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: ES3DV3 – SN:3282

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	6.45	6.45	6.45	0.40	1.45	±12.1%
835	41.5	0.90	6.22	6.22	6.22	0.44	1.41	±12.1%
900	41.5	0.97	6.20	6.20	6.20	0.41	1.50	±12.1%
1750	40.1	1.37	5.33	5.33	5.33	0.72	1.17	±12.1%
1900	40.0	1.40	5.10	5.10	5.10	0.65	1.27	±12.1%
2000	40.0	1.40	5.01	5.01	5.01	0.90	1.05	±12.1%
2300	39.5	1.67	4.76	4.76	4.76	1.61	0.88	±12.1%
2450	39.2	1.80	4.65	4.65	4.65	0.90	1.10	±12.1%
2600	39.0	1.96	4.48	4.48	4.48	0.95	1.15	±12.1%

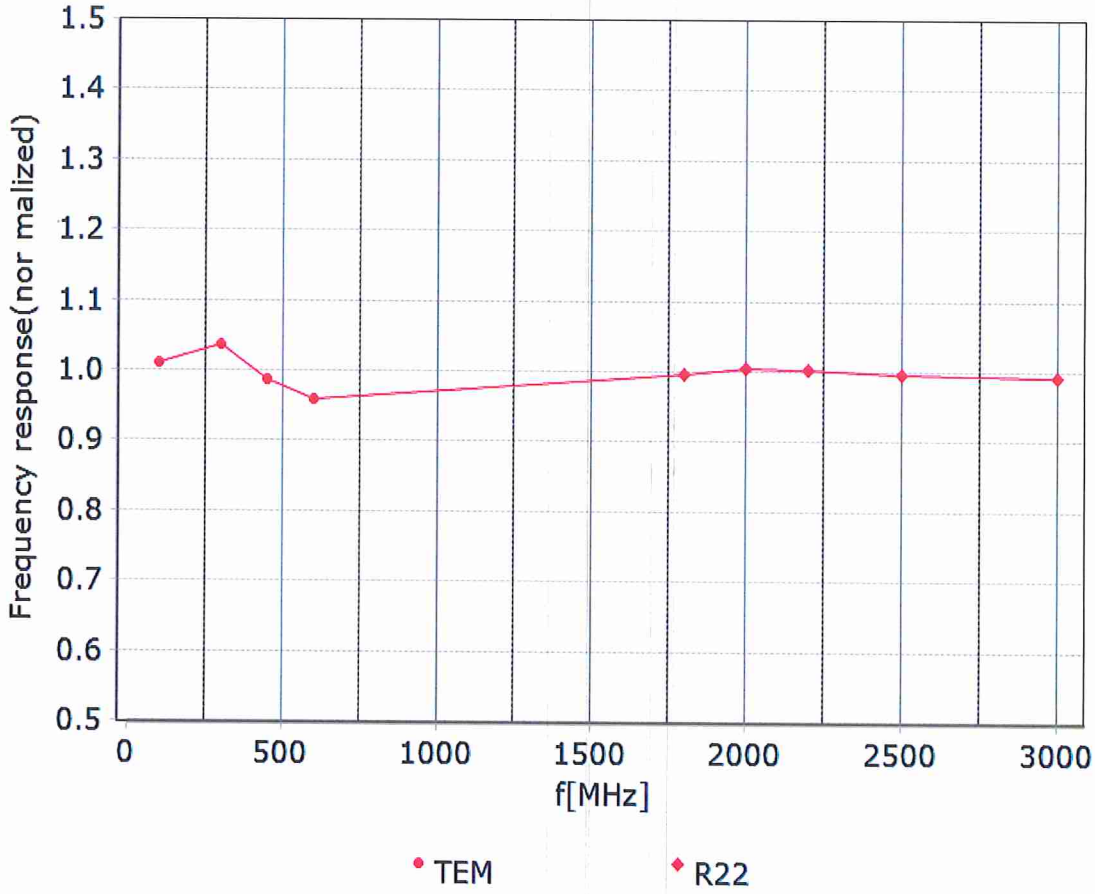
[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 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)

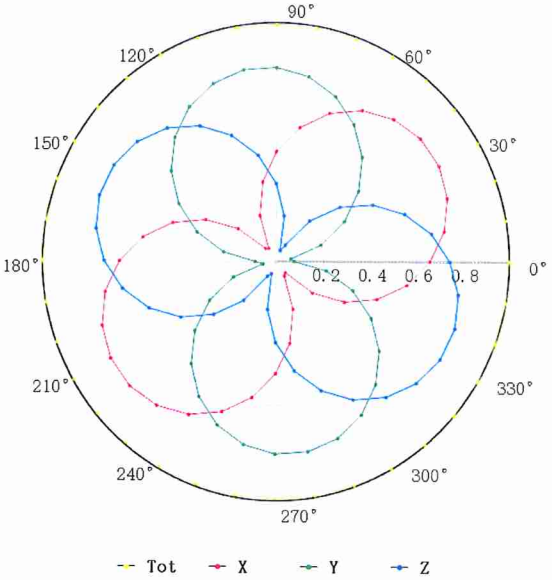


Uncertainty of Frequency Response of E-field: ±7.4% (*k*=2)

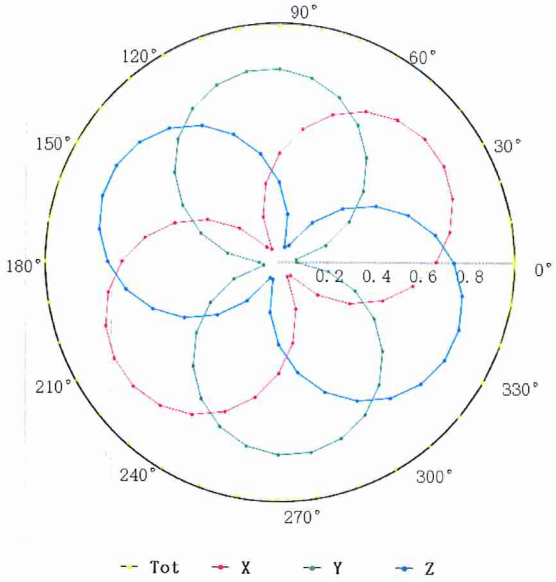
In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

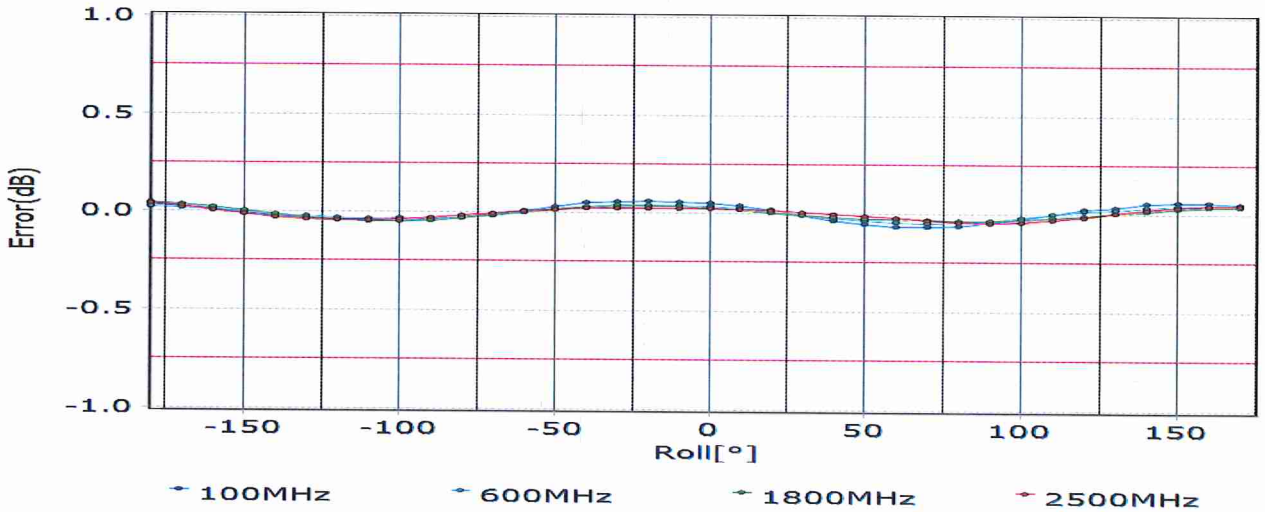
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22

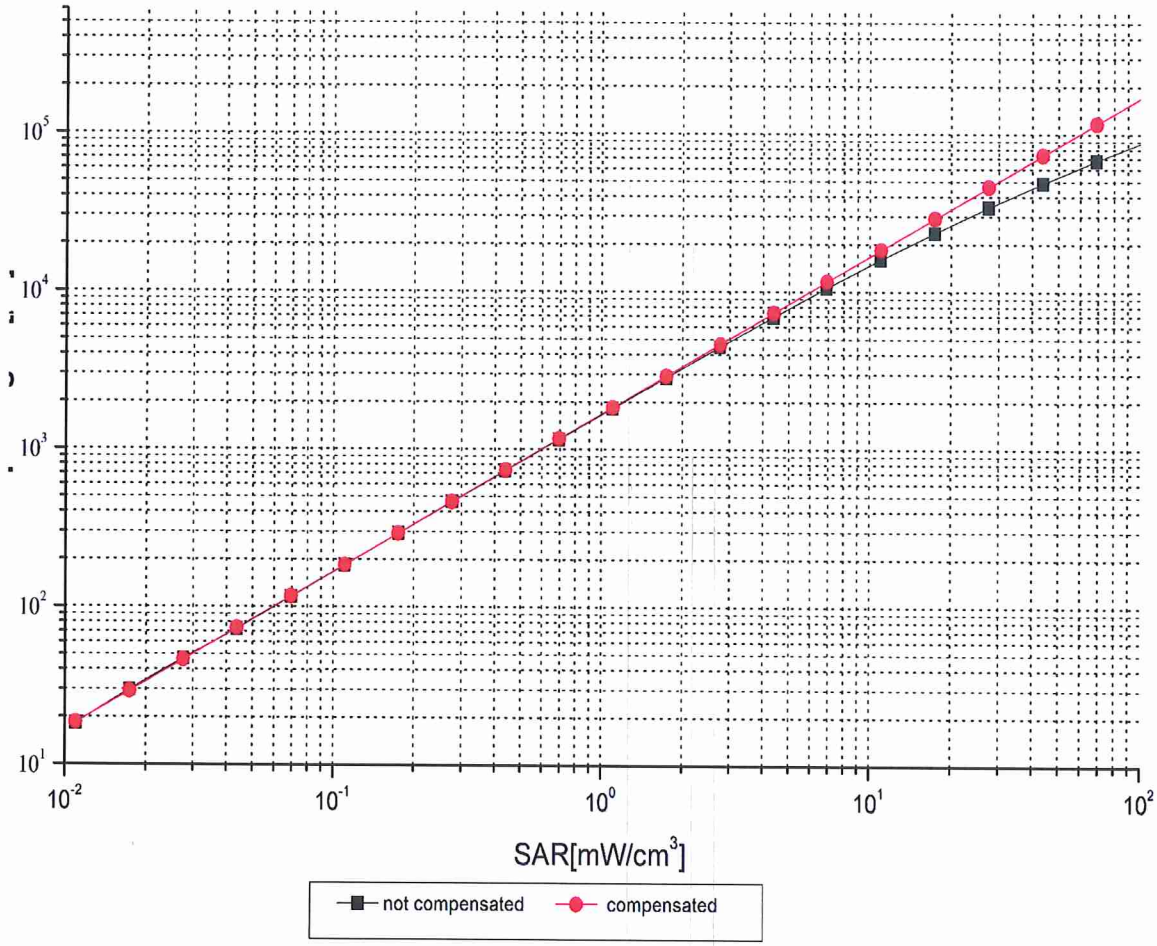


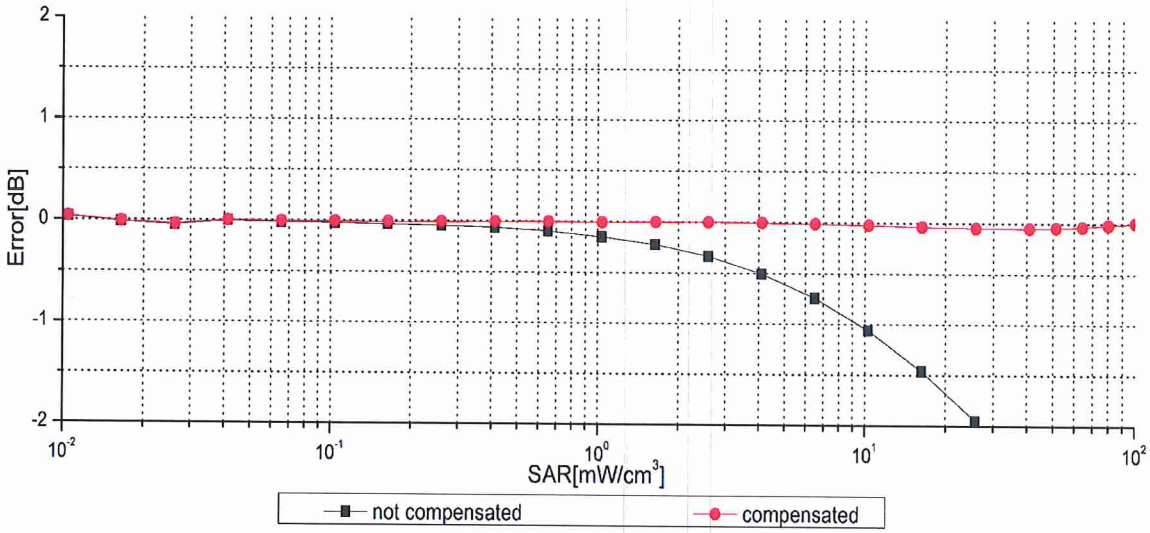


Uncertainty of Axial Isotropy Assessment: ±1.2% (*k*=2)

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)



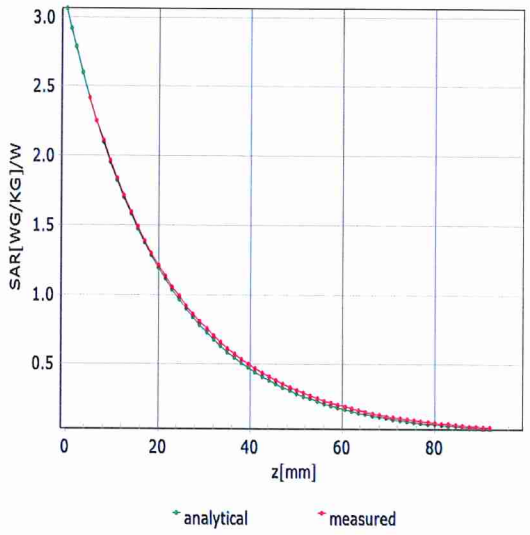


Uncertainty of Linearity Assessment: ±0.9% (*k*=2)

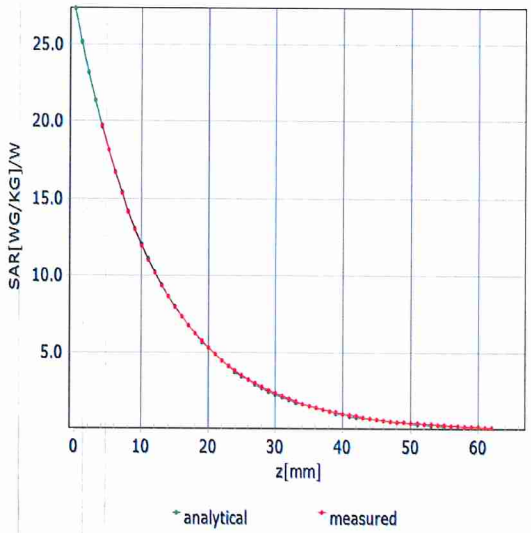
In Collaboration with
s p e a g
CALIBRATION LABORATORY
Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2512 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com Http://www.chinattl.cn

Conversion Factor Assessment

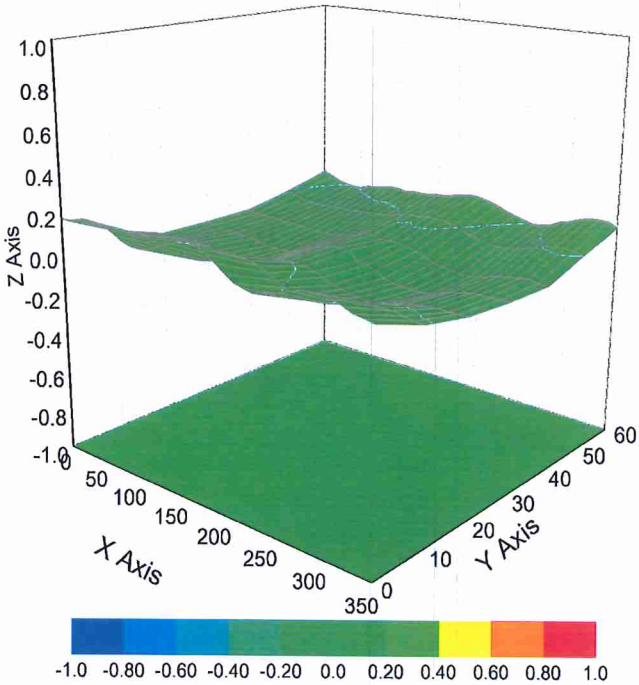
f=750 MHz,WGLS R9(H_convF)



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: ES3DV3 – SN:3282

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	130.7
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	10mm
Tip Diameter	4mm
Probe Tip to Sensor X Calibration Point	2mm
Probe Tip to Sensor Y Calibration Point	2mm
Probe Tip to Sensor Z Calibration Point	2mm
Recommended Measurement Distance from Surface	3mm

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Conducted Default Power for WWAN

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.36	32.13	32.11	**34.00**	23.36	23.13	23.11	25.00
GPRS 1 Tx slot	32.35	32.11	32.08	**34.00**	23.35	23.11	23.08	25.00
GPRS 2 Tx slots	30.71	30.66	30.63	**32.50**	24.71	24.66	24.63	26.50
GPRS 3 Tx slots	28.98	28.97	28.91	**30.50**	24.72	24.71	24.65	26.24
GPRS 4 Tx slots	28.18	28.12	28.00	**29.20**	25.18	25.12	25.00	26.20
EDGE 1 Tx slot	25.91	26.01	25.87	**27.50**	16.91	17.01	16.87	18.50
EDGE 2 Tx slots	24.83	24.87	24.83	**26.50**	18.83	18.87	18.83	20.50
EDGE 3 Tx slots	23.65	23.69	23.59	**25.50**	19.39	19.43	19.33	21.24
EDGE 4 Tx slots	22.97	22.85	22.80	**24.50**	19.97	19.85	19.80	21.50

GSM1900_Ant 13	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	29.46	29.15	29.49	**30.50**	20.46	20.15	20.49	21.50
GPRS 1 Tx slot	29.45	29.14	29.48	**30.50**	20.45	20.14	20.48	21.50
GPRS 2 Tx slots	27.07	26.96	27.15	**28.00**	21.07	20.96	21.15	22.00
GPRS 3 Tx slots	26.26	26.19	26.45	**27.00**	22.00	21.93	22.19	22.74
GPRS 4 Tx slots	24.95	24.74	25.08	**25.50**	21.95	21.74	22.08	22.50
EDGE 1 Tx slot	24.77	24.75	24.95	**26.00**	15.77	15.75	15.95	17.00
EDGE 2 Tx slots	23.54	23.76	23.83	**25.00**	17.54	17.76	17.83	19.00
EDGE 3 Tx slots	22.57	22.45	22.64	**23.50**	18.31	18.19	18.38	19.24
EDGE 4 Tx slots	21.63	21.54	21.82	**22.50**	18.63	18.54	18.82	19.50

