM	1	74	21.22	21.27	21.19		
15	64QAM	36	0	20.99	21.03	20.99	22	0.5
15	64QAM	36	20	20.91	20.96	20.93		
15	64QAM	36	39	21	21.04	20.98		
15	64QAM	75	0	21.01	20.99	20.97		
15	256QAM	1	0	18.77	18.86	18.86	20	2.5
15	256QAM	1	37	18.90	18.87	18.88		
15	256QAM	1	74	18.84	18.73	18.79		
15	256QAM	36	0	18.83	18.79	18.92	20	2.5
15	256QAM	36	20	18.71	18.68	18.78		
15	256QAM	36	39	18.67	18.69	18.78		
15	256QAM	75	0	18.71	18.70	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.38	21.42	21.44	22.5	0
10	QPSK	1	25	21.34	21.35	21.39		
10	QPSK	1	49	21.35	21.39	21.33		
10	QPSK	25	0	21.4	21.3	21.4	22.5	0
10	QPSK	25	12	21.27	21.27	21.24		
10	QPSK	25	25	21.3	21.31	21.25		
10	QPSK	50	0	21.22	21.31	21.29		
10	16QAM	1	0	21.38	21.32	21.39	22.5	0
10	16QAM	1	25	21.27	21.31	21.32		
10	16QAM	1	49	21.25	21.32	21.28		
10	16QAM	25	0	21.37	21.35	21.32	22.5	0
10	16QAM	25	12	21.3	21.29	21.25		
10	16QAM	25	25	21.17	21.25	21.29		
10	16QAM	50	0	21.23	21.18	21.24		
10	64QAM	1	0	21.31	21.45	21.4	22.5	0
10	64QAM	1	25	21.34	21.21	21.23		
10	64QAM	1	49	21.27	21.27	21.27		
10	64QAM	25	0	21.01	20.99	20.98	22	0.5
10	64QAM	25	12	20.94	20.9	20.95		
10	64QAM	25	25	21.03	21.02	21.02		
10	64QAM	50	0	21.01	21	21		
10	256QAM	1	0	18.77	18.77	18.77	20	2.5
10	256QAM	1	25	18.84	18.74	18.79		
10	256QAM	1	49	18.74	18.78	18.89		
10	256QAM	25	0	18.90	18.88	18.84	20	2.5
10	256QAM	25	12	18.75	18.76	18.67		
10	256QAM	25	25	18.71	18.78	18.77		
10	256QAM	50	0	18.74	18.81	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.43	21.36	21.47	22.5	0
5	QPSK	1	12	21.32	21.35	21.39		
5	QPSK	1	24	21.34	21.31	21.35		
5	QPSK	12	0	21.29	21.28	21.3	22.5	0
5	QPSK	12	7	21.24	21.28	21.35		
5	QPSK	12	13	21.24	21.26	21.29		
5	QPSK	25	0	21.32	21.25	21.33		
5	16QAM	1	0	21.32	21.37	21.3	22.5	0
5	16QAM	1	12	21.28	21.3	21.35		
5	16QAM	1	24	21.32	21.26	21.27		
5	16QAM	12	0	21.38	21.27	21.33	22.5	0
5	16QAM	12	7	21.28	21.29	21.3		
5	16QAM	12	13	21.25	21.19	21.19		
5	16QAM	25	0	21.2	21.2	21.27		
5	64QAM	1	0	21.35	21.39	21.31	22.5	0
5	64QAM	1	12	21.31	21.28	21.21		
5	64QAM	1	24	21.28	21.25	21.31		
5	64QAM	12	0	21.05	21	21.06	22	0.5
5	64QAM	12	7	20.9	20.93	20.97		
5	64QAM	12	13	20.98	21.01	21.03		
5	64QAM	25	0	21.06	21.06	20.99		
5	256QAM	1	0	18.91	18.77	18.93	20	2.5
5	256QAM	1	12	18.86	18.80	18.75		
5	256QAM	1	24	18.73	18.79	18.90		
5	256QAM	12	0	18.80	18.88	18.86	20	2.5
5	256QAM	12	7	18.66	18.77	18.73		
5	256QAM	12	13	18.77	18.70	18.77		
5	256QAM	25	0	18.84	18.85	18.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.46	21.43	21.36	22.5	0
3	QPSK	1	8	21.3	21.29	21.29		
3	QPSK	1	14	21.36	21.35	21.36		
3	QPSK	8	0	21.4	21.4	21.4	22.5	0
3	QPSK	8	4	21.33	21.36	21.28		
3	QPSK	8	7	21.32	21.33	21.22		
3	QPSK	15	0	21.27	21.3	21.22		
3	16QAM	1	0	21.38	21.37	21.3	22.5	0
3	16QAM	1	8	21.3	21.32	21.37		
3	16QAM	1	14	21.2	21.27	21.32		
3	16QAM	8	0	21.38	21.34	21.3	22.5	0
3	16QAM	8	4	21.27	21.27	21.35		
3	16QAM	8	7	21.22	21.26	21.22		
3	16QAM	15	0	21.28	21.18	21.25		
3	64QAM	1	0	21.4	21.41	21.39	22.5	0
3	64QAM	1	8	21.29	21.21	21.28		
3	64QAM	1	14	21.2	21.28	21.18		
3	64QAM	8	0	21.04	21.01	21	22	0.5
3	64QAM	8	4	20.96	20.89	20.97		
3	64QAM	8	7	21.03	20.97	20.98		
3	64QAM	15	0	20.98	21.05	21.02		
3	256QAM	1	0	18.85	18.85	18.80	20	2.5
3	256QAM	1	8	18.85	18.80	18.88		
3	256QAM	1	14	18.83	18.73	18.75		
3	256QAM	8	0	18.92	18.79	18.82	20	2.5
3	256QAM	8	4	18.79	18.76	18.78		
3	256QAM	8	7	18.75	18.70	18.85		
3	256QAM	15	0	18.84	18.82	18.76		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.36	21.46	21.4	22.5	0
1.4	QPSK	1	3	21.35	21.32	21.38		
1.4	QPSK	1	5	21.31	21.4	21.3		
1.4	QPSK	3	0	21.38	21.28	21.36		
1.4	QPSK	3	1	21.25	21.34	21.33		
1.4	QPSK	3	3	21.28	21.24	21.28		
1.4	QPSK	6	0	21.27	21.27	21.28	22.5	0
1.4	16QAM	1	0	21.37	21.28	21.29	22.5	0
1.4	16QAM	1	3	21.34	21.32	21.3		
1.4	16QAM	1	5	21.27	21.26	21.32		
1.4	16QAM	3	0	21.28	21.38	21.36		
1.4	16QAM	3	1	21.27	21.3	21.34		
1.4	16QAM	3	3	21.26	21.29	21.29		
1.4	16QAM	6	0	21.18	21.22	21.26	22.5	0
1.4	64QAM	1	0	21.41	21.43	21.45	22.5	0
1.4	64QAM	1	3	21.31	21.2	21.24		
1.4	64QAM	1	5	21.2	21.19	21.3		
1.4	64QAM	3	0	21.03	21.04	20.98		
1.4	64QAM	3	1	20.9	20.96	20.97		
1.4	64QAM	3	3	21.01	20.96	21.04		
1.4	64QAM	6	0	21.02	21.05	21.06	22	0.5
1.4	256QAM	1	0	18.78	18.85	18.91	20	2.5
1.4	256QAM	1	3	18.74	18.75	18.82		
1.4	256QAM	1	5	18.72	18.74	18.87		
1.4	256QAM	3	0	18.75	18.94	18.77		
1.4	256QAM	3	1	18.77	18.72	18.81		
1.4	256QAM	3	3	18.74	18.85	18.84		
1.4	256QAM	6	0	18.78	18.74	18.69	20	2.5

Band 66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.27	24.29	24.25	25	0
20	QPSK	1	49	24.28	24.17	24.21		
20	QPSK	1	99	24.22	24.12	24.198		
20	QPSK	50	0	23.25	23.27	23.13	24	1
20	QPSK	50	24	23.24	23.23	23.21		
20	QPSK	50	50	23.24	23.17	23.21		
20	QPSK	100	0	23.25	23.26	23.19		
20	16QAM	1	0	22.88	22.97	22.81	24	1
20	16QAM	1	49	22.73	22.81	22.66		
20	16QAM	1	99	22.81	22.92	22.83		
20	16QAM	50	0	22.2	22.21	22.07	23	2
20	16QAM	50	24	22.14	22.24	22.11		
20	16QAM	50	50	22.07	22.16	22		
20	16QAM	100	0	22.12	22.17	22.09		
20	64QAM	1	0	22.22	22.28	22.18	23	2
20	64QAM	1	49	22.35	22.37	22.29		
20	64QAM	1	99	22.26	22.27	22.16		
20	64QAM	50	0	21.16	21.23	21.17	22	3
20	64QAM	50	24	21.18	21.21	21.14		
20	64QAM	50	50	21.14	21.15	21.02		
20	64QAM	100	0	21.28	21.29	21.18		
20	256QAM	1	0	19.04	19.05	18.90	20	5
20	256QAM	1	49	19.11	19.16	19.01		
20	256QAM	1	99	19.02	19.06	18.96		
20	256QAM	50	0	19.20	19.23	19.15	20	5
20	256QAM	50	24	19.20	19.27	19.20		
20	256QAM	50	50	19.22	19.22	19.13		
20	256QAM	100	0	19.21	19.24	19.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.13	24.2	25	0
15	QPSK	1	37	24.19	24.09	24.11		
15	QPSK	1	74	24.07	24.01	24.058		
15	QPSK	36	0	23.13	23.15	23.07	24	1
15	QPSK	36	20	23.18	23.08	23.11		
15	QPSK	36	39	23.13	23.09	23.16		
15	QPSK	75	0	23.12	23.13	23.05		
15	16QAM	1	0	22.73	22.83	22.69	24	1
15	16QAM	1	37	22.68	22.75	22.59		
15	16QAM	1	74	22.75	22.83	22.74		
15	16QAM	36	0	22.08	22.13	21.98	23	2
15	16QAM	36	20	22.03	22.13	22.06		
15	16QAM	36	39	22.01	22.02	21.9		
15	16QAM	75	0	21.96	22.09	21.95		
15	64QAM	1	0	22.17	22.18	22.05	23	2
15	64QAM	1	37	22.23	22.28	22.22		
15	64QAM	1	74	22.12	22.15	22.11		
15	64QAM	36	0	21.03	21.11	21.05	22	3
15	64QAM	36	20	21.05	21.11	21		
15	64QAM	36	39	21.03	21.02	20.93		
15	64QAM	75	0	21.19	21.2	21.11		
15	256QAM	1	0	18.90	18.93	18.79	20	5
15	256QAM	1	37	19.00	19.05	18.92		
15	256QAM	1	74	18.88	18.98	18.87		
15	256QAM	36	0	19.11	19.11	19.08	20	5
15	256QAM	36	20	19.10	19.16	19.08		
15	256QAM	36	39	19.12	19.07	19.05		
15	256QAM	75	0	19.10	19.12	19.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.12	24.19	24.12	25	0
10	QPSK	1	25	24.15	24.08	24.12		
10	QPSK	1	49	24.12	23.96	24.118		
10	QPSK	25	0	23.15	23.16	23.08	24	1
10	QPSK	25	12	23.18	23.11	23.14		
10	QPSK	25	25	23.14	23.07	23.15		
10	QPSK	50	0	23.16	23.14	23.03		
10	16QAM	1	0	22.77	22.85	22.66	24	1
10	16QAM	1	25	22.6	22.73	22.61		
10	16QAM	1	49	22.72	22.86	22.75		
10	16QAM	25	0	22.15	22.13	21.94	23	2
10	16QAM	25	12	22.02	22.14	21.96		
10	16QAM	25	25	22.02	22.09	21.91		
10	16QAM	50	0	21.98	22.11	21.93		
10	64QAM	1	0	22.15	22.12	22.08	23	2
10	64QAM	1	25	22.27	22.3	22.24		
10	64QAM	1	49	22.21	22.2	22.08		
10	64QAM	25	0	21.1	21.09	21.08	22	3
10	64QAM	25	12	21.11	21.11	20.98		
10	64QAM	25	25	21.06	21.09	20.87		
10	64QAM	50	0	21.15	21.22	21.02		
10	256QAM	1	0	18.95	18.92	18.80	20	5
10	256QAM	1	25	18.95	19.03	18.92		
10	256QAM	1	49	18.91	18.95	18.86		
10	256QAM	25	0	19.07	19.18	19.07	20	5
10	256QAM	25	12	19.07	19.16	19.12		
10	256QAM	25	25	19.12	19.09	19.03		
10	256QAM	50	0	19.05	19.13	19.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.15	24.15	25	0
5	QPSK	1	12	24.22	24.05	24.08		
5	QPSK	1	24	24.16	24.06	24.038		
5	QPSK	12	0	23.13	23.16	23.01	24	1
5	QPSK	12	7	23.16	23.15	23.12		
5	QPSK	12	13	23.09	23.06	23.13		
5	QPSK	25	0	23.11	23.11	23.08		
5	16QAM	1	0	22.78	22.92	22.75	24	1
5	16QAM	1	12	22.59	22.65	22.61		
5	16QAM	1	24	22.69	22.84	22.78		
5	16QAM	12	0	22.07	22.06	21.97	23	2
5	16QAM	12	7	22.05	22.18	22.06		
5	16QAM	12	13	21.96	22.07	21.93		
5	16QAM	25	0	22.03	22.06	22		
5	64QAM	1	0	22.08	22.14	22.1	23	2
5	64QAM	1	12	22.28	22.26	22.19		
5	64QAM	1	24	22.12	22.12	22.05		
5	64QAM	12	0	21.1	21.08	21.02	22	3
5	64QAM	12	7	21.09	21.09	21.09		
5	64QAM	12	13	21.04	21.06	20.86		
5	64QAM	25	0	21.15	21.21	21.13		
5	256QAM	1	0	18.88	18.94	18.83	20	5
5	256QAM	1	12	18.99	19.08	18.95		
5	256QAM	1	24	18.90	18.98	18.91		
5	256QAM	12	0	19.13	19.14	19.10	20	5
5	256QAM	12	7	19.13	19.12	19.13		
5	256QAM	12	13	19.17	19.16	18.97		
5	256QAM	25	0	19.06	19.14	19.11		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.23	24.15	25	0
3	QPSK	1	8	24.19	24.11	24.07		
3	QPSK	1	14	24.07	24.07	24.038		
3	QPSK	8	0	23.17	23.18	23.07	24	1
3	QPSK	8	4	23.14	23.1	23.09		
3	QPSK	8	7	23.18	23.02	23.06		
3	QPSK	15	0	23.2	23.19	23.08		
3	16QAM	1	0	22.81	22.87	22.66	24	1
3	16QAM	1	8	22.61	22.74	22.61		
3	16QAM	1	14	22.76	22.77	22.68		
3	16QAM	8	0	22.09	22.11	21.92	23	2
3	16QAM	8	4	22.02	22.17	22.03		
3	16QAM	8	7	21.96	22.05	21.88		
3	16QAM	15	0	22.04	22.02	21.96		
3	64QAM	1	0	22.15	22.23	22.08	23	2
3	64QAM	1	8	22.23	22.24	22.21		
3	64QAM	1	14	22.15	22.18	22.03		
3	64QAM	8	0	21.02	21.08	21.11	22	3
3	64QAM	8	4	21.12	21.13	21.06		
3	64QAM	8	7	21.06	21	20.88		
3	64QAM	15	0	21.12	21.17	21.08		
3	256QAM	1	0	18.90	18.90	18.76	20	5
3	256QAM	1	8	18.99	19.11	18.92		
3	256QAM	1	14	18.93	19.00	18.91		
3	256QAM	8	0	19.07	19.07	19.04	20	5
3	256QAM	8	4	19.09	19.11	19.14		
3	256QAM	8	7	19.07	19.09	19.04		
3	256QAM	15	0	19.16	19.12	19.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.14	24.24	24.19	25	0
1.4	QPSK	1	3	24.18	24.1	24.06		
1.4	QPSK	1	5	24.07	24.06	24.138		
1.4	QPSK	3	0	24.2	24.2	24.03		
1.4	QPSK	3	1	24.1	24.18	24.11		
1.4	QPSK	3	3	24.17	24.04	24.15		
1.4	QPSK	6	0	23.17	23.17	23.09	25	0
1.4	16QAM	1	0	22.73	22.92	22.65	25	0
1.4	16QAM	1	3	22.67	22.73	22.57		
1.4	16QAM	1	5	22.72	22.79	22.74		
1.4	16QAM	3	0	23.05	23.16	22.93		
1.4	16QAM	3	1	22.99	23.08	23.06		
1.4	16QAM	3	3	22.97	23.08	22.94		
1.4	16QAM	6	0	22	22.04	21.96	25	0
1.4	64QAM	1	0	22.06	22.13	22.1	25	0
1.4	64QAM	1	3	22.2	22.31	22.23		
1.4	64QAM	1	5	22.13	22.2	22.08		
1.4	64QAM	3	0	22	22.11	22.11		
1.4	64QAM	3	1	22.1	22.12	22.06		
1.4	64QAM	3	3	22.01	22.01	22.03		
1.4	64QAM	6	0	21.22	21.18	21.04	24.5	0.5
1.4	256QAM	1	0	18.92	18.95	18.78	22.5	2.5
1.4	256QAM	1	3	19.01	19.08	18.94		
1.4	256QAM	1	5	18.97	18.90	18.86		
1.4	256QAM	3	0	19.06	19.07	19.04		
1.4	256QAM	3	1	19.06	19.20	19.07		
1.4	256QAM	3	3	19.12	19.06	19.05		
1.4	256QAM	6	0	19.08	19.19	19.05	22.5	2.5

Band 71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.91	23.95	23.92	25	0
20	QPSK	1	49	23.85	23.88	23.86		
20	QPSK	1	99	23.73	23.82	23.78		
20	QPSK	50	0	22.95	22.98	22.94	24	1
20	QPSK	50	24	22.92	22.91	22.89		
20	QPSK	50	50	22.91	22.88	22.81		
20	QPSK	100	0	22.88	22.95	22.86		
20	16QAM	1	0	23.21	23.26	23.24	24	1
20	16QAM	1	49	23.17	23.25	23.18		
20	16QAM	1	99	23.02	23.17	23.06		
20	16QAM	50	0	21.98	21.93	21.91	23	2
20	16QAM	50	24	21.92	21.91	21.9		
20	16QAM	50	50	21.93	21.89	21.88		
20	16QAM	100	0	21.96	21.85	21.89		
20	64QAM	1	0	22.47	22.32	22.39	23	2
20	64QAM	1	49	22.24	22.3	22.29		
20	64QAM	1	99	22.23	22.29	22.17		
20	64QAM	50	0	21.25	21.23	21.24	22	3
20	64QAM	50	24	21.28	21.21	21.22		
20	64QAM	50	50	21.18	21.15	21.16		
20	64QAM	100	0	21.25	21.23	21.21		
20	256QAM	1	0	18.82	18.84	18.85	20	5
20	256QAM	1	49	18.92	18.99	18.90		
20	256QAM	1	99	18.99	18.97	18.98		
20	256QAM	50	0	18.80	18.81	18.83	20	5
20	256QAM	50	24	18.85	18.83	18.79		
20	256QAM	50	50	18.76	18.74	18.78		
20	256QAM	100	0	18.70	18.74	18.64		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.87	23.9	23.93	25	0
15	QPSK	1	37	23.78	23.87	23.81		
15	QPSK	1	74	23.7	23.78	23.7		
15	QPSK	36	0	22.85	22.91	22.83	24	1
15	QPSK	36	20	22.88	22.88	22.84		
15	QPSK	36	39	22.87	22.82	22.72		
15	QPSK	75	0	22.84	22.93	22.79		
15	16QAM	1	0	23.13	23.17	23.19	24	1
15	16QAM	1	37	23.08	23.21	23.17		
15	16QAM	1	74	23.01	23.17	23.02		
15	16QAM	36	0	21.91	21.88	21.9	23	2
15	16QAM	36	20	21.93	21.83	21.8		
15	16QAM	36	39	21.87	21.84	21.8		
15	16QAM	75	0	21.89	21.8	21.88		
15	64QAM	1	0	22.47	22.29	22.36	23	2
15	64QAM	1	37	22.17	22.24	22.22		
15	64QAM	1	74	22.15	22.25	22.09		
15	64QAM	36	0	21.22	21.14	21.21	22	3
15	64QAM	36	20	21.2	21.15	21.17		
15	64QAM	36	39	21.13	21.16	21.09		
15	64QAM	75	0	21.16	21.17	21.15		
15	256QAM	1	0	18.79	18.85	18.82	20	5
15	256QAM	1	37	18.85	18.95	18.98		
15	256QAM	1	74	18.99	18.94	18.91		
15	256QAM	36	0	18.74	18.79	18.82	20	5
15	256QAM	36	20	18.82	18.77	18.76		
15	256QAM	36	39	18.71	18.71	18.68		
15	256QAM	75	0	18.61	18.68	18.75		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.87	23.87	23.89	25	0
10	QPSK	1	25	23.84	23.84	23.81		
10	QPSK	1	49	23.74	23.7	23.75		
10	QPSK	25	0	22.9	22.9	22.91	24	1
10	QPSK	25	12	22.88	22.85	22.82		
10	QPSK	25	25	22.8	22.84	22.76		
10	QPSK	50	0	22.85	22.9	22.81		
10	16QAM	1	0	23.12	23.22	23.16	24	1
10	16QAM	1	25	23.13	23.2	23.17		
10	16QAM	1	49	22.92	23.06	23		
10	16QAM	25	0	21.92	21.87	21.89	23	2
10	16QAM	25	12	21.85	21.87	21.88		
10	16QAM	25	25	21.91	21.84	21.84		
10	16QAM	50	0	21.94	21.76	21.84		
10	64QAM	1	0	22.36	22.26	22.3	23	2
10	64QAM	1	25	22.18	22.22	22.25		
10	64QAM	1	49	22.19	22.22	22.07		
10	64QAM	25	0	21.23	21.15	21.18	22	3
10	64QAM	25	12	21.2	21.16	21.19		
10	64QAM	25	25	21.14	21.14	21.15		
10	64QAM	50	0	21.18	21.17	21.14		
10	256QAM	1	0	18.88	18.78	18.82	20	5
10	256QAM	1	25	18.90	19.02	18.96		
10	256QAM	1	49	19.02	18.95	18.97		
10	256QAM	25	0	18.74	18.82	18.78	20	5
10	256QAM	25	12	18.80	18.76	18.78		
10	256QAM	25	25	18.71	18.73	18.67		
10	256QAM	50	0	18.62	18.67	18.73		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.87	23.91	23.9	25	0
5	QPSK	1	12	23.79	23.87	23.84		
5	QPSK	1	24	23.66	23.79	23.7		
5	QPSK	12	0	22.95	22.92	22.88	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.88	22.84	22.76		
5	QPSK	25	0	22.87	22.91	22.81		
5	16QAM	1	0	23.16	23.2	23.15	24	1
5	16QAM	1	12	23.16	23.16	23.09		
5	16QAM	1	24	22.97	23.12	23.07		
5	16QAM	12	0	21.98	21.83	21.89	23	2
5	16QAM	12	7	21.84	21.86	21.82		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.86	21.81	21.83		
5	64QAM	1	0	22.36	22.27	22.35	23	2
5	64QAM	1	12	22.19	22.26	22.25		
5	64QAM	1	24	22.12	22.3	22.08		
5	64QAM	12	0	21.2	21.12	21.23	22	3
5	64QAM	12	7	21.19	21.14	21.17		
5	64QAM	12	13	21.16	21.1	21.1		
5	64QAM	25	0	21.18	21.2	21.12		
5	256QAM	1	0	18.87	18.82	18.79	20	5
5	256QAM	1	12	18.92	18.99	18.93		
5	256QAM	1	24	18.98	18.97	18.98		
5	256QAM	12	0	18.82	18.75	18.84	20	5
5	256QAM	12	7	18.81	18.76	18.73		
5	256QAM	12	13	18.74	18.77	18.66		
5	256QAM	25	0	18.67	18.71	18.72		

Band 38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.31	20.39	20.27	21	0
20	QPSK	1	49	20.23	20.31	20.15		
20	QPSK	1	99	20.13	20.28	20.11		
20	QPSK	50	0	20.22	20.31	20.18	21	0
20	QPSK	50	24	20.2	20.29	20.22		
20	QPSK	50	50	20.16	20.24	20.08		
20	QPSK	100	0	20.05	20.19	20.01		
20	16QAM	1	0	20.19	20.27	20.11	21	0
20	16QAM	1	49	20.04	20.18	19.99		
20	16QAM	1	99	20.04	20.16	19.98		
20	16QAM	50	0	20.15	20.21	20.1	21	0
20	16QAM	50	24	20.04	20.23	20.04		
20	16QAM	50	50	19.96	20.15	19.98		
20	16QAM	100	0	20.11	20.25	20.19		
20	64QAM	1	0	20.15	20.19	19.98	21	0
20	64QAM	1	49	20.04	20.14	19.92		
20	64QAM	1	99	20.11	20.22	20.16		
20	64QAM	50	0	20.09	20.11	20.01	21	0
20	64QAM	50	24	20.03	20.12	20.03		
20	64QAM	50	50	19.87	20.03	19.87		
20	64QAM	100	0	20.04	20.19	20.01		
20	256QAM	1	0	18.53	18.61	18.45	19.5	1.5
20	256QAM	1	49	18.45	18.52	18.33		
20	256QAM	1	99	18.58	18.67	18.65		
20	256QAM	50	0	18.57	18.51	18.41	19.5	1.5
20	256QAM	50	24	18.49	18.53	18.47		
20	256QAM	50	50	18.36	18.43	18.31		
20	256QAM	100	0	18.50	18.65	18.48		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.3	20.34	20.23	21	0
15	QPSK	1	37	20.18	20.27	20.1		
15	QPSK	1	74	20.05	20.2	20.08		
15	QPSK	36	0	20.18	20.21	20.13	21	0
15	QPSK	36	20	20.19	20.21	20.19		
15	QPSK	36	39	20.08	20.18	19.97		
15	QPSK	75	0	19.95	20.08	19.89		
15	16QAM	1	0	20.09	20.22	20.04	21	0
15	16QAM	1	37	19.95	20.14	19.87		
15	16QAM	1	74	20	20.09	19.92		
15	16QAM	36	0	20.1	20.15	20	21	0
15	16QAM	36	20	19.98	20.21	20.01		
15	16QAM	36	39	19.87	20.04	19.92		
15	16QAM	75	0	20.09	20.22	20.16		
15	64QAM	1	0	20.13	20.18	19.94	21	0
15	64QAM	1	37	19.94	20.09	19.9		
15	64QAM	1	74	20	20.19	20.09		
15	64QAM	36	0	20	20.09	19.97	21	0
15	64QAM	36	20	20	20	19.92		
15	64QAM	36	39	19.76	19.91	19.85		
15	64QAM	75	0	19.94	20.15	19.91		
15	256QAM	1	0	18.52	18.49	18.36	19.5	1.5
15	256QAM	1	37	18.38	18.49	18.28		
15	256QAM	1	74	18.54	18.62	18.61		
15	256QAM	36	0	18.45	18.45	18.36	19.5	1.5
15	256QAM	36	20	18.43	18.52	18.45		
15	256QAM	36	39	18.30	18.35	18.26		
15	256QAM	75	0	18.40	18.62	18.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.26	20.29	20.18	21	0
10	QPSK	1	25	20.13	20.19	20.14		
10	QPSK	1	49	20.11	20.27	20		
10	QPSK	25	0	20.19	20.24	20.09	21	0
10	QPSK	25	12	20.13	20.25	20.21		
10	QPSK	25	25	20.09	20.14	19.99		
10	QPSK	50	0	20	20.11	20		
10	16QAM	1	0	20.11	20.22	20.02	21	0
10	16QAM	1	25	20.01	20.08	19.91		
10	16QAM	1	49	20.03	20.15	19.86		
10	16QAM	25	0	20.14	20.11	20.06	21	0
10	16QAM	25	12	20.03	20.14	19.99		
10	16QAM	25	25	19.9	20.11	19.86		
10	16QAM	50	0	20	20.18	20.11		
10	64QAM	1	0	20.05	20.18	19.87	21	0
10	64QAM	1	25	19.95	20.07	19.91		
10	64QAM	1	49	20.06	20.21	20.04		
10	64QAM	25	0	20.07	20.01	19.97	21	0
10	64QAM	25	12	20.02	20.03	19.91		
10	64QAM	25	25	19.83	19.99	19.79		
10	64QAM	50	0	19.92	20.17	19.97		
10	256QAM	1	0	18.42	18.59	18.37	19.5	1.5
10	256QAM	1	25	18.33	18.50	18.22		
10	256QAM	1	49	18.46	18.63	18.60		
10	256QAM	25	0	18.45	18.41	18.40	19.5	1.5
10	256QAM	25	12	18.40	18.52	18.37		
10	256QAM	25	25	18.24	18.34	18.26		
10	256QAM	50	0	18.47	18.62	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.19	20.34	20.24	21	0
5	QPSK	1	12	20.16	20.2	20.04		
5	QPSK	1	24	20.09	20.26	20.1		
5	QPSK	12	0	20.16	20.3	20.11	21	0
5	QPSK	12	7	20.19	20.19	20.14		
5	QPSK	12	13	20.07	20.21	19.98		
5	QPSK	25	0	20.02	20.18	19.96		
5	16QAM	1	0	20.14	20.15	20.09	21	0
5	16QAM	1	12	19.97	20.12	19.92		
5	16QAM	1	24	19.92	20.08	19.89		
5	16QAM	12	0	20.14	20.18	19.98	21	0
5	16QAM	12	7	19.99	20.22	20.02		
5	16QAM	12	13	19.89	20.12	19.97		
5	16QAM	25	0	20.04	20.16	20.15		
5	64QAM	1	0	20.08	20.1	19.9	21	0
5	64QAM	1	12	19.93	20.04	19.89		
5	64QAM	1	24	20.06	20.14	20.14		
5	64QAM	12	0	19.97	20.08	19.94	21	0
5	64QAM	12	7	19.94	20.03	20.01		
5	64QAM	12	13	19.8	19.96	19.84		
5	64QAM	25	0	20.02	20.11	19.9		
5	256QAM	1	0	18.41	18.55	18.38	19.5	1.5
5	256QAM	1	12	18.40	18.43	18.28		
5	256QAM	1	24	18.50	18.59	18.62		
5	256QAM	12	0	18.50	18.40	18.38	19.5	1.5
5	256QAM	12	7	18.48	18.47	18.44		
5	256QAM	12	13	18.27	18.41	18.22		
5	256QAM	25	0	18.48	18.53	18.46		

Band 38_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.62	23.69	23.62	24.5	0
20	QPSK	1	49	23.58	23.57	23.59		
20	QPSK	1	99	23.57	23.56	23.58		
20	QPSK	50	0	22.47	22.58	22.41	23.5	1
20	QPSK	50	24	22.57	22.45	22.47		
20	QPSK	50	50	22.51	22.47	22.57		
20	QPSK	100	0	22.54	22.57	22.43		
20	16QAM	1	0	22.25	22.33	22.26	23.5	1
20	16QAM	1	49	22.24	22.25	22.24		
20	16QAM	1	99	22.2	22.23	22.24		
20	16QAM	50	0	21.4	21.46	21.51	22.5	2
20	16QAM	50	24	21.44	21.52	21.5		
20	16QAM	50	50	21.4	21.49	21.43		
20	16QAM	100	0	21.57	21.59	21.59		
20	64QAM	1	0	21.73	21.75	21.74	22.5	2
20	64QAM	1	49	21.67	21.75	21.66		
20	64QAM	1	99	21.71	21.73	21.64		
20	64QAM	50	0	20.45	20.53	20.48	21.5	3
20	64QAM	50	24	20.41	20.47	20.43		
20	64QAM	50	50	20.44	20.51	20.48		
20	64QAM	100	0	20.53	20.58	20.58		
20	256QAM	1	0	18.64	18.74	18.70	19.5	5
20	256QAM	1	49	18.62	18.69	18.59		
20	256QAM	1	99	18.66	18.75	18.64		
20	256QAM	50	0	18.44	18.55	18.53	19.5	5
20	256QAM	50	24	18.42	18.52	18.52		
20	256QAM	50	50	18.55	18.57	18.51		
20	256QAM	100	0	18.44	18.53	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.63	23.53	24.5	0
15	QPSK	1	37	23.44	23.51	23.43		
15	QPSK	1	74	23.5	23.4	23.44		
15	QPSK	36	0	22.34	22.44	22.33	23.5	1
15	QPSK	36	20	22.51	22.35	22.42		
15	QPSK	36	39	22.37	22.34	22.49		
15	QPSK	75	0	22.44	22.52	22.34		
15	16QAM	1	0	22.13	22.24	22.1	23.5	1
15	16QAM	1	37	22.17	22.18	22.12		
15	16QAM	1	74	22.13	22.11	22.16		
15	16QAM	36	0	21.26	21.31	21.4	22.5	2
15	16QAM	36	20	21.37	21.43	21.37		
15	16QAM	36	39	21.34	21.38	21.36		
15	16QAM	75	0	21.45	21.45	21.54		
15	64QAM	1	0	21.59	21.61	21.62	22.5	2
15	64QAM	1	37	21.62	21.59	21.58		
15	64QAM	1	74	21.59	21.59	21.53		
15	64QAM	36	0	20.33	20.41	20.39	21.5	3
15	64QAM	36	20	20.34	20.31	20.35		
15	64QAM	36	39	20.35	20.45	20.35		
15	64QAM	75	0	20.37	20.43	20.51		
15	256QAM	1	0	18.56	18.62	18.65	19.5	5
15	256QAM	1	37	18.55	18.55	18.5		
15	256QAM	1	74	18.58	18.66	18.55		
15	256QAM	36	0	18.34	18.44	18.46	19.5	5
15	256QAM	36	20	18.36	18.44	18.46		
15	256QAM	36	39	18.43	18.45	18.40		
15	256QAM	75	0	18.31	18.46	18.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.48	23.61	23.56	24.5	0
10	QPSK	1	25	23.48	23.5	23.53		
10	QPSK	1	49	23.47	23.49	23.45		
10	QPSK	25	0	22.32	22.52	22.3	23.5	1
10	QPSK	25	12	22.5	22.31	22.37		
10	QPSK	25	25	22.44	22.34	22.51		
10	QPSK	50	0	22.46	22.44	22.35		
10	16QAM	1	0	22.16	22.24	22.2	23.5	1
10	16QAM	1	25	22.12	22.15	22.18		
10	16QAM	1	49	22.14	22.09	22.09		
10	16QAM	25	0	21.26	21.3	21.46	22.5	2
10	16QAM	25	12	21.32	21.38	21.4		
10	16QAM	25	25	21.3	21.42	21.35		
10	16QAM	50	0	21.51	21.44	21.49		
10	64QAM	1	0	21.66	21.61	21.64	22.5	2
10	64QAM	1	25	21.56	21.67	21.6		
10	64QAM	1	49	21.55	21.66	21.57		
10	64QAM	25	0	20.37	20.48	20.41	21.5	3
10	64QAM	25	12	20.27	20.34	20.31		
10	64QAM	25	25	20.38	20.43	20.38		
10	64QAM	50	0	20.43	20.53	20.42		
10	256QAM	1	0	18.53	18.60	18.59	19.5	5
10	256QAM	1	25	18.50	18.54	18.44		
10	256QAM	1	49	18.57	18.61	18.57		
10	256QAM	25	0	18.39	18.43	18.43	19.5	5
10	256QAM	25	12	18.26	18.47	18.43		
10	256QAM	25	25	18.46	18.46	18.45		
10	256QAM	50	0	18.35	18.48	18.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.51	23.6	23.56	24.5	0
5	QPSK	1	12	23.51	23.46	23.46		
5	QPSK	1	24	23.41	23.48	23.5		
5	QPSK	12	0	22.38	22.51	22.35	23.5	1
5	QPSK	12	7	22.51	22.31	22.33		
5	QPSK	12	13	22.35	22.42	22.49		
5	QPSK	25	0	22.43	22.41	22.31		
5	16QAM	1	0	22.11	22.18	22.12	23.5	1
5	16QAM	1	12	22.13	22.13	22.19		
5	16QAM	1	24	22.08	22.18	22.18		
5	16QAM	12	0	21.35	21.32	21.38	22.5	2
5	16QAM	12	7	21.34	21.36	21.45		
5	16QAM	12	13	21.33	21.44	21.27		
5	16QAM	25	0	21.51	21.51	21.44		
5	64QAM	1	0	21.6	21.68	21.67	22.5	2
5	64QAM	1	12	21.58	21.69	21.6		
5	64QAM	1	24	21.63	21.66	21.53		
5	64QAM	12	0	20.4	20.43	20.33	21.5	3
5	64QAM	12	7	20.31	20.39	20.3		
5	64QAM	12	13	20.3	20.37	20.37		
5	64QAM	25	0	20.44	20.5	20.49		
5	256QAM	1	0	18.52	18.66	18.60	19.5	5
5	256QAM	1	12	18.48	18.55	18.51		
5	256QAM	1	24	18.54	18.68	18.59		
5	256QAM	12	0	18.35	18.49	18.40	19.5	5
5	256QAM	12	7	18.27	18.45	18.45		
5	256QAM	12	13	18.41	18.50	18.43		
5	256QAM	25	0	18.32	18.41	18.38		

Band 41_ANT 2

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	20.03	20.26	20.25	20.14	20.17	21	0
20	QPSK	1	49	19.92	20.17	20.17	20.09	20.12		
20	QPSK	1	99	19.92	20.19	20.18	20.13	20.13		
20	QPSK	50	0	20	20.21	20.16	20.06	20.08	21	0
20	QPSK	50	24	19.92	20.17	20.16	20.09	20.13		
20	QPSK	50	50	19.93	20.18	20.19	20.04	20.05		
20	QPSK	100	0	19.94	20.15	20.13	20.11	20.07		
20	16QAM	1	0	20.01	20.23	20.21	20.1	20.09	21	0
20	16QAM	1	49	19.82	20.07	20.16	19.97	20.08		
20	16QAM	1	99	19.87	20.13	20.13	20.09	20.12		
20	16QAM	50	0	19.92	20.18	20.07	20.03	19.97	21	0
20	16QAM	50	24	19.89	20.16	20.15	20.01	20.03		
20	16QAM	50	50	19.91	20.12	20.13	20.02	19.93		
20	16QAM	100	0	19.87	20.03	20.09	20.03	20		
20	64QAM	1	0	19.91	20.17	20.13	20.1	20.06	21	0
20	64QAM	1	49	19.82	20.12	20.09	20.03	20.04		
20	64QAM	1	99	19.83	20.1	20.16	20.09	20.12		
20	64QAM	50	0	19.99	20.13	20.08	19.98	19.98	21	0
20	64QAM	50	24	19.83	20.16	20.11	20.01	20.01		
20	64QAM	50	50	19.81	20.12	20.14	20.01	20.02		
20	64QAM	100	0	19.84	20.1	20.07	20.03	19.98		
20	256QAM	1	0	18.83	19.10	19.01	19.03	19.04	20	1
20	256QAM	1	49	18.75	19.07	19.04	19.01	18.93		
20	256QAM	1	99	18.82	19.02	19.10	19.05	19.10		
20	256QAM	50	0	18.87	19.12	19.04	18.92	18.94	20	1
20	256QAM	50	24	18.73	19.14	19.05	18.91	18.90		
20	256QAM	50	50	18.80	19.02	19.09	18.89	18.90		
20	256QAM	100	0	18.76	19.02	19.03	18.99	18.97		
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	20.25	20.15	20.13	20.1	21.00	0
15	QPSK	1	37	19.88	20.07	20.1	20.07	20.02		
15	QPSK	1	74	19.84	20.1	20.08	20.07	20.05		
15	QPSK	36	0	19.89	20.18	20.14	19.94	20.01	21	0
15	QPSK	36	20	19.87	20.14	20.13	20.07	20.1		
15	QPSK	36	39	19.86	20.16	20.15	19.95	20.02		
15	QPSK	75	0	19.89	20.05	20.08	20.03	20.05		
15	16QAM	1	0	19.95	20.2	20.11	20.05	20.03	21	0
15	16QAM	1	37	19.77	20.05	20.15	19.87	20		
15	16QAM	1	74	19.75	20.01	20.03	19.98	20.07		
15	16QAM	36	0	19.88	20.16	19.98	20.02	19.95	21	0
15	16QAM	36	20	19.8	20.12	20.12	19.94	20		
15	16QAM	36	39	19.88	20	20.04	19.92	19.82		
15	16QAM	75	0	19.77	19.92	20.06	19.97	19.93		
15	64QAM	1	0	19.79	20.07	20.1	19.98	19.97	21	0
15	64QAM	1	37	19.76	20.03	19.99	20	20.01		
15	64QAM	1	74	19.74	20	20.06	20	20.05		
15	64QAM	36	0	19.94	20.06	20.05	19.95	19.9	21	0
15	64QAM	36	20	19.71	20.1	20.05	19.91	19.89		
15	64QAM	36	39	19.75	20.04	20.03	19.93	19.93		
15	64QAM	75	0	19.8	20.06	19.99	20.02	19.96		
15	256QAM	1	0	18.75	19.03	18.93	18.92	19.01	20	1
15	256QAM	1	37	18.69	18.98	18.96	18.98	18.92		
15	256QAM	1	74	18.76	18.96	19.03	18.95	19.03		
15	256QAM	36	0	18.81	19.03	18.96	18.85	18.92	20	1
15	256QAM	36	20	18.69	19.10	18.94	18.80	18.88		
15	256QAM	36	39	18.70	18.90	19.06	18.79	18.84		
15	256QAM	75	0	18.75	18.94	18.96	18.88	18.94		
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	20.22	20.19	20.11	20.08	21.00	0
10	QPSK	1	25	19.87	20.07	20.14	20	20.11		
10	QPSK	1	49	19.84	20.08	20.17	20.04	20.08		
10	QPSK	25	0	19.93	20.19	20.13	19.97	20.04	21	0
10	QPSK	25	12	19.83	20.11	20.08	19.99	20.05		
10	QPSK	25	25	19.84	20.11	20.17	19.94	20.04		
10	QPSK	50	0	19.85	20.14	20.08	20.05	19.95		
10	16QAM	1	0	19.89	20.19	20.2	20.04	20.03	21	0
10	16QAM	1	25	19.73	20.04	20.05	19.9	19.98		
10	16QAM	1	49	19.82	20.05	20.07	20	20.06		
10	16QAM	25	0	19.88	20.08	20.05	19.94	19.92	21	0
10	16QAM	25	12	19.82	20.04	20.09	19.97	20		
10	16QAM	25	25	19.83	20	20.09	19.91	19.82		
10	16QAM	50	0	19.79	19.98	20.02	20.01	19.95		
10	64QAM	1	0	19.82	20.1	20.11	20.07	20.03	21	0
10	64QAM	1	25	19.72	20.07	19.99	19.94	19.95		
10	64QAM	1	49	19.72	19.98	20.14	20.08	20.01		
10	64QAM	25	0	19.9	20.04	20.06	19.96	19.93	21	0
10	64QAM	25	12	19.73	20.13	20.05	19.99	19.92		
10	64QAM	25	25	19.79	20.09	20.02	19.93	20.01		
10	64QAM	50	0	19.75	20.06	20.02	19.95	19.95		
10	256QAM	1	0	18.82	18.98	18.99	18.93	18.99	20	1
10	256QAM	1	25	18.72	19.04	18.97	18.96	18.83		
10	256QAM	1	49	18.71	18.97	19.03	18.98	19.00		
10	256QAM	25	0	18.79	19.03	18.92	18.85	18.82	20	1
10	256QAM	25	12	18.62	19.12	18.93	18.86	18.78		
10	256QAM	25	25	18.69	18.92	19.05	18.86	18.84		
10	256QAM	50	0	18.70	18.99	18.97	18.87	18.85		
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	20.02	20.17	20.16	20.02	20.1	21.00	0
5	QPSK	1	12	19.82	20.12	20.1	19.98	20.04		
5	QPSK	1	24	19.82	20.07	20.12	20.07	20.05		
5	QPSK	12	0	19.98	20.1	20.14	20.04	20.02	21	0
5	QPSK	12	7	19.81	20.15	20.04	20.06	20.08		
5	QPSK	12	13	19.86	20.17	20.13	19.95	19.94		
5	QPSK	25	0	19.9	20.03	20.12	20.08	20		
5	16QAM	1	0	19.89	20.19	20.18	20.06	19.97	21	0
5	16QAM	1	12	19.74	20.04	20.04	19.87	20.04		
5	16QAM	1	24	19.75	20.01	20.11	19.97	20.02		
5	16QAM	12	0	19.82	20.17	20.03	19.96	19.86	21	0
5	16QAM	12	7	19.81	20.11	20.13	19.96	19.93		
5	16QAM	12	13	19.82	20.01	20.07	19.9	19.83		
5	16QAM	25	0	19.75	19.95	20.03	19.94	19.89		
5	64QAM	1	0	19.9	20.1	20.09	20.07	20.05	21	0
5	64QAM	1	12	19.71	20.09	19.97	19.91	20.02		
5	64QAM	1	24	19.79	20.06	20.08	19.99	20.05		
5	64QAM	12	0	19.89	20.09	20.06	19.86	19.89	21	0
5	64QAM	12	7	19.8	20.13	20.01	19.9	20		
5	64QAM	12	13	19.7	20.09	20.11	19.95	19.99		
5	64QAM	25	0	19.72	20.09	20.03	20.02	19.94		
5	256QAM	1	0	18.78	19.03	18.90	18.93	18.95	20	1
5	256QAM	1	12	18.64	19.01	18.99	18.95	18.88		
5	256QAM	1	24	18.73	19.01	19.00	18.97	18.98		
5	256QAM	12	0	18.79	19.09	18.93	18.90	18.91	20	1
5	256QAM	12	7	18.66	19.13	19.04	18.83	18.88		
5	256QAM	12	13	18.70	18.92	19.08	18.83	18.86		
5	256QAM	25	0	18.72	19.00	18.91	18.98	18.90		

Band 41 HPUE_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.74	21.83	21.78	21.81	21.77	22.6	0
20	QPSK	1	49	21.62	21.81	21.71	21.8	21.7		
20	QPSK	1	99	21.63	21.78	21.75	21.71	21.71		
20	QPSK	50	0	21.72	21.78	21.68	21.72	21.69	22.6	0
20	QPSK	50	24	21.69	21.73	21.59	21.68	21.71		
20	QPSK	50	50	21.71	21.72	21.66	21.71	21.67		
20	QPSK	100	0	21.73	21.78	21.77	21.76	21.75		
20	16QAM	1	0	21.64	21.74	21.72	21.76	21.69	22.6	0
20	16QAM	1	49	21.55	21.8	21.69	21.68	21.64		
20	16QAM	1	99	21.61	21.76	21.63	21.61	21.62		
20	16QAM	50	0	21.65	21.63	21.67	21.7	21.67	22.6	0
20	16QAM	50	24	21.61	21.7	21.5	21.56	21.59		
20	16QAM	50	50	21.69	21.68	21.59	21.64	21.6		
20	16QAM	100	0	21.67	21.66	21.69	21.74	21.74		
20	64QAM	1	0	21.66	21.8	21.72	21.71	21.67	22.6	0
20	64QAM	1	49	21.5	21.7	21.6	21.68	21.6		
20	64QAM	1	99	21.59	21.71	21.7	21.69	21.66		
20	64QAM	50	0	21.71	21.72	21.58	21.7	21.68	22.6	0
20	64QAM	50	24	21.68	21.65	21.58	21.62	21.63		
20	64QAM	50	50	21.7	21.64	21.54	21.61	21.64		
20	64QAM	100	0	21.63	21.72	21.68	21.71	21.73		
20	256QAM	1	0	21.00	21.19	21.11	21.08	21.01	22	0.6
20	256QAM	1	49	20.81	21.08	20.91	21.05	20.95		
20	256QAM	1	99	20.98	21.04	21.09	21.07	21.05		
20	256QAM	50	0	21.01	21.09	20.92	21.02	21.07	22	0.6
20	256QAM	50	24	21.07	20.97	20.91	20.97	21.02		
20	256QAM	50	50	21.07	20.97	20.90	20.93	21.03		
20	256QAM	100	0	20.93	21.09	21.06	21.06	21.04		
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	21.62	21.75	21.66	21.72	21.68	22.6	0
15	QPSK	1	37	21.51	21.71	21.59	21.74	21.68		
15	QPSK	1	74	21.59	21.76	21.73	21.63	21.68		
15	QPSK	36	0	21.66	21.69	21.58	21.61	21.63	22.6	0
15	QPSK	36	20	21.63	21.64	21.58	21.65	21.63		
15	QPSK	36	39	21.68	21.62	21.57	21.69	21.62		
15	QPSK	75	0	21.68	21.74	21.73	21.75	21.74		
15	16QAM	1	0	21.62	21.68	21.7	21.68	21.65	22.6	0
15	16QAM	1	37	21.45	21.72	21.66	21.56	21.56		
15	16QAM	1	74	21.59	21.72	21.62	21.55	21.55		
15	16QAM	36	0	21.6	21.51	21.55	21.63	21.55	22.6	0
15	16QAM	36	20	21.56	21.6	21.46	21.5	21.52		
15	16QAM	36	39	21.6	21.62	21.49	21.55	21.55		
15	16QAM	75	0	21.57	21.62	21.62	21.63	21.65		
15	64QAM	1	0	21.54	21.75	21.67	21.62	21.62	22.6	0
15	64QAM	1	37	21.49	21.63	21.51	21.65	21.56		
15	64QAM	1	74	21.47	21.61	21.61	21.59	21.59		
15	64QAM	36	0	21.7	21.63	21.48	21.62	21.57	22.6	0
15	64QAM	36	20	21.63	21.63	21.53	21.56	21.56		
15	64QAM	36	39	21.69	21.52	21.49	21.54	21.62		
15	64QAM	75	0	21.53	21.65	21.64	21.6	21.65		
15	256QAM	1	0	20.96	21.12	21.02	21.03	20.92	22	0.6
15	256QAM	1	37	20.78	20.97	20.80	20.94	20.91		
15	256QAM	1	74	20.90	21.00	21.07	21.00	20.97		
15	256QAM	36	0	20.99	21.06	20.91	21.00	20.95	22	0.6
15	256QAM	36	20	21.05	20.89	20.82	20.90	20.97		
15	256QAM	36	39	21.03	20.91	20.89	20.91	20.99		
15	256QAM	75	0	20.83	20.97	21.00	20.96	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.69	21.78	21.71	21.71	21.74	23	0
10	QPSK	1	25	21.54	21.71	21.59	21.7	21.66		
10	QPSK	1	49	21.6	21.77	21.71	21.68	21.65		
10	QPSK	25	0	21.68	21.63	21.66	21.63	21.61	22.6	0
10	QPSK	25	12	21.58	21.61	21.54	21.65	21.62		
10	QPSK	25	25	21.62	21.69	21.59	21.6	21.65		
10	QPSK	50	0	21.72	21.73	21.71	21.69	21.65		
10	16QAM	1	0	21.53	21.64	21.63	21.67	21.64	22.6	0
10	16QAM	1	25	21.45	21.77	21.63	21.6	21.62		
10	16QAM	1	49	21.59	21.7	21.52	21.5	21.52		
10	16QAM	25	0	21.55	21.62	21.61	21.6	21.58	22.6	0
10	16QAM	25	12	21.55	21.61	21.49	21.44	21.57		
10	16QAM	25	25	21.66	21.65	21.48	21.56	21.49		
10	16QAM	50	0	21.63	21.62	21.59	21.7	21.71		
10	64QAM	1	0	21.65	21.74	21.6	21.62	21.55	22.6	0
10	64QAM	1	25	21.39	21.67	21.56	21.63	21.48		
10	64QAM	1	49	21.51	21.69	21.58	21.68	21.61		
10	64QAM	25	0	21.67	21.67	21.52	21.66	21.6	22.6	0
10	64QAM	25	12	21.57	21.55	21.47	21.55	21.54		
10	64QAM	25	25	21.67	21.58	21.43	21.52	21.52		
10	64QAM	50	0	21.58	21.68	21.58	21.65	21.7		
10	256QAM	1	0	20.89	21.10	21.00	20.99	20.90	22	0.6
10	256QAM	1	25	20.78	21.01	20.86	20.99	20.89		
10	256QAM	1	49	20.97	20.95	20.99	21.06	21.01		
10	256QAM	25	0	20.91	21.07	20.85	21.01	20.99	22	0.6
10	256QAM	25	12	20.98	20.90	20.83	20.92	20.92		
10	256QAM	25	25	21.04	20.89	20.80	20.87	20.91		
10	256QAM	50	0	20.92	21.01	21.02	20.99	20.94		
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	21.68	21.81	21.72	21.73	21.66	22.60	0
5	QPSK	1	12	21.5	21.8	21.64	21.72	21.68		
5	QPSK	1	24	21.58	21.67	21.71	21.61	21.6		
5	QPSK	12	0	21.63	21.71	21.64	21.64	21.61	22.6	0
5	QPSK	12	7	21.57	21.63	21.55	21.61	21.59		
5	QPSK	12	13	21.69	21.7	21.64	21.67	21.64		
5	QPSK	25	0	21.64	21.75	21.72	21.75	21.73		
5	16QAM	1	0	21.53	21.65	21.65	21.66	21.6	22.6	0
5	16QAM	1	12	21.46	21.69	21.62	21.58	21.58		
5	16QAM	1	24	21.59	21.72	21.51	21.51	21.53		
5	16QAM	12	0	21.6	21.56	21.63	21.69	21.55	22.6	0
5	16QAM	12	7	21.51	21.68	21.47	21.51	21.53		
5	16QAM	12	13	21.67	21.66	21.52	21.6	21.55		
5	16QAM	25	0	21.61	21.62	21.59	21.71	21.65		
5	64QAM	1	0	21.62	21.72	21.67	21.59	21.56	22.6	0
5	64QAM	1	12	21.44	21.61	21.51	21.56	21.56		
5	64QAM	1	24	21.49	21.59	21.67	21.62	21.61		
5	64QAM	12	0	21.64	21.61	21.49	21.68	21.56	22.6	0
5	64QAM	12	7	21.67	21.58	21.46	21.6	21.6		
5	64QAM	12	13	21.69	21.62	21.49	21.49	21.57		
5	64QAM	25	0	21.59	21.65	21.6	21.64	21.72		
5	256QAM	1	0	20.90	21.07	21.10	21.00	20.96	22	0.6
5	256QAM	1	12	20.80	20.98	20.87	21.00	20.88		
5	256QAM	1	24	20.89	20.93	21.08	21.06	20.99		
5	256QAM	12	0	20.95	21.01	20.85	20.92	21.00	22	0.6
5	256QAM	12	7	20.97	20.85	20.81	20.87	20.93		
5	256QAM	12	13	21.04	20.88	20.83	20.88	20.98		
5	256QAM	25	0	20.92	21.07	20.98	21.05	20.93		

Band 41_ANT 5

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	23.44	23.58	23.25	23.36	23.27	25	0
20	QPSK	1	49	23.36	23.37	23.32	23.32	23.29		
20	QPSK	1	99	23.45	23.36	23.33	23.28	23.24		
20	QPSK	50	0	22.92	22.97	22.82	22.8	22.84	24.5	0.5
20	QPSK	50	24	22.82	22.91	22.75	22.78	22.81		
20	QPSK	50	50	22.79	22.74	22.66	22.72	22.6		
20	QPSK	100	0	22.73	22.87	22.72	22.73	22.78		
20	16QAM	1	0	22.86	22.88	22.77	22.79	22.87	24.5	0.5
20	16QAM	1	49	22.71	22.68	22.67	22.58	22.62		
20	16QAM	1	99	22.83	22.79	22.78	22.74	22.75		
20	16QAM	50	0	21.03	21.05	20.85	20.97	20.92	23.5	1.5
20	16QAM	50	24	21.1	21.07	21	20.91	20.92		
20	16QAM	50	50	21.15	21.04	20.9	21.07	20.92		
20	16QAM	100	0	21.14	21.14	20.95	20.96	20.98		
20	64QAM	1	0	21.93	22	21.86	21.84	21.87	23.5	1.5
20	64QAM	1	49	21.84	21.8	21.81	21.81	21.63		
20	64QAM	1	99	21.64	21.67	21.57	21.64	21.54		
20	64QAM	50	0	20.96	20.99	20.9	20.92	20.95	22.5	2.5
20	64QAM	50	24	21.11	21.09	21.01	21.03	20.95		
20	64QAM	50	50	20.99	21	20.94	21	20.98		
20	64QAM	100	0	21.02	21.03	20.9	20.8	20.85		
20	256QAM	1	0	19.08	19.07	18.99	18.94	18.91	20.5	4.5
20	256QAM	1	49	19.07	19.08	19.07	19.01	19.08		
20	256QAM	1	99	18.95	18.97	18.92	18.88	18.88		
20	256QAM	50	0	19.03	19.04	18.95	19.00	18.92	20.5	4.5
20	256QAM	50	24	19.03	19.16	19.03	18.96	18.94		
20	256QAM	50	50	19.07	19.01	18.96	19.03	18.92		
20	256QAM	100	0	18.99	19.03	18.97	18.86	18.94		
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	23.36	23.5	23.24	23.32	23.16	25	0
15	QPSK	1	37	23.25	23.34	23.3	23.3	23.17		
15	QPSK	1	74	23.4	23.25	23.25	23.26	23.22		
15	QPSK	36	0	22.89	22.9	22.71	22.78	22.75	24.5	0.5
15	QPSK	36	20	22.77	22.85	22.74	22.71	22.8		
15	QPSK	36	39	22.72	22.73	22.57	22.64	22.5		
15	QPSK	75	0	22.66	22.86	22.63	22.71	22.69		
15	16QAM	1	0	22.74	22.86	22.7	22.7	22.84	24.5	0.5
15	16QAM	1	37	22.7	22.59	22.6	22.46	22.58		
15	16QAM	1	74	22.71	22.76	22.74	22.64	22.71		
15	16QAM	36	0	20.93	20.96	20.75	20.95	20.84	23.5	1.5
15	16QAM	36	20	21.01	20.95	20.96	20.85	20.86		
15	16QAM	36	39	21.08	21	20.85	21.03	20.83		
15	16QAM	75	0	21.1	21.1	20.85	20.87	20.87		
15	64QAM	1	0	21.89	21.9	21.76	21.8	21.79	23.5	1.5
15	64QAM	1	37	21.78	21.76	21.71	21.78	21.52		
15	64QAM	1	74	21.56	21.63	21.51	21.53	21.51		
15	64QAM	36	0	20.84	20.97	20.81	20.89	20.87	22.5	2.5
15	64QAM	36	20	21.06	21	20.97	20.92	20.9		
15	64QAM	36	39	20.9	20.88	20.82	20.97	20.9		
15	64QAM	75	0	20.96	20.97	20.86	20.72	20.81		
15	256QAM	1	0	19.03	18.96	18.92	18.93	18.84	20.5	4.5
15	256QAM	1	37	19.01	18.98	19.02	18.91	18.98		
15	256QAM	1	74	18.91	18.95	18.83	18.80	18.86		
15	256QAM	36	0	18.92	18.99	18.88	18.90	18.90	20.5	4.5
15	256QAM	36	20	18.97	19.15	18.94	18.95	18.92		
15	256QAM	36	39	19.02	18.98	18.91	18.91	18.80		
15	256QAM	75	0	18.90	18.95	18.88	18.84	18.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.55	23.21	23.26	23.26	25	0
10	QPSK	1	25	23.26	23.26	23.24	23.3	23.17		
10	QPSK	1	49	23.38	23.26	23.26	23.2	23.19		
10	QPSK	25	0	22.8	22.96	22.76	22.77	22.75	24.5	0.5
10	QPSK	25	12	22.8	22.8	22.64	22.77	22.79		
10	QPSK	25	25	22.67	22.7	22.54	22.65	22.58		
10	QPSK	50	0	22.71	22.75	22.66	22.71	22.74		
10	16QAM	1	0	22.78	22.76	22.7	22.73	22.85	24.5	0.5
10	16QAM	1	25	22.62	22.57	22.58	22.51	22.54		
10	16QAM	1	49	22.72	22.76	22.73	22.7	22.72		
10	16QAM	25	0	20.96	20.98	20.76	20.85	20.84	23.5	1.5
10	16QAM	25	12	20.98	20.98	20.94	20.85	20.8		
10	16QAM	25	25	21.07	20.94	20.82	21	20.85		
10	16QAM	50	0	21.03	21.07	20.84	20.88	20.88		
10	64QAM	1	0	21.9	21.98	21.76	21.76	21.81	23.5	1.5
10	64QAM	1	25	21.79	21.7	21.77	21.7	21.61		
10	64QAM	1	49	21.54	21.58	21.56	21.53	21.51		
10	64QAM	25	0	20.86	20.93	20.8	20.86	20.84	22.5	2.5
10	64QAM	25	12	21.05	21.08	20.93	20.96	20.93		
10	64QAM	25	25	20.94	20.9	20.9	20.92	20.93		
10	64QAM	50	0	20.98	20.93	20.8	20.76	20.74		
10	256QAM	1	0	19.03	19.04	18.89	18.93	18.83	20.5	4.5
10	256QAM	1	25	19.00	19.05	18.97	18.96	18.96		
10	256QAM	1	49	18.90	18.88	18.85	18.87	18.76		
10	256QAM	25	0	18.94	19.00	18.83	18.93	18.83	20.5	4.5
10	256QAM	25	12	19.01	19.12	19.01	18.93	18.89		
10	256QAM	25	25	18.97	18.98	18.93	19.01	18.86		
10	256QAM	50	0	18.87	18.91	18.89	18.75	18.87		
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	23.33	23.46	23.23	23.31	23.18	25	0
5	QPSK	1	12	23.31	23.32	23.29	23.2	23.28		
5	QPSK	1	24	23.36	23.35	23.26	23.18	23.14		
5	QPSK	12	0	22.85	22.95	22.73	22.75	22.79	24.5	0.5
5	QPSK	12	7	22.81	22.88	22.72	22.67	22.69		
5	QPSK	12	13	22.73	22.71	22.56	22.7	22.56		
5	QPSK	25	0	22.69	22.77	22.71	22.69	22.77		
5	16QAM	1	0	22.82	22.87	22.67	22.67	22.75	24.5	0.5
5	16QAM	1	12	22.62	22.62	22.59	22.52	22.61		
5	16QAM	1	24	22.78	22.75	22.72	22.69	22.64		
5	16QAM	12	0	20.91	21.03	20.82	20.89	20.8	23.5	1.5
5	16QAM	12	7	21.06	21.05	20.95	20.89	20.84		
5	16QAM	12	13	21.11	20.93	20.89	21.02	20.9		
5	16QAM	25	0	21.13	21.06	20.87	20.92	20.97		
5	64QAM	1	0	21.86	21.89	21.75	21.81	21.76	23.5	1.5
5	64QAM	1	12	21.77	21.77	21.73	21.7	21.52		
5	64QAM	1	24	21.56	21.66	21.45	21.62	21.46		
5	64QAM	12	0	20.91	20.92	20.87	20.9	20.86	22.5	2.5
5	64QAM	12	7	21.08	21.08	20.92	20.99	20.84		
5	64QAM	12	13	20.95	20.99	20.87	20.94	20.91		
5	64QAM	25	0	20.95	20.98	20.79	20.69	20.84		
5	256QAM	1	0	18.99	18.99	18.96	18.90	18.87	20.5	4.5
5	256QAM	1	12	18.96	18.98	18.95	18.89	18.96		
5	256QAM	1	24	18.89	18.95	18.80	18.87	18.84		
5	256QAM	12	0	18.95	19.00	18.92	18.92	18.85	20.5	4.5
5	256QAM	12	7	19.01	19.15	18.93	18.87	18.88		
5	256QAM	12	13	19.04	18.91	18.88	18.93	18.85		
5	256QAM	25	0	18.96	18.94	18.92	18.82	18.85		

Band 48_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.13	22.4	22.09	22.38	23	0
20	QPSK	1	49	22.07	22.35	22.01	22.34		
20	QPSK	1	99	22.05	22.39	22	22.26		
20	QPSK	50	0	22.04	22.34	22.08	22.31	23	0
20	QPSK	50	24	22.04	22.34	22	22.25		
20	QPSK	50	50	22.03	22.28	21.95	22.25		
20	QPSK	100	0	22.01	22.36	22.06	22.32		
20	16QAM	1	0	22.07	22.38	22.06	22.3	23	0
20	16QAM	1	49	21.95	22.34	21.93	22.25		
20	16QAM	1	99	22.02	22.3	21.89	22.21		
20	16QAM	50	0	21.95	22.24	21.98	22.26	23	0
20	16QAM	50	24	21.96	22.25	21.99	22.13		
20	16QAM	50	50	21.95	22.27	21.86	22.15		
20	16QAM	100	0	21.89	22.25	22.03	22.29		
20	64QAM	1	0	22.09	22.39	22.01	22.26	23	0
20	64QAM	1	49	22.01	22.24	21.95	22.28		
20	64QAM	1	99	21.95	22.33	21.91	22.22		
20	64QAM	50	0	21.02	21.11	21.02	21.25	22	1
20	64QAM	50	24	20.92	21.13	20.93	21.15		
20	64QAM	50	50	20.94	21.1	20.92	21.22		
20	64QAM	100	0	20.96	21.16	21.01	21.23		
20	256QAM	1	0	19.05	19.39	18.94	18.94	20	3
20	256QAM	1	49	19.05	19.35	18.97	18.94		
20	256QAM	1	99	19.05	19.31	18.97	19.00		
20	256QAM	50	0	19.06	19.34	18.93	19.02	20	3
20	256QAM	50	24	19.12	19.31	18.99	19.10		
20	256QAM	50	50	19.07	19.35	19.05	19.05		
20	256QAM	100	0	19.11	19.33	19.08	19.08		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.08	22.01	22.02	22.03	23	0
15	QPSK	1	37	21.97	21.88	21.98	21.92		
15	QPSK	1	74	21.97	21.93	21.89	21.97		
15	QPSK	36	0	21.97	21.97	21.95	21.98	23	0
15	QPSK	36	20	21.92	21.89	21.88	21.92		
15	QPSK	36	39	21.88	21.86	21.85	21.87		
15	QPSK	75	0	22.03	21.93	22.02	21.97		
15	16QAM	1	0	21.94	21.96	22.04	22.05	23	0
15	16QAM	1	37	21.86	21.8	21.83	21.87		
15	16QAM	1	74	21.8	21.82	21.84	21.81		
15	16QAM	36	0	21.88	21.93	21.91	21.96	23	0
15	16QAM	36	20	21.93	21.89	21.9	21.97		
15	16QAM	36	39	21.73	21.82	21.79	21.77		
15	16QAM	75	0	21.94	21.96	21.95	22.01		
15	64QAM	1	0	22	21.88	22	21.9	23	0
15	64QAM	1	37	21.85	21.91	21.9	21.82		
15	64QAM	1	74	21.8	21.88	21.81	21.82		
15	64QAM	36	0	20.95	20.99	20.92	20.97	22	1
15	64QAM	36	20	20.83	20.89	20.91	20.85		
15	64QAM	36	39	20.9	20.9	20.83	20.82		
15	64QAM	75	0	20.97	20.99	20.92	20.91		
15	256QAM	1	0	18.85	18.91	18.79	18.83	20	3
15	256QAM	1	37	18.96	18.79	18.81	18.79		
15	256QAM	1	74	18.80	18.93	18.77	18.77		
15	256QAM	36	0	18.90	18.83	18.73	18.86	20	3
15	256QAM	36	20	18.97	18.89	18.95	18.81		
15	256QAM	36	39	19.04	18.96	18.95	18.92		
15	256QAM	75	0	19.07	19.03	18.89	19.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	21.96	21.98	22	23	0
10	QPSK	1	25	21.99	21.9	21.95	21.97		
10	QPSK	1	49	21.89	21.94	21.93	21.9		
10	QPSK	25	0	21.97	21.95	22.07	22.03	23	0
10	QPSK	25	12	21.9	21.92	21.89	21.9		
10	QPSK	25	25	21.85	21.91	21.86	21.92		
10	QPSK	50	0	22.03	22	22.03	22.01		
10	16QAM	1	0	22.01	22.03	22.05	21.94	23	0
10	16QAM	1	25	21.8	21.89	21.81	21.8		
10	16QAM	1	49	21.87	21.77	21.77	21.84		
10	16QAM	25	0	21.88	21.96	21.94	21.97	23	0
10	16QAM	25	12	21.96	21.95	21.87	21.88		
10	16QAM	25	25	21.78	21.73	21.76	21.79		
10	16QAM	50	0	21.9	21.95	21.95	21.92		
10	64QAM	1	0	21.95	21.87	21.95	22	23	0
10	64QAM	1	25	21.93	21.87	21.89	21.83		
10	64QAM	1	49	21.89	21.78	21.77	21.9		
10	64QAM	25	0	20.94	20.96	20.98	20.96	22	1
10	64QAM	25	12	20.87	20.83	20.85	20.86		
10	64QAM	25	25	20.83	20.82	20.88	20.83		
10	64QAM	50	0	20.93	20.94	20.93	20.97		
10	256QAM	1	0	18.77	18.86	18.78	18.84	20	3
10	256QAM	1	25	18.84	18.81	18.94	18.83		
10	256QAM	1	49	18.78	18.91	18.83	18.88		
10	256QAM	25	0	18.81	18.76	18.91	18.75	20	3
10	256QAM	25	12	18.81	18.89	18.93	18.80		
10	256QAM	25	25	18.98	18.91	18.95	19.04		
10	256QAM	50	0	18.96	19.05	18.96	18.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	21.99	22.04	22.07	22.04	23	0
5	QPSK	1	12	21.94	21.94	21.99	21.99		
5	QPSK	1	24	21.94	21.88	21.96	21.9		
5	QPSK	12	0	21.95	21.97	21.97	21.98	23	0
5	QPSK	12	7	21.96	21.94	21.88	21.9		
5	QPSK	12	13	21.91	21.91	21.85	21.9		
5	QPSK	25	0	22.03	21.99	21.98	22.04		
5	16QAM	1	0	22.05	21.94	22.01	21.99	23	0
5	16QAM	1	12	21.84	21.81	21.83	21.83		
5	16QAM	1	24	21.78	21.79	21.87	21.76		
5	16QAM	12	0	21.88	21.94	21.85	21.97	23	0
5	16QAM	12	7	21.92	21.91	21.88	21.87		
5	16QAM	12	13	21.74	21.74	21.85	21.78		
5	16QAM	25	0	21.93	21.91	21.94	21.92		
5	64QAM	1	0	21.96	21.89	21.87	21.91	23	0
5	64QAM	1	12	21.88	21.84	21.91	21.91		
5	64QAM	1	24	21.76	21.81	21.76	21.84		
5	64QAM	12	0	20.98	20.95	21.01	20.94	22	1
5	64QAM	12	7	20.86	20.83	20.85	20.86		
5	64QAM	12	13	20.91	20.89	20.84	20.85		
5	64QAM	25	0	20.92	20.92	20.93	20.93		
5	256QAM	1	0	18.86	18.89	18.93	18.75	20	3
5	256QAM	1	12	18.81	18.82	18.81	18.86		
5	256QAM	1	24	18.79	18.81	18.91	18.91		
5	256QAM	12	0	18.81	18.75	18.82	18.87	20	3
5	256QAM	12	7	18.91	18.88	18.92	18.89		
5	256QAM	12	13	18.94	18.95	18.86	18.93		
5	256QAM	25	0	19.05	19.03	19.02	19.03		