GSM1900_Ant 31	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	29.60	29.92	29.89	**31.00**	20.60	20.92	20.89	22.00
GPRS 1 Tx slot	29.57	29.79	29.81	**31.00**	20.57	20.79	20.81	22.00
GPRS 2 Tx slots	27.28	27.41	27.49	**29.00**	21.28	21.41	21.49	23.00
GPRS 3 Tx slots	26.26	26.42	26.35	**28.00**	22.00	22.16	22.09	23.74
GPRS 4 Tx slots	25.00	25.13	25.01	**26.50**	22.00	22.13	22.01	23.50
EDGE 1 Tx slot	25.12	25.31	25.48	**26.50**	16.12	16.31	16.48	17.50
EDGE 2 Tx slots	24.11	24.38	24.32	**25.50**	18.11	18.38	18.32	19.50
EDGE 3 Tx slots	22.96	23.06	23.16	**24.50**	18.70	18.80	18.90	20.24
EDGE 4 Tx slots	22.03	22.10	22.27	**23.50**	19.03	19.10	19.27	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.38	23.54	23.50	**25.00**	24.00	24.15	24.10	**25.30**
3GPP Rel 99	RMC 12.2Kbps	23.40	23.56	23.53	**25.00**	24.02	24.20	24.13	**25.30**
3GPP Rel 6	HSDPA Subtest-1	22.47	22.57	22.55	**24.00**	23.07	23.16	23.26	**24.30**
3GPP Rel 6	HSDPA Subtest-2	22.45	22.63	22.61	**24.00**	23.05	23.13	23.27	**24.30**
3GPP Rel 6	HSDPA Subtest-3	21.96	22.11	22.07	**23.50**	22.54	22.61	22.77	**23.80**
3GPP Rel 6	HSDPA Subtest-4	21.99	22.12	22.10	**23.50**	22.52	22.61	22.79	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.87	22.69	**24.00**	23.46	23.54	23.63	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-2	22.77	22.88	22.69	**24.00**	23.45	23.46	23.57	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-3	22.21	22.40	22.23	**23.50**	22.86	22.91	23.09	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.41	22.30	**23.50**	22.83	22.91	23.09	**23.80**
3GPP Rel 6	HSUPA Subtest-1	22.50	22.67	22.65	**24.00**	23.01	23.14	23.24	**24.30**
3GPP Rel 6	HSUPA Subtest-2	20.46	20.63	20.65	**22.00**	21.00	21.12	21.29	**22.30**
3GPP Rel 6	HSUPA Subtest-3	21.48	21.61	21.68	**23.00**	22.00	22.15	22.26	**23.30**
3GPP Rel 6	HSUPA Subtest-4	20.44	20.64	20.66	**22.00**	21.04	21.14	21.30	**22.30**
3GPP Rel 6	HSUPA Subtest-5	22.40	22.55	22.60	**24.00**	23.10	23.20	23.30	**24.30**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.55	23.62	23.60	**25.00**	24.02	24.11	24.08	**25.50**
3GPP Rel 99	RMC 12.2Kbps	23.57	23.66	23.64	**25.00**	24.09	24.16	24.13	**25.50**
3GPP Rel 6	HSDPA Subtest-1	22.64	22.70	22.69	**24.00**	22.96	23.20	23.29	**24.50**
3GPP Rel 6	HSDPA Subtest-2	22.61	22.68	22.69	**24.00**	23.01	23.20	23.30	**24.50**
3GPP Rel 6	HSDPA Subtest-3	22.17	22.15	22.17	**23.50**	22.54	22.67	22.78	**24.00**
3GPP Rel 6	HSDPA Subtest-4	22.07	22.18	22.16	**23.50**	22.53	22.68	22.75	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.94	23.08	23.05	**24.00**	23.31	23.60	23.65	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.95	23.03	23.07	**24.00**	23.39	23.56	23.59	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.50	22.52	22.54	**23.50**	22.86	23.01	23.13	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.52	22.45	**23.50**	22.86	23.00	23.13	**24.00**
3GPP Rel 6	HSUPA Subtest-1	22.67	22.52	22.58	**24.00**	23.06	22.90	22.90	**24.50**
3GPP Rel 6	HSUPA Subtest-2	20.62	20.55	20.46	**22.00**	21.04	20.91	20.98	**22.50**
3GPP Rel 6	HSUPA Subtest-3	21.65	21.54	21.54	**23.00**	22.04	21.90	21.97	**23.50**
3GPP Rel 6	HSUPA Subtest-4	20.64	20.57	20.52	**22.00**	21.03	20.88	20.91	**22.50**
3GPP Rel 6	HSUPA Subtest-5	22.70	22.62	22.55	**24.00**	23.00	22.88	22.93	**24.50**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.81	23.81	23.76	**25.50**	24.16	24.11	24.03	**25.50**
3GPP Rel 99	RMC 12.2Kbps	23.82	23.86	23.77	**25.50**	24.17	24.22	24.05	**25.50**
3GPP Rel 6	HSDPA Subtest-1	22.87	22.86	22.80	**24.50**	23.33	23.26	23.14	**24.50**
3GPP Rel 6	HSDPA Subtest-2	22.84	22.83	22.79	**24.50**	23.34	23.24	23.15	**24.50**
3GPP Rel 6	HSDPA Subtest-3	22.35	22.35	22.29	**24.00**	22.82	22.80	22.64	**24.00**
3GPP Rel 6	HSDPA Subtest-4	22.05	22.35	22.30	**24.00**	22.82	22.69	22.64	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	23.23	23.39	23.27	**24.50**	23.97	23.94	23.80	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	23.34	23.40	23.27	**24.50**	23.98	23.92	23.85	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.77	22.90	22.78	**24.00**	23.48	23.40	23.25	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.87	22.92	22.77	**24.00**	23.44	23.37	23.30	**24.00**
3GPP Rel 6	HSUPA Subtest-1	22.87	22.87	22.86	**24.50**	23.30	23.24	23.16	**24.50**
3GPP Rel 6	HSUPA Subtest-2	20.87	20.94	20.82	**22.50**	21.27	21.23	21.11	**22.50**
3GPP Rel 6	HSUPA Subtest-3	21.88	21.87	21.80	**23.50**	22.28	22.23	22.11	**23.50**
3GPP Rel 6	HSUPA Subtest-4	20.84	20.87	20.79	**22.50**	21.29	21.27	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-5	22.90	22.90	22.80	**24.50**	23.30	23.20	23.10	**24.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	23.70	23.73	23.62	**25.00**	23.92	23.95	23.85	**25.00**
RC3 SO55	23.73	23.74	23.69	**25.00**	23.92	23.97	23.85	**25.00**
RC3 SO32 (F+SCH)	23.70	23.71	23.63	**25.00**	23.92	23.94	23.85	**25.00**
RC3 SO32 (+SCH)	23.67	23.63	23.57	**25.00**	23.79	23.88	23.84	**25.00**

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.70	22.86	22.81	24	0
20	QPSK	1	49	22.68	22.67	22.79		
20	QPSK	1	99	22.53	22.47	22.64		
20	QPSK	50	0	21.76	21.86	21.81	23	1
20	QPSK	50	24	21.75	21.77	21.78		
20	QPSK	50	50	21.65	21.75	21.76		
20	QPSK	100	0	21.73	21.82	21.81		
20	16QAM	1	0	21.65	21.94	21.99	23	1
20	16QAM	1	49	22.18	22.09	22.09		
20	16QAM	1	99	21.92	21.88	22.08		
20	16QAM	50	0	20.76	20.73	20.83	22	2
20	16QAM	50	24	20.76	20.81	20.87		
20	16QAM	50	50	20.73	20.80	20.84		
20	16QAM	100	0	20.72	20.77	20.84		
20	64QAM	1	0	20.84	21.04	21.03	22	2
20	64QAM	1	49	20.94	20.95	21.12		
20	64QAM	1	99	20.78	20.93	20.90		
20	64QAM	50	0	19.75	19.72	19.77	21	3
20	64QAM	50	24	19.78	19.81	19.87		
20	64QAM	50	50	19.69	19.76	19.82		
20	64QAM	100	0	19.73	19.77	19.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.69	22.67	22.82	24	0
15	QPSK	1	37	22.68	22.70	22.85		
15	QPSK	1	74	22.63	22.66	22.66		
15	QPSK	36	0	21.70	21.74	21.82	23	1
15	QPSK	36	20	21.77	21.79	21.83		
15	QPSK	36	39	21.74	21.80	21.87		
15	QPSK	75	0	21.77	21.82	21.78		
15	16QAM	1	0	21.88	22.00	22.12	23	1
15	16QAM	1	37	21.92	22.04	22.24		
15	16QAM	1	74	21.98	21.82	21.98		
15	16QAM	36	0	20.74	20.76	20.83	22	2
15	16QAM	36	20	20.84	20.86	20.80		
15	16QAM	36	39	20.79	20.83	20.93		
15	16QAM	75	0	20.80	20.81	20.81		
15	64QAM	1	0	20.96	20.92	21.10	22	2
15	64QAM	1	37	20.87	20.95	21.01		
15	64QAM	1	74	20.96	20.93	20.91		
15	64QAM	36	0	19.75	19.77	19.83	21	3
15	64QAM	36	20	19.78	19.84	19.83		
15	64QAM	36	39	19.77	19.82	19.88		
15	64QAM	75	0	19.80	19.79	19.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.82	22.81	24	0
10	QPSK	1	25	22.47	22.83	22.85		
10	QPSK	1	49	22.72	22.75	22.83		
10	QPSK	25	0	21.65	21.93	21.99	23	1
10	QPSK	25	12	21.73	21.98	21.98		
10	QPSK	25	25	21.87	21.92	21.98		
10	QPSK	50	0	21.60	21.98	21.96		
10	16QAM	1	0	21.88	22.27	22.42	23	1
10	16QAM	1	25	21.81	22.26	22.41		
10	16QAM	1	49	22.23	22.08	22.24		
10	16QAM	25	0	20.79	20.92	21.04	22	2
10	16QAM	25	12	20.90	21.00	20.97		
10	16QAM	25	25	20.90	20.95	21.01		
10	16QAM	50	0	20.80	20.97	20.97		
10	64QAM	1	0	20.97	21.13	21.29	22	2
10	64QAM	1	25	20.78	21.16	21.17		
10	64QAM	1	49	20.92	21.13	21.16		
10	64QAM	25	0	19.77	19.94	20.00	21	3
10	64QAM	25	12	19.91	20.01	20.00		
10	64QAM	25	25	19.92	19.93	19.96		
10	64QAM	50	0	19.89	19.99	19.97		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.70	22.80	22.81	24	0
5	QPSK	1	12	22.64	22.80	22.82		
5	QPSK	1	24	22.66	22.75	22.68		
5	QPSK	12	0	21.77	21.89	21.96	23	1
5	QPSK	12	7	21.73	21.96	22.03		
5	QPSK	12	13	21.74	21.87	21.83		
5	QPSK	25	0	21.68	21.92	21.99		
5	16QAM	1	0	21.95	22.11	22.18	23	1
5	16QAM	1	12	21.90	22.28	22.26		
5	16QAM	1	24	22.04	22.14	21.98		
5	16QAM	12	0	20.82	20.92	21.03	22	2
5	16QAM	12	7	20.85	20.97	21.06		
5	16QAM	12	13	20.85	20.89	21.03		
5	16QAM	25	0	20.74	20.97	21.03		
5	64QAM	1	0	20.92	21.18	21.25	22	2
5	64QAM	1	12	20.96	21.04	21.32		
5	64QAM	1	24	20.92	21.09	20.94		
5	64QAM	12	0	19.89	19.89	19.99	21	3
5	64QAM	12	7	19.87	20.01	20.10		
5	64QAM	12	13	19.88	19.87	19.99		
5	64QAM	25	0	19.81	19.94	20.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.67	22.82	22.81	24	0
3	QPSK	1	8	22.70	22.82	22.85		
3	QPSK	1	14	22.56	22.70	22.60		
3	QPSK	8	0	21.91	21.99	21.91	23	1
3	QPSK	8	4	21.74	21.94	21.87		
3	QPSK	8	7	21.70	21.87	21.83		
3	QPSK	15	0	21.64	21.91	21.86		
3	16QAM	1	0	21.87	22.32	22.29	23	1
3	16QAM	1	8	21.87	22.30	22.07		
3	16QAM	1	14	21.86	22.30	21.84		
3	16QAM	8	0	20.86	21.07	21.07	22	2
3	16QAM	8	4	20.89	21.01	21.02		
3	16QAM	8	7	20.87	20.93	20.94		
3	16QAM	15	0	20.81	20.97	20.99		
3	64QAM	1	0	20.76	21.26	21.19	22	2
3	64QAM	1	8	20.90	21.17	21.14		
3	64QAM	1	14	20.77	20.94	20.74		
3	64QAM	8	0	19.86	20.00	20.05	21	3
3	64QAM	8	4	19.87	20.01	20.01		
3	64QAM	8	7	19.84	19.90	20.02		
3	64QAM	15	0	19.84	19.95	19.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.44	22.73	22.49	24	0
1.4	QPSK	1	3	22.24	22.72	22.38		
1.4	QPSK	1	5	22.44	22.67	22.35		
1.4	QPSK	3	0	22.45	22.77	22.48		
1.4	QPSK	3	1	22.44	22.75	22.42		
1.4	QPSK	3	3	22.40	22.73	22.44		
1.4	QPSK	6	0	21.53	21.79	21.63	23	1
1.4	16QAM	1	0	21.76	22.20	21.99	23	1
1.4	16QAM	1	3	21.80	22.07	21.80		
1.4	16QAM	1	5	21.68	22.04	21.78		
1.4	16QAM	3	0	21.65	21.99	21.77		
1.4	16QAM	3	1	21.64	21.94	21.78		
1.4	16QAM	3	3	21.66	21.94	21.68		
1.4	16QAM	6	0	20.64	20.87	20.79	22	2
1.4	64QAM	1	0	20.87	21.01	20.84	22	2
1.4	64QAM	1	3	20.87	20.87	20.85		
1.4	64QAM	1	5	20.79	20.94	20.74		
1.4	64QAM	3	0	20.80	20.94	20.77		
1.4	64QAM	3	1	20.72	20.89	20.86		
1.4	64QAM	3	3	20.80	20.82	20.81		
1.4	64QAM	6	0	19.70	19.82	19.85	21	3

Band 2_Ant 31

BW [MHz]	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	23.02	23.28	22.92	24.5	0
20	QPSK	1	49	22.85	23.20	22.82		
20	QPSK	1	99	22.73	23.12	22.70		
20	QPSK	50	0	22.03	22.15	21.92	23.5	1
20	QPSK	50	24	21.76	22.07	21.83		
20	QPSK	50	50	21.76	22.02	21.83		
20	QPSK	100	0	21.92	22.03	21.83		
20	16QAM	1	0	21.93	22.28	22.09	23.5	1
20	16QAM	1	49	21.70	22.23	21.79		
20	16QAM	1	99	21.84	21.91	21.80		
20	16QAM	50	0	21.04	21.04	20.86	22.5	2
20	16QAM	50	24	21.02	21.21	21.05		
20	16QAM	50	50	20.94	21.10	20.81		
20	16QAM	100	0	21.04	21.09	21.01		
20	64QAM	1	0	21.08	21.08	20.99	22.5	2
20	64QAM	1	49	20.90	21.31	21.21		
20	64QAM	1	99	20.82	21.08	20.94		
20	64QAM	50	0	20.05	20.23	19.91	21.5	3
20	64QAM	50	24	20.09	20.14	19.89		
20	64QAM	50	50	19.99	20.17	19.89		
20	64QAM	100	0	20.06	20.26	19.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.67	22.63	24.5	0
15	QPSK	1	37	22.51	22.90	22.69		
15	QPSK	1	74	22.51	22.82	22.66		
15	QPSK	36	0	21.76	22.10	21.76	23.5	1
15	QPSK	36	20	21.67	22.16	21.62		
15	QPSK	36	39	21.70	21.90	21.77		
15	QPSK	75	0	21.76	21.85	21.68		
15	16QAM	1	0	22.52	22.74	22.50	23.5	1
15	16QAM	1	37	22.50	22.74	22.48		
15	16QAM	1	74	22.48	22.70	22.32		
15	16QAM	36	0	20.56	20.84	20.65	22.5	2
15	16QAM	36	20	20.68	20.98	20.75		
15	16QAM	36	39	20.68	20.96	20.85		
15	16QAM	75	0	20.64	20.98	20.77		
15	64QAM	1	0	21.29	21.15	20.83	22.5	2
15	64QAM	1	37	21.32	21.29	20.85		
15	64QAM	1	74	20.99	21.05	21.11		
15	64QAM	36	0	19.91	19.97	19.72	21.5	3
15	64QAM	36	20	19.82	20.16	19.66		
15	64QAM	36	39	19.98	19.99	19.83		
15	64QAM	75	0	20.05	20.02	19.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.18	23.16	22.83	24.5	0
10	QPSK	1	25	23.04	22.97	22.88		
10	QPSK	1	49	22.81	23.03	22.84		
10	QPSK	25	0	22.20	22.18	22.02	23.5	1
10	QPSK	25	12	22.18	22.19	22.00		
10	QPSK	25	25	21.98	22.10	21.94		
10	QPSK	50	0	22.14	22.14	21.90		
10	16QAM	1	0	22.56	22.75	22.28	23.5	1
10	16QAM	1	25	22.43	22.26	22.19		
10	16QAM	1	49	22.37	22.31	22.49		
10	16QAM	25	0	21.35	21.16	20.87	22.5	2
10	16QAM	25	12	21.23	21.17	21.01		
10	16QAM	25	25	21.22	21.19	21.02		
10	16QAM	50	0	21.19	21.19	20.99		
10	64QAM	1	0	21.51	21.16	21.10	22.5	2
10	64QAM	1	25	21.25	21.56	21.32		
10	64QAM	1	49	21.20	21.06	21.04		
10	64QAM	25	0	20.39	20.26	20.00	21.5	3
10	64QAM	25	12	20.38	20.15	20.00		
10	64QAM	25	25	20.12	20.16	19.99		
10	64QAM	50	0	20.25	20.21	19.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.15	22.91	24.5	0
5	QPSK	1	12	23.08	23.27	22.98		
5	QPSK	1	24	23.02	22.99	22.76		
5	QPSK	12	0	22.26	22.15	21.93	23.5	1
5	QPSK	12	7	22.26	22.22	22.04		
5	QPSK	12	13	22.25	22.15	21.85		
5	QPSK	25	0	22.12	22.16	21.91		
5	16QAM	1	0	22.35	22.47	22.28	23.5	1
5	16QAM	1	12	22.08	22.58	22.23		
5	16QAM	1	24	22.32	22.38	22.13		
5	16QAM	12	0	21.40	21.17	20.96	22.5	2
5	16QAM	12	7	21.32	21.26	20.96		
5	16QAM	12	13	21.27	21.11	20.98		
5	16QAM	25	0	21.35	21.14	20.94		
5	64QAM	1	0	21.21	21.11	21.00	22.5	2
5	64QAM	1	12	21.36	21.12	21.15		
5	64QAM	1	24	21.12	21.14	21.17		
5	64QAM	12	0	20.32	20.27	19.98	21.5	3
5	64QAM	12	7	20.32	20.30	20.13		
5	64QAM	12	13	20.14	20.21	19.93		
5	64QAM	25	0	20.12	20.16	19.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.96	23.07	22.80	24.5	0
3	QPSK	1	8	23.09	23.01	23.07		
3	QPSK	1	14	22.97	22.87	22.70		
3	QPSK	8	0	22.19	22.23	21.90	23.5	1
3	QPSK	8	4	22.21	22.15	21.80		
3	QPSK	8	7	22.11	22.08	21.78		
3	QPSK	15	0	22.08	22.14	21.80		
3	16QAM	1	0	22.62	22.53	22.19	23.5	1
3	16QAM	1	8	22.21	22.42	22.34		
3	16QAM	1	14	22.47	22.30	22.11		
3	16QAM	8	0	21.23	21.16	20.93	22.5	2
3	16QAM	8	4	21.33	21.23	20.98		
3	16QAM	8	7	21.23	21.16	20.84		
3	16QAM	15	0	21.21	21.01	20.76		
3	64QAM	1	0	21.62	21.28	21.04	22.5	2
3	64QAM	1	8	21.38	21.58	21.29		
3	64QAM	1	14	21.12	21.13	21.02		
3	64QAM	8	0	20.36	20.27	20.00	21.5	3
3	64QAM	8	4	20.33	20.23	20.00		
3	64QAM	8	7	20.10	20.06	19.92		
3	64QAM	15	0	20.26	20.16	19.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	22.91	22.81	24.5	0
1.4	QPSK	1	3	23.11	22.91	22.76		
1.4	QPSK	1	5	23.04	23.03	22.73		
1.4	QPSK	3	0	23.11	22.98	22.90		
1.4	QPSK	3	1	23.20	23.18	22.89		
1.4	QPSK	3	3	23.02	23.09	22.84		
1.4	QPSK	6	0	21.99	22.14	21.74	23.5	1
1.4	16QAM	1	0	22.23	22.60	22.43	23.5	1
1.4	16QAM	1	3	22.61	22.09	22.09		
1.4	16QAM	1	5	22.70	22.49	22.21		
1.4	16QAM	3	0	22.27	22.22	21.82		
1.4	16QAM	3	1	22.40	22.38	21.97		
1.4	16QAM	3	3	22.23	22.25	22.00		
1.4	16QAM	6	0	21.33	21.14	20.90	22.5	2
1.4	64QAM	1	0	21.50	21.58	20.95	22.5	2
1.4	64QAM	1	3	21.37	21.13	20.93		
1.4	64QAM	1	5	21.11	21.22	20.96		
1.4	64QAM	3	0	21.30	21.28	21.03		
1.4	64QAM	3	1	21.34	21.40	21.09		
1.4	64QAM	3	3	21.31	21.03	21.05		
1.4	64QAM	6	0	20.18	20.13	19.90	21.5	3