Band 48_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.96	24.09	23.94	24.07	25	0
20	QPSK	1	49	23.95	24.07	23.89	24.01		
20	QPSK	1	99	23.88	24.02	23.84	23.96		
20	QPSK	50	0	23.07	23.23	23.03	23.18	24	1
20	QPSK	50	24	23.02	23.19	22.93	23.12		
20	QPSK	50	50	23.01	23.18	22.91	23.08		
20	QPSK	100	0	23.05	23.16	22.94	23.03		
20	16QAM	1	0	22.94	23.25	22.91	22.93	24	1
20	16QAM	1	49	23.06	23.34	23.07	22.99		
20	16QAM	1	99	23.05	23.11	22.95	23.04		
20	16QAM	50	0	22.02	22.23	21.94	21.95	23	2
20	16QAM	50	24	22.07	22.18	21.9	22.02		
20	16QAM	50	50	22.03	21.92	22.03	22.11		
20	16QAM	100	0	22.05	22.16	21.92	22.01		
20	64QAM	1	0	21.95	22.14	21.82	21.85	23	2
20	64QAM	1	49	21.98	22.18	21.89	21.99		
20	64QAM	1	99	21.96	22.11	21.88	21.94		
20	64QAM	50	0	21.01	21.22	20.91	20.96	22	3
20	64QAM	50	24	21.09	21.17	20.94	20.98		
20	64QAM	50	50	21.02	21.18	21.03	21.11		
20	64QAM	100	0	21.07	21.16	20.93	21.01		
20	256QAM	1	0	18.92	19.05	19.02	18.88	20	5
20	256QAM	1	49	18.92	19.03	19.00	18.85		
20	256QAM	1	99	18.91	19.01	19.08	18.82		
20	256QAM	50	0	18.88	19.08	19.06	18.82	20	5
20	256QAM	50	24	18.95	19.04	19.00	18.87		
20	256QAM	50	50	18.92	19.08	19.04	18.88		
20	256QAM	100	0	18.89	19.05	19.05	18.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.83	23.98	23.88	24	25	0
15	QPSK	1	37	23.81	23.98	23.76	23.95		
15	QPSK	1	74	23.79	23.88	23.72	23.8		
15	QPSK	36	0	22.92	23.1	22.89	23.05	24	1
15	QPSK	36	20	22.97	23.1	22.88	23.02		
15	QPSK	36	39	22.85	23.02	22.76	22.96		
15	QPSK	75	0	23	23.09	22.88	22.96		
15	16QAM	1	0	22.88	23.19	22.8	22.85	24	1
15	16QAM	1	37	23.01	23.29	22.92	22.83		
15	16QAM	1	74	22.96	22.96	22.81	22.93		
15	16QAM	36	0	21.9	22.07	21.81	21.9	23	2
15	16QAM	36	20	21.92	22.08	21.76	21.97		
15	16QAM	36	39	21.9	21.86	21.87	22.02		
15	16QAM	75	0	21.92	22.09	21.77	21.94		
15	64QAM	1	0	21.86	21.98	21.68	21.7	23	2
15	64QAM	1	37	21.85	22.03	21.74	21.83		
15	64QAM	1	74	21.91	22.06	21.81	21.84		
15	64QAM	36	0	20.85	21.16	20.85	20.86	22	3
15	64QAM	36	20	21.03	21.08	20.88	20.92		
15	64QAM	36	39	20.89	21.1	20.91	20.98		
15	64QAM	75	0	20.96	21.07	20.82	20.95		
15	256QAM	1	0	18.79	18.82	18.79	18.88	20	5
15	256QAM	1	37	18.90	18.89	18.84	18.86		
15	256QAM	1	74	18.84	18.85	18.81	18.88		
15	256QAM	36	0	18.82	18.75	18.76	18.85	20	5
15	256QAM	36	20	18.84	18.88	18.91	18.92		
15	256QAM	36	39	18.87	18.86	18.82	18.84		
15	256QAM	75	0	18.82	18.76	18.81	18.85		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.85	24.04	23.81	23.98	25	0
10	QPSK	1	25	23.85	23.91	23.82	23.93		
10	QPSK	1	49	23.78	23.97	23.69	23.81		
10	QPSK	25	0	22.94	23.08	22.94	23.03	24	1
10	QPSK	25	12	22.88	23.07	22.85	23.05		
10	QPSK	25	25	22.96	23.02	22.85	22.98		
10	QPSK	50	0	22.93	23.03	22.78	22.88		
10	16QAM	1	0	22.81	23.14	22.83	22.83	24	1
10	16QAM	1	25	22.93	23.18	22.91	22.83		
10	16QAM	1	49	22.91	23.04	22.88	22.93		
10	16QAM	25	0	21.95	22.14	21.83	21.89	23	2
10	16QAM	25	12	21.99	22.09	21.82	21.9		
10	16QAM	25	25	21.89	21.87	21.96	22.01		
10	16QAM	50	0	21.97	22.09	21.83	21.85		
10	64QAM	1	0	21.84	22.03	21.66	21.77	23	2
10	64QAM	1	25	21.89	22.09	21.75	21.93		
10	64QAM	1	49	21.84	22.05	21.75	21.78		
10	64QAM	25	0	20.89	21.06	20.8	20.84	22	3
10	64QAM	25	12	21	21.05	20.82	20.84		
10	64QAM	25	25	20.92	21.06	20.87	21.05		
10	64QAM	50	0	20.92	21.11	20.78	20.9		
10	256QAM	1	0	18.85	18.91	18.83	18.81	20	5
10	256QAM	1	25	18.79	18.89	18.86	18.91		
10	256QAM	1	49	18.84	18.79	18.82	18.88		
10	256QAM	25	0	18.76	18.83	18.83	18.80	20	5
10	256QAM	25	12	18.92	18.84	18.88	18.92		
10	256QAM	25	25	18.84	18.86	18.88	18.84		
10	256QAM	50	0	18.80	18.86	18.80	18.76		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	23.89	24.03	23.8	23.98	25	0
5	QPSK	1	12	23.83	23.95	23.73	23.91		
5	QPSK	1	24	23.74	23.86	23.73	23.82		
5	QPSK	12	0	22.95	23.14	22.91	23.11	24	1
5	QPSK	12	7	22.94	23.08	22.79	22.99		
5	QPSK	12	13	22.93	23.02	22.79	22.94		
5	QPSK	25	0	22.99	23.05	22.87	22.95		
5	16QAM	1	0	22.79	23.19	22.77	22.77	24	1
5	16QAM	1	12	22.99	23.25	22.95	22.93		
5	16QAM	1	24	22.95	23.02	22.88	22.9		
5	16QAM	12	0	21.96	22.15	21.81	21.89	23	2
5	16QAM	12	7	21.96	22.03	21.85	21.87		
5	16QAM	12	13	21.97	21.86	21.97	21.98		
5	16QAM	25	0	21.89	22.07	21.84	21.85		
5	64QAM	1	0	21.84	22.09	21.7	21.72	23	2
5	64QAM	1	12	21.82	22.02	21.79	21.88		
5	64QAM	1	24	21.91	22.06	21.77	21.88		
5	64QAM	12	0	20.94	21.06	20.83	20.88	22	3
5	64QAM	12	7	21.02	21.02	20.85	20.82		
5	64QAM	12	13	20.86	21.07	20.9	21.02		
5	64QAM	25	0	20.93	21.03	20.86	20.94		
5	256QAM	1	0	18.87	18.87	18.80	18.87	20	5
5	256QAM	1	12	18.80	18.80	18.87	18.90		
5	256QAM	1	24	18.89	18.89	18.80	18.90		
5	256QAM	12	0	18.79	18.78	18.82	18.75	20	5
5	256QAM	12	7	18.88	18.94	18.93	18.82		
5	256QAM	12	13	18.81	18.79	18.82	18.90		
5	256QAM	25	0	18.83	18.80	18.86	18.84		

UL CA with Top Antenna

CA_7C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	DSI4/9/14	23.39	24.20
21100	21298	QPSK	1	0	0	0	1	0	DSI4/9/14	23.47	24.20
21350	21152	QPSK	1	0	0	0	1	0	DSI4/9/14	23.51	24.20
20850	21048	QPSK	1	0	0	0	1	0	DSI5	15.87	16.70
21100	21298	QPSK	1	0	0	0	1	0	DSI5	15.98	16.70
21350	21152	QPSK	1	0	0	0	1	0	DSI5	16.09	16.70
20850	21048	QPSK	1	0	0	0	1	0	DSI10/15	13.87	14.70
21100	21298	QPSK	1	0	0	0	1	0	DSI10/15	13.96	14.70
21350	21152	QPSK	1	0	0	0	1	0	DSI10/15	14.04	14.70
20850	21048	QPSK	1	0	0	0	1	0	DSI17	18.25	19.50
21100	21298	QPSK	1	0	0	0	1	0	DSI17	18.41	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI17	18.46	19.50
20850	21048	QPSK	1	0	0	0	1	0	DSI1	20.17	21.20
21100	21298	QPSK	1	0	0	0	1	0	DSI1	20.20	21.20
21350	21152	QPSK	1	0	0	0	1	0	DSI1	20.31	21.20
20850	21048	QPSK	1	0	0	0	1	0	DSI6/11	18.81	19.70
21100	21298	QPSK	1	0	0	0	1	0	DSI6/11	18.82	19.70
21350	21152	QPSK	1	0	0	0	1	0	DSI6/11	18.84	19.70

CA_38C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	DSI4/9/14	24.00	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI4/9/14	24.03	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.94	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI5	17.51	18.50
37901	38099	QPSK	1	0	0	0	1	0	DSI5	17.50	18.50
38150	37952	QPSK	1	0	0	0	1	0	DSI5	17.56	18.50
37850	38048	QPSK	1	0	0	0	1	0	DSI10/15	15.47	16.50
37901	38099	QPSK	1	0	0	0	1	0	DSI10/15	15.43	16.50
38150	37952	QPSK	1	0	0	0	1	0	DSI10/15	15.51	16.50
37850	38048	QPSK	1	0	0	0	1	0	DSI17	20.41	21.50
37901	38099	QPSK	1	0	0	0	1	0	DSI17	20.46	21.50
38150	37952	QPSK	1	0	0	0	1	0	DSI17	20.51	21.50
37850	38048	QPSK	1	0	0	0	1	0	DSI1	21.47	22.50
37901	38099	QPSK	1	0	0	0	1	0	DSI1	21.48	22.50
38150	37952	QPSK	1	0	0	0	1	0	DSI1	21.49	22.50
37850	38048	QPSK	1	0	0	0	1	0	DSI6/11	19.93	21.00
37901	38099	QPSK	1	0	0	0	1	0	DSI6/11	19.94	21.00
38150	37952	QPSK	1	0	0	0	1	0	DSI6/11	20.01	21.00

CA_41C_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	24.07	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	24.00	25.00
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	24.08	25.00
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	24.04	25.00
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	23.63	25.00
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	23.55	25.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5	17.50	18.50
39750	39948	QPSK	1	0	0	0	1	0	DSI5	17.37	18.50
40185	40383	QPSK	1	0	0	0	1	0	DSI5	17.59	18.50
40620	40422	QPSK	1	0	0	0	1	0	DSI5	17.57	18.50
41055	40857	QPSK	1	0	0	0	1	0	DSI5	17.12	18.50
41490	41292	QPSK	1	0	0	0	1	0	DSI5	17.03	18.50
39790	39988	QPSK	1	0	0	0	1	0	DSI10/15	15.50	16.50
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	15.38	16.50
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	15.55	16.50
40620	40422	QPSK	1	0	0	0	1	0	DSI10/15	15.51	16.50
41055	40857	QPSK	1	0	0	0	1	0	DSI10/15	15.07	16.50
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	14.92	16.50
39790	39988	QPSK	1	0	0	0	1	0	DSI17	20.51	21.50
39750	39948	QPSK	1	0	0	0	1	0	DSI17	20.48	21.50
40185	40383	QPSK	1	0	0	0	1	0	DSI17	20.53	21.50
40620	40422	QPSK	1	0	0	0	1	0	DSI17	20.51	21.50
41055	40857	QPSK	1	0	0	0	1	0	DSI17	20.06	21.50
41490	41292	QPSK	1	0	0	0	1	0	DSI17	19.97	21.50
39790	39988	QPSK	1	0	0	0	1	0	DSI1	21.49	22.50
39750	39948	QPSK	1	0	0	0	1	0	DSI1	21.40	22.50
40185	40383	QPSK	1	0	0	0	1	0	DSI1	21.54	22.50
40620	40422	QPSK	1	0	0	0	1	0	DSI1	21.52	22.50
41055	40857	QPSK	1	0	0	0	1	0	DSI1	21.08	22.50
41490	41292	QPSK	1	0	0	0	1	0	DSI1	20.86	22.50
39790	39988	QPSK	1	0	0	0	1	0	DSI6/11	20.01	21.00
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	19.95	21.00
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	20.03	21.00
40620	40422	QPSK	1	0	0	0	1	0	DSI6/11	19.88	21.00
41055	40857	QPSK	1	0	0	0	1	0	DSI6/11	19.54	21.00
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	19.43	21.00

CA_41C(HPUE)_ANT 2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	24.66	27.00
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	24.43	27.00
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	25.57	27.00
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	25.41	27.00
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	23.54	27.00
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	23.63	27.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5	17.71	20.10
39750	39948	QPSK	1	0	0	0	1	0	DSI5	17.42	20.10
40185	40383	QPSK	1	0	0	0	1	0	DSI5	18.59	20.10
40620	40422	QPSK	1	0	0	0	1	0	DSI5	18.49	20.10
41055	40857	QPSK	1	0	0	0	1	0	DSI5	16.61	20.10
41490	41292	QPSK	1	0	0	0	1	0	DSI5	16.66	20.10
39790	39988	QPSK	1	0	0	0	1	0	DSI10/15	15.70	18.10
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	15.42	18.10
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	16.66	18.10
40620	40422	QPSK	1	0	0	0	1	0	DSI10/15	16.61	18.10
41055	40857	QPSK	1	0	0	0	1	0	DSI10/15	14.52	18.10
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	14.66	18.10
39790	39988	QPSK	1	0	0	0	1	0	DSI17	20.64	23.10
39750	39948	QPSK	1	0	0	0	1	0	DSI17	20.45	23.10
40185	40383	QPSK	1	0	0	0	1	0	DSI17	21.57	23.10
40620	40422	QPSK	1	0	0	0	1	0	DSI17	21.51	23.10
41055	40857	QPSK	1	0	0	0	1	0	DSI17	19.63	23.10
41490	41292	QPSK	1	0	0	0	1	0	DSI17	19.61	23.10
39790	39988	QPSK	1	0	0	0	1	0	DSI1	21.67	24.10
39750	39948	QPSK	1	0	0	0	1	0	DSI1	21.50	24.10
40185	40383	QPSK	1	0	0	0	1	0	DSI1	22.56	24.10
40620	40422	QPSK	1	0	0	0	1	0	DSI1	22.47	24.10
41055	40857	QPSK	1	0	0	0	1	0	DSI1	20.59	24.10
41490	41292	QPSK	1	0	0	0	1	0	DSI1	20.72	24.10
39790	39988	QPSK	1	0	0	0	1	0	DSI6/11	20.13	22.60
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	19.97	22.60
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	21.07	22.60
40620	40422	QPSK	1	0	0	0	1	0	DSI6/11	21.03	22.60
41055	40857	QPSK	1	0	0	0	1	0	DSI6/11	19.08	22.60
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	19.11	22.60

CA_48C_ANT 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	0	0	0	1	0	DSI4/9/14	23.67	25.00
55830	55632	QPSK	1	0	0	0	1	0	DSI4/9/14	23.78	25.00
56150	55952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.75	25.00
56640	56442	QPSK	1	0	0	0	1	0	DSI4/9/14	23.63	25.00
55340	55538	QPSK	1	0	0	0	1	0	DSI5	16.58	18.00
55830	55632	QPSK	1	0	0	0	1	0	DSI5	16.71	18.00
56150	55952	QPSK	1	0	0	0	1	0	DSI5	16.70	18.00
56640	56442	QPSK	1	0	0	0	1	0	DSI5	16.62	18.00
55340	55538	QPSK	1	0	0	0	1	0	DSI10/15	14.64	16.00
55830	55632	QPSK	1	0	0	0	1	0	DSI10/15	14.66	16.00
56150	55952	QPSK	1	0	0	0	1	0	DSI10/15	14.63	16.00
56640	56442	QPSK	1	0	0	0	1	0	DSI10/15	14.55	16.00
55340	55538	QPSK	1	0	0	0	1	0	DSI17	19.56	21.00
55830	55632	QPSK	1	0	0	0	1	0	DSI17	19.65	21.00
56150	55952	QPSK	1	0	0	0	1	0	DSI17	19.63	21.00
56640	56442	QPSK	1	0	0	0	1	0	DSI17	19.56	21.00
55340	55538	QPSK	1	0	0	0	1	0	DSI1	23.16	24.50
55830	55632	QPSK	1	0	0	0	1	0	DSI1	23.20	24.50
56150	55952	QPSK	1	0	0	0	1	0	DSI1	23.17	24.50
56640	56442	QPSK	1	0	0	0	1	0	DSI1	23.06	24.50
55340	55538	QPSK	1	0	0	0	1	0	DSI6/11	22.01	23.00
55830	55632	QPSK	1	0	0	0	1	0	DSI6/11	22.11	23.00
56150	55952	QPSK	1	0	0	0	1	0	DSI6/11	22.05	23.00
56640	56442	QPSK	1	0	0	0	1	0	DSI6/11	22.06	23.00

CA_48C_ANT 10											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	0	0	0	1	0	DSI4/9/14	23.69	25.00
55830	55632	QPSK	1	0	0	0	1	0	DSI4/9/14	23.71	25.00
56150	55952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.57	25.00
56640	56442	QPSK	1	0	0	0	1	0	DSI4/9/14	23.58	25.00
55340	55538	QPSK	1	0	0	0	1	0	DSI5	23.69	25.00
55830	55632	QPSK	1	0	0	0	1	0	DSI5	23.71	25.00
56150	55952	QPSK	1	0	0	0	1	0	DSI5	23.57	25.00
56640	56442	QPSK	1	0	0	0	1	0	DSI5	23.58	25.00
55340	55538	QPSK	1	0	0	0	1	0	DSI10/15	22.07	23.50
55830	55632	QPSK	1	0	0	0	1	0	DSI10/15	22.12	23.50
56150	55952	QPSK	1	0	0	0	1	0	DSI10/15	22.09	23.50
56640	56442	QPSK	1	0	0	0	1	0	DSI10/15	22.07	23.50
55340	55538	QPSK	1	0	0	0	1	0	DSI17	21.12	22.50
55830	55632	QPSK	1	0	0	0	1	0	DSI17	21.15	22.50
56150	55952	QPSK	1	0	0	0	1	0	DSI17	21.10	22.50
56640	56442	QPSK	1	0	0	0	1	0	DSI17	20.97	22.50
55340	55538	QPSK	1	0	0	0	1	0	DSI1	23.69	25.00
55830	55632	QPSK	1	0	0	0	1	0	DSI1	23.71	25.00
56150	55952	QPSK	1	0	0	0	1	0	DSI1	23.57	25.00
56640	56442	QPSK	1	0	0	0	1	0	DSI1	23.58	25.00
55340	55538	QPSK	1	0	0	0	1	0	DSI7/12	23.69	25.00
55830	55632	QPSK	1	0	0	0	1	0	DSI7/12	23.71	25.00
56150	55952	QPSK	1	0	0	0	1	0	DSI7/12	23.57	25.00
56640	56442	QPSK	1	0	0	0	1	0	DSI7/12	23.58	25.00

UL CA with Bottom Antenna

CA_7C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	DSI4/9/14	22.99	24.20
21100	21298	QPSK	1	0	0	0	1	0	DSI4/9/14	23.01	24.20
21350	21152	QPSK	1	0	0	0	1	0	DSI4/9/14	23.02	24.20
20850	21048	QPSK	1	0	0	0	1	0	DSI5/10/15	22.99	24.20
21100	21298	QPSK	1	0	0	0	1	0	DSI5/10/15	23.01	24.20
21350	21152	QPSK	1	0	0	0	1	0	DSI5/10/15	23.02	24.20
20850	21048	QPSK	1	0	0	0	1	0	DSI17	20.37	21.50
21100	21298	QPSK	1	0	0	0	1	0	DSI17	20.41	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI17	20.45	21.50

CA_38C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	DSI4/9/14	23.03	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI4/9/14	23.36	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI4/9/14	23.42	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI5/10/15	23.03	24.50
37901	38099	QPSK	1	0	0	0	1	0	DSI5/10/15	23.36	24.50
38150	37952	QPSK	1	0	0	0	1	0	DSI5/10/15	23.42	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI17	22.61	24.00
37901	38099	QPSK	1	0	0	0	1	0	DSI17	22.63	24.00
38150	37952	QPSK	1	0	0	0	1	0	DSI17	22.67	24.00

CA_41C_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	23.68	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	23.65	25.00
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	23.88	25.00
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	23.66	25.00
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	23.70	25.00
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	23.71	25.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5/10/15	23.68	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15	23.65	25.00
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15	23.88	25.00
40620	40422	QPSK	1	0	0	0	1	0	DSI5/10/15	23.66	25.00
41055	40857	QPSK	1	0	0	0	1	0	DSI5/10/15	23.70	25.00
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15	23.71	25.00
39790	39988	QPSK	1	0	0	0	1	0	DSI17	22.61	24.00
39750	39948	QPSK	1	0	0	0	1	0	DSI17	22.64	24.00
40185	40383	QPSK	1	0	0	0	1	0	DSI17	22.84	24.00
40620	40422	QPSK	1	0	0	0	1	0	DSI17	22.69	24.00
41055	40857	QPSK	1	0	0	0	1	0	DSI17	22.62	24.00
41490	41292	QPSK	1	0	0	0	1	0	DSI17	22.68	24.00

CA_41C(HPUE)_ANT 3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	DSI4/9/14	25.13	27.00
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	24.79	27.00
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	25.60	27.00
40620	40422	QPSK	1	0	0	0	1	0	DSI4/9/14	25.35	27.00
41055	40857	QPSK	1	0	0	0	1	0	DSI4/9/14	24.11	27.00
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	24.07	27.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5/10/15	25.13	27.00
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15	24.79	27.00
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15	25.60	27.00
40620	40422	QPSK	1	0	0	0	1	0	DSI5/10/15	25.35	27.00
41055	40857	QPSK	1	0	0	0	1	0	DSI5/10/15	24.11	27.00
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15	24.07	27.00
39790	39988	QPSK	1	0	0	0	1	0	DSI17	23.65	25.60
39750	39948	QPSK	1	0	0	0	1	0	DSI17	23.30	25.60
40185	40383	QPSK	1	0	0	0	1	0	DSI17	24.08	25.60
40620	40422	QPSK	1	0	0	0	1	0	DSI17	24.02	25.60
41055	40857	QPSK	1	0	0	0	1	0	DSI17	22.63	25.60
41490	41292	QPSK	1	0	0	0	1	0	DSI17	22.55	25.60

Downlink CA Power

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	Non-Contiguous	CA_7A-46A	7	20	2535	21100	QPSK	1	0	46	20	5540	50690	23.41	23.65
		CA_25A-25A	25	20	1860	26140	QPSK	1	0	25	20	1985	8590	23.84	24.15
		CA_25A-26A	25	20	1880	26340	QPSK	1	0	26	5	876.5	8865	23.80	24.15
		CA_25A-46A	25	20	1880	26340	QPSK	1	0	46	20	5540	50690	23.91	24.15
		CA_25A-41A	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	23.76	24.15
		CA_4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3690	56640	23.66	24.01
		CA_41A-41A	41	20	2549.5	40185	QPSK	1	0	41	5	2687.5	41565	23.93	24.44
	Contiguous	CA_7C	7	20	2535	21100	QPSK	1	0	7	20	2674.80	3298	23.28	23.65

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Intra-Band	Non-Contiguous	CA_13A-46A-66A	13	10	782	23230	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	23.63	23.94
		CA_41A-41C	41	20	2549.5	40185	QPSK	1	0	41	20	2590.5	40595	41	5	2602.2	40712	24.10	24.44
		CA_25A-46C	25	20	1880	26340	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	23.88	24.15
		CA_2A-13A-46A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540	50690	23.74	24.04
		CA_2A-4A-13A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	23.86	24.04
		CA_2A-5A-46A	2	20	1900	19100	QPSK	1	0	5	10	881.5	2525	46	20	5905	54340	23.77	24.04
		CA_2A-7A-7A	2	20	1900	19100	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	23.80	24.04
		CA_4A-46A-46A	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	23.69	24.01
		CA_4A-48C	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3644.5	56188	23.85	24.01
		CA_4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	13	10	751	5230	23.87	24.01
		CA_4A-4A-7A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	7	20	2655	3100	23.80	24.01
		CA_4A-7A-12A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	12	10	737.5	5095	23.79	24.01
		CA_4A-7A-7A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	23.82	24.01
		CA_5B-46A	5	10	829	20450	QPSK	1	0	5	5	881.2	2522	46	20	5540	50690	23.46	23.68
		CA_5A-46A-66A	5	10	829	20450	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	23.50	23.68
		CA_7A-46C	7	20	2535	21100	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.49	23.65
		CA_4A-46C	4	20	1732.5	20175	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.68	24.01
Intra-Band	Non-Contiguous	CA_66A-66C	66	20	1745	132322	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	23.87	24.13

4CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-30A-66A-66A	12	10	707.5	23095	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.68	23.81
		CA_2A-46C-66A	2	20	1880	18900	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.89	24.04
		CA_13A-46C-66A	13	10	782	23230	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.64	23.94
		CA_13A-48A-66B	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	10	2150.1	66837	66	10	2160	66936	23.66	23.94
		CA_13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	20	2152.5	66861	66	5	2164.2	66978	23.75	23.94
		CA_25A-41D	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	41	20	2632.6	41016	23.85	24.15
		CA_25A-46D	25	20	1880	26340	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.89	24.15
		CA_5A-46D	5	10	829	20450	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.52	23.68
		CA_2A-12A-30A-66A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	30	10	2355	9820	66	20	2155	66886	23.78	24.04
		CA_2A-13A-48A-66A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3625	55990	66	5	2197.5	67311	23.87	24.04
		CA_2A-12A-66A-66A	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	5	2197.5	67311	23.78	24.04
		CA_2A-12A-66C	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	66	20	2174.8	67084	23.69	24.04
		CA_2A-13A-46C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540.2	50692	46	20	5560	50890	23.77	24.04
		CA_2A-2A-66C	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	66	20	2174.8	67084	23.82	24.04
		CA_2A-13A-66C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2174.8	67084	23.89	24.04
		CA_2A-2A-12A-30A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	30	10	2355	9820	23.84	24.04
		CA_2A-2A-12A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	66	20	2155	66886	23.87	24.04
		CA_2A-2A-30A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	30	10	2355	9820	66	20	2155	66886	23.79	24.04
		CA_2A-2A-46C	2	20	1880	18900	QPSK	1	0	2	5	1932.5	625	66	15	2155	66886	66	5	2164.3	66979	23.69	24.04
		CA_2A-2A-4A-12A	2	20	1880	18900	QPSK	1	0	2	5	1932.5	625	4	20	2132.5	2175	12	10	737.5	5095	23.88	24.04
		CA_2A-2A-4A-4A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	4	5	2152.5	2375	23.74	24.04
		CA_2A-2A-4A-5A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	5	10	881.5	2525	23.79	24.04
		CA_2A-2A-4A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	71	20	634.5	68786	23.65	24.04
		CA_2A-2A-5A-30A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	30	10	2355	9820	23.68	24.04
		CA_2A-2A-66A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	71	20	634.5	68786	23.74	24.04
		CA_2A-2A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	66	5	2197.5	67311	23.72	24.04
		CA_2A-30A-66A-66A	2	20	1880	18900	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.88	24.04
		CA_2A-46A-46A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	66	20	2155	66886	23.69	24.04
		CA_2A-48A-48A-66A	2	20	1880	18900	QPSK	1	0	48	5	3697.5	56715	48	20	3625	55990	66	20	2155	66886	23.77	24.04
		CA_2A-46A-48A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	48	20	3625	55990	66	20	2155	66886	23.92	24.04
		CA_2A-4A-4A-12A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	12	10	737.5	5095	23.67	24.04
		CA_2A-4A-4A-5A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	5	10	881.5	2525	23.72	24.04
		CA_2A-4A-5B	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	5	10	884	2550	5	5	891.2	2622	23.81	24.04
		CA_2A-5A-30A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	30	10	2355	9820	66	20	2155	66886	23.90	24.04
		CA_2A-5A-46C	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5540.2	50692	46	20	5560	50890	23.93	24.04
		CA_2A-5A-48A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	66	20	2155	66886	23.84	24.04
		CA_2A-66A-66A-71A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	71	20	634.5	68786	23.88	24.04
		CA_2A-66C-71A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	66	20	2174.8	67084	71	20	637	68786	23.75	24.04
		CA_2C-66A-66A	2	20	1870.1	18801	QPSK	1	0	2	20	1969.9	999	66	20	2120	66536	66	20	2190	67236	23.71	24.04
		CA_48A-48A-66A-66A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	48	20	3560	55340	48	20	3690	56640	23.76	24.13
		CA_48A-48A-66B	66	10	1775	132622	QPSK	1	0	66	10	2184.9	67185	48	20	3560	55340	48	20	3690	56640	23.87	24.13
		CA_48A-48A-66C	66	20	1720	132072	QPSK	1	0	66	20	2139.8	66734	48	20	3560	55340	48	20	3690	56640	23.82	24.13
		CA_48C-66A-66A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	48	20	3560	55340	48	20	3579.8	55538	23.76	24.13
		CA_4A-46A-46C	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5540.2	50692	46	20	5560	50890	23.65	24.01
		CA_4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	23.85	24.01
		CA_4A-4A-5B	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	884	2550	5	5	891.2	2622	23.69	24.01
		CA_5A-30A-66A-66A	5	10	829	20450	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.58	23.68
		CA_5A-46C-66A	5	10	829	20450	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.45	23.68
		CA_5A-5A-66A-66A	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	5	2197.5	67311	23.52	23.68
		CA_5A-7A-66A-66A	5	10	829	20450	QPSK	1	0	7	20	2630	2850	66	20	2155	66886	66	5	2197.5	67311	23.29	23.68
		CA_2A-2A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	10	2150.1	66837	66	10	2160	66936	23.74	24.04
		CA_5A-5A-66B	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	10	2150.1	66837	66	10	2160	66936	23.44	23.68
		CA_5A-5A-66C	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	20	2174.8	67084	23.21	23.68
		CA_2A-48C-66A	2	20	1880	18900	QPSK	1	0	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.86	24.04
		CA_5A-48C-66A	5	10	829	20450	QPSK	1	0	66	20	2155	66886	48	20	3560	55340	48	20	3579.8	55538	23.44	23.68
		CA_5A-48D	5	10	829	20450	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.36	23.68
		CA_2A-2A-13A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	23.86	24.04
Intra-Band	Non-Contiguous	CA_41C-41C	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2660.2	41292	41	20	2680	41490	24.11	24.44
	Contiguous	CA_41E	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2589.1	40581	41	20	2608.9	40779	24.19	24.44

5CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_13A-48A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.65	23.94
		CA_13A-48A-48D	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.62	23.94
		CA_13A-48C-48C	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3615.1	55891	48	20	3634.9	56089	23.59	23.94
		CA_13A-48D-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.77	23.94
		CA_2A-13A-48A-48A-66A	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3690	56640	66	20	2155	66886	23.75	24.04
		CA_2A-13A-48A-48C	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3625	55990	48	20	3690	56340	48	20	3679.8	56538	23.72	24.04
		CA_2A-13A-48C-66A	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.82	24.04
		CA_2A-13A-48D	2	20	1900	19100	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.69	24.04
		CA_2A-2A-13A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	66	5	2197.5	67311	23.71	24.04
		CA_2A-2A-13A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	10	2150.1	66837	66	10	2160	66936	23.85	24.04
		CA_2A-2A-46D	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.66	24.04
		CA_2A-2A-5A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	23.76	24.04
		CA_2A-2A-5A-66C	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	66	20	2174.8	67084	23.82	24.04
		CA_2A-2A-5A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	10	2150.1	66837	66	10	2160	66936	23.89	24.04
		CA_2A-46A-46C-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	46	20	5905	54340	46	20	5160	46890	46	20	5179.8	47088	23.81	24.04
		CA_2A-46A-46D	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.5	47286	23.76	24.04
		CA_2A-46A-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.84	24.04
		CA_2A-46C-48A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66786	48	20	3625	55990	46	20	5160	46890	46	20	5179.8	47088	23.80	24.04
		CA_2A-48A-48C-66A	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.74	24.04
		CA_2A-48A-48D	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.77	24.04
		CA_2A-48C-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	23.70	24.04
		CA_2A-48D-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.69	24.04
		CA_2A-46D-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.64	24.04
		CA_2A-5A-48C-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.76	24.04
		CA_2A-5A-46D	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	23.84	24.04
		CA_2A-5A-48D	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.80	24.04
		CA_2A-5B-66A-66A	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	20	2120	66536	66	20	2190	67236	23.88	24.04
		CA_2A-5B-66B	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	10	2150.1	66837	66	10	2160	66936	23.74	24.04
		CA_2A-5B-66C	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	66	20	2155	66886	66	20	2174.8	67084	23.85	24.04
		CA_46A-46D-66A	66	20	1745	132322	QPSK	1	0	46	20	5160	46890	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.80	24.13
		CA_46D-66A-66A	66	20	1720	132072	QPSK	1	0	66	5	2195	67286	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.94	24.13
		CA_48A-48C-66B	66	10	1715	132022	QPSK	1	0	66	10	2124.9	66585	48	20	3560	55340	48	20	3670.2	56442	48	20	3690	56640	23.91	24.13
		CA_48A-48C-66C	66	20	1720	132072	QPSK	1	0	66	20	2139.8	66734	48	20	3560	55340	48	20	3579.8	55538	48	20	3625	55990	23.88	24.13
		CA_48A-48D-66A	66	20	1745	132322	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	24.00	24.13
		CA_48C-48C-66A	66	20	1745	132322	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	23.84	24.13
		CA_4A-46A-46D	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.69	24.01
		CA_5A-48D-66A	5	10	829	20450	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.50	23.68
		CA_5B-46D	5	10	829	20450	QPSK	1	0	5	10	883.9	2549	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.44	23.68
		CA_13A-46D-66A	13	10	782	23230	QPSK	1	0	66	20	2155	66886	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.60	23.94
		CA_13A-46E	13	10	782	23230	QPSK	1	0	46	20	5520	50490	46	20	5539.8	50688	46	20	5559.9	50889	46	20	5580	51090	23.71	23.94
		CA_5A-46E	5	10	829	20450	QPSK	1	0	46	20	5520	50490	46	20	5539.8	50688	46	20	5559.9	50889	46	20	5580	51090	23.39	23.68
		CA_2A-13A-46D	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.74	24.04
		CA_5A-46D-66A	5	10	829	20450	QPSK	1	0	66	20	2190	67236	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.43	23.68
Intra-Band	Non-Contiguous	CA_41C-41D	41	20	2549.5	40185	QPSK	1	0	41	20	2569.3	40383	41	20	2640.4	41094	41	20	2660.2	41292	41	20	2680	41490	24.12	24.44
		48C-48D	48	20	3560	55340	QPSK	1	0	48	20	3579.8	55538	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.90	24.15
		CA_48A-48E	48	20	3560	55340	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.86	24.15

6CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_13A-48E-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	23.83	23.94
	CA_2A-46A-48D-66A	2	20	1880	18900	QPSK	1	0	46	20	5905	54340	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.89	24.04
	CA_2A-46C-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5179.8	47088	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.88	24.04
	CA_2A-46D-48A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66886	48	20	3625	55990	46	20	5865.2	53942	46	20	5885	54140	46	20	5904.8	54338	23.74	24.04
	CA_2A-48E-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	23.71	24.04

7CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				SCC6				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band	CA_2A-46C-48E	2	20	1880	18900	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5180	47088	23.69	24.04
	CA_46C-48E-66A	66	20	1745	132322	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5180	47088	23.81	24.13
	CA_46E-48C-66A	66	20	1745	132322	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	23.77	24.13
	CA_2A-46C-48D-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	46	20	5160	46890	46	20	5179.8	47088	66	20	2145	66876	23.72	24.04
	CA_2A-46D-48C-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66876	48	20	3560	55340	48	20	3579.8	55538	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.6	47286	23.89	24.04
	CA_2A-46E-48A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66876	48	20	3625	55990	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	23.66	24.04
	CA_2A-46E-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	23.82	24.04
	CA_2A-46E-66A-66A	2	20	1880	18900	QPSK	1	0	46	20	5517.7	50467	66	20	2120	66536	66	5	2190	67236	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.76	24.04

Default Power&DSI4/9/14

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.68	22.57	25.2	0.0
20	PI/2 BPSK	1	53	22.79	22.60	22.56		
20	PI/2 BPSK	1	104	22.67	22.58	22.49		
20	PI/2 BPSK	50	0	22.58	22.58	22.48	24.7	0.5
20	PI/2 BPSK	50	28	22.51	22.60	22.44	25.2	0.0
20	PI/2 BPSK	50	56	22.52	22.54	22.40	24.7	0.5
20	PI/2 BPSK	100	0	22.56	22.62	22.45		
20	QPSK	1	1	23.72	23.73	23.66	25.2	0.0
20	QPSK	1	53	23.70	23.62	23.63		
20	QPSK	1	104	23.55	23.66	23.62		
20	QPSK	50	0	23.26	23.49	23.23	24.2	1.0
20	QPSK	50	28	23.56	23.69	23.56	25.2	0.0
20	QPSK	50	56	22.98	23.09	23.07	24.2	1.0
20	QPSK	100	0	23.00	23.06	22.99		
20	16QAM	1	1	23.34	23.41	23.36	24.2	1.0
20	64QAM	1	1	21.87	21.88	21.82	22.7	2.5
20	256QAM	1	1	19.67	19.73	19.72	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.43	23.48	23.43	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.32	23.33	23.36	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.41	23.32	23.40	25.2	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.84	22.99	22.87	24.7	0.0
20	PI/2 BPSK	1	53	22.86	22.90	22.86		
20	PI/2 BPSK	1	104	22.87	22.84	22.77		
20	PI/2 BPSK	50	0	22.37	22.40	22.45	24.2	0.5
20	PI/2 BPSK	50	28	22.93	22.97	22.96	24.7	0.0
20	PI/2 BPSK	50	56	22.47	22.43	22.32	24.2	0.5
20	PI/2 BPSK	100	0	22.43	22.45	22.40		
20	QPSK	1	1	23.27	23.44	23.26	24.7	0.0
20	QPSK	1	53	23.26	23.41	23.25		
20	QPSK	1	104	23.18	23.19	23.15		
20	QPSK	50	0	22.93	23.11	22.88	23.7	1.0
20	QPSK	50	28	23.08	23.31	23.10	24.7	0.0
20	QPSK	50	56	22.73	22.87	22.63	23.7	1.0
20	QPSK	100	0	22.92	22.93	22.83		
20	16QAM	1	1	22.98	23.14	22.95	23.7	1.0
20	64QAM	1	1	21.69	21.70	21.65	22.2	2.5
20	256QAM	1	1	19.46	19.61	19.56	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.22	23.10	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.05	23.03	23.16	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.16	23.05	24.7	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.81	22.92	22.79	24.2	0.0
40	PI/2 BPSK	1	108	22.84	22.86	22.87		
40	PI/2 BPSK	1	214	22.82	22.79	22.79		
40	PI/2 BPSK	108	0	21.67	21.77	21.73	23.7	0.5
40	PI/2 BPSK	108	54	22.73	22.82	22.78	24.2	0.0
40	PI/2 BPSK	108	108	21.73	21.82	21.76	23.7	0.5
40	PI/2 BPSK	216	0	21.75	21.83	21.82		
40	QPSK	1	1	23.17	23.34	23.33	24.2	0.0
40	QPSK	1	108	23.24	23.21	23.17		
40	QPSK	1	214	23.12	23.31	23.20		
40	QPSK	108	0	22.62	22.86	22.71	23.2	1.0
40	QPSK	108	54	23.04	23.06	23.02	24.2	0.0
40	QPSK	108	108	22.58	22.67	22.52	23.2	1.0
40	QPSK	216	0	22.56	22.75	22.63		
40	16QAM	1	1	22.63	22.74	22.61	23.2	1.0
40	64QAM	1	1	21.52	21.63	21.40	21.7	2.5
40	256QAM	1	1	19.26	19.38	19.29	19.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.02	23.01	22.97	24.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.00	22.90	22.96	24.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.05	23.01	23.01	24.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.98	22.99	22.99	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.01	22.79	23.00	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.97	22.81	23.00	24.2	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.02	23.04	23.01	25.2	0.0
40	PI/2 BPSK	1	108	22.99	22.98	22.92		
40	PI/2 BPSK	1	214	23.00	22.96	22.98		
40	PI/2 BPSK	108	0	22.96	23.01	23.00	24.7	0.5
40	PI/2 BPSK	108	54	23.06	23.13	23.05	25.2	0.0
40	PI/2 BPSK	108	108	22.97	22.99	22.95	24.7	0.5
40	PI/2 BPSK	216	0	22.94	22.95	22.92		
40	QPSK	1	1	23.90	23.97	23.85	25.2	0.0
40	QPSK	1	108	23.87	23.95	23.84		
40	QPSK	1	214	23.88	23.91	23.85		
40	QPSK	108	0	23.54	23.51	23.49	24.2	1.0
40	QPSK	108	54	23.61	23.72	23.53	25.2	0.0
40	QPSK	108	108	23.35	23.38	23.24	24.2	1.0
40	QPSK	216	0	23.41	23.43	23.40		
40	16QAM	1	1	23.58	23.62	23.57	24.2	1.0
40	64QAM	1	1	22.07	22.14	21.95	22.7	2.5
40	256QAM	1	1	19.92	20.03	19.88	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.78	23.75	23.73	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.63	23.74	23.69	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.84	23.65	23.78	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.73	23.74	23.81	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.79	23.54	23.82	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.76	23.54	23.79	25.2	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.92		25.2	0.0
10	PI/2 BPSK	1	26		23.86			
10	PI/2 BPSK	1	50		23.79			
10	PI/2 BPSK	25	0		23.51		24.7	0.5
10	PI/2 BPSK	25	14		23.78		25.2	0.0
10	PI/2 BPSK	25	27		23.19		24.7	0.5
10	PI/2 BPSK	50	0		23.25			
10	QPSK	1	1		24.31		25.2	0.0
10	QPSK	1	26		24.28			
10	QPSK	1	50		24.23			
10	QPSK	25	0		24.15		24.2	1.0
10	QPSK	25	14		24.23		25.2	0.0
10	QPSK	25	27		23.14		24.2	1.0
10	QPSK	50	0		23.16			
10	16QAM	1	1		23.38		24.2	1.0
10	64QAM	1	1		21.91		22.7	2.5
10	256QAM	1	1		19.62		20.7	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	24.03	24.15	24.06	25.2	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.22	24.29	24.16	25.2	0.0
40	PI/2 BPSK	1	108	24.09	24.17	24.19		
40	PI/2 BPSK	1	214	24.14	24.11	24.22		
40	PI/2 BPSK	108	0	23.90	23.99	23.87	24.7	0.5
40	PI/2 BPSK	108	54	23.91	24.04	24.00	25.2	0.0
40	PI/2 BPSK	108	108	23.75	23.71	23.73	24.7	0.5
40	PI/2 BPSK	216	0	23.61	23.68	23.65		
40	QPSK	1	1	24.26	24.31	24.16	25.2	0.0
40	QPSK	1	108	24.19	24.04	24.14		
40	QPSK	1	214	24.12	24.04	24.00		
40	QPSK	108	0	23.81	24.01	23.81	24.2	1.0
40	QPSK	108	54	23.91	24.10	23.85	25.2	0.0
40	QPSK	108	108	22.88	22.78	22.82	24.2	1.0
40	QPSK	216	0	23.09	23.11	23.04		
40	16QAM	1	1	23.42	23.31	23.32	24.2	1.0
40	64QAM	1	1	21.92	21.85	21.77	22.7	2.5
40	256QAM	1	1	19.86	19.71	19.80	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.19	24.18	24.16	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.11	23.98	24.04	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.15	24.06	24.15	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.17	23.98	24.20	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.10	23.89	24.12	25.2	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.04	21.90	23.2	0.0
40	PI/2 BPSK	1	108	22.02	21.89	21.97		
40	PI/2 BPSK	1	214	21.91	21.90	21.87		
40	PI/2 BPSK	108	0	21.57	21.39	21.36	22.7	0.5
40	PI/2 BPSK	108	54	22.07	21.91	21.98	23.2	0.0
40	PI/2 BPSK	108	108	21.46	21.49	21.45	22.7	0.5
40	PI/2 BPSK	216	0	21.52	21.39	21.46		
40	QPSK	1	1	22.17	22.22	21.92	23.2	0.0
40	QPSK	1	108	22.02	21.96	21.94		
40	QPSK	1	214	21.87	21.96	21.93		
40	QPSK	108	0	22.00	21.85	21.81	23.2	0.0
40	QPSK	108	54	22.03	22.06	21.94	23.2	0.0
40	QPSK	108	108	21.92	21.98	21.92	23.2	0.0
40	QPSK	216	0	22.03	22.04	21.93		
40	16QAM	1	1	21.88	22.03	22.08	23.2	0.0
40	64QAM	1	1	20.32	20.49	20.45	21.7	1.5
40	256QAM	1	1	18.57	18.53	18.48	19.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.05	21.95	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.03	21.90	21.93	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.01	21.97	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.03	21.83	22.05	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.09	21.83	22.14	23.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.37	22.45	22.42	25.2	0.0
20	PI/2 BPSK	1	53	22.33	22.38	22.23		
20	PI/2 BPSK	1	104	22.28	22.23	22.14		
20	PI/2 BPSK	50	0	22.37	22.41	22.24	24.7	0.5
20	PI/2 BPSK	50	28	22.36	22.50	22.34	25.2	0.0
20	PI/2 BPSK	50	56	22.39	22.24	22.26	24.7	0.5
20	PI/2 BPSK	100	0	22.29	22.32	22.29		
20	QPSK	1	1	23.97	24.00	23.89	25.2	0.0
20	QPSK	1	53	23.64	23.71	23.60		
20	QPSK	1	104	23.64	23.65	23.54		
20	QPSK	50	0	23.45	23.48	23.46	24.2	1.0
20	QPSK	50	28	23.56	23.58	23.56	25.2	0.0
20	QPSK	50	56	23.11	23.11	23.04	24.2	1.0
20	QPSK	100	0	23.11	23.20	23.16		
20	16QAM	1	1	23.41	23.45	23.40	24.2	1.0
20	64QAM	1	1	21.95	21.96	21.93	22.7	2.5
20	256QAM	1	1	19.75	19.76	19.65	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.79	23.90	23.74	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.85	23.71	23.78	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.66	23.82	25.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.03	23.09	23.00	24.7	0.0
40	PI/2 BPSK	1	53	22.87	22.99	22.98		
40	PI/2 BPSK	1	104	22.99	23.01	22.98		
40	PI/2 BPSK	50	0	21.93	21.91	21.92	24.2	0.5
40	PI/2 BPSK	50	28	22.82	22.83	22.81	24.7	0.0
40	PI/2 BPSK	50	56	21.82	21.95	21.88	24.2	0.5
40	PI/2 BPSK	100	0	21.89	21.97	21.94		
40	QPSK	1	1	23.05	23.11	23.01	24.7	0.0
40	QPSK	1	53	22.94	23.02	22.99		
40	QPSK	1	104	23.03	23.07	23.05		
40	QPSK	50	0	22.42	22.57	22.43	24.7	0.0
40	QPSK	50	28	23.03	23.06	22.87		
40	QPSK	50	56	22.49	22.61	22.47		
40	QPSK	100	0	22.33	22.39	22.34	23.7	1.0
40	16QAM	1	1	22.34	22.55	22.38	23.7	1.0
40	64QAM	1	1	21.18	21.35	21.10	22.2	2.5
40	256QAM	1	1	19.08	19.19	19.08	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.84	22.89	22.82	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.88	22.77	22.81	24.7	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.93	23.18	22.95	24.2	0.0
100	PI/2 BPSK	1	137	22.97	22.93	22.83		
100	PI/2 BPSK	1	271	23.01	22.91	21.47		
100	PI/2 BPSK	135	0	21.85	22.87	22.79	23.7	0.5
100	PI/2 BPSK	135	69	22.89	22.97	22.75	24.2	0.0
100	PI/2 BPSK	135	138	22.89	22.92	22.65	23.7	0.5
100	PI/2 BPSK	270	0	22.79	22.84	22.68		
100	QPSK	1	1	23.11	23.25	23.13	24.2	0.0
100	QPSK	1	137	23.11	23.19	23.11		
100	QPSK	1	271	23.03	23.16	23.07		
100	QPSK	135	0	22.77	22.90	22.79	24.2	0.0
100	QPSK	135	69	23.04	23.09	22.96		
100	QPSK	135	138	22.31	22.54	22.46		
100	QPSK	270	0	22.70	22.85	22.70	23.2	1.0
100	16QAM	1	1	22.70	22.02	21.97	23.2	1.0
100	64QAM	1	1	20.93	20.44	20.36	21.7	2.5
100	256QAM	1	1	19.18	18.66	18.60	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.93	23.01	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.87	23.01	23.02	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.88	23.08	23.00	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	22.95	23.23	23.03	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.88	23.21	22.97	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.89	23.15	23.02	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.89	23.20	23.05	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.92	23.11	23.01	24.2	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.51	25.78	25.35	27.2	0.0
100	PI/2 BPSK	1	137	25.40	24.72	24.57		
100	PI/2 BPSK	1	271	25.43	24.78	22.15		
100	PI/2 BPSK	135	0	22.78	24.23	24.22	26.7	0.5
100	PI/2 BPSK	135	69	25.19	24.67	24.59	27.2	0.0
100	PI/2 BPSK	135	138	24.79	24.34	23.58	26.7	0.5
100	PI/2 BPSK	270	0	24.43	24.10	23.99		
100	QPSK	1	1	25.66	25.78	25.74	27.2	0.0
100	QPSK	1	137	25.71	25.74	25.67		
100	QPSK	1	271	25.68	25.74	25.64		
100	QPSK	135	0	23.45	23.73	23.47	27.2	0.0
100	QPSK	135	69	25.61	25.64	25.57		
100	QPSK	135	138	23.54	23.60	23.56		
100	QPSK	270	0	23.53	23.55	23.50	25.2	2.0
100	16QAM	1	1	24.82	24.94	24.87	26.2	1.0
100	64QAM	1	1	23.24	23.36	23.19	24.7	2.5
100	256QAM	1	1	21.16	21.11	21.06	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.26	25.39	25.35	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.31	25.35	25.33	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.31	25.41	25.35	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.24	25.58	25.35	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.29	25.53	25.30	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.31	25.34	25.29	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.26	25.61	25.35	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.25	25.58	25.26	27.2	0.0

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.97	23.21	23.01	24.2	0.0
100	PI/2 BPSK	1	137	23.04	23.03	22.99		
100	PI/2 BPSK	1	271	23.02	23.09	21.35		
100	PI/2 BPSK	135	0	22.58	22.53	22.51	23.7	0.5
100	PI/2 BPSK	135	69	22.95	22.96	22.82	24.2	0.0
100	PI/2 BPSK	135	138	22.43	22.42	21.91	23.7	0.5
100	PI/2 BPSK	270	0	22.36	22.48	22.21		
100	QPSK	1	1	23.10	23.32	23.01	24.2	0.0
100	QPSK	1	137	23.14	23.16	22.95		
100	QPSK	1	271	23.12	23.12	21.01		
100	QPSK	135	0	21.97	22.03	21.84	24.2	0.0
100	QPSK	135	69	22.81	22.96	22.68		
100	QPSK	135	138	21.95	21.88	21.45		
100	QPSK	270	0	21.89	21.96	21.72	23.2	1.0
100	16QAM	1	1	21.74	21.92	22.19	23.2	1.0
100	64QAM	1	1	20.58	20.75	20.64	21.7	2.5
100	256QAM	1	1	18.35	18.57	18.39	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.95	23.06	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.05	22.99	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.01	23.08	23.05	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.18	23.15	23.04	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.12	23.20	23.08	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.15	23.14	23.06	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.14	23.13	23.01	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.11	23.04	24.2	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.80	24.83	24.47	26.2	0.0
100	PI/2 BPSK	1	137	24.53	24.65	24.47		
100	PI/2 BPSK	1	271	24.66	24.72	24.70		
100	PI/2 BPSK	135	0	24.13	24.10	23.98	25.7	0.5
100	PI/2 BPSK	135	69	24.53	24.56	24.32	26.2	0.0
100	PI/2 BPSK	135	138	24.03	23.88	23.54	25.7	0.5
100	PI/2 BPSK	270	0	23.97	24.06	23.67		
100	QPSK	1	1	24.80	24.85	24.79	26.2	0.0
100	QPSK	1	137	24.61	24.64	24.67		
100	QPSK	1	271	24.68	24.75	24.65		
100	QPSK	135	0	23.64	23.68	23.65	26.2	0.0
100	QPSK	135	69	24.61	24.73	24.67		
100	QPSK	135	138	23.65	23.67	23.57		
100	QPSK	270	0	23.34	23.35	23.16	24.2	2.0
100	16QAM	1	1	23.77	23.80	23.74	25.2	1.0
100	64QAM	1	1	22.37	22.41	22.39	23.7	2.5
100	256QAM	1	1	20.17	20.19	20.09	21.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.75	24.82	24.72	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.78	24.85	24.80	26.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.70	24.80	24.74	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.80	24.78	24.67	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.81	24.84	24.78	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.69	24.81	24.67	26.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.68	24.80	24.70	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.69	24.80	24.71	26.2	0.0

n41(PC3)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.10	22.21	22.12	23.2	0.0
100	PI/2 BPSK	1	137	22.01	22.13	21.94		
100	PI/2 BPSK	1	271	22.12	22.02	20.84		
100	PI/2 BPSK	135	0	22.09	22.04	21.94	22.7	0.5
100	PI/2 BPSK	135	69	21.96	22.10	21.84	23.2	0.0
100	PI/2 BPSK	135	138	21.99	22.01	21.62	22.7	0.5
100	PI/2 BPSK	270	0	21.97	22.03	21.92		
100	QPSK	1	1	22.15	22.21	22.06	23.2	0.0
100	QPSK	1	137	22.08	22.05	21.99		
100	QPSK	1	271	22.16	22.19	20.06		
100	QPSK	135	0	21.83	22.11	21.98	23.2	0.0
100	QPSK	135	69	22.05	22.16	22.09		
100	QPSK	135	138	22.04	21.97	21.58		
100	QPSK	270	0	21.86	22.03	21.78	22.2	1.0
100	16QAM	1	1	22.35	22.01	21.85	22.2	1.0
100	64QAM	1	1	20.82	20.65	20.63	20.7	2.5
100	256QAM	1	1	18.56	18.52	18.47	18.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.99	22.08	22.09	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.04	22.06	22.05	23.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.01	22.09	22.01	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.15	22.20	22.08	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.18	22.15	22.09	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.12	22.13	22.10	23.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.03	22.05	22.01	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.95	22.00	21.85	23.2	0.0

n41(PC2)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.95	23.96	23.82	25.2	0.0
100	PI/2 BPSK	1	137	24.07	24.00	23.76		
100	PI/2 BPSK	1	271	24.01	23.86	23.74		
100	PI/2 BPSK	135	0	23.45	23.50	23.41	24.7	0.5
100	PI/2 BPSK	135	69	23.97	23.92	23.71	25.2	0.0
100	PI/2 BPSK	135	138	23.60	23.41	23.38	24.7	0.5
100	PI/2 BPSK	270	0	23.55	23.70	23.64		
100	QPSK	1	1	24.00	24.18	24.09	25.2	0.0
100	QPSK	1	137	23.87	23.99	23.81		
100	QPSK	1	271	23.77	23.86	23.76		
100	QPSK	135	0	22.37	22.40	22.35	25.2	0.0
100	QPSK	135	69	23.87	23.91	23.80		
100	QPSK	135	138	22.41	22.45	22.39		
100	QPSK	270	0	23.33	23.35	23.24	24.2	1.0
100	16QAM	1	1	22.97	23.02	22.87	24.2	1.0
100	64QAM	1	1	21.43	21.54	21.63	22.7	2.5
100	256QAM	1	1	19.49	19.51	19.45	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.02	24.07	24.01	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	1	23.94	24.13	24.07	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.03	24.12	24.08	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.02	24.16	23.99	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	1	24.01	24.16	24.05	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.00	24.10	24.00	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.04	24.11	23.97	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	1	24.02	24.09	24.04	25.2	0.0

n2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.43	23.45	22.29	25.2	0.0
20	PI/2 BPSK	1	53	22.35	22.32	22.34		
20	PI/2 BPSK	1	104	22.33	22.23	22.28		
20	PI/2 BPSK	50	0	22.29	22.27	22.29	24.7	0.5
20	PI/2 BPSK	50	28	22.38	22.41	22.26	25.2	0.0
20	PI/2 BPSK	50	56	22.28	22.26	22.21	24.7	0.5
20	PI/2 BPSK	100	0	22.31	22.32	22.25		
20	QPSK	1	1	24.21	24.25	24.02	25.2	0.0
20	QPSK	1	53	24.00	24.11	24.02		
20	QPSK	1	104	24.06	24.05	23.99		
20	QPSK	50	0	23.01	23.02	23.01	24.2	1.0
20	QPSK	50	28	23.93	24.02	23.92	25.2	0.0
20	QPSK	50	56	23.00	23.10	22.99	24.2	1.0
20	QPSK	100	0	22.92	23.04	22.98		
20	16QAM	1	1	23.28	23.37	23.28	24.2	1.0
20	64QAM	1	1	21.64	21.76	21.66	22.7	2.5
20	256QAM	1	1	19.54	19.63	19.55	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.16	24.19	23.98	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.09	24.23	23.95	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.15	24.20	23.98	25.2	0.0

n5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.28	23.20	23.35	24.7	0.0
20	PI/2 BPSK	1	53	23.25	23.26	23.18		
20	PI/2 BPSK	1	104	23.12	23.08	23.07		
20	PI/2 BPSK	50	0	22.74	22.73	22.87	24.2	0.5
20	PI/2 BPSK	50	28	23.31	23.30	23.33	24.7	0.0
20	PI/2 BPSK	50	56	22.79	22.75	22.66	24.2	0.5
20	PI/2 BPSK	100	0	22.74	22.74	22.76		
20	QPSK	1	1	23.34	23.45	23.42	24.7	0.0
20	QPSK	1	53	23.32	23.38	23.40		
20	QPSK	1	104	23.26	23.22	23.24		
20	QPSK	50	0	22.80	22.86	22.84	23.7	1.0
20	QPSK	50	28	23.29	23.30	23.27	24.7	0.0
20	QPSK	50	56	22.79	22.76	22.77	23.7	1.0
20	QPSK	100	0	22.77	22.86	22.75		
20	16QAM	1	1	23.08	23.05	23.01	23.7	1.0
20	64QAM	1	1	21.51	21.54	21.58	22.2	2.5
20	256QAM	1	1	19.31	19.37	19.36	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.13	23.17	23.19	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	23.09	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.19	23.16	23.14	24.7	0.0

n7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.69	22.74	22.64	24.2	0.0
40	PI/2 BPSK	1	108	22.64	22.73	22.65		
40	PI/2 BPSK	1	214	22.67	22.68	22.73		
40	PI/2 BPSK	108	0	21.60	21.68	21.59	23.7	0.5
40	PI/2 BPSK	108	54	22.54	22.60	22.56	24.2	0.0
40	PI/2 BPSK	108	108	21.66	21.61	21.54	23.7	0.5
40	PI/2 BPSK	216	0	21.59	21.63	21.55		
40	QPSK	1	1	23.15	23.27	23.21	24.2	0.0
40	QPSK	1	108	23.14	23.12	23.13		
40	QPSK	1	214	23.10	23.15	23.11		
40	QPSK	108	0	22.44	22.59	22.50	23.2	1.0
40	QPSK	108	54	23.03	23.22	23.06	24.2	0.0
40	QPSK	108	108	22.54	22.61	22.49	23.2	1.0
40	QPSK	216	0	22.50	22.59	22.45		
40	16QAM	1	1	22.76	22.90	22.80	23.2	1.0
40	64QAM	1	1	21.30	21.41	21.36	21.7	2.5
40	256QAM	1	1	19.26	19.33	19.24	19.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.12	23.21	23.10	24.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.04	23.17	23.20	24.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.09	23.21	23.09	24.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.08	23.20	23.12	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.05	23.25	23.09	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.13	23.26	23.11	24.2	0.0

n25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.41	22.44	22.41	25.2	0.0
40	PI/2 BPSK	1	108	22.41	22.32	22.30		
40	PI/2 BPSK	1	214	22.35	22.36	22.40		
40	PI/2 BPSK	108	0	22.16	22.22	22.17	24.7	0.5
40	PI/2 BPSK	108	54	22.30	22.38	22.23	25.2	0.0
40	PI/2 BPSK	108	108	22.31	22.32	22.32	24.7	0.5
40	PI/2 BPSK	216	0	22.29	22.37	22.31		
40	QPSK	1	1	24.18	24.21	24.08	25.2	0.0
40	QPSK	1	108	23.92	23.88	23.88		
40	QPSK	1	214	23.85	23.82	23.77		
40	QPSK	108	0	22.83	22.81	22.80	24.2	1.0
40	QPSK	108	54	23.70	23.78	23.71	25.2	0.0
40	QPSK	108	108	22.88	22.75	22.78	24.2	1.0
40	QPSK	216	0	22.88	22.90	22.77		
40	16QAM	1	1	23.42	23.31	22.88	24.2	1.0
40	64QAM	1	1	21.88	21.77	21.73	22.7	2.5
40	256QAM	1	1	19.72	19.55	19.60	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.11	24.09	23.97	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.16	24.09	23.98	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.17	24.19	23.97	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.17	24.20	24.04	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.09	24.16	23.96	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.07	24.12	23.99	25.2	0.0

n30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.44		25.2	0.0
10	PI/2 BPSK	1	26		22.39			
10	PI/2 BPSK	1	50		22.37			
10	PI/2 BPSK	25	0		21.34		24.7	0.5
10	PI/2 BPSK	25	14		22.34		25.2	0.0
10	PI/2 BPSK	25	27		21.32		24.7	0.5
10	PI/2 BPSK	50	0		21.33			
10	QPSK	1	1		23.77		25.2	0.0
10	QPSK	1	26		23.75			
10	QPSK	1	50		23.69			
10	QPSK	25	0		20.63		24.2	1.0
10	QPSK	25	14		23.64		25.2	0.0
10	QPSK	25	27		22.63		24.2	1.0
10	QPSK	50	0		22.65			
10	16QAM	1	1		22.95		24.2	1.0
10	64QAM	1	1		21.35		22.7	2.5
10	256QAM	1	1		19.11		20.7	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.71	23.76	23.68	25.2	0.0

n66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.50	22.68	22.39	25.2	0.0
40	PI/2 BPSK	1	108	22.47	22.35	22.40		
40	PI/2 BPSK	1	214	22.32	22.32	22.37		
40	PI/2 BPSK	108	0	21.47	21.41	21.28	24.7	0.5
40	PI/2 BPSK	108	54	22.43	22.45	22.38	25.2	0.0
40	PI/2 BPSK	108	108	21.38	21.47	21.40	24.7	0.5
40	PI/2 BPSK	216	0	21.43	21.47	21.36		
40	QPSK	1	1	24.11	24.15	23.99	25.2	0.0
40	QPSK	1	108	23.71	23.94	23.74		
40	QPSK	1	214	23.66	23.99	23.72		
40	QPSK	108	0	22.77	23.02	22.61	24.2	1.0
40	QPSK	108	54	23.71	23.89	23.86	25.2	0.0
40	QPSK	108	108	22.66	22.97	22.70	24.2	1.0
40	QPSK	216	0	22.66	22.93	22.66		
40	16QAM	1	1	23.12	23.22	22.96	24.2	1.0
40	64QAM	1	1	21.47	21.79	21.32	22.7	2.5
40	256QAM	1	1	19.35	19.59	19.20	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.05	24.03	23.98	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.08	24.11	23.97	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.08	24.11	23.88	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.01	24.10	23.87	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.08	24.12	23.88	25.2	0.0

n71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.71	22.74	22.67	25.2	0.0
20	PI/2 BPSK	1	53	22.58	22.52	22.52		
20	PI/2 BPSK	1	104	22.54	22.45	22.44		
20	PI/2 BPSK	50	0	22.48	22.56	22.50	24.7	0.5
20	PI/2 BPSK	50	28	22.61	22.66	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.58	22.45	22.53	24.7	0.5
20	PI/2 BPSK	100	0	22.53	22.55	22.50		
20	QPSK	1	1	24.04	24.13	24.09	25.2	0.0
20	QPSK	1	53	24.03	24.05	23.95		
20	QPSK	1	104	23.99	23.98	23.97		
20	QPSK	50	0	22.88	23.02	22.98	24.2	1.0
20	QPSK	50	28	23.93	23.99	23.93	25.2	0.0
20	QPSK	50	56	22.93	22.88	22.86	24.2	1.0
20	QPSK	100	0	22.99	23.03	22.88		
20	16QAM	1	1	22.42	23.22	23.29	24.2	1.0
20	64QAM	1	1	20.95	21.69	21.86	22.7	2.5
20	256QAM	1	1	18.81	19.55	19.60	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.01	24.04	24.03	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.92	24.03	24.08	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.01	24.06	24.07	25.2	0.0

n38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.11	23.17	22.97	24.7	0.0
40	PI/2 BPSK	1	53	22.98	23.06	23.08		
40	PI/2 BPSK	1	104	23.03	23.03	23.11		
40	PI/2 BPSK	50	0	21.93	22.00	21.96	24.2	0.5
40	PI/2 BPSK	50	28	22.98	22.99	22.96	24.7	0.0
40	PI/2 BPSK	50	56	22.02	21.98	21.97	24.2	0.5
40	PI/2 BPSK	100	0	21.89	22.07	22.06		
40	QPSK	1	1	23.18	23.35	23.16	24.7	0.0
40	QPSK	1	53	23.01	23.11	23.02		
40	QPSK	1	104	23.19	23.20	23.17		
40	QPSK	50	0	22.58	22.69	22.64	24.7	0.0
40	QPSK	50	28	22.99	23.12	23.00		
40	QPSK	50	56	22.59	22.69	22.55		
40	QPSK	100	0	22.89	22.98	22.89	23.7	1.0
40	16QAM	1	1	22.72	22.88	22.80	23.7	1.0
40	64QAM	1	1	21.32	21.44	21.29	22.2	2.5
40	256QAM	1	1	18.98	19.13	19.06	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.08	23.13	23.04	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.10	22.95	23.10	24.7	0.0

n41(PC3)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.04	23.17	23.11	24.2	0.0
100	PI/2 BPSK	1	137	23.11	23.13	23.04		
100	PI/2 BPSK	1	271	23.15	23.07	23.01		
100	PI/2 BPSK	135	0	21.64	22.45	22.38	23.7	0.5
100	PI/2 BPSK	135	69	22.97	22.89	22.99	24.2	0.0
100	PI/2 BPSK	135	138	22.55	22.45	22.32	23.7	0.5
100	PI/2 BPSK	270	0	22.36	22.42	22.48		
100	QPSK	1	1	22.97	23.18	23.14	24.2	0.0
100	QPSK	1	137	22.94	23.11	23.01		
100	QPSK	1	271	22.86	23.12	22.96		
100	QPSK	135	0	21.89	22.07	22.01	24.2	0.0
100	QPSK	135	69	22.79	23.03	22.90		
100	QPSK	135	138	21.79	22.04	21.91		
100	QPSK	270	0	21.81	21.90	21.76	23.2	1.0
100	16QAM	1	1	22.16	21.80	21.72	23.2	1.0
100	64QAM	1	1	20.57	20.69	20.56	21.7	2.5
100	256QAM	1	1	18.38	18.52	18.39	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.92	22.96	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.96	22.95	22.94	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.93	23.05	22.92	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.03	23.10	22.99	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.01	23.13	22.93	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.94	23.27	22.98	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.01	23.18	23.03	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.98	23.17	22.96	24.2	0.0

n41(PC2)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.43	25.67	25.61	27.2	0.0
100	PI/2 BPSK	1	137	25.37	25.19	25.54		
100	PI/2 BPSK	1	271	25.40	25.15	23.95		
100	PI/2 BPSK	135	0	22.36	23.27	23.21	26.7	0.5
100	PI/2 BPSK	135	69	25.23	25.21	25.26	27.2	0.0
100	PI/2 BPSK	135	138	23.20	23.27	23.00	26.7	0.5
100	PI/2 BPSK	270	0	23.10	23.21	23.19		
100	QPSK	1	1	25.78	25.95	25.92	27.2	0.0
100	QPSK	1	137	25.76	25.87	25.89		
100	QPSK	1	271	25.75	25.91	25.83		
100	QPSK	135	0	23.65	23.76	23.67	27.2	0.0
100	QPSK	135	69	25.54	25.61	25.58		
100	QPSK	135	138	23.65	23.70	23.62		
100	QPSK	270	0	23.61	23.75	23.68	25.2	2.0
100	16QAM	1	1	24.89	24.94	24.96	26.2	1.0
100	64QAM	1	1	23.37	23.55	23.42	24.7	2.5
100	256QAM	1	1	21.26	21.32	21.24	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.85	25.81	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.66	25.91	25.88	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.73	25.86	25.83	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.77	25.91	25.89	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.69	25.88	25.87	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.70	25.92	25.91	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.67	25.92	25.82	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.76	25.86	25.84	27.2	0.0

Reduced Power for DSI5

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.96	16.97	16.87	18.2	0.0
20	PI/2 BPSK	1	53	16.96	16.92	16.85		
20	PI/2 BPSK	1	104	16.91	16.93	16.83		
20	PI/2 BPSK	50	0	16.95	16.90	16.88	18.2	0.0
20	PI/2 BPSK	50	28	16.91	16.95	16.91	18.2	0.0
20	PI/2 BPSK	50	56	16.96	16.96	16.85	18.2	0.0
20	PI/2 BPSK	100	0	16.91	16.92	16.84		
20	QPSK	1	1	16.92	17.02	16.99	18.2	0.0
20	QPSK	1	53	17.01	16.94	16.94		
20	QPSK	1	104	16.90	16.91	16.92		
20	QPSK	50	0	16.97	16.93	16.86	18.2	0.0
20	QPSK	50	28	16.98	16.99	16.92	18.2	0.0
20	QPSK	50	56	16.92	16.91	16.84	18.2	0.0
20	QPSK	100	0	16.89	16.90	16.87		
20	16QAM	1	1	16.91	16.93	16.91	18.2	0.0
20	64QAM	1	1	16.91	16.97	16.88	18.2	0.0
20	256QAM	1	1	16.91	16.90	16.88	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.97	16.97	16.90	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.93	16.92	16.89	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.95	16.96	16.85	18.2	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.30	22.52	22.36	23.7	0.0
20	PI/2 BPSK	1	53	22.34	22.53	22.38		
20	PI/2 BPSK	1	104	22.33	22.48	22.39		
20	PI/2 BPSK	50	0	22.36	22.49	22.40	23.7	0.0
20	PI/2 BPSK	50	28	22.34	22.46	22.35	23.7	0.0
20	PI/2 BPSK	50	56	22.32	22.48	22.41	23.7	0.0
20	PI/2 BPSK	100	0	22.33	22.53	22.41		
20	QPSK	1	1	22.44	22.58	22.44	23.7	0.0
20	QPSK	1	53	22.43	22.51	22.38		
20	QPSK	1	104	22.41	22.56	22.35		
20	QPSK	50	0	22.43	22.50	22.42	23.7	0.0
20	QPSK	50	28	22.38	22.55	22.42	23.7	0.0
20	QPSK	50	56	22.32	22.53	22.36	23.7	0.0
20	QPSK	100	0	22.33	22.48	22.33		
20	16QAM	1	1	22.34	22.47	22.37	23.7	0.0
20	64QAM	1	1	20.79	20.98	20.86	22.2	1.5
20	256QAM	1	1	18.81	18.97	18.90	20.2	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.35	22.54	22.38	23.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.34	22.49	22.39	23.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.29	22.51	22.33	23.7	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.84	15.87	15.78	16.7	0.0
40	PI/2 BPSK	1	108	15.83	15.88	15.84		
40	PI/2 BPSK	1	214	15.83	15.84	15.79		
40	PI/2 BPSK	108	0	15.81	15.80	15.79	16.7	0.0
40	PI/2 BPSK	108	54	15.86	15.87	15.82	16.7	0.0
40	PI/2 BPSK	108	108	15.85	15.82	15.79	16.7	0.0
40	PI/2 BPSK	216	0	15.83	15.81	15.83		
40	QPSK	1	1	15.92	15.98	15.89	16.7	0.0
40	QPSK	1	108	15.88	15.97	15.84		
40	QPSK	1	214	15.83	15.96	15.80		
40	QPSK	108	0	15.78	15.85	15.85	16.7	0.0
40	QPSK	108	54	15.87	15.89	15.87	16.7	0.0
40	QPSK	108	108	15.86	15.85	15.84	16.7	0.0
40	QPSK	216	0	15.82	15.87	15.84		
40	16QAM	1	1	15.79	15.88	15.83	16.7	0.0
40	64QAM	1	1	15.85	15.84	15.79	16.7	0.0
40	256QAM	1	1	15.81	15.81	15.85	16.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.78	15.86	15.78	16.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.76	15.77	15.75	16.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.80	15.84	15.81	16.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.85	15.86	15.80	16.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.81	15.84	15.86	16.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.79	15.85	15.84	16.7	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.99	17.05	17.00	18.2	0.0
40	PI/2 BPSK	1	108	17.01	16.99	16.97		
40	PI/2 BPSK	1	214	16.97	16.99	16.95		
40	PI/2 BPSK	108	0	16.99	17.06	16.94	18.2	0.0
40	PI/2 BPSK	108	54	16.98	17.06	16.95	18.2	0.0
40	PI/2 BPSK	108	108	16.98	17.03	17.00	18.2	0.0
40	PI/2 BPSK	216	0	16.97	17.06	16.95		
40	QPSK	1	1	17.09	17.11	17.04	18.2	0.0
40	QPSK	1	108	17.08	17.06	16.96		
40	QPSK	1	214	17.03	17.05	16.96		
40	QPSK	108	0	16.98	17.02	17.02	18.2	0.0
40	QPSK	108	54	17.04	17.08	17.03	18.2	0.0
40	QPSK	108	108	16.98	17.06	16.95	18.2	0.0
40	QPSK	216	0	16.99	17.05	16.99		
40	16QAM	1	1	16.96	17.04	16.99	18.2	0.0
40	64QAM	1	1	16.95	17.05	16.94	18.2	0.0
40	256QAM	1	1	17.00	17.04	16.95	18.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.95	16.99	17.02	18.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.97	16.99	16.87	18.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.00	16.99	17.00	18.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.97	17.06	17.00	18.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.01	17.04	16.94	18.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.03	17.00	17.02	18.2	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		17.85		18.7	0.0
10	PI/2 BPSK	1	26		17.83			
10	PI/2 BPSK	1	50		17.80			
10	PI/2 BPSK	25	0		17.86		18.7	0.0
10	PI/2 BPSK	25	14		17.87		18.7	0.0
10	PI/2 BPSK	25	27		17.79		18.7	0.0
10	PI/2 BPSK	50	0		17.87			
10	QPSK	1	1		17.98		18.7	0.0
10	QPSK	1	26		17.97			
10	QPSK	1	50		17.97			
10	QPSK	25	0		17.83		18.7	0.0
10	QPSK	25	14		17.89		18.7	0.0
10	QPSK	25	27		17.86		18.7	0.0
10	QPSK	50	0		17.82			
10	16QAM	1	1		17.87		18.7	0.0
10	64QAM	1	1		17.86		18.7	0.0
10	256QAM	1	1		17.80		18.7	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	17.87	17.82	17.82	18.7	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.44	17.42	17.39	18.2	0.0
40	PI/2 BPSK	1	108	17.41	17.44	17.36		
40	PI/2 BPSK	1	214	17.39	17.44	17.43		
40	PI/2 BPSK	108	0	17.41	17.42	17.36	18.2	0.0
40	PI/2 BPSK	108	54	17.46	17.43	17.36	18.2	0.0
40	PI/2 BPSK	108	108	17.46	17.44	17.38	18.2	0.0
40	PI/2 BPSK	216	0	17.39	17.41	17.36		
40	QPSK	1	1	17.51	17.53	17.50	18.2	0.0
40	QPSK	1	108	17.50	17.48	17.43		
40	QPSK	1	214	17.47	17.48	17.41		
40	QPSK	108	0	17.44	17.45	17.35	18.2	0.0
40	QPSK	108	54	17.47	17.49	17.44	18.2	0.0
40	QPSK	108	108	17.42	17.43	17.36	18.2	0.0
40	QPSK	216	0	17.43	17.48	17.35		
40	16QAM	1	1	17.39	17.46	17.35	18.2	0.0
40	64QAM	1	1	17.42	17.45	17.38	18.2	0.0
40	256QAM	1	1	17.39	17.46	17.39	18.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.40	17.41	17.43	18.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.38	17.40	17.35	18.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.38	17.45	17.42	18.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.46	17.46	17.36	18.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.43	17.42	17.35	18.2	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.04	21.90	23.2	0.0
40	PI/2 BPSK	1	108	22.02	21.89	21.97		
40	PI/2 BPSK	1	214	21.91	21.90	21.87		
40	PI/2 BPSK	108	0	21.57	21.39	21.36	22.7	0.5
40	PI/2 BPSK	108	54	22.07	21.91	21.98	23.2	0.0
40	PI/2 BPSK	108	108	21.46	21.49	21.45	22.7	0.5
40	PI/2 BPSK	216	0	21.52	21.39	21.46		
40	QPSK	1	1	22.17	22.22	21.92	23.2	0.0
40	QPSK	1	108	22.02	21.96	21.94		
40	QPSK	1	214	21.87	21.96	21.93		
40	QPSK	108	0	22.00	21.85	21.81	23.2	0.0
40	QPSK	108	54	22.03	22.06	21.94	23.2	0.0
40	QPSK	108	108	21.92	21.98	21.92	23.2	0.0
40	QPSK	216	0	22.03	22.04	21.93		
40	16QAM	1	1	21.88	22.03	22.08	23.2	0.0
40	64QAM	1	1	20.32	20.49	20.45	21.7	1.5
40	256QAM	1	1	18.57	18.53	18.48	19.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.05	21.95	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.03	21.90	21.93	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.01	21.97	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.03	21.83	22.05	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.09	21.83	22.14	23.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.37	22.45	22.42	25.2	0.0
20	PI/2 BPSK	1	53	22.33	22.38	22.23		
20	PI/2 BPSK	1	104	22.28	22.23	22.14		
20	PI/2 BPSK	50	0	22.37	22.41	22.24	24.7	0.5
20	PI/2 BPSK	50	28	22.36	22.50	22.34	25.2	0.0
20	PI/2 BPSK	50	56	22.39	22.24	22.26	24.7	0.5
20	PI/2 BPSK	100	0	22.29	22.32	22.29		
20	QPSK	1	1	23.97	24.00	23.89	25.2	0.0
20	QPSK	1	53	23.64	23.71	23.60		
20	QPSK	1	104	23.64	23.65	23.54		
20	QPSK	50	0	23.45	23.48	23.46	24.2	1.0
20	QPSK	50	28	23.56	23.58	23.56	25.2	0.0
20	QPSK	50	56	23.11	23.11	23.04	24.2	1.0
20	QPSK	100	0	23.11	23.20	23.16		
20	16QAM	1	1	23.41	23.45	23.40	24.2	1.0
20	64QAM	1	1	21.95	21.96	21.93	22.7	2.5
20	256QAM	1	1	19.75	19.76	19.65	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.79	23.90	23.74	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.85	23.71	23.78	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.66	23.82	25.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.26	15.25	15.16	16.7	0.0
40	PI/2 BPSK	1	53	15.26	15.23	15.17		
40	PI/2 BPSK	1	104	15.29	15.25	15.18		
40	PI/2 BPSK	50	0	15.26	15.31	15.22	16.7	0.0
40	PI/2 BPSK	50	28	15.21	15.28	15.21	16.7	0.0
40	PI/2 BPSK	50	56	15.29	15.24	15.21	16.7	0.0
40	PI/2 BPSK	100	0	15.27	15.26	15.24		
40	QPSK	1	1	15.35	15.36	15.27	16.7	0.0
40	QPSK	1	53	15.30	15.35	15.22		
40	QPSK	1	104	15.33	15.30	15.24		
40	QPSK	50	0	15.26	15.31	15.21	16.7	0.0
40	QPSK	50	28	15.30	15.32	15.25		
40	QPSK	50	56	15.29	15.28	15.17		
40	QPSK	100	0	15.26	15.27	15.20	16.7	0.0
40	16QAM	1	1	15.25	15.23	15.23	16.7	0.0
40	64QAM	1	1	15.25	15.29	15.22	16.7	0.0
40	256QAM	1	1	15.28	15.30	15.23	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.23	15.29	15.18	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.21	15.27	15.23	16.7	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.28	15.35	15.17	16.7	0.0
100	PI/2 BPSK	1	137	15.31	15.35	15.17		
100	PI/2 BPSK	1	271	15.28	15.35	15.22		
100	PI/2 BPSK	135	0	15.32	15.37	15.25	16.7	0.0
100	PI/2 BPSK	135	69	15.31	15.37	15.24	16.7	0.0
100	PI/2 BPSK	135	138	15.26	15.36	15.21	16.7	0.0
100	PI/2 BPSK	270	0	15.32	15.38	15.21		
100	QPSK	1	1	15.36	15.41	15.35	16.7	0.0
100	QPSK	1	137	15.35	15.34	15.32		
100	QPSK	1	271	15.34	15.33	15.33		
100	QPSK	135	0	15.26	15.30	15.21	16.7	0.0
100	QPSK	135	69	15.33	15.39	15.26		
100	QPSK	135	138	15.31	15.31	15.20		
100	QPSK	270	0	15.28	15.38	15.19	16.7	0.0
100	16QAM	1	1	15.27	15.35	15.22	16.7	0.0
100	64QAM	1	1	15.28	15.37	15.25	16.7	0.0
100	256QAM	1	1	15.25	15.31	15.21	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.30	15.35	15.21	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.28	15.33	15.23	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.27	15.37	15.17	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.28	15.37	15.25	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.32	15.35	15.18	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.28	15.35	15.17	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.30	15.38	15.17	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.29	15.35	15.18	16.7	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.28	15.35	15.17	16.7	0.0
100	PI/2 BPSK	1	137	15.31	15.35	15.17		
100	PI/2 BPSK	1	271	15.28	15.35	15.22		
100	PI/2 BPSK	135	0	15.32	15.37	15.25	16.7	0.0
100	PI/2 BPSK	135	69	15.31	15.37	15.24	16.7	0.0
100	PI/2 BPSK	135	138	15.26	15.36	15.21	16.7	0.0
100	PI/2 BPSK	270	0	15.32	15.38	15.21		
100	QPSK	1	1	15.36	15.41	15.35	16.7	0.0
100	QPSK	1	137	15.35	15.34	15.32		
100	QPSK	1	271	15.34	15.33	15.33		
100	QPSK	135	0	15.26	15.30	15.21	16.7	0.0
100	QPSK	135	69	15.33	15.39	15.26		
100	QPSK	135	138	15.31	15.31	15.20		
100	QPSK	270	0	15.28	15.38	15.19	16.7	0.0
100	16QAM	1	1	15.27	15.35	15.22	16.7	0.0
100	64QAM	1	1	15.28	15.37	15.25	16.7	0.0
100	256QAM	1	1	15.25	15.31	15.21	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.30	15.35	15.21	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.28	15.33	15.23	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.27	15.37	15.17	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.28	15.37	15.25	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.32	15.35	15.18	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.28	15.35	15.17	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.30	15.38	15.17	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.29	15.35	15.18	16.7	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.28	16.35	16.17	17.7	0.0
100	PI/2 BPSK	1	137	16.31	16.35	16.17		
100	PI/2 BPSK	1	271	16.28	16.35	16.22		
100	PI/2 BPSK	135	0	16.32	16.37	16.25	17.7	0.0
100	PI/2 BPSK	135	69	16.31	16.37	16.24	17.7	0.0
100	PI/2 BPSK	135	138	16.26	16.36	16.21	17.7	0.0
100	PI/2 BPSK	270	0	16.32	16.38	16.21		
100	QPSK	1	1	16.36	16.41	16.35	17.7	0.0
100	QPSK	1	137	16.35	16.34	16.32		
100	QPSK	1	271	16.34	16.33	16.33		
100	QPSK	135	0	16.26	16.30	16.21	17.7	0.0
100	QPSK	135	69	16.33	16.39	16.26		
100	QPSK	135	138	16.31	16.31	16.20		
100	QPSK	270	0	16.28	16.38	16.19	17.7	0.0
100	16QAM	1	1	16.27	16.35	16.22	17.7	0.0
100	64QAM	1	1	16.28	16.37	16.25	17.7	0.0
100	256QAM	1	1	16.25	16.31	16.21	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.30	16.35	16.21	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.28	16.33	16.23	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.27	16.37	16.17	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.28	16.37	16.25	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.32	16.35	16.18	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.28	16.35	16.17	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.30	16.38	16.17	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.29	16.35	16.18	17.7	0.0