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.49	23.52	23.38	24.5	0
20	QPSK	1	49	23.28	23.36	23.33		
20	QPSK	1	99	23.19	23.28	23.24		
20	QPSK	50	0	22.28	22.32	22.31	23.5	1
20	QPSK	50	24	22.22	22.17	22.21		
20	QPSK	50	50	22.14	22.20	22.15		
20	QPSK	100	0	22.23	22.25	22.21		
20	16QAM	1	0	22.71	22.66	22.69	23.5	1
20	16QAM	1	49	22.87	23.07	22.78		
20	16QAM	1	99	22.50	22.60	22.51		
20	16QAM	50	0	21.37	21.43	21.42	22.5	2
20	16QAM	50	24	21.46	21.41	21.49		
20	16QAM	50	50	21.38	21.39	21.40		
20	16QAM	100	0	21.41	21.34	21.44		
20	64QAM	1	0	21.55	21.55	21.71	22.5	2
20	64QAM	1	49	21.63	21.68	21.57		
20	64QAM	1	99	21.45	21.46	21.47		
20	64QAM	50	0	20.36	20.43	20.38	21.5	3
20	64QAM	50	24	20.42	20.40	20.47		
20	64QAM	50	50	20.38	20.40	20.36		
20	64QAM	100	0	20.38	20.37	20.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.31	23.28	23.43	24.5	0
15	QPSK	1	37	23.30	23.33	23.35		
15	QPSK	1	74	23.16	23.22	23.15		
15	QPSK	36	0	22.10	22.22	22.16	23.5	1
15	QPSK	36	20	22.20	22.17	22.14		
15	QPSK	36	39	22.16	22.19	22.15		
15	QPSK	75	0	22.19	22.12	22.16		
15	16QAM	1	0	22.59	22.61	22.67	23.5	1
15	16QAM	1	37	22.61	22.65	22.66		
15	16QAM	1	74	22.43	22.58	22.46		
15	16QAM	36	0	21.39	21.41	21.42	22.5	2
15	16QAM	36	20	21.41	21.40	21.38		
15	16QAM	36	39	21.37	21.40	21.39		
15	16QAM	75	0	21.41	21.38	21.33		
15	64QAM	1	0	21.46	21.53	21.56	22.5	2
15	64QAM	1	37	21.46	21.72	21.53		
15	64QAM	1	74	21.43	21.43	21.50		
15	64QAM	36	0	20.33	20.39	20.40	21.5	3
15	64QAM	36	20	20.45	20.38	20.42		
15	64QAM	36	39	20.34	20.39	20.39		
15	64QAM	75	0	20.37	20.32	20.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.36	23.46	23.42	24.5	0
10	QPSK	1	25	23.46	23.47	23.47		
10	QPSK	1	49	23.32	23.38	23.39		
10	QPSK	25	0	22.21	22.32	22.29	23.5	1
10	QPSK	25	12	22.29	22.30	22.33		
10	QPSK	25	25	22.28	22.32	22.33		
10	QPSK	50	0	22.29	22.27	22.29		
10	16QAM	1	0	22.70	22.90	22.97	23.5	1
10	16QAM	1	25	22.60	22.82	22.87		
10	16QAM	1	49	22.76	22.77	22.83		
10	16QAM	25	0	21.48	21.56	21.52	22.5	2
10	16QAM	25	12	21.57	21.53	21.50		
10	16QAM	25	25	21.49	21.56	21.53		
10	16QAM	50	0	21.49	21.52	21.51		
10	64QAM	1	0	21.63	21.61	21.75	22.5	2
10	64QAM	1	25	21.58	21.73	21.80		
10	64QAM	1	49	21.61	21.65	21.60		
10	64QAM	25	0	20.45	20.53	20.53	21.5	3
10	64QAM	25	12	20.53	20.48	20.51		
10	64QAM	25	25	20.50	20.53	20.53		
10	64QAM	50	0	20.52	20.45	20.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.43	23.48	23.45	24.5	0
5	QPSK	1	12	23.51	23.49	23.51		
5	QPSK	1	24	23.41	23.43	23.46		
5	QPSK	12	0	22.30	22.27	22.25	23.5	1
5	QPSK	12	7	22.33	22.29	22.35		
5	QPSK	12	13	22.26	22.32	22.30		
5	QPSK	25	0	22.30	22.24	22.31		
5	16QAM	1	0	22.69	22.84	22.94	23.5	1
5	16QAM	1	12	22.84	22.96	22.91		
5	16QAM	1	24	22.62	22.79	22.81		
5	16QAM	12	0	21.52	21.50	21.49	22.5	2
5	16QAM	12	7	21.61	21.52	21.60		
5	16QAM	12	13	21.53	21.55	21.54		
5	16QAM	25	0	21.51	21.49	21.57		
5	64QAM	1	0	21.69	21.82	21.59	22.5	2
5	64QAM	1	12	21.72	21.63	21.81		
5	64QAM	1	24	21.66	21.66	21.67		
5	64QAM	12	0	20.54	20.54	20.52	21.5	3
5	64QAM	12	7	20.53	20.54	20.58		
5	64QAM	12	13	20.48	20.58	20.60		
5	64QAM	25	0	20.51	20.50	20.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.36	23.51	23.47	24.5	0
3	QPSK	1	8	23.50	23.20	23.51		
3	QPSK	1	14	23.24	23.44	23.43		
3	QPSK	8	0	22.34	22.33	22.31	23.5	1
3	QPSK	8	4	22.37	22.41	22.33		
3	QPSK	8	7	22.34	22.40	22.38		
3	QPSK	15	0	22.35	22.29	22.30		
3	16QAM	1	0	22.69	22.83	22.79	23.5	1
3	16QAM	1	8	22.93	22.98	22.91		
3	16QAM	1	14	22.80	22.70	22.90		
3	16QAM	8	0	21.65	21.58	21.59	22.5	2
3	16QAM	8	4	21.63	21.75	21.66		
3	16QAM	8	7	21.63	21.67	21.67		
3	16QAM	15	0	21.54	21.52	21.54		
3	64QAM	1	0	21.60	21.80	21.72	22.5	2
3	64QAM	1	8	21.66	21.78	21.65		
3	64QAM	1	14	21.63	21.71	21.87		
3	64QAM	8	0	20.62	20.59	20.55	21.5	3
3	64QAM	8	4	20.61	20.72	20.57		
3	64QAM	8	7	20.56	20.64	20.64		
3	64QAM	15	0	20.56	20.55	20.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.35	23.46	23.45	24.5	0
1.4	QPSK	1	3	23.37	23.47	23.43		
1.4	QPSK	1	5	23.11	23.40	23.42		
1.4	QPSK	3	0	23.39	23.44	23.45		
1.4	QPSK	3	1	23.40	23.46	23.48		
1.4	QPSK	3	3	23.41	23.44	23.46		
1.4	QPSK	6	0	22.51	22.57	22.53	23.5	1
1.4	16QAM	1	0	22.82	22.86	22.97	23.5	1
1.4	16QAM	1	3	22.85	22.93	22.89		
1.4	16QAM	1	5	22.83	22.91	22.92		
1.4	16QAM	3	0	22.66	22.69	22.68		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.55	22.70	22.75		
1.4	16QAM	6	0	21.63	21.62	21.59	22.5	2
1.4	64QAM	1	0	21.70	21.69	21.71	22.5	2
1.4	64QAM	1	3	21.58	21.84	21.91		
1.4	64QAM	1	5	21.63	21.69	21.71		
1.4	64QAM	3	0	21.63	21.67	21.74		
1.4	64QAM	3	1	21.59	21.67	21.68		
1.4	64QAM	3	3	21.62	21.79	21.67		
1.4	64QAM	6	0	20.57	20.63	20.62	21.5	3

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	24	1
1.4	16QAM	1	0	23.13	23.14	23.22	24	1
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	23	2
1.4	64QAM	1	0	21.97	22.02	21.96	23	2
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	22	3

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.44	23.45	23.37	24.5	0
20	QPSK	1	49	23.40	23.38	23.36		
20	QPSK	1	99	23.12	23.32	23.10		
20	QPSK	50	0	22.36	22.38	22.34	23.5	1
20	QPSK	50	24	22.34	22.27	22.23		
20	QPSK	50	50	22.22	22.31	22.26		
20	QPSK	100	0	22.28	22.30	22.26		
20	16QAM	1	0	22.59	22.81	22.58	23.5	1
20	16QAM	1	49	22.74	22.63	22.81		
20	16QAM	1	99	22.41	22.41	22.60		
20	16QAM	50	0	21.31	21.44	21.34	22.5	2
20	16QAM	50	24	21.43	21.26	21.36		
20	16QAM	50	50	21.31	21.25	21.37		
20	16QAM	100	0	21.28	21.38	21.34		
20	64QAM	1	0	21.46	21.76	21.44	22.5	2
20	64QAM	1	49	21.81	21.33	21.75		
20	64QAM	1	99	21.22	21.45	21.43		
20	64QAM	50	0	20.40	20.25	20.32	21.5	3
20	64QAM	50	24	20.32	20.42	20.33		
20	64QAM	50	50	20.26	20.26	20.31		
20	64QAM	100	0	20.28	20.37	20.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.20	23.36	24.5	0
15	QPSK	1	37	23.30	23.23	23.22		
15	QPSK	1	74	23.26	23.02	23.21		
15	QPSK	36	0	22.31	22.20	22.38	23.5	1
15	QPSK	36	20	22.32	22.38	22.42		
15	QPSK	36	39	22.32	22.26	22.30		
15	QPSK	75	0	22.34	22.32	22.38		
15	16QAM	1	0	22.68	22.44	22.85	23.5	1
15	16QAM	1	37	22.25	22.72	22.26		
15	16QAM	1	74	22.35	22.71	22.61		
15	16QAM	36	0	21.44	21.41	21.31	22.5	2
15	16QAM	36	20	21.32	21.36	21.38		
15	16QAM	36	39	21.26	21.28	21.31		
15	16QAM	75	0	21.34	21.31	21.32		
15	64QAM	1	0	21.74	21.51	21.61	22.5	2
15	64QAM	1	37	21.27	21.11	21.64		
15	64QAM	1	74	21.65	21.13	21.66		
15	64QAM	36	0	20.22	20.19	20.37	21.5	3
15	64QAM	36	20	20.45	20.37	20.34		
15	64QAM	36	39	20.26	20.23	20.32		
15	64QAM	75	0	20.42	20.25	20.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.22	23.27	23.37	24.5	0
10	QPSK	1	25	23.36	23.41	23.38		
10	QPSK	1	49	23.39	23.25	23.32		
10	QPSK	25	0	22.46	22.36	22.32	23.5	1
10	QPSK	25	12	22.29	22.47	22.44		
10	QPSK	25	25	22.37	22.45	22.46		
10	QPSK	50	0	22.44	22.53	22.34		
10	16QAM	1	0	22.51	22.86	22.88	23.5	1
10	16QAM	1	25	22.89	22.76	22.52		
10	16QAM	1	49	22.81	22.77	22.72		
10	16QAM	25	0	21.45	21.37	21.38	22.5	2
10	16QAM	25	12	21.53	21.47	21.48		
10	16QAM	25	25	21.41	21.43	21.32		
10	16QAM	50	0	21.42	21.38	21.31		
10	64QAM	1	0	21.23	21.58	21.76	22.5	2
10	64QAM	1	25	21.39	21.64	21.85		
10	64QAM	1	49	21.32	21.54	21.92		
10	64QAM	25	0	20.36	20.38	20.31	21.5	3
10	64QAM	25	12	20.43	20.51	20.29		
10	64QAM	25	25	20.47	20.33	20.44		
10	64QAM	50	0	20.46	20.40	20.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.33	23.30	23.35	24.5	0
5	QPSK	1	12	23.43	23.31	23.42		
5	QPSK	1	24	23.41	23.43	23.37		
5	QPSK	12	0	22.47	22.36	22.35	23.5	1
5	QPSK	12	7	22.45	22.45	22.47		
5	QPSK	12	13	22.34	22.36	22.43		
5	QPSK	25	0	22.44	22.38	22.47		
5	16QAM	1	0	22.72	22.73	22.81	23.5	1
5	16QAM	1	12	22.76	22.75	22.93		
5	16QAM	1	24	22.33	22.95	23.00		
5	16QAM	12	0	21.51	21.46	21.42	22.5	2
5	16QAM	12	7	21.53	21.57	21.62		
5	16QAM	12	13	21.53	21.38	21.40		
5	16QAM	25	0	21.52	21.40	21.56		
5	64QAM	1	0	21.96	21.88	21.79	22.5	2
5	64QAM	1	12	21.58	21.53	21.79		
5	64QAM	1	24	21.37	21.28	21.55		
5	64QAM	12	0	20.49	20.39	20.45	21.5	3
5	64QAM	12	7	20.50	20.41	20.48		
5	64QAM	12	13	20.53	20.48	20.48		
5	64QAM	25	0	20.51	20.44	20.42		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.32	23.30	23.31	24.5	0
3	QPSK	1	8	23.36	23.41	23.42		
3	QPSK	1	14	23.29	23.19	23.41		
3	QPSK	8	0	22.36	22.26	22.28	23.5	1
3	QPSK	8	4	22.39	22.46	22.44		
3	QPSK	8	7	22.35	22.39	22.41		
3	QPSK	15	0	22.37	22.35	22.40		
3	16QAM	1	0	22.78	22.58	22.51	23.5	1
3	16QAM	1	8	22.72	22.72	22.32		
3	16QAM	1	14	22.90	22.78	22.63		
3	16QAM	8	0	21.41	21.38	21.41	22.5	2
3	16QAM	8	4	21.64	21.49	21.53		
3	16QAM	8	7	21.41	21.55	21.37		
3	16QAM	15	0	21.49	21.40	21.39		
3	64QAM	1	0	21.80	21.70	21.69	22.5	2
3	64QAM	1	8	21.60	21.45	21.55		
3	64QAM	1	14	21.53	21.32	21.14		
3	64QAM	8	0	20.31	20.50	20.39	21.5	3
3	64QAM	8	4	20.47	20.40	20.51		
3	64QAM	8	7	20.30	20.34	20.48		
3	64QAM	15	0	20.57	20.44	20.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.40	23.41	23.23	24.5	0
1.4	QPSK	1	3	23.31	23.24	23.41		
1.4	QPSK	1	5	23.42	23.25	23.35		
1.4	QPSK	3	0	23.40	23.35	23.43		
1.4	QPSK	3	1	23.33	23.40	23.42		
1.4	QPSK	3	3	23.29	23.28	23.40		
1.4	QPSK	6	0	22.37	22.40	22.39	23.5	1
1.4	16QAM	1	0	22.72	22.92	22.58	23.5	1
1.4	16QAM	1	3	23.20	22.77	22.84		
1.4	16QAM	1	5	22.67	22.67	22.77		
1.4	16QAM	3	0	22.41	22.47	22.63		
1.4	16QAM	3	1	22.50	22.50	22.75		
1.4	16QAM	3	3	22.50	22.55	22.54		
1.4	16QAM	6	0	21.46	21.31	21.49	22.5	2
1.4	64QAM	1	0	21.60	21.52	21.24	22.5	2
1.4	64QAM	1	3	21.43	21.67	21.45		
1.4	64QAM	1	5	21.14	21.37	21.02		
1.4	64QAM	3	0	21.36	21.51	21.49		
1.4	64QAM	3	1	21.58	21.69	21.41		
1.4	64QAM	3	3	21.24	21.54	21.73		
1.4	64QAM	6	0	20.45	20.42	20.57	21.5	3

Band 5_Ant 11

BW [MHz]	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	23.70	23.82	23.76	25	0
10	QPSK	1	25	23.58	23.68	23.65		
10	QPSK	1	49	23.66	23.67	23.74		
10	QPSK	25	0	22.73	22.83	22.78	24	1
10	QPSK	25	12	22.80	22.80	22.76		
10	QPSK	25	25	22.81	22.70	22.68		
10	QPSK	50	0	22.71	22.76	22.74		
10	16QAM	1	0	23.07	22.66	23.26	24	1
10	16QAM	1	25	22.92	23.07	23.22		
10	16QAM	1	49	22.81	23.19	22.71		
10	16QAM	25	0	21.72	21.63	21.63	23	2
10	16QAM	25	12	21.84	21.68	21.79		
10	16QAM	25	25	21.71	21.62	21.73		
10	16QAM	50	0	21.73	21.65	21.74		
10	64QAM	1	0	22.09	22.13	22.09	23	2
10	64QAM	1	25	22.09	22.06	21.98		
10	64QAM	1	49	21.90	22.28	21.59		
10	64QAM	25	0	20.62	20.69	20.60	22	3
10	64QAM	25	12	20.87	20.63	20.68		
10	64QAM	25	25	20.79	20.74	20.76		
10	64QAM	50	0	20.74	20.67	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.59	23.55	23.46	25	0
5	QPSK	1	12	23.79	23.51	23.57		
5	QPSK	1	24	23.67	23.60	23.59		
5	QPSK	12	0	22.68	22.60	22.60	24	1
5	QPSK	12	7	22.70	22.71	22.67		
5	QPSK	12	13	22.78	22.66	22.59		
5	QPSK	25	0	22.75	22.62	22.59		
5	16QAM	1	0	23.24	23.53	22.97	24	1
5	16QAM	1	12	23.17	23.01	22.90		
5	16QAM	1	24	23.16	23.11	22.96		
5	16QAM	12	0	21.70	21.68	21.69	23	2
5	16QAM	12	7	21.77	21.67	21.80		
5	16QAM	12	13	21.83	21.76	21.72		
5	16QAM	25	0	21.71	21.67	21.56		
5	64QAM	1	0	21.79	21.87	21.66	23	2
5	64QAM	1	12	21.87	22.24	21.95		
5	64QAM	1	24	22.20	22.10	21.70		
5	64QAM	12	0	20.78	20.65	20.63	22	3
5	64QAM	12	7	20.82	20.88	20.66		
5	64QAM	12	13	20.91	20.76	20.77		
5	64QAM	25	0	20.68	20.63	20.61		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.50	23.57	23.41	25	0
3	QPSK	1	8	23.62	23.69	23.59		
3	QPSK	1	14	23.56	23.54	23.49		
3	QPSK	8	0	22.68	22.65	22.61	24	1
3	QPSK	8	4	22.76	22.70	22.61		
3	QPSK	8	7	22.68	22.71	22.54		
3	QPSK	15	0	22.62	22.57	22.59		
3	16QAM	1	0	22.98	23.19	23.10	24	1
3	16QAM	1	8	22.88	23.11	22.99		
3	16QAM	1	14	23.01	23.06	22.59		
3	16QAM	8	0	21.90	21.70	21.53	23	2
3	16QAM	8	4	21.80	21.78	21.69		
3	16QAM	8	7	21.86	21.77	21.68		
3	16QAM	15	0	21.75	21.67	21.63		
3	64QAM	1	0	21.78	22.17	22.08	23	2
3	64QAM	1	8	22.03	21.90	21.77		
3	64QAM	1	14	22.04	22.00	21.73		
3	64QAM	8	0	20.89	20.77	20.54	22	3
3	64QAM	8	4	20.78	20.74	20.73		
3	64QAM	8	7	20.66	20.73	20.66		
3	64QAM	15	0	20.64	20.54	20.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.66	23.41	23.64	25	0
1.4	QPSK	1	3	23.61	23.50	23.48		
1.4	QPSK	1	5	23.50	23.43	23.55		
1.4	QPSK	3	0	23.61	23.63	23.63		
1.4	QPSK	3	1	23.61	23.64	23.54		
1.4	QPSK	3	3	23.65	23.67	23.53		
1.4	QPSK	6	0	22.67	22.51	22.50	24	1
1.4	16QAM	1	0	23.18	23.03	22.87	24	1
1.4	16QAM	1	3	23.06	23.19	23.03		
1.4	16QAM	1	5	22.84	23.30	23.03		
1.4	16QAM	3	0	22.88	23.02	22.57		
1.4	16QAM	3	1	22.90	22.62	22.60		
1.4	16QAM	3	3	22.78	22.96	22.78		
1.4	16QAM	6	0	21.86	21.65	21.70	23	2
1.4	64QAM	1	0	21.88	21.94	21.89	23	2
1.4	64QAM	1	3	21.94	21.83	21.68		
1.4	64QAM	1	5	22.18	21.89	21.76		
1.4	64QAM	3	0	21.79	21.76	21.75		
1.4	64QAM	3	1	21.83	21.93	21.73		
1.4	64QAM	3	3	21.64	21.78	21.59		
1.4	64QAM	6	0	20.80	20.63	20.64	22	3

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.13	23.35	23.24	24	0
20	QPSK	1	49	23.11	23.22	23.19		
20	QPSK	1	99	23.10	23.20	23.13		
20	QPSK	50	0	22.28	22.48	22.36	23	1
20	QPSK	50	24	22.26	22.38	22.34		
20	QPSK	50	50	22.25	22.46	22.34		
20	QPSK	100	0	22.23	22.38	22.29		
20	16QAM	1	0	22.21	22.58	22.50	23	1
20	16QAM	1	49	22.52	22.62	22.50		
20	16QAM	1	99	22.42	22.57	22.46		
20	16QAM	50	0	21.35	21.58	21.53	22	2
20	16QAM	50	24	21.47	21.61	21.51		
20	16QAM	50	50	21.45	21.68	21.53		
20	16QAM	100	0	21.45	21.60	21.50		
20	64QAM	1	0	21.45	21.55	21.62	22	2
20	64QAM	1	49	21.49	21.85	21.75		
20	64QAM	1	99	21.70	21.77	21.71		
20	64QAM	50	0	20.34	20.56	20.52	21	3
20	64QAM	50	24	20.47	20.59	20.50		
20	64QAM	50	50	20.48	20.66	20.52		
20	64QAM	100	0	20.44	20.59	20.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.24	23.18	24	0
15	QPSK	1	37	23.18	23.31	23.24		
15	QPSK	1	74	23.13	23.32	23.18		
15	QPSK	36	0	22.13	22.33	22.30	23	1
15	QPSK	36	20	22.25	22.38	22.28		
15	QPSK	36	39	22.26	22.47	22.33		
15	QPSK	75	0	22.27	22.37	22.27		
15	16QAM	1	0	22.32	22.42	22.56	23	1
15	16QAM	1	37	22.38	22.56	22.52		
15	16QAM	1	74	22.39	22.63	22.45		
15	16QAM	36	0	21.39	21.58	21.48	22	2
15	16QAM	36	20	21.47	21.61	21.51		
15	16QAM	36	39	21.47	21.64	21.55		
15	16QAM	75	0	21.48	21.59	21.50		
15	64QAM	1	0	21.41	21.59	21.62	22	2
15	64QAM	1	37	21.41	21.74	21.64		
15	64QAM	1	74	21.51	21.72	21.65		
15	64QAM	36	0	20.35	20.57	20.50	21	3
15	64QAM	36	20	20.46	20.57	20.49		
15	64QAM	36	39	20.47	20.67	20.51		
15	64QAM	75	0	20.44	20.61	20.49		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.32	23.32	24	0
10	QPSK	1	25	23.31	23.30	23.34		
10	QPSK	1	49	23.27	23.28	23.30		
10	QPSK	25	0	22.21	22.52	22.41	23	1
10	QPSK	25	12	22.37	22.52	22.42		
10	QPSK	25	25	22.38	22.59	22.46		
10	QPSK	50	0	22.34	22.50	22.49		
10	16QAM	1	0	22.44	22.66	22.73	23	1
10	16QAM	1	25	22.61	22.78	22.67		
10	16QAM	1	49	22.71	22.76	22.62		
10	16QAM	25	0	21.46	21.69	21.62	22	2
10	16QAM	25	12	21.61	21.77	21.66		
10	16QAM	25	25	21.59	21.84	21.68		
10	16QAM	50	0	21.54	21.72	21.68		
10	64QAM	1	0	21.45	21.75	21.86	22	2
10	64QAM	1	25	21.66	21.73	21.74		
10	64QAM	1	49	21.52	21.86	21.73		
10	64QAM	25	0	20.43	20.73	20.62	21	3
10	64QAM	25	12	20.58	20.72	20.59		
10	64QAM	25	25	20.58	20.82	20.65		
10	64QAM	50	0	20.55	20.72	20.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.23	23.34	23.12	24	0
5	QPSK	1	12	23.33	23.32	23.31		
5	QPSK	1	24	23.34	23.32	23.31		
5	QPSK	12	0	22.27	22.42	22.24	23	1
5	QPSK	12	7	22.33	22.55	22.54		
5	QPSK	12	13	22.41	22.65	22.50		
5	QPSK	25	0	22.35	22.50	22.50		
5	16QAM	1	0	22.71	22.80	22.59	23	1
5	16QAM	1	12	22.44	22.72	22.66		
5	16QAM	1	24	22.45	22.55	22.66		
5	16QAM	12	0	21.25	21.48	21.46	22	2
5	16QAM	12	7	21.36	21.51	21.64		
5	16QAM	12	13	21.44	21.72	21.67		
5	16QAM	25	0	21.30	21.48	21.48		
5	64QAM	1	0	21.73	21.74	21.97	22	2
5	64QAM	1	12	21.70	21.76	21.50		
5	64QAM	1	24	21.71	21.76	21.98		
5	64QAM	12	0	20.57	20.56	20.64	21	3
5	64QAM	12	7	20.63	20.74	20.69		
5	64QAM	12	13	20.70	20.69	20.67		
5	64QAM	25	0	20.50	20.63	20.62		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.85	23.02	22.93	24	0
20	QPSK	1	49	22.65	22.74	22.70		
20	QPSK	1	99	22.67	22.79	22.83		
20	QPSK	50	0	21.99	22.15	22.02	23	1
20	QPSK	50	24	21.89	22.04	21.97		
20	QPSK	50	50	21.74	22.00	21.96		
20	QPSK	100	0	21.83	22.06	21.98		
20	16QAM	1	0	22.05	22.50	22.36	23	1
20	16QAM	1	49	22.41	22.72	22.64		
20	16QAM	1	99	22.59	22.69	22.53		
20	16QAM	50	0	21.14	21.37	21.28	22	2
20	16QAM	50	24	21.29	21.34	21.45		
20	16QAM	50	50	21.38	21.49	21.49		
20	16QAM	100	0	21.26	21.42	21.46		
20	64QAM	1	0	21.35	21.39	21.26	22	2
20	64QAM	1	49	21.38	21.65	21.52		
20	64QAM	1	99	21.36	21.86	21.45		
20	64QAM	50	0	20.23	20.46	20.30	21	3
20	64QAM	50	24	20.26	20.31	20.44		
20	64QAM	50	50	20.21	20.41	20.51		
20	64QAM	100	0	20.19	20.40	20.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.55	22.79	22.71	24	0
15	QPSK	1	37	22.78	22.95	22.74		
15	QPSK	1	74	22.71	22.79	22.71		
15	QPSK	36	0	21.75	21.96	21.91	23	1
15	QPSK	36	20	21.75	21.92	22.04		
15	QPSK	36	39	21.82	21.99	22.04		
15	QPSK	75	0	21.81	21.94	22.02		
15	16QAM	1	0	22.54	22.77	22.14	23	1
15	16QAM	1	37	22.66	22.51	22.30		
15	16QAM	1	74	22.54	22.54	22.57		
15	16QAM	36	0	21.13	21.29	21.41	22	2
15	16QAM	36	20	21.29	21.33	21.46		
15	16QAM	36	39	21.30	21.38	21.43		
15	16QAM	75	0	21.29	21.34	21.41		
15	64QAM	1	0	21.44	21.50	21.43	22	2
15	64QAM	1	37	21.62	21.20	21.55		
15	64QAM	1	74	21.05	21.53	21.65		
15	64QAM	36	0	20.19	20.28	20.40	21	3
15	64QAM	36	20	20.24	20.28	20.39		
15	64QAM	36	39	20.32	20.35	20.46		
15	64QAM	75	0	20.26	20.39	20.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.73	22.89	22.99	24	0
10	QPSK	1	25	22.95	22.96	23.00		
10	QPSK	1	49	22.93	23.00	23.01		
10	QPSK	25	0	21.87	21.98	22.10	23	1
10	QPSK	25	12	21.94	22.03	22.15		
10	QPSK	25	25	22.00	22.17	22.03		
10	QPSK	50	0	21.99	21.96	22.10		
10	16QAM	1	0	22.25	22.84	22.91	23	1
10	16QAM	1	25	22.95	22.77	22.92		
10	16QAM	1	49	22.89	22.23	22.72		
10	16QAM	25	0	21.36	21.33	21.47	22	2
10	16QAM	25	12	21.30	21.36	21.60		
10	16QAM	25	25	21.37	21.46	21.45		
10	16QAM	50	0	21.35	21.42	21.55		
10	64QAM	1	0	21.43	21.54	21.31	22	2
10	64QAM	1	25	21.69	21.55	21.82		
10	64QAM	1	49	21.35	21.74	21.61		
10	64QAM	25	0	20.27	20.33	20.38	21	3
10	64QAM	25	12	20.45	20.49	20.59		
10	64QAM	25	25	20.37	20.61	20.51		
10	64QAM	50	0	20.47	20.35	20.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.80	22.94	22.86	24	0
5	QPSK	1	12	22.86	23.01	23.01		
5	QPSK	1	24	22.85	23.01	22.90		
5	QPSK	12	0	21.82	21.94	21.95	23	1
5	QPSK	12	7	21.93	22.06	22.20		
5	QPSK	12	13	21.97	22.18	22.10		
5	QPSK	25	0	21.93	21.95	22.09		
5	16QAM	1	0	22.66	22.76	22.68	23	1
5	16QAM	1	12	22.76	22.97	22.93		
5	16QAM	1	24	22.82	22.64	23.00		
5	16QAM	12	0	21.21	21.27	21.46	22	2
5	16QAM	12	7	21.37	21.60	21.75		
5	16QAM	12	13	21.44	21.62	21.69		
5	16QAM	25	0	21.46	21.45	21.41		
5	64QAM	1	0	21.53	21.93	21.77	22	2
5	64QAM	1	12	21.50	21.50	21.89		
5	64QAM	1	24	21.58	21.45	21.77		
5	64QAM	12	0	20.35	20.34	20.41	21	3
5	64QAM	12	7	20.50	20.41	20.61		
5	64QAM	12	13	20.33	20.58	20.63		
5	64QAM	25	0	20.34	20.44	20.50		

Band 12_Ant 11

BW [MHz]	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	23.43	23.63	23.52	25	0
10	QPSK	1	25	23.51	23.61	23.56		
10	QPSK	1	49	23.50	23.38	23.53		
10	QPSK	25	0	22.50	22.66	22.54	24	1
10	QPSK	25	12	22.65	22.49	22.50		
10	QPSK	25	25	22.51	22.48	22.63		
10	QPSK	50	0	22.53	22.64	22.63		
10	16QAM	1	0	22.96	22.88	23.07	24	1
10	16QAM	1	25	23.07	22.94	22.97		
10	16QAM	1	49	23.14	22.96	23.01		
10	16QAM	25	0	21.72	21.66	21.67	23	2
10	16QAM	25	12	21.76	21.70	21.69		
10	16QAM	25	25	21.58	21.72	21.58		
10	16QAM	50	0	21.76	21.58	21.73		
10	64QAM	1	0	21.83	21.75	21.89	23	2
10	64QAM	1	25	21.82	21.84	21.90		
10	64QAM	1	49	21.75	21.85	22.02		
10	64QAM	25	0	20.57	20.53	20.62	22	3
10	64QAM	25	12	20.83	20.62	20.69		
10	64QAM	25	25	20.66	20.56	20.70		
10	64QAM	50	0	20.64	20.54	20.67		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.58	23.48	25	0
5	QPSK	1	12	23.51	23.48	23.44		
5	QPSK	1	24	23.34	23.52	23.34		
5	QPSK	12	0	22.50	22.54	22.51	24	1
5	QPSK	12	7	22.59	22.61	22.55		
5	QPSK	12	13	22.59	22.54	22.50		
5	QPSK	25	0	22.57	22.50	22.60		
5	16QAM	1	0	23.04	22.84	22.77	24	1
5	16QAM	1	12	23.02	22.85	22.76		
5	16QAM	1	24	22.99	22.96	22.52		
5	16QAM	12	0	21.65	21.60	21.62	23	2
5	16QAM	12	7	21.51	21.73	21.64		
5	16QAM	12	13	21.63	21.68	21.62		
5	16QAM	25	0	21.67	21.66	21.72		
5	64QAM	1	0	22.16	21.61	21.85	23	2
5	64QAM	1	12	21.91	21.90	21.64		
5	64QAM	1	24	22.12	22.06	21.56		
5	64QAM	12	0	20.45	20.68	20.45	22	3
5	64QAM	12	7	20.89	20.77	20.70		
5	64QAM	12	13	20.61	20.80	20.63		
5	64QAM	25	0	20.68	20.62	20.62		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.32	23.44	23.50	25	0
3	QPSK	1	8	23.36	23.52	23.53		
3	QPSK	1	14	23.34	23.34	23.38		
3	QPSK	8	0	22.60	22.52	22.54	24	1
3	QPSK	8	4	22.58	22.57	22.55		
3	QPSK	8	7	22.57	22.49	22.50		
3	QPSK	15	0	22.52	22.46	22.43		
3	16QAM	1	0	23.13	22.87	22.84	24	1
3	16QAM	1	8	22.70	23.17	23.05		
3	16QAM	1	14	23.30	22.91	22.84		
3	16QAM	8	0	21.74	21.54	21.77	23	2
3	16QAM	8	4	21.68	21.82	21.80		
3	16QAM	8	7	21.71	21.70	21.88		
3	16QAM	15	0	21.75	21.53	21.52		
3	64QAM	1	0	21.66	21.85	21.88	23	2
3	64QAM	1	8	22.02	22.08	21.84		
3	64QAM	1	14	21.72	21.64	21.75		
3	64QAM	8	0	20.81	20.65	20.60	22	3
3	64QAM	8	4	20.81	20.70	20.53		
3	64QAM	8	7	20.65	20.70	20.53		
3	64QAM	15	0	20.73	20.55	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.45	23.56	23.50	25	0
1.4	QPSK	1	3	23.54	23.39	23.58		
1.4	QPSK	1	5	23.41	23.46	23.47		
1.4	QPSK	3	0	23.41	23.47	23.43		
1.4	QPSK	3	1	23.40	23.43	23.51		
1.4	QPSK	3	3	23.45	23.48	23.43		
1.4	QPSK	6	0	22.48	22.41	22.51	24	1
1.4	16QAM	1	0	22.84	23.04	23.00	24	1
1.4	16QAM	1	3	22.72	22.78	23.17		
1.4	16QAM	1	5	22.87	22.70	23.23		
1.4	16QAM	3	0	22.66	22.96	22.72		
1.4	16QAM	3	1	22.69	22.46	22.98		
1.4	16QAM	3	3	22.63	22.60	22.56		
1.4	16QAM	6	0	21.73	21.66	21.68	23	2
1.4	64QAM	1	0	21.48	21.85	21.64	23	2
1.4	64QAM	1	3	21.59	21.71	21.91		
1.4	64QAM	1	5	21.77	21.62	21.94		
1.4	64QAM	3	0	21.77	21.76	21.51		
1.4	64QAM	3	1	21.56	21.74	21.64		
1.4	64QAM	3	3	21.55	21.87	21.52		
1.4	64QAM	6	0	20.51	20.52	20.48	22	3