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.28	16.35	16.17	17.7	0.0
100	PI/2 BPSK	1	137	16.31	16.35	16.17		
100	PI/2 BPSK	1	271	16.28	16.35	16.22		
100	PI/2 BPSK	135	0	16.32	16.37	16.25	17.7	0.0
100	PI/2 BPSK	135	69	16.31	16.37	16.24	17.7	0.0
100	PI/2 BPSK	135	138	16.26	16.36	16.21	17.7	0.0
100	PI/2 BPSK	270	0	16.32	16.38	16.21		
100	QPSK	1	1	16.36	16.41	16.35	17.7	0.0
100	QPSK	1	137	16.35	16.34	16.32		
100	QPSK	1	271	16.34	16.33	16.33		
100	QPSK	135	0	16.26	16.30	16.21	17.7	0.0
100	QPSK	135	69	16.33	16.39	16.26		
100	QPSK	135	138	16.31	16.31	16.20		
100	QPSK	270	0	16.28	16.38	16.19	17.7	0.0
100	16QAM	1	1	16.27	16.35	16.22	17.7	0.0
100	64QAM	1	1	16.28	16.37	16.25	17.7	0.0
100	256QAM	1	1	16.25	16.31	16.21	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.30	16.35	16.21	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.28	16.33	16.23	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.27	16.37	16.17	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.28	16.37	16.25	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.32	16.35	16.18	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.28	16.35	16.17	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.30	16.38	16.17	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.29	16.35	16.18	17.7	0.0

n41(PC2)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.22	17.28	17.24	18.2	0.0
100	PI/2 BPSK	1	137	17.18	17.32	17.23		
100	PI/2 BPSK	1	271	17.18	17.32	17.25		
100	PI/2 BPSK	135	0	17.18	17.36	17.18	18.2	0.0
100	PI/2 BPSK	135	69	17.23	17.33	17.25	18.2	0.0
100	PI/2 BPSK	135	138	17.21	17.35	17.20	18.2	0.0
100	PI/2 BPSK	270	0	17.20	17.30	17.23		
100	QPSK	1	1	17.32	17.40	17.36	18.2	0.0
100	QPSK	1	137	17.27	17.34	17.35		
100	QPSK	1	271	17.25	17.36	17.27		
100	QPSK	135	0	17.25	17.36	17.20	18.2	0.0
100	QPSK	135	69	17.26	17.37	17.27		
100	QPSK	135	138	17.17	17.29	17.21		
100	QPSK	270	0	17.24	17.36	17.19	18.2	0.0
100	16QAM	1	1	17.24	17.28	17.21	18.2	0.0
100	64QAM	1	1	17.17	17.29	17.20	18.2	0.0
100	256QAM	1	1	17.19	17.29	17.22	18.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.20	17.31	17.18	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	1	17.22	17.33	17.25	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.24	17.31	17.26	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.18	17.32	17.22	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	1	17.25	17.33	17.20	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.22	17.34	17.22	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.22	17.28	17.26	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	1	17.24	17.28	17.24	18.2	0.0

n41(PC3)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.22	17.28	17.24	18.2	0.0
100	PI/2 BPSK	1	137	17.18	17.32	17.23		
100	PI/2 BPSK	1	271	17.18	17.32	17.25		
100	PI/2 BPSK	135	0	17.18	17.36	17.18	18.2	0.0
100	PI/2 BPSK	135	69	17.23	17.33	17.25	18.2	0.0
100	PI/2 BPSK	135	138	17.21	17.35	17.20	18.2	0.0
100	PI/2 BPSK	270	0	17.20	17.30	17.23		
100	QPSK	1	1	17.32	17.40	17.36	18.2	0.0
100	QPSK	1	137	17.27	17.34	17.35		
100	QPSK	1	271	17.25	17.36	17.27		
100	QPSK	135	0	17.25	17.36	17.20	18.2	0.0
100	QPSK	135	69	17.26	17.37	17.27		
100	QPSK	135	138	17.17	17.29	17.21		
100	QPSK	270	0	17.24	17.36	17.19	18.2	0.0
100	16QAM	1	1	17.24	17.28	17.21	18.2	0.0
100	64QAM	1	1	17.17	17.29	17.20	18.2	0.0
100	256QAM	1	1	17.19	17.29	17.22	18.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.20	17.31	17.18	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	1	17.22	17.33	17.25	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.24	17.31	17.26	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.18	17.32	17.22	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	1	17.25	17.33	17.20	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.22	17.34	17.22	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.22	17.28	17.26	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	1	17.24	17.28	17.24	18.2	0.0

Reduced Power for DSI10/15

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.81	15.90	15.88	17.2	0.0
20	PI/2 BPSK	1	53	15.87	15.91	15.81		
20	PI/2 BPSK	1	104	15.85	15.89	15.84		
20	PI/2 BPSK	50	0	15.81	15.92	15.87	17.2	0.0
20	PI/2 BPSK	50	28	15.88	15.88	15.83	17.2	0.0
20	PI/2 BPSK	50	56	15.81	15.87	15.86	17.2	0.0
20	PI/2 BPSK	100	0	15.80	15.91	15.87		
20	QPSK	1	1	15.95	15.97	15.91	17.2	0.0
20	QPSK	1	53	15.94	15.92	15.84		
20	QPSK	1	104	15.93	15.92	15.83		
20	QPSK	50	0	15.88	15.88	15.87	17.2	0.0
20	QPSK	50	28	15.89	15.96	15.90	17.2	0.0
20	QPSK	50	56	15.81	15.94	15.82	17.2	0.0
20	QPSK	100	0	15.83	15.90	15.89		
20	16QAM	1	1	15.82	15.90	15.85	17.2	0.0
20	64QAM	1	1	15.82	15.94	15.81	17.2	0.0
20	256QAM	1	1	15.88	15.88	15.81	17.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.88	15.92	15.87	17.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.84	15.88	15.84	17.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.87	15.94	15.87	17.2	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.44	21.49	21.32	22.7	0.0
20	PI/2 BPSK	1	53	21.40	21.51	21.33		
20	PI/2 BPSK	1	104	21.38	21.52	21.32		
20	PI/2 BPSK	50	0	21.41	21.48	21.35	22.7	0.0
20	PI/2 BPSK	50	28	21.44	21.54	21.38	22.7	0.0
20	PI/2 BPSK	50	56	21.40	21.47	21.32	22.7	0.0
20	PI/2 BPSK	100	0	21.42	21.46	21.35		
20	QPSK	1	1	21.50	21.56	21.47	22.7	0.0
20	QPSK	1	53	21.47	21.47	21.42		
20	QPSK	1	104	21.41	21.53	21.40		
20	QPSK	50	0	21.43	21.49	21.36	22.7	0.0
20	QPSK	50	28	21.45	21.55	21.39	22.7	0.0
20	QPSK	50	56	21.41	21.46	21.38	22.7	0.0
20	QPSK	100	0	21.43	21.47	21.30		
20	16QAM	1	1	21.42	21.47	21.33	22.7	0.0
20	64QAM	1	1	21.03	21.06	20.92	22.2	0.5
20	256QAM	1	1	18.94	19.13	19.05	20.2	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.43	21.49	21.37	22.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.43	21.51	21.30	22.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.38	21.47	21.33	22.7	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.78	14.80	14.74	15.7	0.0
40	PI/2 BPSK	1	108	14.73	14.80	14.75		
40	PI/2 BPSK	1	214	14.76	14.77	14.79		
40	PI/2 BPSK	108	0	14.77	14.79	14.79	15.7	0.0
40	PI/2 BPSK	108	54	14.80	14.76	14.74	15.7	0.0
40	PI/2 BPSK	108	108	14.73	14.83	14.75	15.7	0.0
40	PI/2 BPSK	216	0	14.80	14.83	14.75		
40	QPSK	1	1	14.91	14.94	14.90	15.7	0.0
40	QPSK	1	108	14.89	14.88	14.86		
40	QPSK	1	214	14.85	14.89	14.85		
40	QPSK	108	0	14.81	14.78	14.76	15.7	0.0
40	QPSK	108	54	14.82	14.85	14.82	15.7	0.0
40	QPSK	108	108	14.75	14.82	14.80	15.7	0.0
40	QPSK	216	0	14.80	14.82	14.81		
40	16QAM	1	1	14.77	14.84	14.77	15.7	0.0
40	64QAM	1	1	14.79	14.78	14.77	15.7	0.0
40	256QAM	1	1	14.76	14.84	14.81	15.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.77	14.81	14.80	15.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.69	14.70	14.78	15.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.78	14.79	14.80	15.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.75	14.81	14.80	15.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.77	14.80	14.73	15.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.81	14.83	14.78	15.7	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.92	15.94	15.97	17.2	0.0
40	PI/2 BPSK	1	108	15.94	16.01	15.90		
40	PI/2 BPSK	1	214	15.92	16.01	15.95		
40	PI/2 BPSK	108	0	15.96	15.97	15.93	17.2	0.0
40	PI/2 BPSK	108	54	15.97	16.02	15.94	17.2	0.0
40	PI/2 BPSK	108	108	15.94	15.95	15.97	17.2	0.0
40	PI/2 BPSK	216	0	15.95	16.01	15.95		
40	QPSK	1	1	16.09	16.11	16.05	17.2	0.0
40	QPSK	1	108	16.04	16.08	15.97		
40	QPSK	1	214	16.06	16.04	16.01		
40	QPSK	108	0	15.91	15.94	15.91	17.2	0.0
40	QPSK	108	54	16.00	16.03	15.99	17.2	0.0
40	QPSK	108	108	15.92	16.02	15.93	17.2	0.0
40	QPSK	216	0	15.93	15.96	15.90		
40	16QAM	1	1	15.91	15.97	15.95	17.2	0.0
40	64QAM	1	1	15.95	16.00	15.95	17.2	0.0
40	256QAM	1	1	15.94	15.98	15.96	17.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.94	15.97	15.92	17.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.94	15.97	15.91	17.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.93	15.98	15.91	17.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.93	15.96	15.92	17.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.94	16.02	15.97	17.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.93	15.99	15.92	17.2	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		16.83		17.7	0.0
10	PI/2 BPSK	1	26		16.88			
10	PI/2 BPSK	1	50		16.87			
10	PI/2 BPSK	25	0		16.83		17.7	0.0
10	PI/2 BPSK	25	14		16.85		17.7	0.0
10	PI/2 BPSK	25	27		16.89		17.7	0.0
10	PI/2 BPSK	50	0		16.83			
10	QPSK	1	1		16.97		17.7	0.0
10	QPSK	1	26		16.91			
10	QPSK	1	50		16.93			
10	QPSK	25	0		16.87		17.7	0.0
10	QPSK	25	14		16.92		17.7	0.0
10	QPSK	25	27		16.83		17.7	0.0
10	QPSK	50	0		16.90			
10	16QAM	1	1		16.87		17.7	0.0
10	64QAM	1	1		16.83		17.7	0.0
10	256QAM	1	1		16.89		17.7	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	16.85	16.84	16.86	17.7	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.25	16.36	16.27	17.2	0.0
40	PI/2 BPSK	1	108	16.27	16.35	16.33		
40	PI/2 BPSK	1	214	16.29	16.38	16.32		
40	PI/2 BPSK	108	0	16.23	16.39	16.29	17.2	0.0
40	PI/2 BPSK	108	54	16.27	16.39	16.27	17.2	0.0
40	PI/2 BPSK	108	108	16.28	16.32	16.31	17.2	0.0
40	PI/2 BPSK	216	0	16.31	16.34	16.31		
40	QPSK	1	1	16.41	16.47	16.45	17.2	0.0
40	QPSK	1	108	16.36	16.43	16.38		
40	QPSK	1	214	16.39	16.42	16.42		
40	QPSK	108	0	16.23	16.34	16.28	17.2	0.0
40	QPSK	108	54	16.32	16.40	16.36	17.2	0.0
40	QPSK	108	108	16.25	16.32	16.28	17.2	0.0
40	QPSK	216	0	16.29	16.37	16.35		
40	16QAM	1	1	16.24	16.37	16.35	17.2	0.0
40	64QAM	1	1	16.28	16.34	16.35	17.2	0.0
40	256QAM	1	1	16.30	16.35	16.35	17.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.25	16.38	16.31	17.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.29	16.33	16.31	17.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.27	16.31	16.27	17.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.29	16.39	16.35	17.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.31	16.32	16.33	17.2	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.04	21.90	23.2	0.0
40	PI/2 BPSK	1	108	22.02	21.89	21.97		
40	PI/2 BPSK	1	214	21.91	21.90	21.87		
40	PI/2 BPSK	108	0	21.57	21.39	21.36	22.7	0.5
40	PI/2 BPSK	108	54	22.07	21.91	21.98	23.2	0.0
40	PI/2 BPSK	108	108	21.46	21.49	21.45	22.7	0.5
40	PI/2 BPSK	216	0	21.52	21.39	21.46		
40	QPSK	1	1	22.17	22.22	21.92	23.2	0.0
40	QPSK	1	108	22.02	21.96	21.94		
40	QPSK	1	214	21.87	21.96	21.93		
40	QPSK	108	0	22.00	21.85	21.81	23.2	0.0
40	QPSK	108	54	22.03	22.06	21.94	23.2	0.0
40	QPSK	108	108	21.92	21.98	21.92	23.2	0.0
40	QPSK	216	0	22.03	22.04	21.93		
40	16QAM	1	1	21.88	22.03	22.08	23.2	0.0
40	64QAM	1	1	20.32	20.49	20.45	21.7	1.5
40	256QAM	1	1	18.57	18.53	18.48	19.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.05	21.95	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.03	21.90	21.93	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.01	21.97	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.03	21.83	22.05	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.09	21.83	22.14	23.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.91	21.97	21.98	23.2	0.0
20	PI/2 BPSK	1	53	21.90	22.02	21.99		
20	PI/2 BPSK	1	104	21.89	22.01	21.97		
20	PI/2 BPSK	50	0	21.93	21.99	21.96	23.2	0.0
20	PI/2 BPSK	50	28	21.92	22.01	21.95	23.2	0.0
20	PI/2 BPSK	50	56	21.92	22.00	21.95	23.2	0.0
20	PI/2 BPSK	100	0	21.88	21.98	21.98		
20	QPSK	1	1	22.01	22.07	22.06	23.2	0.0
20	QPSK	1	53	21.96	22.04	22.05		
20	QPSK	1	104	21.94	22.03	21.97		
20	QPSK	50	0	21.95	21.96	22.01	23.2	0.0
20	QPSK	50	28	21.96	22.05	22.03	23.2	0.0
20	QPSK	50	56	21.92	22.01	21.94	23.2	0.0
20	QPSK	100	0	21.95	22.04	21.98		
20	16QAM	1	1	21.94	22.01	22.02	23.2	0.0
20	64QAM	1	1	20.41	20.49	20.46	22.7	0.5
20	256QAM	1	1	18.39	18.53	18.50	20.7	2.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.92	22.03	21.98	23.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.93	22.00	22.00	23.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.95	21.97	22.00	23.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.45	13.56	13.50	14.7	0.0
40	PI/2 BPSK	1	53	13.48	13.53	13.48		
40	PI/2 BPSK	1	104	13.46	13.58	13.55		
40	PI/2 BPSK	50	0	13.47	13.61	13.48	14.7	0.0
40	PI/2 BPSK	50	28	13.45	13.56	13.55	14.7	0.0
40	PI/2 BPSK	50	56	13.46	13.58	13.48	14.7	0.0
40	PI/2 BPSK	100	0	13.44	13.58	13.54		
40	QPSK	1	1	13.56	13.63	13.62	14.7	0.0
40	QPSK	1	53	13.47	13.55	13.58		
40	QPSK	1	104	13.47	13.55	13.57		
40	QPSK	50	0	13.49	13.61	13.54	14.7	0.0
40	QPSK	50	28	13.51	13.62	13.57		
40	QPSK	50	56	13.44	13.59	13.51		
40	QPSK	100	0	13.42	13.58	13.49	14.7	0.0
40	16QAM	1	1	13.45	13.55	13.56	14.7	0.0
40	64QAM	1	1	13.50	13.59	13.48	14.7	0.0
40	256QAM	1	1	13.49	13.55	13.48	14.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.43	13.55	13.48	14.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.48	13.53	13.55	14.7	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.55	13.62	13.53	14.7	0.0
100	PI/2 BPSK	1	137	13.55	13.60	13.53		
100	PI/2 BPSK	1	271	13.52	13.61	13.57		
100	PI/2 BPSK	135	0	13.53	13.57	13.60	14.7	0.0
100	PI/2 BPSK	135	69	13.59	13.63	13.54	14.7	0.0
100	PI/2 BPSK	135	138	13.51	13.61	13.53	14.7	0.0
100	PI/2 BPSK	270	0	13.59	13.61	13.52		
100	QPSK	1	1	13.63	13.71	13.62	14.7	0.0
100	QPSK	1	137	13.55	13.65	13.53		
100	QPSK	1	271	13.57	13.70	13.53		
100	QPSK	135	0	13.59	13.56	13.55	14.7	0.0
100	QPSK	135	69	13.60	13.64	13.61		
100	QPSK	135	138	13.56	13.63	13.52		
100	QPSK	270	0	13.51	13.63	13.59	14.7	0.0
100	16QAM	1	1	13.51	13.62	13.57	14.7	0.0
100	64QAM	1	1	13.55	13.63	13.55	14.7	0.0
100	256QAM	1	1	13.52	13.55	13.56	14.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.51	13.59	13.55	14.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.51	13.57	13.54	14.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.58	13.61	13.52	14.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	13.56	13.58	13.58	14.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.53	13.57	13.59	14.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.56	13.60	13.56	14.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.51	13.61	13.54	14.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.58	13.59	13.31	14.7	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.55	13.62	13.53	14.7	0.0
100	PI/2 BPSK	1	137	13.55	13.60	13.53		
100	PI/2 BPSK	1	271	13.52	13.61	13.57		
100	PI/2 BPSK	135	0	13.53	13.57	13.60	14.7	0.0
100	PI/2 BPSK	135	69	13.59	13.63	13.54	14.7	0.0
100	PI/2 BPSK	135	138	13.51	13.61	13.53	14.7	0.0
100	PI/2 BPSK	270	0	13.59	13.61	13.52		
100	QPSK	1	1	13.63	13.71	13.62	14.7	0.0
100	QPSK	1	137	13.55	13.65	13.53		
100	QPSK	1	271	13.57	13.70	13.53		
100	QPSK	135	0	13.59	13.56	13.55	14.7	0.0
100	QPSK	135	69	13.60	13.64	13.61		
100	QPSK	135	138	13.56	13.63	13.52		
100	QPSK	270	0	13.51	13.63	13.59	14.7	0.0
100	16QAM	1	1	13.51	13.62	13.57	14.7	0.0
100	64QAM	1	1	13.55	13.63	13.55	14.7	0.0
100	256QAM	1	1	13.52	13.55	13.56	14.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.51	13.59	13.55	14.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.51	13.57	13.54	14.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.58	13.61	13.52	14.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.56	13.58	13.58	14.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.53	13.57	13.59	14.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.56	13.60	13.56	14.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.51	13.61	13.54	14.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.58	13.59	13.31	14.7	0.0

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.38	15.47	15.39	16.7	0.0
100	PI/2 BPSK	1	137	15.40	15.50	15.41		
100	PI/2 BPSK	1	271	15.37	15.49	15.37		
100	PI/2 BPSK	135	0	15.39	15.47	15.38	16.7	0.0
100	PI/2 BPSK	135	69	15.40	15.52	15.39	16.7	0.0
100	PI/2 BPSK	135	138	15.39	15.54	15.39	16.7	0.0
100	PI/2 BPSK	270	0	15.39	15.54	15.39		
100	QPSK	1	1	15.48	15.57	15.54	16.7	0.0
100	QPSK	1	137	15.43	15.50	15.52		
100	QPSK	1	271	15.41	15.56	15.49		
100	QPSK	135	0	15.36	15.48	15.38	16.7	0.0
100	QPSK	135	69	15.44	15.56	15.46		
100	QPSK	135	138	15.38	15.54	15.41		
100	QPSK	270	0	15.43	15.51	15.42	16.7	0.0
100	16QAM	1	1	15.38	15.53	15.42	16.7	0.0
100	64QAM	1	1	15.36	15.51	15.38	16.7	0.0
100	256QAM	1	1	15.40	15.53	15.44	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.39	15.49	15.39	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.40	15.49	15.42	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.42	15.55	15.40	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.39	15.53	15.37	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.36	15.54	15.45	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.39	15.48	15.45	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.36	15.50	15.37	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.42	15.54	15.45	16.7	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.38	15.47	15.39	16.7	0.0
100	PI/2 BPSK	1	137	15.40	15.50	15.41		
100	PI/2 BPSK	1	271	15.37	15.49	15.37		
100	PI/2 BPSK	135	0	15.39	15.47	15.38	16.7	0.0
100	PI/2 BPSK	135	69	15.40	15.52	15.39	16.7	0.0
100	PI/2 BPSK	135	138	15.39	15.54	15.39	16.7	0.0
100	PI/2 BPSK	270	0	15.39	15.54	15.39		
100	QPSK	1	1	15.48	15.57	15.54	16.7	0.0
100	QPSK	1	137	15.43	15.50	15.52		
100	QPSK	1	271	15.41	15.56	15.49		
100	QPSK	135	0	15.36	15.48	15.38	16.7	0.0
100	QPSK	135	69	15.44	15.56	15.46		
100	QPSK	135	138	15.38	15.54	15.41		
100	QPSK	270	0	15.43	15.51	15.42	16.7	0.0
100	16QAM	1	1	15.38	15.53	15.42	16.7	0.0
100	64QAM	1	1	15.36	15.51	15.38	16.7	0.0
100	256QAM	1	1	15.40	15.53	15.44	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.39	15.49	15.39	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.40	15.49	15.42	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.42	15.55	15.40	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.39	15.53	15.37	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.36	15.54	15.45	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.39	15.48	15.45	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.36	15.50	15.37	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.42	15.54	15.45	16.7	0.0

n41(PC3)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.31	15.39	15.32	16.2	0.0
100	PI/2 BPSK	1	137	15.35	15.33	15.28		
100	PI/2 BPSK	1	271	15.29	15.33	15.28		
100	PI/2 BPSK	135	0	15.34	15.38	15.32	16.2	0.0
100	PI/2 BPSK	135	69	15.35	15.34	15.25	16.2	0.0
100	PI/2 BPSK	135	138	15.30	15.31	15.28	16.2	0.0
100	PI/2 BPSK	270	0	15.29	15.38	15.32		
100	QPSK	1	1	15.37	15.43	15.36	16.2	0.0
100	QPSK	1	137	15.35	15.37	15.34		
100	QPSK	1	271	15.36	15.39	15.28		
100	QPSK	135	0	15.27	15.39	15.31	16.2	0.0
100	QPSK	135	69	15.36	15.40	15.33		
100	QPSK	135	138	15.30	15.35	15.29		
100	QPSK	270	0	15.28	15.32	15.25	16.2	0.0
100	16QAM	1	1	15.33	15.39	15.29	16.2	0.0
100	64QAM	1	1	15.30	15.39	15.30	16.2	0.0
100	256QAM	1	1	15.27	15.39	15.30	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.27	15.37	15.27	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.29	15.31	15.29	16.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.31	15.34	15.25	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.31	15.32	15.28	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.27	15.35	15.30	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.35	15.39	15.28	16.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.30	15.37	15.32	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.29	15.32	15.26	16.2	0.0

n41(PC2)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.31	15.39	15.32	16.2	0.0
100	PI/2 BPSK	1	137	15.35	15.33	15.28		
100	PI/2 BPSK	1	271	15.29	15.33	15.28		
100	PI/2 BPSK	135	0	15.34	15.38	15.32	16.2	0.0
100	PI/2 BPSK	135	69	15.35	15.34	15.25	16.2	0.0
100	PI/2 BPSK	135	138	15.30	15.31	15.28	16.2	0.0
100	PI/2 BPSK	270	0	15.29	15.38	15.32		
100	QPSK	1	1	15.37	15.43	15.36	16.2	0.0
100	QPSK	1	137	15.35	15.37	15.34		
100	QPSK	1	271	15.36	15.39	15.28		
100	QPSK	135	0	15.27	15.39	15.31	16.2	0.0
100	QPSK	135	69	15.36	15.40	15.33		
100	QPSK	135	138	15.30	15.35	15.29		
100	QPSK	270	0	15.28	15.32	15.25	16.2	0.0
100	16QAM	1	1	15.33	15.39	15.29	16.2	0.0
100	64QAM	1	1	15.30	15.39	15.30	16.2	0.0
100	256QAM	1	1	15.27	15.39	15.30	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.27	15.37	15.27	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.29	15.31	15.29	16.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.31	15.34	15.25	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.31	15.32	15.28	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.27	15.35	15.30	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.35	15.39	15.28	16.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.30	15.37	15.32	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.29	15.32	15.26	16.2	0.0

Reduced Power for DSI5/10/15

n2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.43	23.45	22.29	25.2	0.0
20	PI/2 BPSK	1	53	22.35	22.32	22.34		
20	PI/2 BPSK	1	104	22.33	22.23	22.28		
20	PI/2 BPSK	50	0	22.29	22.27	22.29	24.7	0.5
20	PI/2 BPSK	50	28	22.38	22.41	22.26	25.2	0.0
20	PI/2 BPSK	50	56	22.28	22.26	22.21	24.7	0.5
20	PI/2 BPSK	100	0	22.31	22.32	22.25		
20	QPSK	1	1	24.21	24.25	24.02	25.2	0.0
20	QPSK	1	53	24.00	24.11	24.02		
20	QPSK	1	104	24.06	24.05	23.99		
20	QPSK	50	0	23.01	23.02	23.01	24.2	1.0
20	QPSK	50	28	23.93	24.02	23.92	25.2	0.0
20	QPSK	50	56	23.00	23.10	22.99	24.2	1.0
20	QPSK	100	0	22.92	23.04	22.98		
20	16QAM	1	1	23.28	23.37	23.28	24.2	1.0
20	64QAM	1	1	21.64	21.76	21.66	22.7	2.5
20	256QAM	1	1	19.54	19.63	19.55	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.16	24.19	23.98	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.09	24.23	23.95	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.15	24.20	23.98	25.2	0.0

n5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.28	23.20	23.35	24.7	0.0
20	PI/2 BPSK	1	53	23.25	23.26	23.18		
20	PI/2 BPSK	1	104	23.12	23.08	23.07		
20	PI/2 BPSK	50	0	22.74	22.73	22.87	24.2	0.5
20	PI/2 BPSK	50	28	23.31	23.30	23.33	24.7	0.0
20	PI/2 BPSK	50	56	22.79	22.75	22.66	24.2	0.5
20	PI/2 BPSK	100	0	22.74	22.74	22.76		
20	QPSK	1	1	23.34	23.45	23.42	24.7	0.0
20	QPSK	1	53	23.32	23.38	23.40		
20	QPSK	1	104	23.26	23.22	23.24		
20	QPSK	50	0	22.80	22.86	22.84	23.7	1.0
20	QPSK	50	28	23.29	23.30	23.27	24.7	0.0
20	QPSK	50	56	22.79	22.76	22.77	23.7	1.0
20	QPSK	100	0	22.77	22.86	22.75		
20	16QAM	1	1	23.08	23.05	23.01	23.7	1.0
20	64QAM	1	1	21.51	21.54	21.58	22.2	2.5
20	256QAM	1	1	19.31	19.37	19.36	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.13	23.17	23.19	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	23.09	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.19	23.16	23.14	24.7	0.0

n7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.69	22.74	22.64	24.2	0.0
40	PI/2 BPSK	1	108	22.64	22.73	22.65		
40	PI/2 BPSK	1	214	22.67	22.68	22.73		
40	PI/2 BPSK	108	0	21.60	21.68	21.59	23.7	0.5
40	PI/2 BPSK	108	54	22.54	22.60	22.56	24.2	0.0
40	PI/2 BPSK	108	108	21.66	21.61	21.54	23.7	0.5
40	PI/2 BPSK	216	0	21.59	21.63	21.55		
40	QPSK	1	1	23.15	23.27	23.21	24.2	0.0
40	QPSK	1	108	23.14	23.12	23.13		
40	QPSK	1	214	23.10	23.15	23.11		
40	QPSK	108	0	22.44	22.59	22.50	23.2	1.0
40	QPSK	108	54	23.03	23.22	23.06	24.2	0.0
40	QPSK	108	108	22.54	22.61	22.49	23.2	1.0
40	QPSK	216	0	22.50	22.59	22.45		
40	16QAM	1	1	22.76	22.90	22.80	23.2	1.0
40	64QAM	1	1	21.30	21.41	21.36	21.7	2.5
40	256QAM	1	1	19.26	19.33	19.24	19.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.12	23.21	23.10	24.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.04	23.17	23.20	24.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.09	23.21	23.09	24.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.08	23.20	23.12	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.05	23.25	23.09	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.13	23.26	23.11	24.2	0.0

n25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.41	22.44	22.41	25.2	0.0
40	PI/2 BPSK	1	108	22.41	22.32	22.30		
40	PI/2 BPSK	1	214	22.35	22.36	22.40		
40	PI/2 BPSK	108	0	22.16	22.22	22.17	24.7	0.5
40	PI/2 BPSK	108	54	22.30	22.38	22.23	25.2	0.0
40	PI/2 BPSK	108	108	22.31	22.32	22.32	24.7	0.5
40	PI/2 BPSK	216	0	22.29	22.37	22.31		
40	QPSK	1	1	24.18	24.21	24.08	25.2	0.0
40	QPSK	1	108	23.92	23.88	23.88		
40	QPSK	1	214	23.85	23.82	23.77		
40	QPSK	108	0	22.83	22.81	22.80	24.2	1.0
40	QPSK	108	54	23.70	23.78	23.71	25.2	0.0
40	QPSK	108	108	22.88	22.75	22.78	24.2	1.0
40	QPSK	216	0	22.88	22.90	22.77		
40	16QAM	1	1	23.42	23.31	22.88	24.2	1.0
40	64QAM	1	1	21.88	21.77	21.73	22.7	2.5
40	256QAM	1	1	19.72	19.55	19.60	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.11	24.09	23.97	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.16	24.09	23.98	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.17	24.19	23.97	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.17	24.20	24.04	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.09	24.16	23.96	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.07	24.12	23.99	25.2	0.0