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		23.77		25	0
10	QPSK	1	25		23.67			
10	QPSK	1	49		23.58			
10	QPSK	25	0		22.71		24	1
10	QPSK	25	12		22.68			
10	QPSK	25	25		22.60			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.98			
10	16QAM	1	49		22.99			
10	16QAM	25	0		21.59		23	2
10	16QAM	25	12		21.76			
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.73			
10	64QAM	1	0		21.77		23	2
10	64QAM	1	25		22.09			
10	64QAM	1	49		22.06			
10	64QAM	25	0		20.83		22	3
10	64QAM	25	12		20.75			
10	64QAM	25	25		20.67			
10	64QAM	50	0		20.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.65	23.66	23.67	25	0
5	QPSK	1	12	23.74	23.70	23.72		
5	QPSK	1	24	23.64	23.68	23.69		
5	QPSK	12	0	22.62	22.60	22.67	24	1
5	QPSK	12	7	22.74	22.67	22.82		
5	QPSK	12	13	22.82	22.72	22.64		
5	QPSK	25	0	22.75	22.66	22.63		
5	16QAM	1	0	23.24	23.02	23.16	24	1
5	16QAM	1	12	23.17	23.08	23.11		
5	16QAM	1	24	23.12	23.06	23.15		
5	16QAM	12	0	21.60	21.73	21.76	23	2
5	16QAM	12	7	21.73	21.83	21.75		
5	16QAM	12	13	21.74	21.63	21.61		
5	16QAM	25	0	21.81	21.58	21.68		
5	64QAM	1	0	22.11	21.91	21.73	23	2
5	64QAM	1	12	21.65	22.12	22.01		
5	64QAM	1	24	21.90	21.75	21.97		
5	64QAM	12	0	20.61	20.61	20.78	22	3
5	64QAM	12	7	20.69	20.82	20.81		
5	64QAM	12	13	20.71	20.68	20.77		
5	64QAM	25	0	20.67	20.66	20.70		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.54	23.62	23.52	25	0
10	QPSK	1	25	23.60	23.54	23.51		
10	QPSK	1	49	23.55	23.44	23.58		
10	QPSK	25	0	22.65	22.77	22.59	24	1
10	QPSK	25	12	22.74	22.69	22.64		
10	QPSK	25	25	22.60	22.66	22.68		
10	QPSK	50	0	22.73	22.74	22.69		
10	16QAM	1	0	22.61	22.54	23.09	24	1
10	16QAM	1	25	22.57	22.75	23.28		
10	16QAM	1	49	22.91	22.71	23.04		
10	16QAM	25	0	21.60	21.62	21.63	23	2
10	16QAM	25	12	21.75	21.57	21.72		
10	16QAM	25	25	21.54	21.62	21.56		
10	16QAM	50	0	21.67	21.66	21.55		
10	64QAM	1	0	21.67	21.85	21.60	23	2
10	64QAM	1	25	22.20	21.75	21.71		
10	64QAM	1	49	21.65	21.79	21.71		
10	64QAM	25	0	20.65	20.52	20.56	22	3
10	64QAM	25	12	20.82	20.68	20.75		
10	64QAM	25	25	20.59	20.79	20.53		
10	64QAM	50	0	20.68	20.51	20.63		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.60	23.61	23.56	25	0
5	QPSK	1	12	23.60	23.61	23.58		
5	QPSK	1	24	23.58	23.50	23.46		
5	QPSK	12	0	22.60	22.69	22.63	24	1
5	QPSK	12	7	22.63	22.61	22.68		
5	QPSK	12	13	22.57	22.63	22.63		
5	QPSK	25	0	22.62	22.54	22.56		
5	16QAM	1	0	22.91	23.08	22.72	24	1
5	16QAM	1	12	22.97	22.90	23.00		
5	16QAM	1	24	22.77	22.71	22.69		
5	16QAM	12	0	21.54	21.63	21.52	23	2
5	16QAM	12	7	21.85	21.66	21.69		
5	16QAM	12	13	21.73	21.55	21.72		
5	16QAM	25	0	21.66	21.60	21.52		
5	64QAM	1	0	21.96	21.94	21.78	23	2
5	64QAM	1	12	21.81	21.77	21.74		
5	64QAM	1	24	21.58	21.23	21.88		
5	64QAM	12	0	20.58	20.73	20.78	22	3
5	64QAM	12	7	20.55	20.70	20.71		
5	64QAM	12	13	20.59	20.53	20.62		
5	64QAM	25	0	20.67	20.59	20.57		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.68		25	0
15	QPSK	1	37		23.43			
15	QPSK	1	74		23.50			
15	QPSK	36	0		22.68		24	1
15	QPSK	36	20		22.64			
15	QPSK	36	39		22.45			
15	QPSK	75	0		22.47			
15	16QAM	1	0		22.81		24	1
15	16QAM	1	37		23.14			
15	16QAM	1	74		22.99			
15	16QAM	36	0		21.53		23	2
15	16QAM	36	20		21.68			
15	16QAM	36	39		21.55			
15	16QAM	75	0		21.56			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		22.09			
15	64QAM	1	74		22.00			
15	64QAM	36	0		20.55		22	3
15	64QAM	36	20		20.59			
15	64QAM	36	39		20.65			
15	64QAM	75	0		20.57			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.44	23.52	23.55	25	0
10	QPSK	1	25	23.47	23.50	23.58		
10	QPSK	1	49	23.54	23.45	23.34		
10	QPSK	25	0	22.48	22.54	22.62	24	1
10	QPSK	25	12	22.61	22.56	22.59		
10	QPSK	25	25	22.54	22.52	22.53		
10	QPSK	50	0	22.64	22.54	22.64		
10	16QAM	1	0	22.70	22.88	22.95	24	1
10	16QAM	1	25	22.75	23.21	23.04		
10	16QAM	1	49	23.04	22.89	22.79		
10	16QAM	25	0	21.56	21.64	21.62	23	2
10	16QAM	25	12	21.63	21.54	21.73		
10	16QAM	25	25	21.58	21.57	21.66		
10	16QAM	50	0	21.58	21.44	21.62		
10	64QAM	1	0	21.80	22.02	21.59	23	2
10	64QAM	1	25	21.74	22.03	21.99		
10	64QAM	1	49	21.61	21.85	21.70		
10	64QAM	25	0	20.49	20.54	20.57	22	3
10	64QAM	25	12	20.62	20.59	20.66		
10	64QAM	25	25	20.58	20.64	20.56		
10	64QAM	50	0	20.65	20.58	20.64		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.51	23.51	23.61	25	0
5	QPSK	1	12	23.53	23.47	23.55		
5	QPSK	1	24	23.51	23.50	23.57		
5	QPSK	12	0	22.50	22.53	22.53	24	1
5	QPSK	12	7	22.59	22.59	22.64		
5	QPSK	12	13	22.56	22.63	22.54		
5	QPSK	25	0	22.57	22.52	22.55		
5	16QAM	1	0	22.35	22.77	22.59	24	1
5	16QAM	1	12	22.83	23.00	23.03		
5	16QAM	1	24	22.55	23.11	22.98		
5	16QAM	12	0	21.62	21.45	21.50	23	2
5	16QAM	12	7	21.57	21.69	21.68		
5	16QAM	12	13	21.59	21.67	21.70		
5	16QAM	25	0	21.58	21.53	21.52		
5	64QAM	1	0	21.60	21.83	21.82	23	2
5	64QAM	1	12	21.73	21.44	21.99		
5	64QAM	1	24	21.40	21.71	22.04		
5	64QAM	12	0	20.67	20.64	20.43	22	3
5	64QAM	12	7	20.66	20.62	20.73		
5	64QAM	12	13	20.60	20.64	20.69		
5	64QAM	25	0	20.60	20.56	20.52		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.86		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.56			
15	QPSK	36	0		22.71		24	1
15	QPSK	36	20		22.66			
15	QPSK	36	39		22.60			
15	QPSK	75	0		22.54			
15	16QAM	1	0		22.89		24	1
15	16QAM	1	37		22.69			
15	16QAM	1	74		22.91			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.76			
15	16QAM	36	39		21.76			
15	16QAM	75	0		21.55			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		21.93			
15	64QAM	1	74		21.99			
15	64QAM	36	0		20.77		22	3
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.68			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.75	23.62	23.69	25	0
10	QPSK	1	25	23.75	23.63	23.68		
10	QPSK	1	49	23.62	23.67	23.55		
10	QPSK	25	0	22.72	22.73	22.67	24	1
10	QPSK	25	12	22.86	22.67	22.82		
10	QPSK	25	25	22.85	22.75	22.73		
10	QPSK	50	0	22.79	22.71	22.82		
10	16QAM	1	0	23.12	23.01	23.13	24	1
10	16QAM	1	25	23.02	22.95	23.20		
10	16QAM	1	49	23.44	23.18	23.20		
10	16QAM	25	0	21.72	21.77	21.65	23	2
10	16QAM	25	12	21.81	21.75	21.80		
10	16QAM	25	25	21.71	21.75	21.81		
10	16QAM	50	0	21.70	21.84	21.74		
10	64QAM	1	0	21.89	21.52	22.16	23	2
10	64QAM	1	25	21.89	21.83	21.96		
10	64QAM	1	49	21.60	21.39	22.28		
10	64QAM	25	0	20.77	20.60	20.66	22	3
10	64QAM	25	12	20.80	20.77	20.83		
10	64QAM	25	25	20.76	20.83	20.74		
10	64QAM	50	0	20.75	20.70	20.84		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.61	23.68	23.70	25	0
5	QPSK	1	12	23.84	23.80	23.76		
5	QPSK	1	24	23.75	23.63	23.61		
5	QPSK	12	0	22.65	22.61	22.71	24	1
5	QPSK	12	7	22.75	22.78	22.74		
5	QPSK	12	13	22.74	22.70	22.71		
5	QPSK	25	0	22.67	22.66	22.62		
5	16QAM	1	0	22.89	23.36	23.13	24	1
5	16QAM	1	12	23.11	23.32	23.22		
5	16QAM	1	24	23.03	22.94	23.09		
5	16QAM	12	0	21.67	21.62	21.70	23	2
5	16QAM	12	7	21.84	21.78	21.80		
5	16QAM	12	13	21.72	21.82	21.74		
5	16QAM	25	0	21.72	21.70	21.66		
5	64QAM	1	0	22.16	21.98	22.18	23	2
5	64QAM	1	12	21.96	21.89	22.00		
5	64QAM	1	24	21.74	22.21	22.37		
5	64QAM	12	0	20.59	20.73	20.61	22	3
5	64QAM	12	7	20.72	20.87	20.89		
5	64QAM	12	13	20.73	20.80	20.72		
5	64QAM	25	0	20.65	20.77	20.70		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.61		25	0
15	QPSK	1	37		23.53			
15	QPSK	1	74		23.33			
15	QPSK	36	0		22.40		24	1
15	QPSK	36	20		22.36			
15	QPSK	36	39		22.37			
15	QPSK	75	0		22.35			
15	16QAM	1	0		22.52		24	1
15	16QAM	1	37		22.93			
15	16QAM	1	74		22.20			
15	16QAM	36	0		21.55		23	2
15	16QAM	36	20		21.39			
15	16QAM	36	39		21.39			
15	16QAM	75	0		21.41			
15	64QAM	1	0		21.50		23	2
15	64QAM	1	37		21.87			
15	64QAM	1	74		21.54			
15	64QAM	36	0		20.32		22	3
15	64QAM	36	20		20.47			
15	64QAM	36	39		20.44			
15	64QAM	75	0		20.32			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.48	23.60	23.38	25	0
10	QPSK	1	25	23.55	23.50	23.54		
10	QPSK	1	49	23.36	23.45	23.49		
10	QPSK	25	0	22.51	22.54	22.54	24	1
10	QPSK	25	12	22.64	22.52	22.52		
10	QPSK	25	25	22.64	22.58	22.56		
10	QPSK	50	0	22.61	22.59	22.46		
10	16QAM	1	0	23.06	23.28	23.01	24	1
10	16QAM	1	25	22.92	22.87	23.18		
10	16QAM	1	49	22.92	22.86	23.21		
10	16QAM	25	0	21.60	21.57	21.61	23	2
10	16QAM	25	12	21.70	21.64	21.53		
10	16QAM	25	25	21.71	21.63	21.61		
10	16QAM	50	0	21.61	21.53	21.45		
10	64QAM	1	0	21.89	21.86	21.64	23	2
10	64QAM	1	25	21.58	21.94	21.99		
10	64QAM	1	49	21.99	21.67	21.89		
10	64QAM	25	0	20.53	20.51	20.61	22	3
10	64QAM	25	12	20.62	20.50	20.59		
10	64QAM	25	25	20.61	20.66	20.62		
10	64QAM	50	0	20.62	20.63	20.55		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.57	23.52	23.53	25	0
5	QPSK	1	12	23.53	23.48	23.52		
5	QPSK	1	24	23.40	23.35	23.57		
5	QPSK	12	0	22.50	22.51	22.50	24	1
5	QPSK	12	7	22.53	22.65	22.58		
5	QPSK	12	13	22.55	22.59	22.57		
5	QPSK	25	0	22.60	22.55	22.50		
5	16QAM	1	0	22.70	22.63	23.09	24	1
5	16QAM	1	12	22.83	22.94	23.16		
5	16QAM	1	24	22.66	22.95	23.15		
5	16QAM	12	0	21.45	21.53	21.56	23	2
5	16QAM	12	7	21.58	21.70	21.58		
5	16QAM	12	13	21.63	21.68	21.69		
5	16QAM	25	0	21.59	21.53	21.55		
5	64QAM	1	0	21.70	21.68	21.82	23	2
5	64QAM	1	12	21.34	21.50	21.91		
5	64QAM	1	24	21.83	21.82	21.70		
5	64QAM	12	0	20.39	20.65	20.61	22	3
5	64QAM	12	7	20.66	20.68	20.55		
5	64QAM	12	13	20.52	20.57	20.55		
5	64QAM	25	0	20.63	20.60	20.51		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.70		25	0
15	QPSK	1	37		23.50			
15	QPSK	1	74		23.34			
15	QPSK	36	0		22.64		24	1
15	QPSK	36	20		22.51			
15	QPSK	36	39		22.63			
15	QPSK	75	0		22.52			
15	16QAM	1	0		23.00		24	1
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.81			
15	16QAM	36	0		21.56		23	2
15	16QAM	36	20		21.67			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.87		23	2
15	64QAM	1	37		21.46			
15	64QAM	1	74		21.18			
15	64QAM	36	0		20.51		22	3
15	64QAM	36	20		20.62			
15	64QAM	36	39		20.61			
15	64QAM	75	0		20.43			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.62	23.65	23.53	25	0
10	QPSK	1	25	23.54	23.63	23.62		
10	QPSK	1	49	23.60	23.57	23.53		
10	QPSK	25	0	22.76	22.68	22.71	24	1
10	QPSK	25	12	22.78	22.66	22.74		
10	QPSK	25	25	22.85	22.79	22.79		
10	QPSK	50	0	22.76	22.71	22.70		
10	16QAM	1	0	23.27	23.44	23.15	24	1
10	16QAM	1	25	23.18	23.29	22.80		
10	16QAM	1	49	23.01	23.03	23.01		
10	16QAM	25	0	21.73	21.80	21.70	23	2
10	16QAM	25	12	21.82	21.83	21.68		
10	16QAM	25	25	21.88	21.72	21.77		
10	16QAM	50	0	21.76	21.70	21.62		
10	64QAM	1	0	22.25	22.07	21.16	23	2
10	64QAM	1	25	22.10	22.22	21.71		
10	64QAM	1	49	21.62	21.95	21.48		
10	64QAM	25	0	20.65	20.69	20.64	22	3
10	64QAM	25	12	20.78	20.75	20.68		
10	64QAM	25	25	20.86	20.78	20.79		
10	64QAM	50	0	20.78	20.67	20.71		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.60	23.55	23.64	25	0
5	QPSK	1	12	23.67	23.69	23.61		
5	QPSK	1	24	23.61	23.65	23.62		
5	QPSK	12	0	22.63	22.70	22.66	24	1
5	QPSK	12	7	22.79	22.83	22.78		
5	QPSK	12	13	22.63	22.72	22.71		
5	QPSK	25	0	22.68	22.75	22.72		
5	16QAM	1	0	22.88	22.44	22.96	24	1
5	16QAM	1	12	22.55	23.22	22.88		
5	16QAM	1	24	22.62	22.98	22.56		
5	16QAM	12	0	21.74	21.73	21.68	23	2
5	16QAM	12	7	21.78	21.91	21.93		
5	16QAM	12	13	21.67	21.87	21.82		
5	16QAM	25	0	21.71	21.67	21.73		
5	64QAM	1	0	21.80	21.69	21.86	23	2
5	64QAM	1	12	22.25	22.13	22.08		
5	64QAM	1	24	21.77	21.62	22.11		
5	64QAM	12	0	20.68	20.68	20.59	22	3
5	64QAM	12	7	20.75	20.68	20.88		
5	64QAM	12	13	20.69	20.63	20.77		
5	64QAM	25	0	20.71	20.67	20.67		

Band 26_Ant 11

BW [MHz]	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	22.49	22.55	22.46	24	0
15	QPSK	1	37	22.41	22.51	22.38		
15	QPSK	1	74	22.36	22.39	22.44		
15	QPSK	36	0	21.60	21.63	21.58	23	1
15	QPSK	36	20	21.58	21.58	21.48		
15	QPSK	36	39	21.52	21.62	21.40		
15	QPSK	75	0	21.64	21.65	21.52		
15	16QAM	1	0	21.68	21.99	21.80	23	1
15	16QAM	1	37	22.06	21.73	22.05		
15	16QAM	1	74	21.67	21.48	21.87		
15	16QAM	36	0	20.60	20.65	20.49	22	2
15	16QAM	36	20	20.71	20.48	20.46		
15	16QAM	36	39	20.54	20.76	20.65		
15	16QAM	75	0	20.63	20.59	20.53		
15	64QAM	1	0	20.48	20.68	20.61	22	2
15	64QAM	1	37	20.69	21.03	20.87		
15	64QAM	1	74	20.44	20.78	20.64		
15	64QAM	36	0	19.71	19.55	19.55	21	3
15	64QAM	36	20	19.60	19.59	19.41		
15	64QAM	36	39	19.64	19.59	19.42		
15	64QAM	75	0	19.63	19.64	19.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.41	22.41	24	0
10	QPSK	1	25	22.41	22.41	22.46		
10	QPSK	1	49	22.49	22.36	22.25		
10	QPSK	25	0	21.72	21.71	21.56	23	1
10	QPSK	25	12	21.72	21.71	21.62		
10	QPSK	25	25	21.80	21.71	21.63		
10	QPSK	50	0	21.71	21.77	21.65		
10	16QAM	1	0	22.03	22.03	22.35	23	1
10	16QAM	1	25	21.80	22.35	22.12		
10	16QAM	1	49	21.96	22.35	22.23		
10	16QAM	25	0	20.58	20.75	20.68	22	2
10	16QAM	25	12	20.67	20.66	20.66		
10	16QAM	25	25	20.71	20.77	20.77		
10	16QAM	50	0	20.78	20.73	20.60		
10	64QAM	1	0	20.60	20.86	20.82	22	2
10	64QAM	1	25	20.67	21.04	20.82		
10	64QAM	1	49	20.85	20.91	20.59		
10	64QAM	25	0	19.64	19.70	19.62	21	3
10	64QAM	25	12	19.75	19.68	19.54		
10	64QAM	25	25	19.71	19.66	19.56		
10	64QAM	50	0	19.66	19.63	19.58		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.45	22.40	24	0
5	QPSK	1	12	22.49	22.45	22.53		
5	QPSK	1	24	22.33	22.29	22.34		
5	QPSK	12	0	21.69	21.66	21.51	23	1
5	QPSK	12	7	21.76	21.69	21.68		
5	QPSK	12	13	21.76	21.72	21.61		
5	QPSK	25	0	21.66	21.62	21.61		
5	16QAM	1	0	22.09	22.04	22.16	23	1
5	16QAM	1	12	21.86	22.24	22.16		
5	16QAM	1	24	22.07	22.01	21.89		
5	16QAM	12	0	20.73	20.61	20.49	22	2
5	16QAM	12	7	20.83	20.74	20.60		
5	16QAM	12	13	20.62	20.81	20.70		
5	16QAM	25	0	20.65	20.66	20.60		
5	64QAM	1	0	21.16	20.70	20.89	22	2
5	64QAM	1	12	20.85	20.90	20.71		
5	64QAM	1	24	21.13	21.05	20.93		
5	64QAM	12	0	19.54	19.63	19.57	21	3
5	64QAM	12	7	19.76	19.59	19.84		
5	64QAM	12	13	19.77	19.58	19.66		
5	64QAM	25	0	19.77	19.60	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.28	22.18	24	0
3	QPSK	1	8	22.40	22.52	22.24		
3	QPSK	1	14	22.46	22.33	22.17		
3	QPSK	8	0	21.65	21.60	21.53	23	1
3	QPSK	8	4	21.73	21.76	21.61		
3	QPSK	8	7	21.64	21.74	21.53		
3	QPSK	15	0	21.60	21.71	21.55		
3	16QAM	1	0	22.14	22.01	22.11	23	1
3	16QAM	1	8	22.35	21.92	21.88		
3	16QAM	1	14	21.96	22.15	21.95		
3	16QAM	8	0	20.97	20.53	20.58	22	2
3	16QAM	8	4	20.82	20.89	20.73		
3	16QAM	8	7	20.81	20.73	20.55		
3	16QAM	15	0	20.62	20.69	20.56		
3	64QAM	1	0	21.03	21.11	20.69	22	2
3	64QAM	1	8	20.66	21.27	20.95		
3	64QAM	1	14	20.72	20.90	20.92		
3	64QAM	8	0	19.63	19.75	19.48	21	3
3	64QAM	8	4	19.84	19.86	19.70		
3	64QAM	8	7	19.72	19.74	19.51		
3	64QAM	15	0	19.79	19.64	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.38	22.41	22.41	24	0
1.4	QPSK	1	3	22.42	22.43	22.31		
1.4	QPSK	1	5	22.38	22.51	22.40		
1.4	QPSK	3	0	22.50	22.43	22.41		
1.4	QPSK	3	1	22.47	22.37	22.36		
1.4	QPSK	3	3	22.40	22.49	22.32		
1.4	QPSK	6	0	21.67	21.58	21.56	23	1
1.4	16QAM	1	0	21.95	21.98	21.80	23	1
1.4	16QAM	1	3	21.43	22.09	21.79		
1.4	16QAM	1	5	22.07	21.73	21.78		
1.4	16QAM	3	0	21.83	21.76	21.62		
1.4	16QAM	3	1	21.96	21.79	21.57		
1.4	16QAM	3	3	21.78	21.80	21.63		
1.4	16QAM	6	0	20.65	20.64	20.63	22	2
1.4	64QAM	1	0	20.24	20.37	20.67	22	2
1.4	64QAM	1	3	20.89	20.76	20.66		
1.4	64QAM	1	5	20.83	20.67	20.77		
1.4	64QAM	3	0	20.75	20.52	20.64		
1.4	64QAM	3	1	20.76	20.74	20.70		
1.4	64QAM	3	3	20.68	20.84	20.75		
1.4	64QAM	6	0	19.64	19.58	19.45	21	3

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.45	23.56	23.36	24.5	0
20	QPSK	1	49	23.32	23.24	23.23		
20	QPSK	1	99	23.25	22.95	23.00		
20	QPSK	50	0	22.21	22.32	22.09	23.5	1
20	QPSK	50	24	22.09	22.10	22.07		
20	QPSK	50	50	22.03	22.09	21.97		
20	QPSK	100	0	22.12	22.23	22.01		
20	16QAM	1	0	22.80	22.81	22.96	23.5	1
20	16QAM	1	49	22.48	22.85	22.65		
20	16QAM	1	99	22.90	22.29	22.64		
20	16QAM	50	0	21.51	21.43	21.24	22.5	2
20	16QAM	50	24	21.48	21.28	21.28		
20	16QAM	50	50	21.48	21.24	21.29		
20	16QAM	100	0	21.48	21.33	21.38		
20	64QAM	1	0	21.53	21.85	21.66	22.5	2
20	64QAM	1	49	21.53	21.53	21.47		
20	64QAM	1	99	21.71	21.22	21.41		
20	64QAM	50	0	20.51	20.40	20.22	21.5	3
20	64QAM	50	24	20.52	20.44	20.26		
20	64QAM	50	50	20.45	20.44	20.27		
20	64QAM	100	0	20.40	20.38	20.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.29	23.20	23.11	24.5	0
15	QPSK	1	37	23.30	23.36	22.95		
15	QPSK	1	74	23.15	22.93	22.95		
15	QPSK	36	0	22.29	22.22	22.11	23.5	1
15	QPSK	36	20	22.25	22.16	22.05		
15	QPSK	36	39	22.31	22.13	22.10		
15	QPSK	75	0	22.28	22.13	22.05		
15	16QAM	1	0	22.63	22.82	22.79	23.5	1
15	16QAM	1	37	22.80	22.50	22.44		
15	16QAM	1	74	22.72	22.49	22.14		
15	16QAM	36	0	21.51	21.39	21.30	22.5	2
15	16QAM	36	20	21.46	21.45	21.28		
15	16QAM	36	39	21.43	21.43	21.31		
15	16QAM	75	0	21.52	21.44	21.27		
15	64QAM	1	0	21.79	21.64	21.12	22.5	2
15	64QAM	1	37	21.74	21.63	21.41		
15	64QAM	1	74	21.26	21.54	21.41		
15	64QAM	36	0	20.41	20.49	20.42	21.5	3
15	64QAM	36	20	20.54	20.45	20.25		
15	64QAM	36	39	20.46	20.40	20.36		
15	64QAM	75	0	20.47	20.37	20.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.18	23.36	23.05	24.5	0
10	QPSK	1	25	23.24	23.17	23.12		
10	QPSK	1	49	23.23	23.12	23.07		
10	QPSK	25	0	22.47	22.32	22.15	23.5	1
10	QPSK	25	12	22.50	22.34	22.16		
10	QPSK	25	25	22.30	22.33	22.23		
10	QPSK	50	0	22.43	22.18	22.18		
10	16QAM	1	0	22.87	22.77	22.63	23.5	1
10	16QAM	1	25	23.19	23.16	22.77		
10	16QAM	1	49	22.51	23.03	22.72		
10	16QAM	25	0	21.60	21.54	21.47	22.5	2
10	16QAM	25	12	21.60	21.65	21.39		
10	16QAM	25	25	21.47	21.53	21.43		
10	16QAM	50	0	21.74	21.53	21.35		
10	64QAM	1	0	21.90	21.89	21.31	22.5	2
10	64QAM	1	25	21.65	21.95	21.64		
10	64QAM	1	49	21.80	21.39	21.46		
10	64QAM	25	0	20.65	20.58	20.30	21.5	3
10	64QAM	25	12	20.58	20.63	20.42		
10	64QAM	25	25	20.66	20.44	20.46		
10	64QAM	50	0	20.63	20.45	20.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.23	24.5	0
5	QPSK	1	12	23.32	23.27	23.21		
5	QPSK	1	24	23.25	23.26	23.22		
5	QPSK	12	0	22.43	22.32	22.27	23.5	1
5	QPSK	12	7	22.29	22.38	22.25		
5	QPSK	12	13	22.41	22.33	22.26		
5	QPSK	25	0	22.38	22.33	22.23		
5	16QAM	1	0	22.95	22.92	22.91	23.5	1
5	16QAM	1	12	22.83	22.65	22.49		
5	16QAM	1	24	23.06	22.96	22.69		
5	16QAM	12	0	21.57	21.54	21.45	22.5	2
5	16QAM	12	7	21.69	21.61	21.38		
5	16QAM	12	13	21.54	21.60	21.44		
5	16QAM	25	0	21.52	21.58	21.46		
5	64QAM	1	0	21.72	21.25	21.64	22.5	2
5	64QAM	1	12	21.55	21.33	21.56		
5	64QAM	1	24	21.56	21.45	21.26		
5	64QAM	12	0	20.59	20.55	20.45	21.5	3
5	64QAM	12	7	20.73	20.58	20.48		
5	64QAM	12	13	20.66	20.56	20.41		
5	64QAM	25	0	20.62	20.51	20.48		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.31	23.38	23.18	24.5	0
3	QPSK	1	8	23.19	23.19	23.05		
3	QPSK	1	14	23.13	23.17	23.17		
3	QPSK	8	0	22.33	22.22	22.17	23.5	1
3	QPSK	8	4	22.18	22.26	22.16		
3	QPSK	8	7	22.29	22.21	22.20		
3	QPSK	15	0	22.27	22.17	22.17		
3	16QAM	1	0	22.89	22.83	22.85	23.5	1
3	16QAM	1	8	22.92	22.50	22.36		
3	16QAM	1	14	22.98	22.93	22.62		
3	16QAM	8	0	21.50	21.39	21.37	22.5	2
3	16QAM	8	4	21.63	21.51	21.33		
3	16QAM	8	7	21.38	21.48	21.31		
3	16QAM	15	0	21.45	21.43	21.33		
3	64QAM	1	0	21.65	21.16	21.52	22.5	2
3	64QAM	1	8	21.39	21.28	21.63		
3	64QAM	1	14	21.65	21.30	21.12		
3	64QAM	8	0	20.43	20.47	20.31	21.5	3
3	64QAM	8	4	20.64	20.47	20.35		
3	64QAM	8	7	20.53	20.41	20.28		
3	64QAM	15	0	20.56	20.35	20.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.16	23.31	23.09	24.5	0
1.4	QPSK	1	3	23.06	23.09	23.00		
1.4	QPSK	1	5	23.07	23.08	23.10		
1.4	QPSK	3	0	23.17	23.11	23.07		
1.4	QPSK	3	1	23.06	23.13	23.03		
1.4	QPSK	3	3	23.23	23.08	23.10		
1.4	QPSK	6	0	22.22	22.12	22.07	23.5	1
1.4	16QAM	1	0	22.82	22.67	22.72	23.5	1
1.4	16QAM	1	3	22.82	22.40	22.29		
1.4	16QAM	1	5	22.88	22.53	22.50		
1.4	16QAM	3	0	22.45	22.26	22.24		
1.4	16QAM	3	1	22.49	22.44	22.24		
1.4	16QAM	3	3	22.26	22.39	22.19		
1.4	16QAM	6	0	21.31	21.36	21.27	22.5	2
1.4	64QAM	1	0	21.56	21.00	21.36	22.5	2
1.4	64QAM	1	3	21.27	21.20	21.32		
1.4	64QAM	1	5	21.52	21.18	21.04		
1.4	64QAM	3	0	21.30	21.42	21.25		
1.4	64QAM	3	1	21.53	21.42	21.20		
1.4	64QAM	3	3	21.40	21.28	21.23		
1.4	64QAM	6	0	20.48	20.28	20.26	21.5	3

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.64	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.57	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.82		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	24	1
1.4	16QAM	1	0	22.72	22.65	22.88	24	1
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	23	2
1.4	64QAM	1	0	21.75	21.63	21.62	23	2
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	22	3

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.61	23.65	23.58	24.5	0
20	QPSK	1	49	23.44	23.58	23.37		
20	QPSK	1	99	23.39	23.29	23.21		
20	QPSK	50	0	22.45	22.48	22.43	23.5	1
20	QPSK	50	24	22.37	22.42	22.27		
20	QPSK	50	50	22.40	22.39	22.27		
20	QPSK	100	0	22.21	22.29	22.12		
20	16QAM	1	0	22.63	22.79	22.56	23.5	1
20	16QAM	1	49	22.46	22.88	22.65		
20	16QAM	1	99	22.76	22.73	22.52		
20	16QAM	50	0	21.37	21.59	21.34	22.5	2
20	16QAM	50	24	21.52	21.35	21.28		
20	16QAM	50	50	21.34	21.39	21.25		
20	16QAM	100	0	21.43	21.30	21.39		
20	64QAM	1	0	21.85	21.72	21.74	22.5	2
20	64QAM	1	49	21.54	21.27	21.64		
20	64QAM	1	99	21.73	21.69	21.51		
20	64QAM	50	0	20.47	20.46	20.39	21.5	3
20	64QAM	50	24	20.48	20.51	20.26		
20	64QAM	50	50	20.35	20.36	20.28		
20	64QAM	100	0	20.46	20.42	20.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.42	23.53	23.23	24.5	0
15	QPSK	1	37	23.45	23.35	23.53		
15	QPSK	1	74	23.32	23.25	23.25		
15	QPSK	36	0	22.34	22.38	22.34	23.5	1
15	QPSK	36	20	22.41	22.42	22.25		
15	QPSK	36	39	22.44	22.44	22.23		
15	QPSK	75	0	22.38	22.36	22.39		
15	16QAM	1	0	22.36	22.71	22.69	23.5	1
15	16QAM	1	37	22.54	22.74	22.72		
15	16QAM	1	74	22.59	22.50	22.77		
15	16QAM	36	0	21.48	21.46	21.22	22.5	2
15	16QAM	36	20	21.46	21.44	21.26		
15	16QAM	36	39	21.43	21.43	21.23		
15	16QAM	75	0	21.47	21.40	21.22		
15	64QAM	1	0	21.55	21.99	21.70	22.5	2
15	64QAM	1	37	21.78	21.60	21.34		
15	64QAM	1	74	21.76	21.46	21.36		
15	64QAM	36	0	20.38	20.60	20.40	21.5	3
15	64QAM	36	20	20.47	20.55	20.29		
15	64QAM	36	39	20.45	20.42	20.22		
15	64QAM	75	0	20.45	20.43	20.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.41	23.57	23.32	24.5	0
10	QPSK	1	25	23.39	23.56	23.35		
10	QPSK	1	49	23.50	23.44	23.26		
10	QPSK	25	0	22.53	22.56	22.41	23.5	1
10	QPSK	25	12	22.48	22.55	22.41		
10	QPSK	25	25	22.48	22.58	22.39		
10	QPSK	50	0	22.51	22.49	22.35		
10	16QAM	1	0	22.75	22.54	23.07	23.5	1
10	16QAM	1	25	23.08	23.01	22.80		
10	16QAM	1	49	22.63	23.02	22.59		
10	16QAM	25	0	21.58	21.51	21.41	22.5	2
10	16QAM	25	12	21.48	21.62	21.34		
10	16QAM	25	25	21.53	21.59	21.30		
10	16QAM	50	0	21.47	21.50	21.30		
10	64QAM	1	0	21.41	21.97	21.95	22.5	2
10	64QAM	1	25	21.82	21.81	21.43		
10	64QAM	1	49	21.45	21.93	21.35		
10	64QAM	25	0	20.51	20.61	20.45	21.5	3
10	64QAM	25	12	20.57	20.62	20.29		
10	64QAM	25	25	20.52	20.52	20.36		
10	64QAM	50	0	20.53	20.42	20.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.53	23.44	23.41	24.5	0
5	QPSK	1	12	23.46	23.60	23.28		
5	QPSK	1	24	23.58	23.50	23.25		
5	QPSK	12	0	22.50	22.53	22.29	23.5	1
5	QPSK	12	7	22.57	22.53	22.33		
5	QPSK	12	13	22.45	22.64	22.34		
5	QPSK	25	0	22.41	22.47	22.34		
5	16QAM	1	0	22.37	22.90	22.56	23.5	1
5	16QAM	1	12	22.77	22.81	22.30		
5	16QAM	1	24	22.53	22.81	22.80		
5	16QAM	12	0	21.55	21.57	21.39	22.5	2
5	16QAM	12	7	21.56	21.67	21.43		
5	16QAM	12	13	21.46	21.51	21.37		
5	16QAM	25	0	21.51	21.49	21.34		
5	64QAM	1	0	21.79	21.73	21.06	22.5	2
5	64QAM	1	12	21.52	21.58	21.73		
5	64QAM	1	24	21.55	21.74	21.66		
5	64QAM	12	0	20.57	20.55	20.37	21.5	3
5	64QAM	12	7	20.54	20.68	20.31		
5	64QAM	12	13	20.43	20.52	20.42		
5	64QAM	25	0	20.47	20.45	20.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.37	23.61	23.28	24.5	0
3	QPSK	1	8	23.49	23.50	23.25		
3	QPSK	1	14	23.40	23.56	23.06		
3	QPSK	8	0	22.47	22.56	22.40	23.5	1
3	QPSK	8	4	22.44	22.57	22.38		
3	QPSK	8	7	22.43	22.53	22.38		
3	QPSK	15	0	22.42	22.53	22.31		
3	16QAM	1	0	22.93	22.56	22.69	23.5	1
3	16QAM	1	8	22.80	22.41	22.38		
3	16QAM	1	14	22.61	22.62	22.61		
3	16QAM	8	0	21.48	21.60	21.44	22.5	2
3	16QAM	8	4	21.58	21.67	21.36		
3	16QAM	8	7	21.64	21.65	21.45		
3	16QAM	15	0	21.46	21.52	21.31		
3	64QAM	1	0	21.59	21.70	21.66	22.5	2
3	64QAM	1	8	21.44	21.85	21.85		
3	64QAM	1	14	21.62	21.93	21.69		
3	64QAM	8	0	20.66	20.50	20.34	21.5	3
3	64QAM	8	4	20.69	20.66	20.28		
3	64QAM	8	7	20.47	20.60	20.22		
3	64QAM	15	0	20.42	20.58	20.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.44	23.40	23.40	24.5	0
1.4	QPSK	1	3	23.44	23.60	23.19		
1.4	QPSK	1	5	23.35	23.61	23.30		
1.4	QPSK	3	0	23.50	23.36	23.39		
1.4	QPSK	3	1	23.34	23.52	23.35		
1.4	QPSK	3	3	23.56	23.48	23.35		
1.4	QPSK	6	0	22.43	22.51	22.36	23.5	1
1.4	16QAM	1	0	22.78	22.96	22.68	23.5	1
1.4	16QAM	1	3	22.84	23.03	22.81		
1.4	16QAM	1	5	22.72	22.85	22.51		
1.4	16QAM	3	0	22.82	22.70	22.51		
1.4	16QAM	3	1	22.55	22.60	22.65		
1.4	16QAM	3	3	22.70	22.83	22.59		
1.4	16QAM	6	0	21.45	21.54	21.33	22.5	2
1.4	64QAM	1	0	21.53	21.98	21.41	22.5	2
1.4	64QAM	1	3	21.68	21.52	21.52		
1.4	64QAM	1	5	21.74	21.52	21.68		
1.4	64QAM	3	0	21.72	21.59	21.61		
1.4	64QAM	3	1	21.44	21.86	21.45		
1.4	64QAM	3	3	21.58	21.70	21.53		
1.4	64QAM	6	0	20.44	20.35	20.34	21.5	3