n30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.44		25.2	0.0
10	PI/2 BPSK	1	26		22.39			
10	PI/2 BPSK	1	50		22.37			
10	PI/2 BPSK	25	0		21.34		24.7	0.5
10	PI/2 BPSK	25	14		22.34		25.2	0.0
10	PI/2 BPSK	25	27		21.32		24.7	0.5
10	PI/2 BPSK	50	0		21.33			
10	QPSK	1	1		23.77		25.2	0.0
10	QPSK	1	26		23.75			
10	QPSK	1	50		23.69			
10	QPSK	25	0		20.63		24.2	1.0
10	QPSK	25	14		23.64		25.2	0.0
10	QPSK	25	27		22.63		24.2	1.0
10	QPSK	50	0		22.65			
10	16QAM	1	1		22.95		24.2	1.0
10	64QAM	1	1		21.35		22.7	2.5
10	256QAM	1	1		19.11		20.7	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.71	23.76	23.68	25.2	0.0

n66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.50	22.68	22.39	25.2	0.0
40	PI/2 BPSK	1	108	22.47	22.35	22.40		
40	PI/2 BPSK	1	214	22.32	22.32	22.37		
40	PI/2 BPSK	108	0	21.47	21.41	21.28	24.7	0.5
40	PI/2 BPSK	108	54	22.43	22.45	22.38	25.2	0.0
40	PI/2 BPSK	108	108	21.38	21.47	21.40	24.7	0.5
40	PI/2 BPSK	216	0	21.43	21.47	21.36		
40	QPSK	1	1	24.11	24.15	23.99	25.2	0.0
40	QPSK	1	108	23.71	23.94	23.74		
40	QPSK	1	214	23.66	23.99	23.72		
40	QPSK	108	0	22.77	23.02	22.61	24.2	1.0
40	QPSK	108	54	23.71	23.89	23.86	25.2	0.0
40	QPSK	108	108	22.66	22.97	22.70	24.2	1.0
40	QPSK	216	0	22.66	22.93	22.66		
40	16QAM	1	1	23.12	23.22	22.96	24.2	1.0
40	64QAM	1	1	21.47	21.79	21.32	22.7	2.5
40	256QAM	1	1	19.35	19.59	19.20	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.05	24.03	23.98	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.08	24.11	23.97	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.08	24.11	23.88	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.01	24.10	23.87	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.08	24.12	23.88	25.2	0.0

n71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.71	22.74	22.67	25.2	0.0
20	PI/2 BPSK	1	53	22.58	22.52	22.52		
20	PI/2 BPSK	1	104	22.54	22.45	22.44		
20	PI/2 BPSK	50	0	22.48	22.56	22.50	24.7	0.5
20	PI/2 BPSK	50	28	22.61	22.66	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.58	22.45	22.53	24.7	0.5
20	PI/2 BPSK	100	0	22.53	22.55	22.50		
20	QPSK	1	1	24.04	24.13	24.09	25.2	0.0
20	QPSK	1	53	24.03	24.05	23.95		
20	QPSK	1	104	23.99	23.98	23.97		
20	QPSK	50	0	22.88	23.02	22.98	24.2	1.0
20	QPSK	50	28	23.93	23.99	23.93	25.2	0.0
20	QPSK	50	56	22.93	22.88	22.86	24.2	1.0
20	QPSK	100	0	22.99	23.03	22.88		
20	16QAM	1	1	22.42	23.22	23.29	24.2	1.0
20	64QAM	1	1	20.95	21.69	21.86	22.7	2.5
20	256QAM	1	1	18.81	19.55	19.60	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.01	24.04	24.03	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.92	24.03	24.08	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.01	24.06	24.07	25.2	0.0

n38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.91	22.97	22.77	24.7	0.0
40	PI/2 BPSK	1	53	22.78	22.86	22.88		
40	PI/2 BPSK	1	104	22.83	22.83	22.91		
40	PI/2 BPSK	50	0	21.73	21.80	21.76	24.2	0.5
40	PI/2 BPSK	50	28	22.78	22.79	22.76	24.7	0.0
40	PI/2 BPSK	50	56	21.82	21.78	21.77	24.2	0.5
40	PI/2 BPSK	100	0	21.69	21.87	21.86		
40	QPSK	1	1	22.98	23.15	22.96	24.7	0.0
40	QPSK	1	53	22.81	22.91	22.82		
40	QPSK	1	104	22.99	23.00	22.97		
40	QPSK	50	0	22.38	22.49	22.44	24.7	0.0
40	QPSK	50	28	22.79	22.92	22.80		
40	QPSK	50	56	22.39	22.49	22.35		
40	QPSK	100	0	22.69	22.78	22.69	23.7	1.0
40	16QAM	1	1	22.52	22.68	22.60	23.7	1.0
40	64QAM	1	1	21.12	21.24	21.09	22.2	2.5
40	256QAM	1	1	18.78	18.93	18.86	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.88	22.93	22.84	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.90	22.75	22.90	24.7	0.0

n41(PC3)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.04	23.17	23.11	24.2	0.0
100	PI/2 BPSK	1	137	23.11	23.13	23.04		
100	PI/2 BPSK	1	271	23.15	23.07	23.01		
100	PI/2 BPSK	135	0	21.64	22.45	22.38	23.7	0.5
100	PI/2 BPSK	135	69	22.97	22.89	22.99	24.2	0.0
100	PI/2 BPSK	135	138	22.55	22.45	22.32	23.7	0.5
100	PI/2 BPSK	270	0	22.36	22.42	22.48		
100	QPSK	1	1	22.97	23.18	23.14	24.2	0.0
100	QPSK	1	137	22.94	23.11	23.01		
100	QPSK	1	271	22.86	23.12	22.96		
100	QPSK	135	0	21.89	22.07	22.01	24.2	0.0
100	QPSK	135	69	22.79	23.03	22.90		
100	QPSK	135	138	21.79	22.04	21.91		
100	QPSK	270	0	21.81	21.90	21.76	23.2	1.0
100	16QAM	1	1	22.16	21.80	21.72	23.2	1.0
100	64QAM	1	1	20.57	20.69	20.56	21.7	2.5
100	256QAM	1	1	18.38	18.52	18.39	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.92	22.96	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.96	22.95	22.94	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.93	23.05	22.92	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.03	23.10	22.99	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.01	23.13	22.93	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.94	23.27	22.98	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.01	23.18	23.03	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.98	23.17	22.96	24.2	0.0

n41(PC2)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.43	25.67	25.61	27.2	0.0
100	PI/2 BPSK	1	137	25.37	25.19	25.54		
100	PI/2 BPSK	1	271	25.40	25.15	23.95		
100	PI/2 BPSK	135	0	22.36	23.27	23.21	26.7	0.5
100	PI/2 BPSK	135	69	25.23	25.21	25.26	27.2	0.0
100	PI/2 BPSK	135	138	23.20	23.27	23.00	26.7	0.5
100	PI/2 BPSK	270	0	23.10	23.21	23.19		
100	QPSK	1	1	25.78	25.95	25.92	27.2	0.0
100	QPSK	1	137	25.76	25.87	25.89		
100	QPSK	1	271	25.75	25.91	25.83		
100	QPSK	135	0	23.65	23.76	23.67	27.2	0.0
100	QPSK	135	69	25.54	25.61	25.58		
100	QPSK	135	138	23.65	23.70	23.62		
100	QPSK	270	0	23.61	23.75	23.68	25.2	2.0
100	16QAM	1	1	24.89	24.94	24.96	26.2	1.0
100	64QAM	1	1	23.37	23.55	23.42	24.7	2.5
100	256QAM	1	1	21.26	21.32	21.24	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.73	25.85	25.81	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.66	25.91	25.88	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.73	25.86	25.83	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.77	25.91	25.89	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.69	25.88	25.87	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.70	25.92	25.91	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.67	25.92	25.82	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.76	25.86	25.84	27.2	0.0

Reduced Power for DSI17

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.10	20.19	20.12	21.7	0.0
20	PI/2 BPSK	1	53	20.09	20.18	20.12		
20	PI/2 BPSK	1	104	20.14	20.13	20.16		
20	PI/2 BPSK	50	0	20.14	20.11	20.09	21.7	0.0
20	PI/2 BPSK	50	28	20.08	20.18	20.15	21.7	0.0
20	PI/2 BPSK	50	56	20.06	20.17	20.08	21.7	0.0
20	PI/2 BPSK	100	0	20.06	20.19	20.14		
20	QPSK	1	1	20.17	20.23	20.20	21.7	0.0
20	QPSK	1	53	20.14	20.21	20.19		
20	QPSK	1	104	20.12	20.19	20.13		
20	QPSK	50	0	20.08	20.13	20.09	21.7	0.0
20	QPSK	50	28	20.15	20.20	20.17	21.7	0.0
20	QPSK	50	56	20.07	20.14	20.08	21.7	0.0
20	QPSK	100	0	20.14	20.16	20.16		
20	16QAM	1	1	20.06	20.16	20.16	21.7	0.0
20	64QAM	1	1	20.07	20.16	20.14	21.7	0.0
20	256QAM	1	1	19.11	19.15	19.09	20.7	1.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.06	20.12	20.10	21.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.09	20.15	20.08	21.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.12	20.13	20.15	21.7	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.85	21.91	21.81	23.2	0.0
20	PI/2 BPSK	1	53	21.91	21.85	21.80		
20	PI/2 BPSK	1	104	21.89	21.91	21.83		
20	PI/2 BPSK	50	0	21.86	21.86	21.87	23.2	0.0
20	PI/2 BPSK	50	28	21.92	21.89	21.80	23.2	0.0
20	PI/2 BPSK	50	56	21.84	21.86	21.88	23.2	0.0
20	PI/2 BPSK	100	0	21.85	21.87	21.83		
20	QPSK	1	1	21.97	22.02	21.95	23.2	0.0
20	QPSK	1	53	21.91	21.93	21.93		
20	QPSK	1	104	21.90	21.94	21.87		
20	QPSK	50	0	21.84	21.84	21.83	23.2	0.0
20	QPSK	50	28	21.92	21.93	21.89	23.2	0.0
20	QPSK	50	56	21.85	21.92	21.80	23.2	0.0
20	QPSK	100	0	21.86	21.87	21.83		
20	16QAM	1	1	21.84	21.92	21.88	23.2	0.0
20	64QAM	1	1	20.88	20.88	20.88	22.2	1.0
20	256QAM	1	1	18.85	18.89	18.87	20.2	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.76	21.87	21.74	23.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.79	21.84	21.75	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	21.83	21.82	21.72	23.2	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.36	18.35	18.35	19.2	0.0
40	PI/2 BPSK	1	108	18.21	18.27	18.13		
40	PI/2 BPSK	1	214	18.16	18.28	18.20		
40	PI/2 BPSK	108	0	18.23	18.32	18.18	19.2	0.0
40	PI/2 BPSK	108	54	18.18	18.27	18.14	19.2	0.0
40	PI/2 BPSK	108	108	18.17	18.26	18.20	19.2	0.0
40	PI/2 BPSK	216	0	18.20	18.28	18.15		
40	QPSK	1	1	18.32	18.39	18.31	19.2	0.0
40	QPSK	1	108	18.31	18.30	18.25		
40	QPSK	1	214	18.24	18.35	18.26		
40	QPSK	108	0	18.24	18.28	18.13	19.2	0.0
40	QPSK	108	54	18.25	18.34	18.22	19.2	0.0
40	QPSK	108	108	18.18	18.30	18.14	19.2	0.0
40	QPSK	216	0	18.20	18.29	18.14		
40	16QAM	1	1	18.20	18.33	18.21	19.2	0.0
40	64QAM	1	1	18.23	18.27	18.20	19.2	0.0
40	256QAM	1	1	18.23	18.33	18.19	19.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.20	18.31	18.19	19.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.18	18.21	18.16	19.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.11	18.17	18.07	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.22	18.25	18.19	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.19	18.30	18.20	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.19	18.28	18.21	19.2	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.21	20.25	20.23	21.7	0.0
40	PI/2 BPSK	1	108	20.20	20.24	20.28		
40	PI/2 BPSK	1	214	20.16	20.22	20.25		
40	PI/2 BPSK	108	0	20.18	20.22	20.22	21.7	0.0
40	PI/2 BPSK	108	54	20.22	20.23	20.22	21.7	0.0
40	PI/2 BPSK	108	108	20.22	20.25	20.24	21.7	0.0
40	PI/2 BPSK	216	0	20.18	20.24	20.27		
40	QPSK	1	1	20.29	20.37	20.34	21.7	0.0
40	QPSK	1	108	20.23	20.34	20.26		
40	QPSK	1	214	20.26	20.32	20.32		
40	QPSK	108	0	20.15	20.28	20.30	21.7	0.0
40	QPSK	108	54	20.23	20.34	20.31	21.7	0.0
40	QPSK	108	108	20.14	20.27	20.22	21.7	0.0
40	QPSK	216	0	20.21	20.29	20.24		
40	16QAM	1	1	20.21	20.24	20.30	21.7	0.0
40	64QAM	1	1	20.14	20.23	20.29	21.7	0.0
40	256QAM	1	1	19.92	19.99	19.94	20.7	1.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.19	20.20	20.16	21.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.18	20.23	20.16	21.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.17	20.20	20.16	21.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.19	20.16	20.17	21.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.13	20.17	20.17	21.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.19	20.20	20.19	21.7	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		20.33		21.2	0.0
10	PI/2 BPSK	1	26		20.27			
10	PI/2 BPSK	1	50		20.30			
10	PI/2 BPSK	25	0		20.29		21.2	0.0
10	PI/2 BPSK	25	14		20.32		21.2	0.0
10	PI/2 BPSK	25	27		20.32		21.2	0.0
10	PI/2 BPSK	50	0		20.26			
10	QPSK	1	1		20.35		21.2	0.0
10	QPSK	1	26		20.29			
10	QPSK	1	50		20.31			
10	QPSK	25	0		20.26		21.2	0.0
10	QPSK	25	14		20.31		21.2	0.0
10	QPSK	25	27		20.22		21.2	0.0
10	QPSK	50	0		20.11			
10	16QAM	1	1		20.03		21.2	0.0
10	64QAM	1	1		20.38		21.2	0.0
10	256QAM	1	1		19.65		20.7	0.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	20.31	20.32	20.34	21.2	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.65	20.67	20.63	21.7	0.0
40	PI/2 BPSK	1	108	20.65	20.66	20.59		
40	PI/2 BPSK	1	214	20.57	20.65	20.56		
40	PI/2 BPSK	108	0	20.63	20.66	20.57	21.7	0.0
40	PI/2 BPSK	108	54	20.55	20.58	20.50	21.7	0.0
40	PI/2 BPSK	108	108	20.74	20.75	20.74	21.7	0.0
40	PI/2 BPSK	216	0	20.63	20.66	20.60		
40	QPSK	1	1	20.70	20.73	20.71	21.7	0.0
40	QPSK	1	108	20.59	20.66	20.63		
40	QPSK	1	214	20.63	20.65	20.63		
40	QPSK	108	0	20.52	20.61	20.54	21.7	0.0
40	QPSK	108	54	20.67	20.70	20.69	21.7	0.0
40	QPSK	108	108	20.58	20.65	20.62	21.7	0.0
40	QPSK	216	0	20.59	20.61	20.54		
40	16QAM	1	1	20.91	20.94	20.85	21.7	0.0
40	64QAM	1	1	20.78	20.88	20.78	21.7	0.0
40	256QAM	1	1	19.64	19.71	19.65	20.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.69	20.72	20.67	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.67	20.66	20.67	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.69	20.66	20.68	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.72	20.66	20.70	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.66	20.66	20.65	21.7	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n66_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.11	22.04	21.90	23.2	0.0
40	PI/2 BPSK	1	108	22.02	21.89	21.97		
40	PI/2 BPSK	1	214	21.91	21.90	21.87		
40	PI/2 BPSK	108	0	21.57	21.39	21.36	22.7	0.5
40	PI/2 BPSK	108	54	22.07	21.91	21.98	23.2	0.0
40	PI/2 BPSK	108	108	21.46	21.49	21.45	22.7	0.5
40	PI/2 BPSK	216	0	21.52	21.39	21.46		
40	QPSK	1	1	22.17	22.22	21.92	23.2	0.0
40	QPSK	1	108	22.02	21.96	21.94		
40	QPSK	1	214	21.87	21.96	21.93		
40	QPSK	108	0	22.00	21.85	21.81	23.2	0.0
40	QPSK	108	54	22.03	22.06	21.94	23.2	0.0
40	QPSK	108	108	21.92	21.98	21.92	23.2	0.0
40	QPSK	216	0	22.03	22.04	21.93		
40	16QAM	1	1	21.88	22.03	22.08	23.2	0.0
40	64QAM	1	1	20.32	20.49	20.45	21.7	1.5
40	256QAM	1	1	18.57	18.53	18.48	19.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.95	22.05	21.95	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.03	21.90	21.93	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.01	21.97	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.03	21.83	22.05	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.09	21.83	22.14	23.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.81	21.87	21.88	23.2	0.0
20	PI/2 BPSK	1	53	21.80	21.92	21.89		
20	PI/2 BPSK	1	104	21.79	21.91	21.87		
20	PI/2 BPSK	50	0	21.83	21.89	21.86	23.2	0.0
20	PI/2 BPSK	50	28	21.82	21.91	21.85	23.2	0.0
20	PI/2 BPSK	50	56	21.82	21.90	21.85	23.2	0.0
20	PI/2 BPSK	100	0	21.78	21.88	21.88		
20	QPSK	1	1	21.91	21.97	21.96	23.2	0.0
20	QPSK	1	53	21.86	21.94	21.95		
20	QPSK	1	104	21.84	21.93	21.87		
20	QPSK	50	0	21.85	21.86	21.91	23.2	0.0
20	QPSK	50	28	21.86	21.93	21.93	23.2	0.0
20	QPSK	50	56	21.82	21.91	21.84	23.2	0.0
20	QPSK	100	0	21.85	21.93	21.88		
20	16QAM	1	1	21.84	21.91	21.92	23.2	0.0
20	64QAM	1	1	20.31	20.39	20.36	22.7	0.5
20	256QAM	1	1	18.39	18.53	18.50	20.7	2.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	21.82	21.93	21.88	23.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	21.83	21.90	21.90	23.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	21.85	21.87	21.90	23.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.24	17.24	17.20	18.7	0.0
40	PI/2 BPSK	1	53	17.18	17.22	17.20		
40	PI/2 BPSK	1	104	17.18	17.27	17.25		
40	PI/2 BPSK	50	0	17.20	17.23	17.23	18.7	0.0
40	PI/2 BPSK	50	28	17.21	17.25	17.23	18.7	0.0
40	PI/2 BPSK	50	56	17.21	17.25	17.25	18.7	0.0
40	PI/2 BPSK	100	0	17.24	17.27	17.26		
40	QPSK	1	1	17.31	17.35	17.33	18.7	0.0
40	QPSK	1	53	17.22	17.34	17.28		
40	QPSK	1	104	17.30	17.30	17.25		
40	QPSK	50	0	17.26	17.20	17.19	18.7	0.0
40	QPSK	50	28	17.27	17.29	17.28		
40	QPSK	50	56	17.26	17.20	17.21		
40	QPSK	100	0	17.22	17.23	17.19	18.7	0.0
40	16QAM	1	1	17.19	17.27	17.27	18.7	0.0
40	64QAM	1	1	17.25	17.28	17.20	18.7	0.0
40	256QAM	1	1	17.20	17.21	17.23	18.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.24	17.22	17.22	18.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.22	17.28	17.23	18.7	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.20	17.33	17.18	18.7	0.0
100	PI/2 BPSK	1	137	17.19	17.31	17.19		
100	PI/2 BPSK	1	271	17.20	17.27	17.19		
100	PI/2 BPSK	135	0	17.16	17.25	17.19	18.7	0.0
100	PI/2 BPSK	135	69	17.23	17.32	17.22	18.7	0.0
100	PI/2 BPSK	135	138	17.22	17.32	17.22	18.7	0.0
100	PI/2 BPSK	270	0	17.16	17.30	17.17		
100	QPSK	1	1	17.33	17.36	17.33	18.7	0.0
100	QPSK	1	137	17.25	17.33	17.29		
100	QPSK	1	271	17.27	17.34	17.29		
100	QPSK	135	0	17.17	17.25	17.17	18.7	0.0
100	QPSK	135	69	17.25	17.34	17.24		
100	QPSK	135	138	17.22	17.28	17.15		
100	QPSK	270	0	17.19	17.33	17.19	18.7	0.0
100	16QAM	1	1	17.16	17.27	17.15	18.7	0.0
100	64QAM	1	1	17.24	17.28	17.22	18.7	0.0
100	256QAM	1	1	17.16	17.33	17.18	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.18	17.25	17.20	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	1	17.22	17.33	17.17	18.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.17	17.32	17.20	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	17.21	17.25	17.22	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	1	17.24	17.32	17.20	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.16	17.32	17.20	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.23	17.26	17.16	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	1	17.18	17.28	17.21	18.7	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.20	17.33	17.18	18.7	0.0
100	PI/2 BPSK	1	137	17.19	17.31	17.19		
100	PI/2 BPSK	1	271	17.20	17.27	17.19		
100	PI/2 BPSK	135	0	17.16	17.25	17.19	18.7	0.0
100	PI/2 BPSK	135	69	17.23	17.32	17.22	18.7	0.0
100	PI/2 BPSK	135	138	17.22	17.32	17.22	18.7	0.0
100	PI/2 BPSK	270	0	17.16	17.30	17.17		
100	QPSK	1	1	17.33	17.36	17.33	18.7	0.0
100	QPSK	1	137	17.25	17.33	17.29		
100	QPSK	1	271	17.27	17.34	17.29		
100	QPSK	135	0	17.17	17.25	17.17	18.7	0.0
100	QPSK	135	69	17.25	17.34	17.24		
100	QPSK	135	138	17.22	17.28	17.15		
100	QPSK	270	0	17.19	17.33	17.19	18.7	0.0
100	16QAM	1	1	17.16	17.27	17.15	18.7	0.0
100	64QAM	1	1	17.24	17.28	17.22	18.7	0.0
100	256QAM	1	1	17.16	17.33	17.18	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.18	17.25	17.20	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	1	17.22	17.33	17.17	18.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.17	17.32	17.20	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.21	17.25	17.22	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	1	17.24	17.32	17.20	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.16	17.32	17.20	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.23	17.26	17.16	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	1	17.18	17.28	17.21	18.7	0.0

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.77	18.86	18.69	20.2	0.0
100	PI/2 BPSK	1	137	18.81	18.82	18.69		
100	PI/2 BPSK	1	271	18.81	18.89	18.70		
100	PI/2 BPSK	135	0	18.77	18.89	18.77	20.2	0.0
100	PI/2 BPSK	135	69	18.80	18.86	18.73	20.2	0.0
100	PI/2 BPSK	135	138	18.81	18.83	18.73	20.2	0.0
100	PI/2 BPSK	270	0	18.85	18.87	18.70		
100	QPSK	1	1	18.90	18.95	18.84	20.2	0.0
100	QPSK	1	137	18.85	18.92	18.77		
100	QPSK	1	271	18.81	18.93	18.81		
100	QPSK	135	0	18.81	18.82	18.74	20.2	0.0
100	QPSK	135	69	18.86	18.91	18.78		
100	QPSK	135	138	18.78	18.89	18.71		
100	QPSK	270	0	18.78	18.85	18.69	20.2	0.0
100	16QAM	1	1	18.84	18.90	18.77	20.2	0.0
100	64QAM	1	1	18.81	18.87	18.71	20.2	0.0
100	256QAM	1	1	18.84	18.84	18.70	19.7	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.83	18.85	18.75	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.83	18.84	18.72	20.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.83	18.88	18.72	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.79	18.88	18.73	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.79	18.90	18.69	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.77	18.89	18.69	20.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.81	18.90	18.69	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.78	18.90	18.70	20.2	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.77	18.86	18.69	20.2	0.0
100	PI/2 BPSK	1	137	18.81	18.82	18.69		
100	PI/2 BPSK	1	271	18.81	18.89	18.70		
100	PI/2 BPSK	135	0	18.77	18.89	18.77	20.2	0.0
100	PI/2 BPSK	135	69	18.80	18.86	18.73	20.2	0.0
100	PI/2 BPSK	135	138	18.81	18.83	18.73	20.2	0.0
100	PI/2 BPSK	270	0	18.85	18.87	18.70		
100	QPSK	1	1	18.90	18.95	18.84	20.2	0.0
100	QPSK	1	137	18.85	18.92	18.77		
100	QPSK	1	271	18.81	18.93	18.81		
100	QPSK	135	0	18.81	18.82	18.74	20.2	0.0
100	QPSK	135	69	18.86	18.91	18.78		
100	QPSK	135	138	18.78	18.89	18.71		
100	QPSK	270	0	18.78	18.85	18.69	20.2	0.0
100	16QAM	1	1	18.84	18.90	18.77	20.2	0.0
100	64QAM	1	1	18.81	18.87	18.71	20.2	0.0
100	256QAM	1	1	18.84	18.84	18.70	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.83	18.85	18.75	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.83	18.84	18.72	20.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.83	18.88	18.72	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.79	18.88	18.73	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.79	18.90	18.69	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.77	18.89	18.69	20.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.81	18.90	18.69	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.78	18.90	18.70	20.2	0.0

n41(PC3)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.60	18.70	18.59	19.7	0.0
100	PI/2 BPSK	1	137	18.65	18.67	18.61		
100	PI/2 BPSK	1	271	18.65	18.72	18.58		
100	PI/2 BPSK	135	0	18.59	18.68	18.64	19.7	0.0
100	PI/2 BPSK	135	69	18.66	18.65	18.63	19.7	0.0
100	PI/2 BPSK	135	138	18.65	18.68	18.63	19.7	0.0
100	PI/2 BPSK	270	0	18.61	18.66	18.57		
100	QPSK	1	1	18.70	18.77	18.71	19.7	0.0
100	QPSK	1	137	18.67	18.72	18.62		
100	QPSK	1	271	18.67	18.70	18.69		
100	QPSK	135	0	18.59	18.67	18.60	19.7	0.0
100	QPSK	135	69	18.68	18.74	18.65		
100	QPSK	135	138	18.65	18.72	18.56		
100	QPSK	270	0	18.67	18.69	18.61	19.7	0.0
100	16QAM	1	1	18.60	18.69	18.64	19.7	0.0
100	64QAM	1	1	18.64	18.73	18.64	19.7	0.0
100	256QAM	1	1	18.09	18.23	18.11	18.7	1.0
Channel				508200	518598	528995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.67	18.67	18.64	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.64	18.73	18.59	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.65	18.67	18.64	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.65	18.67	18.61	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.66	18.66	18.61	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.66	18.66	18.56	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.67	18.73	18.64	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.67	18.71	18.63	19.7	0.0

n41(PC2)_FCC_ANT 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.60	18.70	18.59	19.7	0.0
100	PI/2 BPSK	1	137	18.65	18.67	18.61		
100	PI/2 BPSK	1	271	18.65	18.72	18.58		
100	PI/2 BPSK	135	0	18.59	18.68	18.64	19.7	0.0
100	PI/2 BPSK	135	69	18.66	18.65	18.63	19.7	0.0
100	PI/2 BPSK	135	138	18.65	18.68	18.63	19.7	0.0
100	PI/2 BPSK	270	0	18.61	18.66	18.57		
100	QPSK	1	1	18.70	18.77	18.71	19.7	0.0
100	QPSK	1	137	18.67	18.72	18.62		
100	QPSK	1	271	18.67	18.70	18.69		
100	QPSK	135	0	18.59	18.67	18.60	19.7	0.0
100	QPSK	135	69	18.68	18.74	18.65		
100	QPSK	135	138	18.65	18.72	18.56		
100	QPSK	270	0	18.67	18.69	18.61	19.7	0.0
100	16QAM	1	1	18.60	18.69	18.64	19.7	0.0
100	64QAM	1	1	18.64	18.73	18.64	19.7	0.0
100	256QAM	1	1	18.59	18.73	18.61	18.7	1.0
Channel				508200	518598	528995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.67	18.67	18.64	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.64	18.73	18.59	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.65	18.67	18.64	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.65	18.67	18.61	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.66	18.66	18.61	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.66	18.66	18.56	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.67	18.73	18.64	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.67	18.71	18.63	19.7	0.0

n2_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.48	19.54	19.49	20.7	0.0
20	PI/2 BPSK	1	53	19.52	19.55	19.47		
20	PI/2 BPSK	1	104	19.47	19.55	19.48		
20	PI/2 BPSK	50	0	19.49	19.58	19.49	20.7	0.0
20	PI/2 BPSK	50	28	19.54	19.53	19.48	20.7	0.0
20	PI/2 BPSK	50	56	19.52	19.61	19.50	20.7	0.0
20	PI/2 BPSK	100	0	19.49	19.55	19.49		
20	QPSK	1	1	19.64	19.68	19.60	20.7	0.0
20	QPSK	1	53	19.61	19.66	19.52		
20	QPSK	1	104	19.55	19.65	19.59		
20	QPSK	50	0	19.53	19.55	19.48	20.7	0.0
20	QPSK	50	28	19.56	19.62	19.51	20.7	0.0
20	QPSK	50	56	19.51	19.57	19.47	20.7	0.0
20	QPSK	100	0	19.55	19.61	19.50		
20	16QAM	1	1	19.50	19.61	19.50	20.7	0.0
20	64QAM	1	1	19.50	19.54	19.48	20.7	0.0
20	256QAM	1	1	19.51	19.53	19.47	20.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.51	19.53	19.45	20.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.48	19.56	19.47	20.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.50	19.55	19.50	20.7	0.0

n5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.28	23.20	23.35	24.7	0.0
20	PI/2 BPSK	1	53	23.25	23.26	23.18		
20	PI/2 BPSK	1	104	23.12	23.08	23.07		
20	PI/2 BPSK	50	0	22.74	22.73	22.87	24.2	0.5
20	PI/2 BPSK	50	28	23.31	23.30	23.33	24.7	0.0
20	PI/2 BPSK	50	56	22.79	22.75	22.66	24.2	0.5
20	PI/2 BPSK	100	0	22.74	22.74	22.76		
20	QPSK	1	1	23.34	23.45	23.42	24.7	0.0
20	QPSK	1	53	23.32	23.38	23.40		
20	QPSK	1	104	23.26	23.22	23.24		
20	QPSK	50	0	22.80	22.86	22.84	24.7	0.0
20	QPSK	50	28	23.29	23.30	23.27	24.7	0.0
20	QPSK	50	56	22.79	22.76	22.77	24.7	0.0
20	QPSK	100	0	22.77	22.86	22.75		
20	16QAM	1	1	23.08	23.05	23.01	23.7	1.0
20	64QAM	1	1	21.51	21.54	21.58	22.2	2.5
20	256QAM	1	1	19.31	19.37	19.36	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.13	23.17	23.19	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	23.09	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.19	23.16	23.14	24.7	0.0

n7_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.03	20.21	20.16	21.2	0.0
40	PI/2 BPSK	1	108	20.04	20.23	20.15		
40	PI/2 BPSK	1	284	20.04	20.19	20.19		
40	PI/2 BPSK	108	0	20.04	20.16	20.11	21.2	0.0
40	PI/2 BPSK	108	54	20.09	20.21	20.13	21.2	0.0
40	PI/2 BPSK	108	108	20.05	20.16	20.13	21.2	0.0
40	PI/2 BPSK	286	0	20.05	20.21	20.16		
40	QPSK	1	1	20.17	20.25	20.24	21.2	0.0
40	QPSK	1	108	20.13	20.24	20.16		
40	QPSK	1	284	20.14	20.20	20.17		
40	QPSK	108	0	20.08	20.18	20.12	21.2	0.0
40	QPSK	108	54	20.10	20.24	20.20	21.2	0.0
40	QPSK	108	108	20.06	20.21	20.16	21.2	0.0
40	QPSK	286	0	20.05	20.15	20.11		
40	16QAM	1	1	20.03	20.18	20.19	21.2	0.0
40	64QAM	1	1	20.02	20.15	20.12	21.2	0.0
40	256QAM	1	1	18.55	18.73	18.68	19.7	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.08	20.22	20.16	0.0	4.5
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.93	20.09	20.12	0.0	4.5
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.03	20.21	20.15	0.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.02	20.17	20.18	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.02	20.22	20.15	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.06	20.17	20.13	21.2	0.0

n25_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.62	19.73	19.64	20.7	0.0
40	PI/2 BPSK	1	108	19.54	19.68	19.62		
40	PI/2 BPSK	1	284	19.61	19.73	19.68		
40	PI/2 BPSK	108	0	19.55	19.72	19.69	20.7	0.0
40	PI/2 BPSK	108	54	19.61	19.69	19.69	20.7	0.0
40	PI/2 BPSK	108	108	19.56	19.73	19.70	20.7	0.0
40	PI/2 BPSK	286	0	19.58	19.69	19.62		
40	QPSK	1	1	19.71	19.78	19.76	20.7	0.0
40	QPSK	1	108	19.64	19.69	19.72		
40	QPSK	1	284	19.64	19.75	19.72		
40	QPSK	108	0	19.56	19.74	19.68	20.7	0.0
40	QPSK	108	54	19.63	19.77	19.71	20.7	0.0
40	QPSK	108	108	19.54	19.73	19.64	20.7	0.0
40	QPSK	286	0	19.59	19.73	19.65		
40	16QAM	1	1	19.54	19.76	19.66	20.7	0.0
40	64QAM	1	1	19.61	19.76	19.65	20.7	0.0
40	256QAM	1	1	19.58	19.68	19.63	20.7	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.61	19.68	19.64	20.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.67	19.71	19.65	20.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.56	19.74	19.68	20.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.55	19.72	19.66	20.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.56	19.70	19.65	20.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.60	19.69	19.63	20.7	0.0

n30_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		19.86		21.2	0.0
10	PI/2 BPSK	1	26		19.75			
10	PI/2 BPSK	1	50		18.85			
10	PI/2 BPSK	25	0		19.79		21.2	0.0
10	PI/2 BPSK	25	14		19.74		21.2	0.0
10	PI/2 BPSK	25	27		19.74		21.2	0.0
10	PI/2 BPSK	50	0		19.81			
10	QPSK	1	1		19.89		21.2	0.0
10	QPSK	1	26		19.85			
10	QPSK	1	50		19.88			
10	QPSK	25	0		19.74		21.2	0.0
10	QPSK	25	14		19.78		21.2	0.0
10	QPSK	25	27		19.73		21.2	0.0
10	QPSK	50	0		19.73			
10	16QAM	1	1		19.71		21.2	0.0
10	64QAM	1	1		19.80		21.2	0.0
10	256QAM	1	1		19.33		20.7	0.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	19.81	19.79	19.81	21.2	0.0

n66_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.79	19.86	19.81	21.2	0.0
40	PI/2 BPSK	1	108	19.76	19.79	19.73		
40	PI/2 BPSK	1	284	19.83	19.84	19.72		
40	PI/2 BPSK	108	0	19.72	19.85	19.80	21.2	0.0
40	PI/2 BPSK	108	54	19.71	19.75	19.69	21.2	0.0
40	PI/2 BPSK	108	108	19.76	19.88	19.82	21.2	0.0
40	PI/2 BPSK	286	0	19.73	19.80	19.71		
40	QPSK	1	1	19.94	19.96	19.92	21.2	0.0
40	QPSK	1	108	19.86	19.92	19.88		
40	QPSK	1	284	19.90	19.88	19.85		
40	QPSK	108	0	19.79	19.82	19.76	21.2	0.0
40	QPSK	108	54	19.81	19.88	19.85	21.2	0.0
40	QPSK	108	108	19.72	19.81	19.76	21.2	0.0
40	QPSK	286	0	19.73	19.81	19.78		
40	16QAM	1	1	19.76	19.87	19.84	21.2	0.0
40	64QAM	1	1	19.76	19.85	19.76	21.2	0.0
40	256QAM	1	1	19.22	19.31	19.27	21.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.90	19.92	19.83	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.91	19.87	19.84	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.93	19.93	19.86	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.86	19.90	19.84	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.86	19.92	19.87	21.2	0.0

n71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.71	22.74	22.67	25.2	0.0
20	PI/2 BPSK	1	53	22.58	22.52	22.52		
20	PI/2 BPSK	1	104	22.54	22.45	22.44		
20	PI/2 BPSK	50	0	22.48	22.56	22.50	24.7	0.5
20	PI/2 BPSK	50	28	22.61	22.66	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.58	22.45	22.53	24.7	0.5
20	PI/2 BPSK	100	0	22.53	22.55	22.50		
20	QPSK	1	1	24.04	24.13	24.09	25.2	0.0
20	QPSK	1	53	24.03	24.05	23.95		
20	QPSK	1	104	23.99	23.98	23.97		
20	QPSK	50	0	22.88	23.02	22.98	24.2	1.0
20	QPSK	50	28	23.93	23.99	23.93	25.2	0.0
20	QPSK	50	56	22.93	22.88	22.86	24.2	1.0
20	QPSK	100	0	22.99	23.03	22.88		
20	16QAM	1	1	22.42	23.22	23.29	24.2	1.0
20	64QAM	1	1	20.95	21.69	21.86	22.7	2.5
20	256QAM	1	1	18.81	19.55	19.60	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.46	22.62	22.51	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.41	22.50	22.41	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.48	22.40	22.50	25.2	0.0

n38_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.28	21.35	21.21	22.7	0.0
40	PI/2 BPSK	1	53	21.29	21.29	21.16		
40	PI/2 BPSK	1	104	21.27	21.31	21.18		
40	PI/2 BPSK	50	0	21.32	21.33	21.20	22.7	0.0
40	PI/2 BPSK	50	28	21.28	21.35	21.20	22.7	0.0
40	PI/2 BPSK	50	56	21.27	21.30	21.23	22.7	0.0
40	PI/2 BPSK	100	0	21.32	21.36	21.18		
40	QPSK	1	1	21.38	21.40	21.31	22.7	0.0
40	QPSK	1	53	21.29	21.34	21.22		
40	QPSK	1	104	21.33	21.39	21.22		
40	QPSK	50	0	21.29	21.31	21.23	22.7	0.0
40	QPSK	50	28	21.34	21.37	21.25		
40	QPSK	50	56	21.33	21.36	21.22		
40	QPSK	100	0	21.30	21.33	21.20	22.7	0.0
40	16QAM	1	1	21.26	21.33	21.20	22.7	0.0
40	64QAM	1	1	21.33	21.28	21.24	22.7	0.0
40	256QAM	1	1	19.76	19.78	19.69	21.2	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.30	21.28	21.24	22.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.27	21.33	21.24	22.7	0.0

n41(PC3)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.37	21.33	21.35	22.7	0.0
100	PI/2 BPSK	1	137	21.38	21.34	21.27		
100	PI/2 BPSK	1	271	21.35	21.36	21.31		
100	PI/2 BPSK	135	0	21.37	21.31	21.31	22.7	0.0
100	PI/2 BPSK	135	69	21.31	21.35	21.31	22.7	0.0
100	PI/2 BPSK	135	138	21.35	21.31	21.32	22.7	0.0
100	PI/2 BPSK	270	0	21.36	21.33	21.30		
100	QPSK	1	1	21.42	21.51	21.48	22.7	0.0
100	QPSK	1	137	21.41	21.48	21.47		
100	QPSK	1	271	21.34	21.44	21.45		
100	QPSK	135	0	21.37	21.38	21.35	22.7	0.0
100	QPSK	135	69	21.40	21.45	21.41		
100	QPSK	135	138	21.31	21.44	21.36		
100	QPSK	270	0	21.34	21.38	21.36	22.7	0.0
100	16QAM	1	1	21.37	21.36	21.30	22.7	0.0
100	64QAM	1	1	21.34	21.37	21.33	21.7	1.0
100	256QAM	1	1	21.32	21.36	21.29	19.7	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.37	21.36	21.28	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.35	21.27	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.36	21.34	21.35	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.38	21.35	21.29	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.35	21.32	21.28	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.36	21.30	21.32	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.31	21.34	21.32	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.39	21.36	21.29	22.7	0.0

n41(PC2)_FCC_ANT 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.37	21.33	21.35	22.7	0.0
100	PI/2 BPSK	1	137	21.38	21.34	21.27		
100	PI/2 BPSK	1	271	21.35	21.36	21.31		
100	PI/2 BPSK	135	0	21.37	21.31	21.31	22.7	0.0
100	PI/2 BPSK	135	69	21.31	21.35	21.31	22.7	0.0
100	PI/2 BPSK	135	138	21.35	21.31	21.32	22.7	0.0
100	PI/2 BPSK	270	0	21.36	21.33	21.30		
100	QPSK	1	1	21.42	21.51	21.48	22.7	0.0
100	QPSK	1	137	21.41	21.48	21.47		
100	QPSK	1	271	21.34	21.44	21.45		
100	QPSK	135	0	21.37	21.38	21.35	22.7	0.0
100	QPSK	135	69	21.40	21.45	21.41		
100	QPSK	135	138	21.31	21.44	21.36		
100	QPSK	270	0	21.34	21.38	21.36	22.7	0.0
100	16QAM	1	1	21.37	21.36	21.30	22.7	0.0
100	64QAM	1	1	21.34	21.37	21.33	22.7	0.0
100	256QAM	1	1	21.32	21.36	21.29	22.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.37	21.36	21.28	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.35	21.27	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.36	21.34	21.35	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.38	21.35	21.29	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.35	21.32	21.28	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.36	21.30	21.32	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.31	21.34	21.32	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.39	21.36	21.29	22.7	0.0