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.25	23.34	23.31	24.2	0
20	QPSK	1	49	23.21	23.32	23.28		
20	QPSK	1	99	23.12	23.28	23.21		
20	QPSK	50	0	22.37	22.39	22.35	23.2	1
20	QPSK	50	24	22.21	22.28	22.32		
20	QPSK	50	50	22.32	22.31	22.28		
20	QPSK	100	0	22.25	22.30	22.26		
20	16QAM	1	0	22.21	22.22	22.23	23.2	1
20	16QAM	1	49	22.27	22.38	22.31		
20	16QAM	1	99	22.56	22.31	22.10		
20	16QAM	50	0	21.39	21.34	21.33	22.2	2
20	16QAM	50	24	21.39	21.44	21.50		
20	16QAM	50	50	21.49	21.44	21.56		
20	16QAM	100	0	21.28	21.42	21.56		
20	64QAM	1	0	21.65	21.49	21.28	22.2	2
20	64QAM	1	49	21.66	21.20	21.14		
20	64QAM	1	99	21.23	21.29	21.59		
20	64QAM	50	0	20.31	20.32	20.40	21.2	3
20	64QAM	50	24	20.53	20.39	20.59		
20	64QAM	50	50	20.47	20.47	20.51		
20	64QAM	100	0	20.33	20.28	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.12	23.06	23.00	24.2	0
15	QPSK	1	37	23.27	23.32	23.19		
15	QPSK	1	74	23.20	23.14	23.08		
15	QPSK	36	0	22.23	22.10	22.24	23.2	1
15	QPSK	36	20	22.22	22.27	22.31		
15	QPSK	36	39	22.31	22.26	22.28		
15	QPSK	75	0	22.21	22.21	22.24		
15	16QAM	1	0	22.04	22.21	22.01	23.2	1
15	16QAM	1	37	22.30	22.30	22.46		
15	16QAM	1	74	22.63	22.02	22.27		
15	16QAM	36	0	21.36	21.44	21.27	22.2	2
15	16QAM	36	20	21.37	21.40	21.58		
15	16QAM	36	39	21.44	21.40	21.32		
15	16QAM	75	0	21.36	21.35	21.39		
15	64QAM	1	0	21.35	21.43	21.41	22.2	2
15	64QAM	1	37	21.66	21.02	21.21		
15	64QAM	1	74	21.05	21.15	21.43		
15	64QAM	36	0	20.34	20.34	20.44	21.2	3
15	64QAM	36	20	20.48	20.36	20.46		
15	64QAM	36	39	20.47	20.43	20.46		
15	64QAM	75	0	20.37	20.33	20.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.20	23.22	24.2	0
10	QPSK	1	25	23.22	23.31	23.21		
10	QPSK	1	49	23.26	23.21	23.32		
10	QPSK	25	0	22.27	22.32	22.31	23.2	1
10	QPSK	25	12	22.15	22.29	22.36		
10	QPSK	25	25	22.30	22.37	22.41		
10	QPSK	50	0	22.19	22.35	22.40		
10	16QAM	1	0	22.32	22.11	22.49	23.2	1
10	16QAM	1	25	22.29	22.43	22.17		
10	16QAM	1	49	22.60	22.70	22.48		
10	16QAM	25	0	21.39	21.46	21.42	22.2	2
10	16QAM	25	12	21.40	21.48	21.62		
10	16QAM	25	25	21.48	21.60	21.61		
10	16QAM	50	0	21.34	21.42	21.58		
10	64QAM	1	0	21.73	21.79	21.24	22.2	2
10	64QAM	1	25	21.63	21.73	21.40		
10	64QAM	1	49	21.18	21.12	21.13		
10	64QAM	25	0	20.32	20.40	20.50	21.2	3
10	64QAM	25	12	20.45	20.58	20.64		
10	64QAM	25	25	20.41	20.56	20.64		
10	64QAM	50	0	20.42	20.49	20.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.32	23.27	23.21	24.2	0
5	QPSK	1	12	23.31	23.28	23.30		
5	QPSK	1	24	23.29	23.26	23.25		
5	QPSK	12	0	22.41	22.26	22.33	23.2	1
5	QPSK	12	7	22.53	22.23	22.40		
5	QPSK	12	13	22.42	22.37	22.43		
5	QPSK	25	0	22.42	22.25	22.32		
5	16QAM	1	0	22.29	22.38	22.11	23.2	1
5	16QAM	1	12	22.44	22.28	22.53		
5	16QAM	1	24	22.47	22.56	22.24		
5	16QAM	12	0	21.55	21.39	21.48	22.2	2
5	16QAM	12	7	21.70	21.57	21.74		
5	16QAM	12	13	21.59	21.54	21.54		
5	16QAM	25	0	21.54	21.41	21.46		
5	64QAM	1	0	21.16	21.62	21.28	22.2	2
5	64QAM	1	12	21.74	21.56	21.68		
5	64QAM	1	24	21.48	21.25	21.56		
5	64QAM	12	0	20.60	20.54	20.55	21.2	3
5	64QAM	12	7	20.64	20.55	20.64		
5	64QAM	12	13	20.63	20.51	20.54		
5	64QAM	25	0	20.57	20.48	20.54		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.21	23.37	23.19	24.5	0
20	QPSK	1	49	23.21	23.11	23.20		
20	QPSK	1	99	23.19	23.21	23.06		
20	QPSK	50	0	22.33	22.48	22.33	23.5	1
20	QPSK	50	24	22.29	22.32	22.24		
20	QPSK	50	50	22.30	22.27	22.32		
20	QPSK	100	0	22.22	22.33	22.26		
20	16QAM	1	0	22.55	22.32	22.65	23.5	1
20	16QAM	1	49	22.60	22.29	22.62		
20	16QAM	1	99	22.42	22.37	22.65		
20	16QAM	50	0	21.32	21.35	21.44	22.5	2
20	16QAM	50	24	21.41	21.55	21.48		
20	16QAM	50	50	21.48	21.50	21.57		
20	16QAM	100	0	21.44	21.40	21.31		
20	64QAM	1	0	22.32	22.25	22.29	23.5	1
20	64QAM	1	49	22.31	22.48	22.49		
20	64QAM	1	99	22.45	22.45	22.43		
20	64QAM	50	0	21.35	21.47	21.35	22.5	2
20	64QAM	50	24	21.58	21.47	21.52		
20	64QAM	50	50	21.43	21.55	21.50		
20	64QAM	100	0	21.46	21.38	21.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.07	23.07	24.5	0
15	QPSK	1	37	23.18	23.36	23.24		
15	QPSK	1	74	23.21	23.05	23.10		
15	QPSK	36	0	22.10	22.09	22.24	23.5	1
15	QPSK	36	20	22.33	22.20	22.33		
15	QPSK	36	39	22.20	22.27	22.34		
15	QPSK	75	0	22.25	22.22	22.28		
15	16QAM	1	0	22.24	22.33	22.51	23.5	1
15	16QAM	1	37	22.31	22.50	22.23		
15	16QAM	1	74	22.46	22.41	22.35		
15	16QAM	36	0	21.30	21.41	21.43	22.5	2
15	16QAM	36	20	21.52	21.44	21.61		
15	16QAM	36	39	21.56	21.48	21.55		
15	16QAM	75	0	21.48	21.42	21.51		
15	64QAM	1	0	22.26	22.59	22.32	23.5	1
15	64QAM	1	37	22.15	22.40	22.33		
15	64QAM	1	74	22.36	22.15	22.32		
15	64QAM	36	0	21.44	21.32	21.35	22.5	2
15	64QAM	36	20	21.51	21.42	21.58		
15	64QAM	36	39	21.47	21.45	21.53		
15	64QAM	75	0	21.37	21.37	21.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.26	23.35	23.23	24.5	0
10	QPSK	1	25	23.32	23.35	23.36		
10	QPSK	1	49	23.32	23.22	23.31		
10	QPSK	25	0	22.18	22.28	22.31	23.5	1
10	QPSK	25	12	22.33	22.38	22.31		
10	QPSK	25	25	22.33	22.41	22.36		
10	QPSK	50	0	22.39	22.34	22.47		
10	16QAM	1	0	22.48	22.46	22.55	23.5	1
10	16QAM	1	25	22.40	22.54	22.75		
10	16QAM	1	49	22.38	22.63	22.64		
10	16QAM	25	0	21.47	21.54	21.45	22.5	2
10	16QAM	25	12	21.55	21.53	21.51		
10	16QAM	25	25	21.54	21.57	21.67		
10	16QAM	50	0	21.49	21.52	21.50		
10	64QAM	1	0	22.47	22.64	22.45	23.5	1
10	64QAM	1	25	22.41	22.53	22.25		
10	64QAM	1	49	22.17	22.65	22.53		
10	64QAM	25	0	21.35	21.43	21.29	22.5	2
10	64QAM	25	12	21.59	21.54	21.46		
10	64QAM	25	25	21.48	21.55	21.63		
10	64QAM	50	0	21.55	21.47	21.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.19	23.23	23.36	24.5	0
5	QPSK	1	12	23.26	23.26	23.32		
5	QPSK	1	24	23.31	23.20	23.30		
5	QPSK	12	0	22.30	22.29	22.23	23.5	1
5	QPSK	12	7	22.35	22.34	22.29		
5	QPSK	12	13	22.31	22.34	22.38		
5	QPSK	25	0	22.35	22.26	22.30		
5	16QAM	1	0	22.32	22.31	22.32	23.5	1
5	16QAM	1	12	22.45	22.71	22.89		
5	16QAM	1	24	22.47	22.61	22.39		
5	16QAM	12	0	21.60	21.33	21.49	22.5	2
5	16QAM	12	7	21.58	21.56	21.51		
5	16QAM	12	13	21.52	21.57	21.55		
5	16QAM	25	0	21.52	21.48	21.60		
5	64QAM	1	0	22.26	22.63	22.37	23.5	1
5	64QAM	1	12	22.60	22.26	22.36		
5	64QAM	1	24	22.58	22.42	22.35		
5	64QAM	12	0	21.69	21.46	21.49	22.5	2
5	64QAM	12	7	21.51	21.53	21.53		
5	64QAM	12	13	21.50	21.55	21.63		
5	64QAM	25	0	21.46	21.53	21.49		

Band 41_Ant 13

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	23.26	23.38	23.40	23.28	23.31	24	0
20	QPSK	1	49	23.21	23.32	23.35	23.30	23.28		
20	QPSK	1	99	23.21	23.31	23.32	23.28	23.26		
20	QPSK	50	0	22.08	22.23	22.27	22.18	22.12	23	1
20	QPSK	50	24	22.20	22.22	22.03	22.09	21.92		
20	QPSK	50	50	22.15	22.16	22.11	22.05	21.95		
20	QPSK	100	0	22.14	22.25	22.32	22.21	22.19		
20	16QAM	1	0	22.67	22.09	22.17	22.14	22.15	23	1
20	16QAM	1	49	22.41	22.47	22.65	22.40	22.39		
20	16QAM	1	99	22.24	22.48	22.70	22.46	22.05		
20	16QAM	50	0	21.47	21.34	21.36	21.32	21.25	22	2
20	16QAM	50	24	21.52	21.50	21.39	21.39	21.23		
20	16QAM	50	50	21.42	21.61	21.33	21.30	21.28		
20	16QAM	100	0	21.41	21.52	21.31	21.38	21.18		
20	64QAM	1	0	21.09	21.13	21.20	21.10	21.28	22	2
20	64QAM	1	49	21.26	21.03	21.39	21.29	21.46		
20	64QAM	1	99	21.51	21.13	21.21	21.16	21.03		
20	64QAM	50	0	20.27	20.52	20.33	20.26	20.24	21	3
20	64QAM	50	24	20.48	20.50	20.33	20.31	20.29		
20	64QAM	50	50	20.37	20.54	20.35	20.38	20.33		
20	64QAM	100	0	20.47	20.40	20.46	20.31	20.25		
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	23.18	23.33	23.28	23.15	23.17	24	0
15	QPSK	1	37	23.16	23.23	23.23	23.14	23.16		
15	QPSK	1	74	23.12	23.17	23.27	23.13	23.15		
15	QPSK	36	0	22.03	22.15	21.92	21.95	21.94	23	1
15	QPSK	36	20	22.20	22.22	21.99	21.99	21.88		
15	QPSK	36	39	22.10	22.25	22.11	22.02	21.96		
15	QPSK	75	0	22.23	22.29	21.96	21.94	21.98		
15	16QAM	1	0	22.34	22.57	22.57	22.23	22.12	23	1
15	16QAM	1	37	22.31	22.52	22.50	22.49	22.04		
15	16QAM	1	74	22.59	22.45	22.48	22.65	22.09		
15	16QAM	36	0	21.23	21.45	21.35	21.34	21.28	22	2
15	16QAM	36	20	21.55	21.38	21.36	21.28	21.22		
15	16QAM	36	39	21.39	21.59	21.37	21.25	21.42		
15	16QAM	75	0	21.60	21.51	21.30	21.26	21.27		
15	64QAM	1	0	21.38	21.19	21.45	21.23	21.29	22	2
15	64QAM	1	37	21.58	21.49	21.90	21.30	21.65		
15	64QAM	1	74	21.45	21.45	21.33	21.28	21.28		
15	64QAM	36	0	20.35	20.41	20.26	20.30	20.16	21	3
15	64QAM	36	20	20.40	20.50	20.26	20.35	20.24		
15	64QAM	36	39	20.43	20.59	20.44	20.38	20.30		
15	64QAM	75	0	20.42	20.57	20.36	20.27	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.15	23.32	23.24	23.14	23.25	24	0
10	QPSK	1	25	23.14	23.18	23.20	23.22	23.15		
10	QPSK	1	49	23.13	23.16	23.17	23.23	23.20		
10	QPSK	25	0	22.14	22.27	22.21	22.05	22.08	23	1
10	QPSK	25	12	22.29	22.53	22.18	22.22	22.08		
10	QPSK	25	25	22.28	22.46	22.20	22.11	22.11		
10	QPSK	50	0	22.25	22.35	22.12	22.17	22.11		
10	16QAM	1	0	22.35	22.69	22.28	22.43	22.31	23	1
10	16QAM	1	25	22.61	22.55	22.28	22.28	22.28		
10	16QAM	1	49	22.30	22.48	22.53	22.37	22.52		
10	16QAM	25	0	21.56	21.56	21.46	21.35	21.40	22	2
10	16QAM	25	12	21.63	21.68	21.42	21.61	21.44		
10	16QAM	25	25	21.63	21.70	21.59	21.49	21.45		
10	16QAM	50	0	21.56	21.68	21.42	21.58	21.37		
10	64QAM	1	0	21.25	21.32	21.52	21.53	21.46	22	2
10	64QAM	1	25	21.34	21.36	21.35	21.61	21.15		
10	64QAM	1	49	21.79	21.67	21.10	21.27	21.31		
10	64QAM	25	0	20.45	20.56	20.49	20.41	20.45	21	3
10	64QAM	25	12	20.50	20.60	20.45	20.45	20.40		
10	64QAM	25	25	20.41	20.66	20.52	20.46	20.40		
10	64QAM	50	0	20.60	20.58	20.50	20.41	20.30		
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	23.11	23.30	23.26	23.18	23.25	24	0
5	QPSK	1	12	23.12	23.27	23.29	23.18	23.14		
5	QPSK	1	24	23.07	23.17	23.20	23.19	23.17		
5	QPSK	12	0	22.26	22.34	22.15	22.10	22.15	23	1
5	QPSK	12	7	22.33	22.39	22.24	22.15	22.14		
5	QPSK	12	13	22.31	22.31	22.14	22.12	22.09		
5	QPSK	25	0	22.21	22.38	22.14	22.13	22.07		
5	16QAM	1	0	22.26	22.46	22.57	22.28	22.48	23	1
5	16QAM	1	12	22.44	22.90	22.24	22.49	22.46		
5	16QAM	1	24	22.52	22.47	22.52	22.42	22.46		
5	16QAM	12	0	21.61	21.69	21.36	21.49	21.41	22	2
5	16QAM	12	7	21.60	21.61	21.46	21.43	21.48		
5	16QAM	12	13	21.53	21.76	21.65	21.37	21.36		
5	16QAM	25	0	21.44	21.68	21.43	21.29	21.41		
5	64QAM	1	0	21.58	21.50	21.08	21.41	21.42	22	2
5	64QAM	1	12	21.53	21.73	21.49	21.45	21.38		
5	64QAM	1	24	21.52	21.66	21.42	21.34	21.27		
5	64QAM	12	0	20.59	20.60	20.51	20.46	20.40	21	3
5	64QAM	12	7	20.64	20.75	20.54	20.49	20.53		
5	64QAM	12	13	20.70	20.62	20.47	20.41	20.37		
5	64QAM	25	0	20.49	20.66	20.42	20.48	20.39		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.40	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