Reduced Power for DSI1

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.28	21.29	21.04	22.2	0.0
20	PI/2 BPSK	1	53	21.11	21.30	21.23		
20	PI/2 BPSK	1	104	21.26	21.25	21.29		
20	PI/2 BPSK	50	0	21.25	21.31	21.21	22.2	0.0
20	PI/2 BPSK	50	28	21.15	21.18	21.11	22.2	0.0
20	PI/2 BPSK	50	56	21.30	21.18	21.06	22.2	0.0
20	PI/2 BPSK	100	0	21.29	21.23	21.31		
20	QPSK	1	1	21.16	21.41	21.30	22.2	0.0
20	QPSK	1	53	21.01	21.21	21.28		
20	QPSK	1	104	21.11	21.26	21.22		
20	QPSK	50	0	21.16	21.27	21.28	22.2	0.0
20	QPSK	50	28	21.33	21.35	21.33	22.2	0.0
20	QPSK	50	56	21.30	21.25	21.23	22.2	0.0
20	QPSK	100	0	21.22	21.31	21.23		
20	16QAM	1	1	21.37	21.32	21.15	22.2	0.0
20	64QAM	1	1	21.21	21.15	21.08	22.2	0.0
20	256QAM	1	1	19.99	19.90	19.76	20.7	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.04	21.22	21.13	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.00	21.26	21.24	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.02	21.25	21.26	22.2	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.84	22.99	22.87	24.7	0.0
20	PI/2 BPSK	1	53	22.86	22.90	22.86		
20	PI/2 BPSK	1	104	22.87	22.84	22.77		
20	PI/2 BPSK	50	0	22.37	22.40	22.45	24.2	0.5
20	PI/2 BPSK	50	28	22.93	22.97	22.96	24.7	0.0
20	PI/2 BPSK	50	56	22.47	22.43	22.32	24.2	0.5
20	PI/2 BPSK	100	0	22.43	22.45	22.40		
20	QPSK	1	1	23.27	23.44	23.26	24.7	0.0
20	QPSK	1	53	23.26	23.41	23.25		
20	QPSK	1	104	23.18	23.19	23.15		
20	QPSK	50	0	22.93	23.11	22.88	24.7	0.0
20	QPSK	50	28	23.08	23.31	23.10	24.7	0.0
20	QPSK	50	56	22.73	22.87	22.63	24.7	0.0
20	QPSK	100	0	22.92	22.93	22.83		
20	16QAM	1	1	22.98	23.14	22.95	23.7	1.0
20	64QAM	1	1	21.69	21.70	21.65	22.2	2.5
20	256QAM	1	1	19.46	19.61	19.56	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.22	23.10	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.05	23.03	23.16	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.16	23.05	24.7	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.32	20.33	20.35	21.2	0.0
40	PI/2 BPSK	1	108	20.33	20.37	20.32		
40	PI/2 BPSK	1	214	20.28	20.33	20.28		
40	PI/2 BPSK	108	0	20.27	20.33	20.32	21.2	0.0
40	PI/2 BPSK	108	54	20.27	20.29	20.33	21.2	0.0
40	PI/2 BPSK	108	108	20.33	20.33	20.31	21.2	0.0
40	PI/2 BPSK	216	0	20.29	20.33	20.33		
40	QPSK	1	1	20.39	20.45	20.39	21.2	0.0
40	QPSK	1	108	20.37	20.40	20.31		
40	QPSK	1	214	20.31	20.41	20.34		
40	QPSK	108	0	20.28	20.34	20.30	21.2	0.0
40	QPSK	108	54	20.34	20.38	20.37	21.2	0.0
40	QPSK	108	108	20.25	20.34	20.31	21.2	0.0
40	QPSK	216	0	20.33	20.37	20.30		
40	16QAM	1	1	20.33	20.29	20.35	21.2	0.0
40	64QAM	1	1	20.32	20.29	20.28	21.2	0.0
40	256QAM	1	1	18.77	18.80	18.86	19.7	1.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.29	20.36	20.29	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.26	20.19	20.28	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.33	20.29	20.29	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.28	20.29	20.31	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.30	20.37	20.30	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.28	20.35	20.35	21.2	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.38	21.34	21.14	22.2	0.0
40	PI/2 BPSK	1	108	21.13	21.31	21.28		
40	PI/2 BPSK	1	214	21.29	21.40	21.43		
40	PI/2 BPSK	108	0	21.39	21.46	21.31	22.2	0.0
40	PI/2 BPSK	108	54	21.20	21.34	21.23	22.2	0.0
40	PI/2 BPSK	108	108	21.41	21.23	21.16	22.2	0.0
40	PI/2 BPSK	216	0	21.42	21.26	21.34		
40	QPSK	1	1	21.22	21.47	21.33	22.2	0.0
40	QPSK	1	108	21.14	21.30	21.29		
40	QPSK	1	214	21.15	21.31	21.24		
40	QPSK	108	0	21.21	21.42	21.31	22.2	0.0
40	QPSK	108	54	21.26	21.45	21.38	22.2	0.0
40	QPSK	108	108	21.37	21.41	21.37	22.2	0.0
40	QPSK	216	0	21.38	21.40	21.24		
40	16QAM	1	1	21.38	21.40	21.30	22.2	0.0
40	64QAM	1	1	21.26	21.17	21.20	22.2	0.0
40	256QAM	1	1	20.00	19.98	19.88	20.7	1.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.12	21.25	21.23	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.27	21.25	21.11	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.30	21.24	21.12	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.19	21.23	21.15	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.26	21.26	21.23	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.13	21.11	21.21	22.2	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.36		22.2	0.0
10	PI/2 BPSK	1	26		21.35			
10	PI/2 BPSK	1	50		21.30			
10	PI/2 BPSK	25	0		21.29		22.2	0.0
10	PI/2 BPSK	25	14		21.35		22.2	0.0
10	PI/2 BPSK	25	27		21.36		22.2	0.0
10	PI/2 BPSK	50	0		21.33			
10	QPSK	1	1		21.45		22.2	0.0
10	QPSK	1	26		21.40			
10	QPSK	1	50		21.40			
10	QPSK	25	0		21.36		22.2	0.0
10	QPSK	25	14		21.37		22.2	0.0
10	QPSK	25	27		21.29		22.2	0.0
10	QPSK	50	0		21.28			
10	16QAM	1	1		21.29		22.2	0.0
10	64QAM	1	1		21.28		22.2	0.0
10	256QAM	1	1		19.80		20.7	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.34	21.35	21.26	22.2	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.22	24.29	24.16	25.2	0.0
40	PI/2 BPSK	1	108	24.09	24.17	24.19		
40	PI/2 BPSK	1	214	24.14	24.11	24.22		
40	PI/2 BPSK	108	0	23.90	23.99	23.87	25.2	0.0
40	PI/2 BPSK	108	54	23.91	24.04	24.00	25.2	0.0
40	PI/2 BPSK	108	108	23.75	23.71	23.73	25.2	0.0
40	PI/2 BPSK	216	0	23.61	23.68	23.65		
40	QPSK	1	1	24.26	24.31	24.16	25.2	0.0
40	QPSK	1	108	24.19	24.04	24.14		
40	QPSK	1	214	24.12	24.04	24.00		
40	QPSK	108	0	23.81	24.01	23.81	25.2	0.0
40	QPSK	108	54	23.91	24.10	23.85	25.2	0.0
40	QPSK	108	108	22.88	22.78	22.82	25.2	0.0
40	QPSK	216	0	23.09	23.11	23.04		
40	16QAM	1	1	23.42	23.31	23.32	25.2	0.0
40	64QAM	1	1	21.92	21.85	21.77	25.2	0.0
40	256QAM	1	1	19.86	19.71	19.80	25.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.19	24.18	24.16	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.11	23.98	24.04	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.15	24.06	24.15	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.17	23.98	24.20	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.10	23.89	24.12	25.2	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.37	22.45	22.42	25.2	0.0
20	PI/2 BPSK	1	53	22.33	22.38	22.23		
20	PI/2 BPSK	1	104	22.28	22.23	22.14		
20	PI/2 BPSK	50	0	22.37	22.41	22.24	24.7	0.5
20	PI/2 BPSK	50	28	22.36	22.50	22.34	25.2	0.0
20	PI/2 BPSK	50	56	22.39	22.24	22.26	24.7	0.5
20	PI/2 BPSK	100	0	22.29	22.32	22.29		
20	QPSK	1	1	23.97	24.00	23.89	25.2	0.0
20	QPSK	1	53	23.64	23.71	23.60		
20	QPSK	1	104	23.64	23.65	23.54		
20	QPSK	50	0	23.45	23.48	23.46	24.2	1.0
20	QPSK	50	28	23.56	23.58	23.56	25.2	0.0
20	QPSK	50	56	23.11	23.11	23.04	24.2	1.0
20	QPSK	100	0	23.11	23.20	23.16		
20	16QAM	1	1	23.41	23.45	23.40	24.2	1.0
20	64QAM	1	1	21.95	21.96	21.93	22.7	2.5
20	256QAM	1	1	19.75	19.76	19.65	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.79	23.90	23.74	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.85	23.71	23.78	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.66	23.82	25.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.67	19.84	19.77	21.2	0.0
40	PI/2 BPSK	1	53	19.71	19.81	19.76		
40	PI/2 BPSK	1	104	19.71	19.88	19.81		
40	PI/2 BPSK	50	0	19.74	19.87	19.81	21.2	0.0
40	PI/2 BPSK	50	28	19.68	19.86	19.73	21.2	0.0
40	PI/2 BPSK	50	56	19.69	19.81	19.77	21.2	0.0
40	PI/2 BPSK	100	0	19.74	19.85	19.78		
40	QPSK	1	1	19.85	19.92	19.86	21.2	0.0
40	QPSK	1	53	19.79	19.85	19.82		
40	QPSK	1	104	19.81	19.90	19.82		
40	QPSK	50	0	19.70	19.82	19.75	21.2	0.0
40	QPSK	50	28	19.76	19.90	19.82		
40	QPSK	50	56	19.68	19.89	19.75		
40	QPSK	100	0	19.73	19.89	19.79	21.2	0.0
40	16QAM	1	1	19.69	19.88	19.81	21.2	0.0
40	64QAM	1	1	19.74	19.89	19.79	21.2	0.0
40	256QAM	1	1	18.67	18.87	18.75	20.2	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.69	19.85	19.78	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.71	19.88	19.78	21.2	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.93	19.98	19.97	21.2	0.0
100	PI/2 BPSK	1	137	19.90	19.93	19.96		
100	PI/2 BPSK	1	271	19.92	19.93	19.89		
100	PI/2 BPSK	135	0	19.93	20.01	19.97	21.2	0.0
100	PI/2 BPSK	135	69	19.92	19.99	19.89	21.2	0.0
100	PI/2 BPSK	135	138	19.91	19.99	19.90	21.2	0.0
100	PI/2 BPSK	270	0	19.87	19.95	19.97		
100	QPSK	1	1	20.04	20.08	20.04	21.2	0.0
100	QPSK	1	137	20.03	20.00	20.02		
100	QPSK	1	271	20.01	20.02	19.96		
100	QPSK	135	0	19.88	19.99	19.97	21.2	0.0
100	QPSK	135	69	19.96	20.02	19.98		
100	QPSK	135	138	19.87	19.97	19.95		
100	QPSK	270	0	19.93	20.00	19.93	21.2	0.0
100	16QAM	1	1	19.94	19.94	19.95	21.2	0.0
100	64QAM	1	1	19.92	19.98	19.95	21.2	0.0
100	256QAM	1	1	18.37	18.45	18.40	19.7	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	19.93	19.96	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	19.93	19.89	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.88	19.98	19.95	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	19.90	20.00	19.97	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.95	19.99	19.90	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.92	19.99	19.96	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.93	19.94	19.95	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.88	19.96	19.94	21.2	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.93	19.98	19.97	21.2	0.0
100	PI/2 BPSK	1	137	19.90	19.93	19.96		
100	PI/2 BPSK	1	271	19.92	19.93	19.89		
100	PI/2 BPSK	135	0	19.93	20.01	19.97	21.2	0.0
100	PI/2 BPSK	135	69	19.92	19.99	19.89	21.2	0.0
100	PI/2 BPSK	135	138	19.91	19.99	19.90	21.2	0.0
100	PI/2 BPSK	270	0	19.87	19.95	19.97		
100	QPSK	1	1	20.04	20.08	20.04	21.2	0.0
100	QPSK	1	137	20.03	20.00	20.02		
100	QPSK	1	271	20.01	20.02	19.96		
100	QPSK	135	0	19.88	19.99	19.97	21.2	0.0
100	QPSK	135	69	19.96	20.02	19.98		
100	QPSK	135	138	19.87	19.97	19.95		
100	QPSK	270	0	19.93	20.00	19.93	21.2	0.0
100	16QAM	1	1	19.94	19.94	19.95	21.2	0.0
100	64QAM	1	1	19.92	19.98	19.95	21.2	0.0
100	256QAM	1	1	18.37	18.45	18.40	19.7	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	19.93	19.96	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	19.93	19.89	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.88	19.98	19.95	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	19.90	20.00	19.97	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.95	19.99	19.90	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.92	19.99	19.96	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.93	19.94	19.95	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.88	19.96	19.94	21.2	0.0

Raster

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.51	23.53	23.11	24.2	0.0
100	PI/2 BPSK	1	137	23.18	23.44	23.23		
100	PI/2 BPSK	1	271	23.39	23.45	23.60		
100	PI/2 BPSK	135	0	22.79	22.84	22.68	23.7	0.5
100	PI/2 BPSK	135	69	23.27	23.22	22.98	24.2	0.0
100	PI/2 BPSK	135	138	22.74	22.62	22.20	23.7	0.5
100	PI/2 BPSK	270	0	22.63	22.76	22.41		
100	QPSK	1	1	23.68	23.76	23.63	24.2	0.0
100	QPSK	1	137	23.53	23.59	23.63		
100	QPSK	1	271	23.52	23.62	23.58		
100	QPSK	135	0	23.55	23.63	23.56	24.2	0.0
100	QPSK	135	69	23.48	23.61	23.54		
100	QPSK	135	138	23.52	23.62	23.43		
100	QPSK	270	0	23.23	23.30	23.05	23.2	1.0
100	16QAM	1	1	23.64	23.64	23.59	23.2	1.0
100	64QAM	1	1	20.24	20.25	20.30	21.7	2.5
100	256QAM	1	1	20.08	20.12	20.04	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.77	23.68	23.41	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.76	23.71	23.35	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.79	23.76	23.43	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.67	23.81	23.42	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.74	23.75	23.33	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.75	23.79	23.36	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.71	23.67	23.34	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.67	23.74	23.45	24.2	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.54	23.53	23.11	25.2	0.0
100	PI/2 BPSK	1	137	23.18	23.44	23.23		
100	PI/2 BPSK	1	271	23.39	23.45	23.60		
100	PI/2 BPSK	135	0	22.79	22.84	22.68	25.2	0.0
100	PI/2 BPSK	135	69	23.27	23.22	22.98	25.2	0.0
100	PI/2 BPSK	135	138	22.74	22.62	22.20	25.2	0.0
100	PI/2 BPSK	270	0	22.63	22.76	22.41		
100	QPSK	1	1	23.68	23.76	23.63	25.2	0.0
100	QPSK	1	137	23.53	23.59	23.63		
100	QPSK	1	271	23.52	23.62	23.58		
100	QPSK	135	0	23.55	23.63	23.56	25.2	0.0
100	QPSK	135	69	23.48	23.61	23.54		
100	QPSK	135	138	23.52	23.62	23.43		
100	QPSK	270	0	23.23	23.30	23.05	24.2	1.0
100	16QAM	1	1	23.64	23.64	23.59	24.2	1.0
100	64QAM	1	1	20.24	20.25	20.30	23.7	1.5
100	256QAM	1	1	20.08	20.12	20.04	21.7	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.77	23.68	23.41	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	1	23.76	23.71	23.35	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.79	23.76	23.43	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.67	23.81	23.42	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	1	23.74	23.75	23.33	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.75	23.79	23.36	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.71	23.67	23.34	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	1	23.67	23.74	23.45	25.2	0.0

0.2

Reduced Power for DSI6/11

n2_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.96	20.03	20.04	21.2	0.0
20	PI/2 BPSK	1	53	20.05	20.10	20.06		
20	PI/2 BPSK	1	104	19.94	20.08	19.94		
20	PI/2 BPSK	50	0	20.04	20.22	19.95	21.2	0.0
20	PI/2 BPSK	50	28	20.04	20.04	19.95	21.2	0.0
20	PI/2 BPSK	50	56	19.97	20.12	19.97	21.2	0.0
20	PI/2 BPSK	100	0	19.89	20.09	20.11		
20	QPSK	1	1	20.17	20.22	20.13	21.2	0.0
20	QPSK	1	53	20.07	20.19	20.15		
20	QPSK	1	104	20.11	20.05	20.09		
20	QPSK	50	0	19.96	20.06	19.98	21.2	0.0
20	QPSK	50	28	19.96	20.19	20.06	21.2	0.0
20	QPSK	50	56	19.98	20.15	20.01	21.2	0.0
20	QPSK	100	0	19.96	20.12	19.92		
20	16QAM	1	1	19.98	20.09	19.95	21.2	0.0
20	64QAM	1	1	19.96	20.17	20.07	21.2	0.0
20	256QAM	1	1	19.94	19.89	19.73	20.7	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.15	20.16	20.04	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.17	20.20	20.04	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.07	20.20	20.15	21.2	0.0

n5_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.84	22.99	22.87	24.7	0.0
20	PI/2 BPSK	1	53	22.86	22.90	22.86		
20	PI/2 BPSK	1	104	22.87	22.84	22.77		
20	PI/2 BPSK	50	0	22.37	22.40	22.45	24.2	0.5
20	PI/2 BPSK	50	28	22.93	22.97	22.96	24.7	0.0
20	PI/2 BPSK	50	56	22.47	22.43	22.32	24.2	0.5
20	PI/2 BPSK	100	0	22.43	22.45	22.40		
20	QPSK	1	1	23.27	23.44	23.26	24.7	0.0
20	QPSK	1	53	23.26	23.41	23.25		
20	QPSK	1	104	23.18	23.19	23.15		
20	QPSK	50	0	22.93	23.11	22.88	24.7	0.0
20	QPSK	50	28	23.08	23.31	23.10	24.7	0.0
20	QPSK	50	56	22.73	22.87	22.63	24.7	0.0
20	QPSK	100	0	22.92	22.93	22.83		
20	16QAM	1	1	22.98	23.14	22.95	23.7	1.0
20	64QAM	1	1	21.69	21.70	21.65	22.2	2.5
20	256QAM	1	1	19.46	19.61	19.56	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.22	23.10	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.05	23.03	23.16	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.16	23.05	24.7	0.0

n7_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.28	19.30	19.27	20.2	0.0
40	PI/2 BPSK	1	108	19.24	19.33	19.30		
40	PI/2 BPSK	1	214	19.23	19.33	19.25		
40	PI/2 BPSK	108	0	19.24	19.36	19.30	20.2	0.0
40	PI/2 BPSK	108	54	19.21	19.38	19.24	20.2	0.0
40	PI/2 BPSK	108	108	19.27	19.32	19.25	20.2	0.0
40	PI/2 BPSK	216	0	19.25	19.36	19.32		
40	QPSK	1	1	19.36	19.44	19.34	20.2	0.0
40	QPSK	1	108	19.34	19.43	19.29		
40	QPSK	1	214	19.27	19.35	19.32		
40	QPSK	108	0	19.25	19.31	19.25	20.2	0.0
40	QPSK	108	54	19.30	19.39	19.33	20.2	0.0
40	QPSK	108	108	19.29	19.33	19.29	20.2	0.0
40	QPSK	216	0	19.27	19.30	19.28		
40	16QAM	1	1	19.26	19.35	19.28	20.2	0.0
40	64QAM	1	1	19.22	19.32	19.27	20.2	0.0
40	256QAM	1	1	19.07	19.08	19.07	19.7	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.27	19.33	19.31	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.17	19.29	19.21	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.29	19.36	19.31	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.29	19.33	19.29	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.27	19.34	19.27	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.28	19.35	19.26	20.2	0.0

n25_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.09	20.19	20.03	21.2	0.0
40	PI/2 BPSK	1	108	20.04	20.17	20.11		
40	PI/2 BPSK	1	214	19.97	20.22	20.07		
40	PI/2 BPSK	108	0	20.01	20.24	20.03	21.2	0.0
40	PI/2 BPSK	108	54	20.01	20.15	20.00	21.2	0.0
40	PI/2 BPSK	108	108	20.06	20.25	20.07	21.2	0.0
40	PI/2 BPSK	216	0	20.02	20.12	20.15		
40	QPSK	1	1	20.17	20.27	20.16	21.2	0.0
40	QPSK	1	108	20.10	20.18	20.09		
40	QPSK	1	214	20.09	20.14	20.12		
40	QPSK	108	0	20.11	20.15	20.15	21.2	0.0
40	QPSK	108	54	20.15	20.20	20.16	21.2	0.0
40	QPSK	108	108	20.07	20.13	20.06	21.2	0.0
40	QPSK	216	0	20.12	20.16	20.13		
40	16QAM	1	1	19.97	20.06	19.96	21.2	0.0
40	64QAM	1	1	20.00	20.20	20.03	21.2	0.0
40	256QAM	1	1	19.98	19.95	19.85	20.7	0.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.05	20.19	20.14	21.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.12	20.23	20.10	21.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.08	20.20	20.11	21.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.14	20.21	20.15	21.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.11	20.24	20.11	21.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.08	20.15	20.11	21.2	0.0

n30_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		19.86		20.7	0.0
10	PI/2 BPSK	1	26		19.84			
10	PI/2 BPSK	1	50		19.89			
10	PI/2 BPSK	25	0		19.82		20.7	0.0
10	PI/2 BPSK	25	14		19.86		20.7	0.0
10	PI/2 BPSK	25	27		19.86		20.7	0.0
10	PI/2 BPSK	50	0		19.90			
10	QPSK	1	1		19.96		20.7	0.0
10	QPSK	1	26		19.87			
10	QPSK	1	50		19.87			
10	QPSK	25	0		19.88		20.7	0.0
10	QPSK	25	14		19.91		20.7	0.0
10	QPSK	25	27		19.88		20.7	0.0
10	QPSK	50	0		19.88			
10	16QAM	1	1		19.87		20.7	0.0
10	64QAM	1	1		19.82		20.7	0.0
10	256QAM	1	1		19.78		20.7	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	19.80	19.84	19.81	20.7	0.0

n66_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.30	23.22	23.11	24.2	0.0
40	PI/2 BPSK	1	108	23.20	23.14	23.10		
40	PI/2 BPSK	1	214	23.11	23.05	23.06		
40	PI/2 BPSK	108	0	23.05	23.24	23.05	24.2	0.0
40	PI/2 BPSK	108	54	23.02	23.17	23.21	24.2	0.0
40	PI/2 BPSK	108	108	23.17	23.14	23.29	24.2	0.0
40	PI/2 BPSK	216	0	23.15	23.21	23.07		
40	QPSK	1	1	23.18	23.30	23.29	24.2	0.0
40	QPSK	1	108	23.00	23.21	23.23		
40	QPSK	1	214	23.16	23.24	23.27		
40	QPSK	108	0	23.20	23.15	23.20	24.2	0.0
40	QPSK	108	54	23.21	23.29	23.28	24.2	0.0
40	QPSK	108	108	23.01	23.16	23.22	24.2	0.0
40	QPSK	216	0	23.24	23.25	23.19		
40	16QAM	1	1	23.17	23.23	23.12	24.2	0.0
40	64QAM	1	1	21.69	21.68	21.61	22.7	1.5
40	256QAM	1	1	19.69	19.55	19.76	20.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.11	23.15	23.13	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.16	23.19	23.13	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.18	23.16	23.14	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.10	23.18	23.08	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.11	23.18	23.10	24.2	0.0

n66_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.36	22.35	22.24	25.2	0.0
40	PI/2 BPSK	1	108	22.33	22.27	22.40		
40	PI/2 BPSK	1	214	22.35	22.39	22.42		
40	PI/2 BPSK	108	0	21.45	21.40	21.45	24.7	0.5
40	PI/2 BPSK	108	54	22.33	22.26	22.42	25.2	0.0
40	PI/2 BPSK	108	108	21.43	21.45	21.49	24.7	0.5
40	PI/2 BPSK	216	0	21.42	21.35	21.41		
40	QPSK	1	1	23.92	23.97	23.83	25.2	0.0
40	QPSK	1	108	23.88	23.85	23.96		
40	QPSK	1	214	23.83	23.71	23.66		
40	QPSK	108	0	21.90	21.90	21.92	23.2	2.0
40	QPSK	108	54	23.83	23.89	23.87	25.2	0.0
40	QPSK	108	108	21.96	21.97	22.01	23.2	2.0
40	QPSK	216	0	21.94	21.95	21.93		
40	16QAM	1	1	23.11	22.78	23.03	24.2	1.0
40	64QAM	1	1	21.65	21.57	21.52	22.7	2.5
40	256QAM	1	1	19.45	19.45	19.35	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.88	23.84	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.77	23.78	23.80	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.79	23.73	23.83	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.80	23.73	23.93	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.68	23.87	25.2	0.0

n71_ANT 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.37	22.45	22.42	25.2	0.0
20	PI/2 BPSK	1	53	22.33	22.38	22.23		
20	PI/2 BPSK	1	104	22.28	22.23	22.14		
20	PI/2 BPSK	50	0	22.37	22.41	22.24	24.7	0.5
20	PI/2 BPSK	50	28	22.36	22.50	22.34	25.2	0.0
20	PI/2 BPSK	50	56	22.39	22.24	22.26	24.7	0.5
20	PI/2 BPSK	100	0	22.29	22.32	22.29		
20	QPSK	1	1	23.97	24.00	23.89	25.2	0.0
20	QPSK	1	53	23.64	23.71	23.60		
20	QPSK	1	104	23.64	23.65	23.54		
20	QPSK	50	0	23.45	23.48	23.46	24.2	1.0
20	QPSK	50	28	23.56	23.58	23.56	25.2	0.0
20	QPSK	50	56	23.11	23.11	23.04	24.2	1.0
20	QPSK	100	0	23.11	23.20	23.16		
20	16QAM	1	1	23.41	23.45	23.40	24.2	1.0
20	64QAM	1	1	21.95	21.96	21.93	22.7	2.5
20	256QAM	1	1	19.75	19.76	19.65	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.79	23.90	23.74	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.85	23.71	23.78	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.66	23.82	25.2	0.0

n38_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.22	18.28	18.26	19.7	0.0
40	PI/2 BPSK	1	53	18.23	18.29	18.29		
40	PI/2 BPSK	1	104	18.26	18.27	18.30		
40	PI/2 BPSK	50	0	18.23	18.26	18.23	19.7	0.0
40	PI/2 BPSK	50	28	18.22	18.26	18.28	19.7	0.0
40	PI/2 BPSK	50	56	18.26	18.30	18.26	19.7	0.0
40	PI/2 BPSK	100	0	18.21	18.32	18.24		
40	QPSK	1	1	18.37	18.44	18.35	19.7	0.0
40	QPSK	1	53	18.31	18.41	18.34		
40	QPSK	1	104	18.33	18.36	18.33		
40	QPSK	50	0	18.21	18.29	18.26	19.7	0.0
40	QPSK	50	28	18.29	18.35	18.32		
40	QPSK	50	56	18.28	18.33	18.26		
40	QPSK	100	0	18.28	18.30	18.23	19.7	0.0
40	16QAM	1	1	18.27	18.32	18.26	19.7	0.0
40	64QAM	1	1	18.28	18.28	18.27	19.7	0.0
40	256QAM	1	1	18.20	18.31	18.31	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.21	18.29	18.29	19.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.27	18.31	18.25	19.7	0.0

n41(PC3)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.34	18.43	18.45	19.7	0.0
100	PI/2 BPSK	1	137	18.35	18.47	18.45		
100	PI/2 BPSK	1	271	18.37	18.50	18.40		
100	PI/2 BPSK	135	0	18.38	18.50	18.46	19.7	0.0
100	PI/2 BPSK	135	69	18.31	18.50	18.38	19.7	0.0
100	PI/2 BPSK	135	138	18.38	18.47	18.44	19.7	0.0
100	PI/2 BPSK	270	0	18.31	18.51	18.43		
100	QPSK	1	1	18.48	18.53	18.50	19.7	0.0
100	QPSK	1	137	18.44	18.45	18.44		
100	QPSK	1	271	18.47	18.48	18.45		
100	QPSK	135	0	18.34	18.51	18.40	19.7	0.0
100	QPSK	135	69	18.40	18.52	18.47		
100	QPSK	135	138	18.36	18.49	18.41		
100	QPSK	270	0	18.32	18.44	18.42	19.7	0.0
100	16QAM	1	1	18.34	18.48	18.39	19.7	0.0
100	64QAM	1	1	18.34	18.47	18.44	19.7	0.0
100	256QAM	1	1	18.34	18.48	18.42	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.37	18.46	18.40	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.33	18.43	18.38	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.34	18.51	18.38	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60		1	1	18.34	18.49	18.46	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.37	18.45	18.42	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.35	18.50	18.38	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.37	18.50	18.44	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.31	18.48	18.46	19.7	0.0

n41(PC2)_FCC_ANT 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.34	18.43	18.45	19.7	0.0
100	PI/2 BPSK	1	137	18.35	18.47	18.45		
100	PI/2 BPSK	1	271	18.37	18.50	18.40		
100	PI/2 BPSK	135	0	18.38	18.50	18.46	19.7	0.0
100	PI/2 BPSK	135	69	18.31	18.50	18.38	19.7	0.0
100	PI/2 BPSK	135	138	18.38	18.47	18.44	19.7	0.0
100	PI/2 BPSK	270	0	18.31	18.51	18.43		
100	QPSK	1	1	18.48	18.53	18.50	19.7	0.0
100	QPSK	1	137	18.44	18.45	18.44		
100	QPSK	1	271	18.47	18.48	18.45		
100	QPSK	135	0	18.34	18.51	18.40	19.7	0.0
100	QPSK	135	69	18.40	18.52	18.47		
100	QPSK	135	138	18.36	18.49	18.41		
100	QPSK	270	0	18.32	18.44	18.42	19.7	0.0
100	16QAM	1	1	18.34	18.48	18.39	19.7	0.0
100	64QAM	1	1	18.34	18.47	18.44	19.7	0.0
100	256QAM	1	1	18.34	18.48	18.42	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.37	18.46	18.40	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.33	18.43	18.38	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.34	18.51	18.38	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.34	18.49	18.46	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.37	18.45	18.42	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.35	18.50	18.38	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.37	18.50	18.44	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.31	18.48	18.46	19.7	0.0

n41(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.97	23.21	23.01	24.2	0.0
100	PI/2 BPSK	1	137	23.04	23.03	22.99		
100	PI/2 BPSK	1	271	23.02	23.09	21.35		
100	PI/2 BPSK	135	0	22.58	22.53	22.51	23.7	0.5
100	PI/2 BPSK	135	69	22.95	22.96	22.82	24.2	0.0
100	PI/2 BPSK	135	138	22.43	22.42	21.91	23.7	0.5
100	PI/2 BPSK	270	0	22.36	22.48	22.21		
100	QPSK	1	1	23.10	23.32	23.01	24.2	0.0
100	QPSK	1	137	23.14	23.16	22.95		
100	QPSK	1	271	23.12	23.12	21.01		
100	QPSK	135	0	21.97	22.03	21.84	24.2	0.0
100	QPSK	135	69	22.81	22.96	22.68		
100	QPSK	135	138	21.95	21.88	21.45		
100	QPSK	270	0	21.89	21.96	21.72	23.2	1.0
100	16QAM	1	1	21.74	21.92	22.19	23.2	1.0
100	64QAM	1	1	20.58	20.75	20.64	21.7	2.5
100	256QAM	1	1	18.35	18.57	18.39	19.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.95	23.06	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.05	22.99	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.01	23.08	23.05	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.18	23.15	23.04	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.12	23.20	23.08	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.15	23.14	23.06	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.14	23.13	23.01	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.11	23.04	24.2	0.0

n41(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.97	23.21	23.01	24.2	0.0
100	PI/2 BPSK	1	137	23.04	23.03	22.99		
100	PI/2 BPSK	1	271	23.02	23.09	21.35		
100	PI/2 BPSK	135	0	22.58	22.53	22.51	24.2	0.0
100	PI/2 BPSK	135	69	22.95	22.96	22.82	24.2	0.0
100	PI/2 BPSK	135	138	22.43	22.42	21.91	24.2	0.0
100	PI/2 BPSK	270	0	22.36	22.48	22.21		
100	QPSK	1	1	23.10	23.32	23.01	24.2	0.0
100	QPSK	1	137	23.14	23.16	22.95		
100	QPSK	1	271	23.12	23.12	21.01		
100	QPSK	135	0	21.97	22.03	21.84	24.2	0.0
100	QPSK	135	69	22.81	22.96	22.68		
100	QPSK	135	138	21.95	21.88	21.45		
100	QPSK	270	0	21.89	21.96	21.72	24.2	0.0
100	16QAM	1	1	21.74	21.92	22.19	24.2	0.0
100	64QAM	1	1	20.58	20.75	20.64	23.7	0.5
100	256QAM	1	1	18.35	18.57	18.39	21.7	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.95	23.06	23.03	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.05	22.99	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.01	23.08	23.05	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.18	23.15	23.04	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.12	23.20	23.08	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.15	23.14	23.06	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.14	23.13	23.01	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.11	23.04	24.2	0.0

Reduced Power for DSI2

n5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.28	23.20	23.35	24.7	0.0
20	PI/2 BPSK	1	53	23.25	23.26	23.18		
20	PI/2 BPSK	1	104	23.12	23.08	23.07		
20	PI/2 BPSK	50	0	22.74	22.73	22.87	24.2	0.5
20	PI/2 BPSK	50	21	23.31	23.30	23.33	24.7	0.0
20	PI/2 BPSK	50	56	22.79	22.75	22.66	24.2	0.5
20	PI/2 BPSK	100	0	22.74	22.74	22.76		
20	QPSK	1	1	23.34	23.45	23.42	24.7	0.0
20	QPSK	1	53	23.32	23.38	23.40		
20	QPSK	1	104	23.26	23.22	23.24		
20	QPSK	50	0	22.80	22.86	22.84	24.7	0.0
20	QPSK	50	21	23.29	23.30	23.27	24.7	0.0
20	QPSK	50	56	22.79	22.76	22.77	24.7	0.0
20	QPSK	100	0	22.77	22.86	22.75		
20	16QAM	1	1	23.08	23.05	23.01	23.7	1.0
20	64QAM	1	1	21.51	21.54	21.58	22.2	2.5
20	256QAM	1	1	19.31	19.37	19.36	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.13	23.17	23.19	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	23.09	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.19	23.16	23.14	24.7	0.0

n71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.71	22.74	22.67	25.2	0.0
20	PI/2 BPSK	1	53	22.58	22.52	22.52		
20	PI/2 BPSK	1	104	22.54	22.45	22.44		
20	PI/2 BPSK	50	0	22.48	22.56	22.50	24.7	0.5
20	PI/2 BPSK	50	28	22.61	22.66	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.58	22.45	22.53	24.7	0.5
20	PI/2 BPSK	100	0	22.53	22.55	22.50		
20	QPSK	1	1	24.04	24.13	24.09	25.2	0.0
20	QPSK	1	53	24.03	24.05	23.95		
20	QPSK	1	104	23.99	23.98	23.97		
20	QPSK	50	0	22.88	23.02	22.98	24.2	1.0
20	QPSK	50	28	23.93	23.99	23.93	25.2	0.0
20	QPSK	50	56	22.93	22.88	22.86	24.2	1.0
20	QPSK	100	0	22.99	23.03	22.88		
20	16QAM	1	1	22.42	23.22	23.29	24.2	1.0
20	64QAM	1	1	20.95	21.69	21.86	22.7	2.5
20	256QAM	1	1	18.81	19.55	19.60	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.01	24.04	24.03	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.92	24.03	24.08	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.01	24.06	24.07	25.2	0.0

n5_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.28	23.20	23.35	24.7	0.0
20	PI/2 BPSK	1	53	23.25	23.26	23.18		
20	PI/2 BPSK	1	104	23.12	23.08	23.07		
20	PI/2 BPSK	50	0	22.74	22.73	22.87	24.2	0.5
20	PI/2 BPSK	50	21	23.31	23.30	23.33	24.7	0.0
20	PI/2 BPSK	50	56	22.79	22.75	22.66	24.2	0.5
20	PI/2 BPSK	100	0	22.74	22.74	22.76		
20	QPSK	1	1	23.34	23.45	23.42	24.7	0.0
20	QPSK	1	53	23.32	23.38	23.40		
20	QPSK	1	104	23.26	23.22	23.24		
20	QPSK	50	0	22.80	22.86	22.84	24.7	0.0
20	QPSK	50	21	23.29	23.30	23.27	24.7	0.0
20	QPSK	50	56	22.79	22.76	22.77	24.7	0.0
20	QPSK	100	0	22.77	22.86	22.75		
20	16QAM	1	1	23.08	23.05	23.01	23.7	1.0
20	64QAM	1	1	21.51	21.54	21.58	22.2	2.5
20	256QAM	1	1	19.31	19.37	19.36	20.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.13	23.17	23.19	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.11	23.12	23.09	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.19	23.16	23.14	24.7	0.0

n71_ANT 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.71	22.74	22.67	25.2	0.0
20	PI/2 BPSK	1	53	22.58	22.52	22.52		
20	PI/2 BPSK	1	104	22.54	22.45	22.44		
20	PI/2 BPSK	50	0	22.48	22.56	22.50	24.7	0.5
20	PI/2 BPSK	50	21	22.61	22.66	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.58	22.45	22.53	24.7	0.5
20	PI/2 BPSK	100	0	22.53	22.55	22.50		
20	QPSK	1	1	24.04	24.13	24.09	25.2	0.0
20	QPSK	1	53	24.03	24.05	23.95		
20	QPSK	1	104	23.99	23.98	23.97		
20	QPSK	50	0	22.88	23.02	22.98	24.2	1.0
20	QPSK	50	21	23.93	23.99	23.93	25.2	0.0
20	QPSK	50	56	22.93	22.88	22.86	24.2	1.0
20	QPSK	100	0	22.99	23.03	22.88		
20	16QAM	1	1	22.42	23.22	23.29	24.2	1.0
20	64QAM	1	1	20.95	21.69	21.86	22.7	2.5
20	256QAM	1	1	18.81	19.55	19.60	20.7	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.01	24.04	24.03	25.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.92	24.03	24.08	25.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.01	24.06	24.07	25.2	0.0

Default Power&DSI4/9/14

Par27O n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.76	22.89	22.77	24.7	0.0
100	PI/2 BPSK	1	137	22.88	22.81	22.75		
100	PI/2 BPSK	1	271	22.85	22.82	22.69		
100	PI/2 BPSK	135	0	22.25	22.29	22.24	24.2	0.5
100	PI/2 BPSK	135	69	22.86	22.87	22.63	24.7	0.0
100	PI/2 BPSK	135	138	22.35	22.19	22.07	24.2	0.5
100	PI/2 BPSK	270	0	22.27	22.28	22.16		
100	QPSK	1	1	22.87	22.90	22.79	24.7	0.0
100	QPSK	1	137	22.81	22.84	22.78		
100	QPSK	1	271	22.71	22.83	22.68		
100	QPSK	135	0	22.74	22.81	22.68	24.7	0.0
100	QPSK	135	69	22.87	22.88	22.76		
100	QPSK	135	138	22.62	22.75	22.69		
100	QPSK	270	0	22.05	22.09	22.01	23.7	1.0
100	16QAM	1	1	22.04	22.07	21.97	23.7	1.0
100	64QAM	1	1	20.85	20.95	20.81	22.2	2.5
100	256QAM	1	1	18.59	18.72	18.61	20.2	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.85	22.72	22.83	24.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.83	22.88	22.80	24.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.80	22.83	22.83	24.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.80	22.78	22.83	24.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.80	22.88	22.86	24.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.86	22.82	22.82	24.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.85	22.84	22.80	24.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.81	22.85	22.88	24.7	0.0

Par27O n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.94	25.17	24.99	26.7	0.0
100	PI/2 BPSK	1	137	24.99	25.02	24.94		
100	PI/2 BPSK	1	271	25.16	25.03	24.75		
100	PI/2 BPSK	135	0	24.42	24.45	24.37	26.2	0.5
100	PI/2 BPSK	135	69	24.92	25.05	24.91	26.7	0.0
100	PI/2 BPSK	135	138	24.41	24.38	24.19	26.2	0.5
100	PI/2 BPSK	270	0	24.37	24.58	24.32		
100	QPSK	1	1	24.94	25.18	25.01	26.7	0.0
100	QPSK	1	137	24.90	25.03	24.95		
100	QPSK	1	271	24.84	24.96	24.89		
100	QPSK	135	0	23.83	23.89	23.83	26.7	0.0
100	QPSK	135	69	24.81	24.82	24.78		
100	QPSK	135	138	23.73	23.87	23.74		
100	QPSK	270	0	24.02	24.09	23.97	25.7	1.0
100	16QAM	1	1	23.98	24.07	23.91	25.7	1.0
100	64QAM	1	1	22.46	22.52	22.47	24.2	2.5
100	256QAM	1	1	20.19	20.35	20.20	22.2	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.93	25.05	24.90	26.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.92	24.99	24.88	26.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.89	25.02	24.89	26.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.95	24.85	24.91	26.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.88	24.87	24.96	26.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.89	25.16	24.88	26.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.87	25.02	24.95	26.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.95	25.01	24.93	26.7	0.0

Par27Q n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.89		24.7	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.43		24.2	0.5
100	PI/2 BPSK	135	69		22.67		24.7	0.0
100	PI/2 BPSK	135	138		22.41		24.2	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.91		24.7	0.0
100	QPSK	1	137		22.61			
100	QPSK	1	271		22.75			
100	QPSK	135	0		22.75		24.7	0.0
100	QPSK	135	69		22.79			
100	QPSK	135	138		22.77			
100	QPSK	270	0		22.31		23.7	1.0
100	16QAM	1	1		22.27		23.7	1.0
100	64QAM	1	1		20.47		22.2	2.5
100	256QAM	1	1		18.33		20.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.65	22.63	22.66	24.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.70	22.64	22.68	24.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.60	22.66	22.59	24.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.67	22.88	22.61	24.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.63	22.82	22.66	24.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.66	22.82	22.63	24.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.69	22.79	22.60	24.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.63	22.85	22.70	24.7	0.0

Par27Q n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.69		26.7	0.0
100	PI/2 BPSK	1	137		25.35			
100	PI/2 BPSK	1	271		25.46			
100	PI/2 BPSK	135	0		24.81		26.2	0.5
100	PI/2 BPSK	135	69		25.35		26.7	0.0
100	PI/2 BPSK	135	138		24.77		26.2	0.5
100	PI/2 BPSK	270	0		24.81			
100	QPSK	1	1		25.70		26.7	0.0
100	QPSK	1	137		25.32			
100	QPSK	1	271		25.44			
100	QPSK	135	0		24.00		26.7	0.0
100	QPSK	135	69		25.24			
100	QPSK	135	138		23.85			
100	QPSK	270	0		24.21		25.7	1.0
100	16QAM	1	1		24.58		25.7	1.0
100	64QAM	1	1		23.03		24.2	2.5
100	256QAM	1	1		20.81		22.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.26	25.44	25.26	26.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.20	25.41	25.24	26.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.18	25.35	25.22	26.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.24	25.51	25.22	26.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.19	25.59	25.26	26.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.25	25.61	25.25	26.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.27	25.61	25.26	26.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.19	25.68	25.16	26.7	0.0

Par27O n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.28	22.86	22.31	24.2	0.0
100	PI/2 BPSK	1	137	22.37	22.31	22.28		
100	PI/2 BPSK	1	271	22.35	22.36	22.24		
100	PI/2 BPSK	135	0	22.32	22.29	22.22	23.7	0.5
100	PI/2 BPSK	135	69	22.23	22.35	22.23	24.2	0.0
100	PI/2 BPSK	135	138	22.13	22.12	22.18	23.7	0.5
100	PI/2 BPSK	270	0	22.19	22.21	22.20		
100	QPSK	1	1	22.69	22.87	22.71	24.2	0.0
100	QPSK	1	137	22.53	22.73	22.56		
100	QPSK	1	271	22.54	22.71	22.54		
100	QPSK	135	0	22.64	22.81	22.66	24.2	0.0
100	QPSK	135	69	22.81	22.82	22.76		
100	QPSK	135	138	22.46	22.66	22.51		
100	QPSK	270	0	21.71	21.88	21.71	23.2	1.0
100	16QAM	1	1	21.53	21.71	21.56	23.2	1.0
100	64QAM	1	1	20.63	20.81	20.68	21.7	2.5
100	256QAM	1	1	18.22	18.39	18.26	19.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.36	22.45	22.29	24.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.30	22.46	22.33	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.33	22.53	22.38	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.32	22.66	22.37	24.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.33	22.66	22.38	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.28	22.82	22.36	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.30	22.82	22.35	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.34	22.69	22.29	24.2	0.0

Par27O n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.87	25.10	24.91	26.2	0.0
100	PI/2 BPSK	1	137	24.92	24.93	24.95		
100	PI/2 BPSK	1	271	24.87	24.90	24.91		
100	PI/2 BPSK	135	0	24.89	24.87	24.88	25.7	0.5
100	PI/2 BPSK	135	69	24.77	24.94	24.84	26.2	0.0
100	PI/2 BPSK	135	138	24.81	24.82	24.81	25.7	0.5
100	PI/2 BPSK	270	0	24.76	24.87	24.86		
100	QPSK	1	1	24.96	25.14	25.01	26.2	0.0
100	QPSK	1	137	24.94	25.13	24.97		
100	QPSK	1	271	24.83	25.02	24.87		
100	QPSK	135	0	24.28	24.47	24.30	26.2	0.0
100	QPSK	135	69	24.58	24.80	24.64		
100	QPSK	135	138	24.09	24.32	24.13		
100	QPSK	270	0	24.06	24.28	24.11	25.2	1.0
100	16QAM	1	1	24.07	24.29	24.11	25.2	1.0
100	64QAM	1	1	22.77	22.97	22.82	23.7	2.5
100	256QAM	1	1	20.51	20.71	20.54	21.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.81	24.92	24.74	26.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.74	25.03	24.85	26.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.82	25.02	24.77	26.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.72	25.09	24.79	26.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.74	24.89	24.82	26.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.74	25.07	24.76	26.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.73	25.03	24.80	26.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.70	24.91	24.83	26.2	0.0

Par27Q n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.68		24.2	0.0
100	PI/2 BPSK	1	137		22.51			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.36		23.7	0.5
100	PI/2 BPSK	135	69		22.62		24.2	0.0
100	PI/2 BPSK	135	138		22.31		23.7	0.5
100	PI/2 BPSK	270	0		22.61			
100	QPSK	1	1		22.71		24.2	0.0
100	QPSK	1	137		22.55			
100	QPSK	1	271		22.63			
100	QPSK	135	0		22.53		24.2	0.0
100	QPSK	135	69		22.64			
100	QPSK	135	138		22.54			
100	QPSK	270	0		21.81		23.2	1.0
100	16QAM	1	1		21.71		23.2	1.0
100	64QAM	1	1		20.29		21.7	2.5
100	256QAM	1	1		18.24		19.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.58	22.47	22.53	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.53	22.48	22.59	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.54	22.52	22.59	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.59	22.66	22.55	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.53	22.67	22.53	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.60	22.65	22.63	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.54	22.62	22.62	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.58	22.48	22.56	24.2	0.0

Par27Q n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.10		26.2	0.0
100	PI/2 BPSK	1	137		24.94			
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.89		25.7	0.5
100	PI/2 BPSK	135	69		24.92		26.2	0.0
100	PI/2 BPSK	135	138		24.91		25.7	0.5
100	PI/2 BPSK	270	0		24.83			
100	QPSK	1	1		25.13		26.2	0.0
100	QPSK	1	137		24.88			
100	QPSK	1	271		25.08			
100	QPSK	135	0		24.42		26.2	0.0
100	QPSK	135	69		25.01			
100	QPSK	135	138		24.36			
100	QPSK	270	0		24.29		25.2	1.0
100	16QAM	1	1		24.18		25.2	1.0
100	64QAM	1	1		22.93		23.7	2.5
100	256QAM	1	1		20.70		21.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.02	24.99	24.98	26.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.04	25.01	24.97	26.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.05	25.03	25.00	26.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.05	25.08	25.04	26.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.98	25.03	25.02	26.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.96	25.09	24.99	26.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.05	25.08	25.00	26.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.99	25.09	25.01	26.2	0.0

Reduced Power for DSI5

Par27O n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.12	14.23	14.19	15.7	0.0
100	PI/2 BPSK	1	137	14.08	14.21	14.23		
100	PI/2 BPSK	1	271	14.10	14.24	14.20		
100	PI/2 BPSK	135	0	14.13	14.20	14.20	15.7	0.0
100	PI/2 BPSK	135	69	14.08	14.22	14.16	15.7	0.0
100	PI/2 BPSK	135	138	14.11	14.24	14.18	15.7	0.0
100	PI/2 BPSK	270	0	14.08	14.26	14.19		
100	QPSK	1	1	14.22	14.30	14.29	15.7	0.0
100	QPSK	1	137	14.21	14.27	14.26		
100	QPSK	1	271	14.20	14.23	14.23		
100	QPSK	135	0	14.13	14.24	14.18	15.7	0.0
100	QPSK	135	69	14.16	14.27	14.24		
100	QPSK	135	138	14.08	14.19	14.21		
100	QPSK	270	0	14.12	14.23	14.19	15.7	0.0
100	16QAM	1	1	14.15	14.22	14.16	15.7	0.0
100	64QAM	1	1	14.08	14.20	14.23	15.7	0.0
100	256QAM	1	1	14.11	14.24	14.18	15.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.94	14.03	13.97	15.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.88	14.00	14.02	15.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.94	14.04	14.00	15.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.95	14.05	13.99	15.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.95	14.05	13.96	15.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.90	14.03	13.97	15.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.90	14.06	13.96	15.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.95	14.00	13.96	15.7	0.0

Par27Q n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.67		15.7	0.0
100	PI/2 BPSK	1	137		14.54			
100	PI/2 BPSK	1	271		14.56			
100	PI/2 BPSK	135	0		14.59		15.7	0.0
100	PI/2 BPSK	135	69		14.59		15.7	0.0
100	PI/2 BPSK	135	138		14.53		15.7	0.0
100	PI/2 BPSK	270	0		14.53			
100	QPSK	1	1		14.73		15.7	0.0
100	QPSK	1	137		14.68			
100	QPSK	1	271		14.69			
100	QPSK	135	0		14.62		15.7	0.0
100	QPSK	135	69		14.71			
100	QPSK	135	138		14.65			
100	QPSK	270	0		14.65		15.7	0.0
100	16QAM	1	1		14.64		15.7	0.0
100	64QAM	1	1		14.69		15.7	0.0
100	256QAM	1	1		14.64		15.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.51	14.67	14.57	15.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.55	14.65	14.58	15.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.56	14.66	14.60	15.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.52	14.63	14.58	15.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.57	14.64	14.61	15.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.53	14.67	14.55	15.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.51	14.69	14.55	15.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.59	14.69	14.56	15.7	0.0

Par27O n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.12	14.23	14.19	15.7	0.0
100	PI/2 BPSK	1	137	14.08	14.21	14.23		
100	PI/2 BPSK	1	271	14.10	14.24	14.20		
100	PI/2 BPSK	135	0	14.13	14.20	14.20	15.7	0.0
100	PI/2 BPSK	135	69	14.08	14.22	14.16	15.7	0.0
100	PI/2 BPSK	135	138	14.11	14.24	14.18	15.7	0.0
100	PI/2 BPSK	270	0	14.08	14.26	14.19		
100	QPSK	1	1	14.22	14.30	14.29	15.7	0.0
100	QPSK	1	137	14.21	14.27	14.26		
100	QPSK	1	271	14.20	14.23	14.23		
100	QPSK	135	0	14.13	14.24	14.18	15.7	0.0
100	QPSK	135	69	14.16	14.27	14.24		
100	QPSK	135	138	14.08	14.19	14.21		
100	QPSK	270	0	14.12	14.23	14.19	15.7	0.0
100	16QAM	1	1	14.15	14.22	14.16	15.7	0.0
100	64QAM	1	1	14.08	14.20	14.23	15.7	0.0
100	256QAM	1	1	14.11	14.24	14.18	15.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.94	14.03	13.97	15.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.88	14.00	14.02	15.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.94	14.04	14.00	15.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.95	14.05	13.99	15.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.95	14.05	13.96	15.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.90	14.03	13.97	15.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.90	14.06	13.96	15.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.95	14.00	13.96	15.7	0.0

Par27Q n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.67		15.7	0.0
100	PI/2 BPSK	1	137		14.54			
100	PI/2 BPSK	1	271		14.56			
100	PI/2 BPSK	135	0		14.59		15.7	0.0
100	PI/2 BPSK	135	69		14.59		15.7	0.0
100	PI/2 BPSK	135	138		14.53		15.7	0.0
100	PI/2 BPSK	270	0		14.53			
100	QPSK	1	1		14.73		15.7	0.0
100	QPSK	1	137		14.68			
100	QPSK	1	271		14.69			
100	QPSK	135	0		14.62		15.7	0.0
100	QPSK	135	69		14.71			
100	QPSK	135	138		14.65			
100	QPSK	270	0		14.65		15.7	0.0
100	16QAM	1	1		14.64		15.7	0.0
100	64QAM	1	1		14.69		15.7	0.0
100	256QAM	1	1		14.64		15.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.51	14.67	14.57	15.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.55	14.65	14.58	15.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.56	14.66	14.60	15.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.52	14.63	14.58	15.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.57	14.64	14.61	15.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.53	14.67	14.55	15.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.51	14.69	14.55	15.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.59	14.69	14.56	15.7	0.0

Par27O n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.13	22.21	22.20	23.2	0.0
100	PI/2 BPSK	1	137	22.14	22.21	22.16		
100	PI/2 BPSK	1	271	22.16	22.21	22.20		
100	PI/2 BPSK	135	0	22.14	22.23	22.16	23.2	0.0
100	PI/2 BPSK	135	69	22.14	22.19	22.19	23.2	0.0
100	PI/2 BPSK	135	138	22.18	22.23	22.18	23.2	0.0
100	PI/2 BPSK	270	0	22.17	22.22	22.24		
100	QPSK	1	1	22.28	22.31	22.29	23.2	0.0
100	QPSK	1	137	22.25	22.25	22.28		
100	QPSK	1	271	22.23	22.26	22.26		
100	QPSK	135	0	22.19	22.24	22.20	23.2	0.0
100	QPSK	135	69	22.21	22.28	22.25		
100	QPSK	135	138	22.14	22.20	22.20		
100	QPSK	270	0	22.20	22.22	22.17	23.2	0.0
100	16QAM	1	1	22.16	22.27	22.19	23.2	0.0
100	64QAM	1	1	22.20	22.23	22.16	23.2	0.0
100	256QAM	1	1	20.69	20.71	20.71	21.7	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.19	22.26	22.21	23.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.15	22.26	22.24	23.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.17	22.24	22.23	23.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.14	22.20	22.23	23.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.12	22.20	22.16	23.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.20	22.24	22.20	23.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.18	22.24	22.18	23.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.18	22.22	22.21	23.2	0.0

Par27Q n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.28		23.2	0.0
100	PI/2 BPSK	1	137		22.21			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		22.25		23.2	0.0
100	PI/2 BPSK	135	69		22.27		23.2	0.0
100	PI/2 BPSK	135	138		22.25		23.2	0.0
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.32		23.2	0.0
100	QPSK	1	137		22.29			
100	QPSK	1	271		22.29			
100	QPSK	135	0		22.26		23.2	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.22			
100	QPSK	270	0		22.26		23.2	0.0
100	16QAM	1	1		22.26		23.2	0.0
100	64QAM	1	1		22.26		23.2	0.0
100	256QAM	1	1		20.78		21.7	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.23	22.25	22.16	23.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.18	22.24	22.13	23.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.16	22.22	22.21	23.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.15	22.26	22.14	23.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.22	22.26	22.18	23.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.20	22.24	22.15	23.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.23	22.26	22.19	23.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.22	22.22	22.18	23.2	0.0

Par27O n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.13	22.21	22.20	23.2	0.0
100	PI/2 BPSK	1	137	22.14	22.21	22.16		
100	PI/2 BPSK	1	271	22.16	22.21	22.20		
100	PI/2 BPSK	135	0	22.14	22.23	22.16	23.2	0.0
100	PI/2 BPSK	135	69	22.14	22.19	22.19	23.2	0.0
100	PI/2 BPSK	135	138	22.18	22.23	22.18	23.2	0.0
100	PI/2 BPSK	270	0	22.17	22.22	22.24		
100	QPSK	1	1	22.28	22.31	22.29	23.2	0.0
100	QPSK	1	137	22.25	22.25	22.28		
100	QPSK	1	271	22.23	22.26	22.26		
100	QPSK	135	0	22.19	22.24	22.20	23.2	0.0
100	QPSK	135	69	22.21	22.28	22.25		
100	QPSK	135	138	22.14	22.20	22.20		
100	QPSK	270	0	22.20	22.22	22.17	23.2	0.0
100	16QAM	1	1	22.16	22.27	22.19	23.2	0.0
100	64QAM	1	1	20.70	20.73	20.66	21.7	1.5
100	256QAM	1	1	18.69	18.71	18.71	19.7	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.19	22.26	22.21	23.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.15	22.26	22.24	23.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.17	22.24	22.23	23.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.14	22.20	22.23	23.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.12	22.20	22.16	23.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.20	22.24	22.20	23.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.18	22.24	22.18	23.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.18	22.22	22.21	23.2	0.0

Par27Q n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.28		23.2	0.0
100	PI/2 BPSK	1	137		22.21			
100	PI/2 BPSK	1	271		22.26			
100	PI/2 BPSK	135	0		22.25		23.2	0.0
100	PI/2 BPSK	135	69		22.27		23.2	0.0
100	PI/2 BPSK	135	138		22.25		23.2	0.0
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.32		23.2	0.0
100	QPSK	1	137		22.29			
100	QPSK	1	271		22.29			
100	QPSK	135	0		22.26		23.2	0.0
100	QPSK	135	69		22.29			
100	QPSK	135	138		22.22			
100	QPSK	270	0		22.26		23.2	0.0
100	16QAM	1	1		22.26		23.2	0.0
100	64QAM	1	1		20.76		21.7	1.5
100	256QAM	1	1		18.78		19.7	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.23	22.25	22.16	23.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.18	22.24	22.13	23.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.16	22.22	22.21	23.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.15	22.26	22.14	23.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.22	22.26	22.18	23.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.20	22.24	22.15	23.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.23	22.26	22.19	23.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.22	22.22	22.18	23.2	0.0

Reduced Power for DSI10/15

Par27O n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.17	13.28	13.18	14.7	0.0
100	PI/2 BPSK	1	137	13.22	13.28	13.23		
100	PI/2 BPSK	1	271	13.19	13.29	13.17		
100	PI/2 BPSK	135	0	13.21	13.24	13.21	14.7	0.0
100	PI/2 BPSK	135	69	13.16	13.25	13.22	14.7	0.0
100	PI/2 BPSK	135	138	13.16	13.28	13.17	14.7	0.0
100	PI/2 BPSK	270	0	13.15	13.25	13.21		
100	QPSK	1	1	13.28	13.34	13.27	14.7	0.0
100	QPSK	1	137	13.27	13.25	13.22		
100	QPSK	1	271	13.20	13.26	13.22		
100	QPSK	135	0	13.20	13.28	13.21	14.7	0.0
100	QPSK	135	69	13.23	13.30	13.24		
100	QPSK	135	138	13.16	13.28	13.16		
100	QPSK	270	0	13.22	13.26	13.17	14.7	0.0
100	16QAM	1	1	13.14	13.28	13.21	14.7	0.0
100	64QAM	1	1	13.18	13.21	13.17	14.7	0.0
100	256QAM	1	1	13.21	13.22	13.22	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.18	13.24	13.21	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.21	13.26	13.17	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.20	13.29	13.15	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.19	13.23	13.21	14.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.21	13.22	13.15	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.14	13.26	13.22	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.16	13.24	13.18	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.15	13.22	13.18	14.7	0.0

Par27Q n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.72		14.7	0.0
100	PI/2 BPSK	1	137		13.69			
100	PI/2 BPSK	1	271		13.67			
100	PI/2 BPSK	135	0		13.73		14.7	0.0
100	PI/2 BPSK	135	69		13.71		14.7	0.0
100	PI/2 BPSK	135	138		13.66		14.7	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.83		14.7	0.0
100	QPSK	1	137		13.81			
100	QPSK	1	271		13.78			
100	QPSK	135	0		13.73		14.7	0.0
100	QPSK	135	69		13.75			
100	QPSK	135	138		13.66			
100	QPSK	270	0		13.72		14.7	0.0
100	16QAM	1	1		13.70		14.7	0.0
100	64QAM	1	1		13.68		14.7	0.0
100	256QAM	1	1		13.66		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.66	13.70	13.65	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.67	13.70	13.63	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.68	13.72	13.60	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.71	13.67	13.67	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.65	13.73	13.60	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.70	13.69	13.62	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.64	13.68	13.67	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.69	13.66	13.65	14.7	0.0

Par27O n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.17	13.28	13.18	14.7	0.0
100	PI/2 BPSK	1	137	13.22	13.28	13.23		
100	PI/2 BPSK	1	271	13.19	13.29	13.17		
100	PI/2 BPSK	135	0	13.21	13.24	13.21	14.7	0.0
100	PI/2 BPSK	135	69	13.16	13.25	13.22	14.7	0.0
100	PI/2 BPSK	135	138	13.16	13.28	13.17	14.7	0.0
100	PI/2 BPSK	270	0	13.15	13.25	13.21		
100	QPSK	1	1	13.28	13.34	13.27	14.7	0.0
100	QPSK	1	137	13.27	13.25	13.22		
100	QPSK	1	271	13.20	13.26	13.22		
100	QPSK	135	0	13.20	13.28	13.21	14.7	0.0
100	QPSK	135	69	13.23	13.30	13.24		
100	QPSK	135	138	13.16	13.28	13.16		
100	QPSK	270	0	13.22	13.26	13.17	14.7	0.0
100	16QAM	1	1	13.14	13.28	13.21	14.7	0.0
100	64QAM	1	1	13.18	13.21	13.17	14.7	0.0
100	256QAM	1	1	13.21	13.22	13.22	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.18	13.24	13.21	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.21	13.26	13.17	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.20	13.29	13.15	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.19	13.23	13.21	14.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.21	13.22	13.15	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.14	13.26	13.22	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.16	13.24	13.18	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.15	13.22	13.18	14.7	0.0

Par27Q n77(PC3)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.72		14.7	0.0
100	PI/2 BPSK	1	137		13.69			
100	PI/2 BPSK	1	271		13.67			
100	PI/2 BPSK	135	0		13.73		14.7	0.0
100	PI/2 BPSK	135	69		13.71		14.7	0.0
100	PI/2 BPSK	135	138		13.66		14.7	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.83		14.7	0.0
100	QPSK	1	137		13.81			
100	QPSK	1	271		13.78			
100	QPSK	135	0		13.73		14.7	0.0
100	QPSK	135	69		13.75			
100	QPSK	135	138		13.66			
100	QPSK	270	0		13.72		14.7	0.0
100	16QAM	1	1		13.70		14.7	0.0
100	64QAM	1	1		13.68		14.7	0.0
100	256QAM	1	1		13.66		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.66	13.70	13.65	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.67	13.70	13.63	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.68	13.72	13.60	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.71	13.67	13.67	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.65	13.73	13.60	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.70	13.69	13.62	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.64	13.68	13.67	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.69	13.66	13.65	14.7	0.0

Par27O n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.10	21.17	21.10	22.2	0.0
100	PI/2 BPSK	1	137	21.11	21.12	21.10		
100	PI/2 BPSK	1	271	21.05	21.11	21.13		
100	PI/2 BPSK	135	0	21.11	21.10	21.15	22.2	0.0
100	PI/2 BPSK	135	69	21.08	21.15	21.12	22.2	0.0
100	PI/2 BPSK	135	138	21.06	21.16	21.11	22.2	0.0
100	PI/2 BPSK	270	0	21.06	21.12	21.12		
100	QPSK	1	1	21.20	21.25	21.23	22.2	0.0
100	QPSK	1	137	21.12	21.21	21.19		
100	QPSK	1	271	21.13	21.20	21.14		
100	QPSK	135	0	21.08	21.14	21.12	22.2	0.0
100	QPSK	135	69	21.14	21.19	21.18		
100	QPSK	135	138	21.05	21.14	21.09		
100	QPSK	270	0	21.07	21.13	21.10	22.2	0.0
100	16QAM	1	1	21.11	21.13	21.14	22.2	0.0
100	64QAM	1	1	21.06	21.12	21.10	22.2	0.0
100	256QAM	1	1	20.70	20.73	20.72	21.7	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.07	21.13	21.12	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.06	21.16	21.11	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.06	21.18	21.10	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.10	21.11	21.12	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.13	21.17	21.10	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.06	21.12	21.12	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.08	21.16	21.16	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.10	21.12	21.13	22.2	0.0

Par27Q n77(PC2)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.32		22.2	0.0
100	PI/2 BPSK	1	137		21.28			
100	PI/2 BPSK	1	271		21.24			
100	PI/2 BPSK	135	0		21.31		22.2	0.0
100	PI/2 BPSK	135	69		21.30		22.2	0.0
100	PI/2 BPSK	135	138		21.29		22.2	0.0
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.34		22.2	0.0
100	QPSK	1	137		21.30			
100	QPSK	1	271		21.32			
100	QPSK	135	0		21.24		22.2	0.0
100	QPSK	135	69		21.33			
100	QPSK	135	138		21.27			
100	QPSK	270	0		21.30		22.2	0.0
100	16QAM	1	1		21.25		22.2	0.0
100	64QAM	1	1		21.25		22.2	0.0
100	256QAM	1	1		20.72		21.7	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.19	21.28	21.21	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.23	21.28	21.19	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.20	21.25	21.16	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.23	21.27	21.14	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.24	21.32	21.14	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.20	21.28	21.18	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.20	21.30	21.15	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.25	21.25	21.17	22.2	0.0

Par27O n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.10	21.17	21.10	22.2	0.0
100	PI/2 BPSK	1	137	21.11	21.12	21.10		
100	PI/2 BPSK	1	271	21.05	21.11	21.13		
100	PI/2 BPSK	135	0	21.11	21.10	21.15	22.2	0.0
100	PI/2 BPSK	135	69	21.08	21.15	21.12	22.2	0.0
100	PI/2 BPSK	135	138	21.06	21.16	21.11	22.2	0.0
100	PI/2 BPSK	270	0	21.06	21.12	21.12		
100	QPSK	1	1	21.20	21.25	21.23	22.2	0.0
100	QPSK	1	137	21.12	21.21	21.19		
100	QPSK	1	271	21.13	21.20	21.14		
100	QPSK	135	0	21.08	21.14	21.12	22.2	0.0
100	QPSK	135	69	21.14	21.19	21.18		
100	QPSK	135	138	21.05	21.14	21.09		
100	QPSK	270	0	21.07	21.13	21.10	22.2	0.0
100	16QAM	1	1	21.11	21.13	21.14	22.2	0.0
100	64QAM	1	1	20.56	20.62	20.60	21.7	0.5
100	256QAM	1	1	18.70	18.73	18.72	19.7	2.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.07	21.13	21.12	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.06	21.16	21.11	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.06	21.18	21.10	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.10	21.11	21.12	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.13	21.17	21.10	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.06	21.12	21.12	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.08	21.16	21.16	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.10	21.12	21.13	22.2	0.0

Par27Q n77(PC3)_FCC_ANT 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.32		22.2	0.0
100	PI/2 BPSK	1	137		21.28			
100	PI/2 BPSK	1	271		21.24			
100	PI/2 BPSK	135	0		21.31		22.2	0.0
100	PI/2 BPSK	135	69		21.30		22.2	0.0
100	PI/2 BPSK	135	138		21.29		22.2	0.0
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.34		22.2	0.0
100	QPSK	1	137		21.30			
100	QPSK	1	271		21.32			
100	QPSK	135	0		21.24		22.2	0.0
100	QPSK	135	69		21.33			
100	QPSK	135	138		21.27			
100	QPSK	270	0		21.30		22.2	0.0
100	16QAM	1	1		21.25		22.2	0.0
100	64QAM	1	1		20.75		21.7	0.5
100	256QAM	1	1		18.72		19.7	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.19	21.28	21.21	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.23	21.28	21.19	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.20	21.25	21.16	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.23	21.27	21.14	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.24	21.32	21.14	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.20	21.28	21.18	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.20	21.30	21.15	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.25	21.25	21.17	22.2	0.0

Reduced Power for DSI1

Par27O n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.66	20.68	20.54	22.2	0.0
100	PI/2 BPSK	1	137	20.68	20.73	20.55		
100	PI/2 BPSK	1	271	20.68	20.65	20.56		
100	PI/2 BPSK	135	0	20.70	20.72	20.54	22.2	0.0
100	PI/2 BPSK	135	69	20.70	20.71	20.56	22.2	0.0
100	PI/2 BPSK	135	138	20.68	20.67	20.61	22.2	0.0
100	PI/2 BPSK	270	0	20.64	20.69	20.58		
100	QPSK	1	1	20.74	20.76	20.67	22.2	0.0
100	QPSK	1	137	20.67	20.69	20.66		
100	QPSK	1	271	20.65	20.74	20.64		
100	QPSK	135	0	20.67	20.68	20.61	22.2	0.0
100	QPSK	135	69	20.72	20.74	20.62		
100	QPSK	135	138	20.71	20.70	20.55		
100	QPSK	270	0	20.69	20.70	20.60	22.2	0.0
100	16QAM	1	1	20.70	20.68	20.60	22.2	0.0
100	64QAM	1	1	20.64	20.72	20.55	22.2	0.0
100	256QAM	1	1	18.60	18.54	18.47	20.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.66	20.68	20.60	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.69	20.72	20.56	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.65	20.68	20.59	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.66	20.71	20.60	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.67	20.72	20.60	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.68	20.68	20.54	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.63	20.68	20.61	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.63	20.69	20.53	22.2	0.0

Par27Q n77(PC2)_FCC_ANT 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.28		22.2	0.0
100	PI/2 BPSK	1	137		21.29			
100	PI/2 BPSK	1	271		21.28			
100	PI/2 BPSK	135	0		21.26		22.2	0.0
100	PI/2 BPSK	135	69		21.27		22.2	0.0
100	PI/2 BPSK	135	138		21.29		22.2	0.0
100	PI/2 BPSK	270	0		21.22			
100	QPSK	1	1		21.31		22.2	0.0
100	QPSK	1	137		21.26			
100	QPSK	1	271		21.28			
100	QPSK	135	0		21.25		22.2	0.0
100	QPSK	135	69		21.30			
100	QPSK	135	138		21.27			
100	QPSK	270	0		21.27		22.2	0.0
100	16QAM	1	1		21.27		22.2	0.0
100	64QAM	1	1		21.27		22.2	0.0
100	256QAM	1	1		18.63		20.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.19	21.23	21.23	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.22	21.25	21.21	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.15	21.26	21.26	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.18	21.26	21.26	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.17	21.25	21.22	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.17	21.25	21.21	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.73	18.74	18.68	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.20	21.22	21.21	22.2	0.0