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	23.28	23.30	23.38	23.18	23.21	24.5	0
20	QPSK	1	49	23.14	23.18	23.21	23.06	23.07		
20	QPSK	1	99	23.16	23.17	23.24	23.10	23.14		
20	QPSK	50	0	22.29	22.23	22.30	22.28	22.23		
20	QPSK	50	24	22.23	22.21	22.11	22.27	22.22	23.5	1
20	QPSK	50	50	22.22	22.19	22.17	22.24	22.17		
20	QPSK	100	0	22.21	22.20	22.23	22.22	22.15		
20	16QAM	1	0	22.03	22.08	22.13	22.08	22.22	23.5	1
20	16QAM	1	49	22.37	22.20	22.23	22.56	22.70		
20	16QAM	1	99	22.20	22.22	22.47	22.32	22.35		
20	16QAM	50	0	21.32	21.17	21.25	21.30	21.33	22.5	2
20	16QAM	50	24	21.39	21.37	21.43	21.40	21.41		
20	16QAM	50	50	21.39	21.24	21.37	21.44	21.49		
20	16QAM	100	0	21.37	21.36	21.38	21.47	21.39		
20	64QAM	1	0	22.10	22.00	22.54	22.47	22.39	23.5	1
20	64QAM	1	49	22.21	22.05	22.17	21.99	22.20		
20	64QAM	1	99	22.14	22.22	22.45	21.94	22.04		
20	64QAM	50	0	21.37	21.17	21.29	21.42	21.29	22.5	2
20	64QAM	50	24	21.44	21.37	21.18	21.48	21.37		
20	64QAM	50	50	21.29	21.41	21.46	21.39	21.44		
20	64QAM	100	0	21.38	21.33	21.32	21.40	21.40		
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	23.23	23.14	23.22	23.11	23.09	24.50	0
15	QPSK	1	37	23.02	23.07	23.11	22.98	22.98		
15	QPSK	1	74	23.04	23.11	23.13	22.95	23.09		
15	QPSK	36	0	21.99	22.12	22.16	22.16	21.99	23.5	1
15	QPSK	36	20	22.08	22.16	22.13	22.10	22.28		
15	QPSK	36	39	22.16	22.15	22.23	22.24	22.21		
15	QPSK	75	0	22.19	22.21	22.15	22.20	22.21		
15	16QAM	1	0	22.43	22.34	22.03	22.34	22.56	23.5	1
15	16QAM	1	37	22.58	22.25	22.34	22.21	22.43		
15	16QAM	1	74	22.53	22.22	22.28	22.44	22.14		
15	16QAM	36	0	21.27	21.29	21.17	21.38	21.36	22.5	2
15	16QAM	36	20	21.42	21.32	21.40	21.36	21.30		
15	16QAM	36	39	21.39	21.42	21.42	21.49	21.35		
15	16QAM	75	0	21.30	21.35	21.36	21.44	21.31		
15	64QAM	1	0	22.15	22.26	22.12	22.35	22.41	23.5	1
15	64QAM	1	37	22.39	22.29	22.22	22.40	22.51		
15	64QAM	1	74	22.26	21.75	21.91	22.40	22.23		
15	64QAM	36	0	21.28	21.29	21.41	21.36	21.39	22.5	2
15	64QAM	36	20	21.48	21.40	21.44	21.37	21.44		
15	64QAM	36	39	21.33	21.40	21.45	21.43	21.46		
15	64QAM	75	0	21.36	21.32	21.34	21.43	21.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.18	23.22	23.21	23.03	23.08	24.50	0
10	QPSK	1	25	23.05	23.02	23.07	22.90	22.99		
10	QPSK	1	49	23.06	23.03	23.17	23.05	23.04		
10	QPSK	25	0	22.29	22.21	22.19	22.22	22.19	23.5	1
10	QPSK	25	12	22.35	22.28	22.26	22.33	22.34		
10	QPSK	25	25	22.32	22.22	22.35	22.30	22.30		
10	QPSK	50	0	22.28	22.28	22.27	22.39	22.32		
10	16QAM	1	0	22.52	22.51	22.46	22.70	22.84	23.5	1
10	16QAM	1	25	22.69	22.51	22.33	22.90	22.75		
10	16QAM	1	49	22.50	22.59	22.35	22.41	22.66		
10	16QAM	25	0	21.39	21.44	21.44	21.55	21.50	22.5	2
10	16QAM	25	12	21.57	21.60	21.39	21.58	21.60		
10	16QAM	25	25	21.38	21.50	21.58	21.47	21.59		
10	16QAM	50	0	21.55	21.50	21.55	21.54	21.56		
10	64QAM	1	0	22.42	22.65	22.12	22.48	22.43	23.5	1
10	64QAM	1	25	22.28	22.58	22.61	22.46	22.43		
10	64QAM	1	49	22.23	22.41	22.13	22.27	22.31		
10	64QAM	25	0	21.30	21.38	21.36	21.31	21.44	22.5	2
10	64QAM	25	12	21.52	21.45	21.39	21.55	21.56		
10	64QAM	25	25	21.43	21.50	21.51	21.56	21.52		
10	64QAM	50	0	21.43	21.43	21.50	21.53	21.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.14	23.19	23.23	23.07	23.16	24.50	0
5	QPSK	1	12	22.99	23.11	23.16	22.98	22.93		
5	QPSK	1	24	23.01	23.04	23.17	22.94	23.07		
5	QPSK	12	0	22.25	22.29	22.21	22.27	22.27	23.5	1
5	QPSK	12	7	22.30	22.29	22.30	22.28	22.35		
5	QPSK	12	13	22.30	22.22	22.26	22.31	22.25		
5	QPSK	25	0	22.31	22.26	22.14	22.27	22.32		
5	16QAM	1	0	22.59	22.30	22.33	22.65	22.48	23.5	1
5	16QAM	1	12	22.62	22.54	22.55	22.72	22.57		
5	16QAM	1	24	22.32	22.32	22.43	22.89	22.55		
5	16QAM	12	0	21.57	21.40	21.52	21.51	21.50	22.5	2
5	16QAM	12	7	21.49	21.39	21.52	21.46	21.60		
5	16QAM	12	13	21.63	21.48	21.37	21.50	21.55		
5	16QAM	25	0	21.54	21.42	21.38	21.49	21.53		
5	64QAM	1	0	22.52	22.23	22.83	22.36	22.58	23.5	1
5	64QAM	1	12	22.55	22.59	22.60	22.52	22.70		
5	64QAM	1	24	22.43	22.24	22.21	22.77	22.37		
5	64QAM	12	0	21.44	21.38	21.46	21.40	21.54	22.5	2
5	64QAM	12	7	21.29	21.42	21.53	21.51	21.54		
5	64QAM	12	13	21.50	21.52	21.42	21.51	21.33		
5	64QAM	25	0	21.53	21.40	21.41	21.24	21.45		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK		0	24.12	24.30	24.21	25	0
20	QPSK		49	24.08	24.25	24.16		
20	QPSK		99	24.02	24.22	24.09		
20	QPSK	50	0	23.20	23.26	23.19		
20	QPSK	50	24	23.18	23.14	23.16	24	1
20	QPSK	50	50	23.18	23.24	23.01		
20	QPSK	100	0	23.16	23.18	23.09		
20	16QAM		0	22.92	22.91	22.91	24	1
20	16QAM		49	22.90	22.92	22.90		
20	16QAM		99	23.35	22.95	22.93		
20	16QAM	50	0	22.39	22.48	22.35	23	2
20	16QAM	50	24	22.40	22.51	22.36		
20	16QAM	50	50	22.38	22.36	22.22		
20	16QAM	100	0	22.48	22.54	22.32		
20	64QAM		0	23.33	23.32	23.07	24	1
20	64QAM		49	23.69	23.30	23.38		
20	64QAM		99	23.25	23.04	23.39		
20	64QAM	50	0	22.45	22.49	22.45	23	2
20	64QAM	50	24	22.47	22.37	22.32		
20	64QAM	50	50	22.36	22.40	22.32		
20	64QAM	100	0	22.39	22.39	22.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	23.96	24.25	24.09	25	0
15	QPSK		37	24.00	24.12	24.03		
15	QPSK		74	23.96	24.08	23.96		
15	QPSK	36	0	23.16	23.17	23.07	24	1
15	QPSK	36	20	23.18	23.25	23.05		
15	QPSK	36	39	23.12	23.15	23.04		
15	QPSK	75	0	23.03	23.14	23.03		
15	16QAM		0	23.38	23.56	23.18	24	1
15	16QAM		37	23.50	23.60	23.56		
15	16QAM		74	23.07	23.12	23.16		
15	16QAM	36	0	22.48	22.40	22.35	23	2
15	16QAM	36	20	22.48	22.45	22.32		
15	16QAM	36	39	22.39	22.36	22.39		
15	16QAM	75	0	22.34	22.30	22.37		
15	64QAM		0	23.32	23.31	22.94	24	1
15	64QAM		37	23.34	23.20	23.21		
15	64QAM		74	23.64	23.15	23.53		
15	64QAM	36	0	22.34	22.28	22.24	23	2
15	64QAM	36	20	22.53	22.39	22.26		
15	64QAM	36	39	22.39	22.41	22.37		
15	64QAM	75	0	22.48	22.31	22.32		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	23.97	24.24	24.08	25	0
10	QPSK		25	23.94	24.10	24.10		
10	QPSK		49	23.89	24.16	24.00		
10	QPSK	25	0	23.37	23.14	23.22	24	1
10	QPSK	25	12	23.39	23.40	23.25		
10	QPSK	25	25	23.30	23.27	23.08		
10	QPSK	50	0	23.30	23.20	23.22		
10	16QAM		0	23.59	23.81	23.31	24	1
10	16QAM		25	23.33	23.74	23.49		
10	16QAM		49	23.22	23.35	23.29		
10	16QAM	25	0	22.60	22.40	22.53	23	2
10	16QAM	25	12	22.56	22.53	22.40		
10	16QAM	25	25	22.58	22.66	22.36		
10	16QAM	50	0	22.57	22.43	22.43		
10	64QAM		0	23.15	23.63	23.50	24	1
10	64QAM		25	23.37	23.64	23.03		
10	64QAM		49	23.26	23.36	23.30		
10	64QAM	25	0	22.60	22.53	22.49	23	2
10	64QAM	25	12	22.60	22.63	22.45		
10	64QAM	25	25	22.59	22.46	22.41		
10	64QAM	50	0	22.59	22.44	22.42		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	23.96	24.16	24.05	25	0
5	QPSK		12	23.96	24.12	24.02		
5	QPSK		24	23.97	24.16	24.03		
5	QPSK	12	0	23.34	23.37	23.15	24	1
5	QPSK	12	7	23.33	23.33	23.24		
5	QPSK	12	13	23.29	23.26	23.07		
5	QPSK	25	0	23.30	23.27	23.16		
5	16QAM		0	23.74	23.23	23.41	24	1
5	16QAM		12	23.52	23.77	23.69		
5	16QAM		24	23.68	23.29	23.42		
5	16QAM	12	0	22.58	22.54	22.46	23	2
5	16QAM	12	7	22.48	22.51	22.54		
5	16QAM	12	13	22.57	22.54	22.31		
5	16QAM	25	0	22.53	22.60	22.39		
5	64QAM		0	23.84	23.53	23.37	24	1
5	64QAM		12	23.56	23.74	23.64		
5	64QAM		24	23.34	23.50	23.06		
5	64QAM	12	0	22.58	22.55	22.51	23	2
5	64QAM	12	7	22.60	22.51	22.50		
5	64QAM	12	13	22.52	22.53	22.35		
5	64QAM	25	0	22.60	22.57	22.40		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	23.73	23.99	23.85	24.8	0
20	QPSK		49	23.60	23.72	23.70		
20	QPSK		99	23.52	23.55	23.62		
20	QPSK	50	0	22.81	22.89	22.83	23.8	
20	QPSK	50	24	22.77	22.76	22.76		
20	QPSK	50	50	22.66	22.78	22.60		
20	QPSK	100	0	22.61	22.76	22.64		
20	16QAM		0	22.71	22.49	22.65	23.8	
20	16QAM		49	22.55	22.72	22.68		
20	16QAM		99	22.75	22.44	22.62		
20	16QAM	50	0	21.68	21.81	21.76	22.8	2
20	16QAM	50	24	21.80	21.70	21.75		
20	16QAM	50	50	21.81	21.69	21.71		
20	16QAM	100	0	21.68	21.70	21.73		
20	64QAM		0	21.44	21.68	21.83	22.8	2
20	64QAM		49	21.27	21.32	21.48		
20	64QAM		99	21.54	21.59	21.53		
20	64QAM	50	0	20.72	20.75	20.79	21.8	3
20	64QAM	50	24	20.85	20.74	20.77		
20	64QAM	50	50	20.75	20.70	20.67		
20	64QAM	100	0	20.71	20.68	20.73		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	23.60	23.62	23.49	24.8	0
15	QPSK		37	23.76	23.66	23.47		
15	QPSK		74	23.59	23.58	23.51		
15	QPSK	36	0	22.81	22.70	22.75	23.8	
15	QPSK	36	20	22.78	22.72	22.60		
15	QPSK	36	39	22.75	22.69	22.68		
15	QPSK	75	0	22.72	22.70	22.73		
15	16QAM		0	22.59	22.37	22.41	23.8	
15	16QAM		37	22.70	22.75	22.67		
15	16QAM		74	22.09	22.62	22.48		
15	16QAM	36	0	21.83	21.75	21.60	22.8	2
15	16QAM	36	20	21.72	21.75	21.75		
15	16QAM	36	39	21.71	21.74	21.70		
15	16QAM	75	0	21.72	21.63	21.66		
15	64QAM		0	21.51	21.39	21.57	22.8	2
15	64QAM		37	21.75	21.89	21.64		
15	64QAM		74	21.53	21.62	21.24		
15	64QAM	36	0	20.73	20.74	20.71	21.8	3
15	64QAM	36	20	20.73	20.82	20.72		
15	64QAM	36	39	20.72	20.71	20.63		
15	64QAM	75	0	20.82	20.67	20.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	23.71	23.96	23.89	24.8	0
10	QPSK		25	23.90	23.84	23.94		
10	QPSK		49	23.90	23.70	23.71		
10	QPSK	25	0	22.92	22.75	22.84	23.8	
10	QPSK	25	12	22.91	22.90	22.86		
10	QPSK	25	25	22.88	22.97	22.71		
10	QPSK	50	0	22.93	22.86	22.85		
10	16QAM		0	23.23	23.16	23.12	23.8	
10	16QAM		25	23.14	22.94	23.23		
10	16QAM		49	23.14	22.89	22.69		
10	16QAM	25	0	21.89	21.88	21.84	22.8	2
10	16QAM	25	12	21.95	21.89	21.82		
10	16QAM	25	25	21.92	22.00	21.74		
10	16QAM	50	0	21.97	21.83	21.81		
10	64QAM		0	21.69	21.73	21.80	22.8	2
10	64QAM		25	22.05	21.79	21.41		
10	64QAM		49	21.49	21.83	21.71		
10	64QAM	25	0	20.86	20.82	20.77	21.8	3
10	64QAM	25	12	20.92	20.84	20.78		
10	64QAM	25	25	20.91	20.87	20.86		
10	64QAM	50	0	20.98	20.84	20.80		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	23.83	23.91	23.75	24.8	0
5	QPSK		12	23.96	23.98	23.82		
5	QPSK		24	23.80	23.86	23.58		
5	QPSK	12	0	22.86	22.89	22.83	23.8	
5	QPSK	12	7	22.93	22.84	22.83		
5	QPSK	12	13	22.85	22.81	22.80		
5	QPSK	25	0	22.90	22.95	22.84		
5	16QAM		0	22.94	22.85	22.62	23.8	
5	16QAM		12	22.67	22.87	22.84		
5	16QAM		24	23.08	23.07	22.87		
5	16QAM	12	0	21.87	21.94	21.85	22.8	2
5	16QAM	12	7	22.03	21.88	21.87		
5	16QAM	12	13	21.85	21.86	21.73		
5	16QAM	25	0	21.90	21.85	21.76		
5	64QAM		0	21.90	21.73	21.89	22.8	2
5	64QAM		12	21.88	21.70	21.84		
5	64QAM		24	22.08	21.89	21.44		
5	64QAM	12	0	20.92	21.01	20.90	21.8	3
5	64QAM	12	7	20.86	20.92	20.83		
5	64QAM	12	13	20.79	20.84	20.82		
5	64QAM	25	0	20.84	20.82	20.82		

Reduced Power for DSI 2

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.58	29.63	29.51	**31.50**	20.58	20.63	20.51	22.50
GPRS 1 Tx slot	29.54	29.59	29.50	**31.50**	20.54	20.59	20.50	22.50
GPRS 2 Tx slots	25.56	25.51	25.61	**27.50**	19.56	19.51	19.61	21.50
GPRS 3 Tx slots	23.68	23.63	23.68	**25.50**	19.42	19.37	19.42	21.24
GPRS 4 Tx slots	22.65	22.63	22.56	**24.20**	19.65	19.63	19.56	21.20
EDGE 1 Tx slot	26.12	26.05	26.07	**27.50**	17.12	17.05	17.07	18.50
EDGE 2 Tx slots	24.98	24.93	24.94	**26.50**	18.98	18.93	18.94	20.50
EDGE 3 Tx slots	23.82	23.75	23.74	**25.50**	19.56	19.49	19.48	21.24
EDGE 4 Tx slots	22.54	22.56	22.58	**24.50**	19.54	19.56	19.58	21.50

GSM1900_Ant 13	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	21.45	21.11	21.34	**23.00**	12.45	12.11	12.34	14.00
GPRS 1 Tx slot	21.30	21.03	21.33	**23.00**	12.30	12.03	12.33	14.00
GPRS 2 Tx slots	19.16	18.84	19.16	**20.50**	13.16	12.84	13.16	14.50
GPRS 3 Tx slots	17.79	17.96	17.84	**19.50**	13.53	13.70	13.58	15.24
GPRS 4 Tx slots	17.57	17.43	17.46	**18.00**	14.57	14.43	14.46	15.00
EDGE 1 Tx slot	21.37	21.39	21.29	**22.50**	12.37	12.39	12.29	13.50
EDGE 2 Tx slots	19.23	19.28	19.19	**21.00**	13.23	13.28	13.19	15.00
EDGE 3 Tx slots	18.08	18.02	17.92	**19.50**	13.82	13.76	13.66	15.24
EDGE 4 Tx slots	17.13	17.31	17.08	**18.50**	14.13	14.31	14.08	15.50

GSM1900_Ant 31	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	29.60	29.92	29.89	**31.00**	20.60	20.92	20.89	22.00
GPRS 1 Tx slot	29.57	29.79	29.81	**31.00**	20.57	20.79	20.81	22.00
GPRS 2 Tx slots	27.28	27.41	27.49	**29.00**	21.28	21.41	21.49	23.00
GPRS 3 Tx slots	26.26	26.42	26.35	**28.00**	22.00	22.16	22.09	23.74
GPRS 4 Tx slots	25.00	25.13	25.01	**26.50**	22.00	22.13	22.01	23.50
EDGE 1 Tx slot	25.12	25.31	25.48	**26.50**	16.12	16.31	16.48	17.50
EDGE 2 Tx slots	24.11	24.38	24.32	**25.50**	18.11	18.38	18.32	19.50
EDGE 3 Tx slots	22.96	23.06	23.16	**24.50**	18.70	18.80	18.90	20.24
EDGE 4 Tx slots	22.03	22.10	22.27	**23.50**	19.03	19.10	19.27	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	13.04	13.21	13.18	**15.00**	24.00	24.15	24.10	**25.30**
3GPP Rel 99	RMC 12.2Kbps	13.06	13.23	13.22	**15.00**	24.02	24.20	24.13	**25.30**
3GPP Rel 6	HSDPA Subtest-1	12.03	12.09	12.08	**14.00**	23.07	23.16	23.26	**24.30**
3GPP Rel 6	HSDPA Subtest-2	12.03	12.11	12.08	**14.00**	23.05	23.13	23.27	**24.30**
3GPP Rel 6	HSDPA Subtest-3	11.53	11.53	11.54	**13.50**	22.54	22.61	22.77	**23.80**
3GPP Rel 6	HSDPA Subtest-4	11.57	11.61	11.55	**13.50**	22.52	22.61	22.79	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-1	12.08	12.21	12.21	**14.00**	23.46	23.54	23.63	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-2	12.12	12.21	12.17	**14.00**	23.45	23.46	23.57	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-3	11.63	11.69	11.63	**13.50**	22.86	22.91	23.09	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-4	11.62	11.70	11.70	**13.50**	22.83	22.91	23.09	**23.80**
3GPP Rel 6	HSUPA Subtest-1	12.29	12.46	12.44	**14.00**	23.01	23.14	23.24	**24.30**
3GPP Rel 6	HSUPA Subtest-2	10.25	10.42	10.44	**12.00**	21.00	21.12	21.29	**22.30**
3GPP Rel 6	HSUPA Subtest-3	11.27	11.40	11.47	**13.00**	22.00	22.15	22.26	**23.30**
3GPP Rel 6	HSUPA Subtest-4	10.23	10.43	10.45	**12.00**	21.04	21.14	21.30	**22.30**
3GPP Rel 6	HSUPA Subtest-5	12.19	12.34	12.39	**14.00**	23.10	23.20	23.30	**24.30**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	13.54	13.56	13.48	**15.00**	24.02	24.11	24.08	**25.50**
3GPP Rel 99	RMC 12.2Kbps	13.56	13.59	13.51	**15.00**	24.09	24.16	24.13	**25.50**
3GPP Rel 6	HSDPA Subtest-1	12.43	12.36	12.41	**14.00**	22.96	23.20	23.29	**24.50**
3GPP Rel 6	HSDPA Subtest-2	12.40	12.37	12.43	**14.00**	23.01	23.20	23.30	**24.50**
3GPP Rel 6	HSDPA Subtest-3	11.96	11.87	11.96	**13.50**	22.54	22.67	22.78	**24.00**
3GPP Rel 6	HSDPA Subtest-4	11.86	11.83	11.95	**13.50**	22.53	22.68	22.75	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	12.53	12.52	12.57	**14.00**	23.31	23.60	23.65	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	12.48	12.53	12.51	**14.00**	23.39	23.56	23.59	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	12.11	11.96	12.06	**13.50**	22.86	23.01	23.13	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	11.96	11.91	12.10	**13.50**	22.86	23.00	23.13	**24.00**
3GPP Rel 6	HSUPA Subtest-1	12.46	12.31	12.37	**14.00**	23.06	22.90	22.90	**24.50**
3GPP Rel 6	HSUPA Subtest-2	10.41	10.34	10.25	**12.00**	21.04	20.91	20.98	**22.50**
3GPP Rel 6	HSUPA Subtest-3	11.44	11.33	11.33	**13.00**	22.04	21.90	21.97	**23.50**
3GPP Rel 6	HSUPA Subtest-4	10.43	10.36	10.31	**12.00**	21.03	20.88	20.91	**22.50**
3GPP Rel 6	HSUPA Subtest-5	12.49	12.41	12.34	**14.00**	23.00	22.88	22.93	**24.50**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.03	20.04	19.98	**21.50**	24.16	24.11	24.03	**25.50**
3GPP Rel 99	RMC 12.2Kbps	20.04	20.05	19.99	**21.50**	24.17	24.22	24.05	**25.50**
3GPP Rel 6	HSDPA Subtest-1	18.70	18.73	18.77	**20.50**	23.33	23.26	23.14	**24.50**
3GPP Rel 6	HSDPA Subtest-2	18.75	18.81	18.77	**20.50**	23.34	23.24	23.15	**24.50**
3GPP Rel 6	HSDPA Subtest-3	18.26	18.29	18.28	**20.00**	22.82	22.80	22.64	**24.00**
3GPP Rel 6	HSDPA Subtest-4	18.23	18.25	18.27	**20.00**	22.82	22.69	22.64	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.79	18.80	18.93	**20.50**	23.97	23.94	23.80	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	18.83	18.97	18.88	**20.50**	23.98	23.92	23.85	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	18.42	18.38	18.40	**20.00**	23.48	23.40	23.25	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.38	18.36	18.43	**20.00**	23.44	23.37	23.30	**24.00**
3GPP Rel 6	HSUPA Subtest-1	18.84	18.84	18.83	**20.50**	23.30	23.24	23.16	**24.50**
3GPP Rel 6	HSUPA Subtest-2	16.84	16.91	16.79	**18.50**	21.27	21.23	21.11	**22.50**
3GPP Rel 6	HSUPA Subtest-3	17.85	17.84	17.77	**19.50**	22.28	22.23	22.11	**23.50**
3GPP Rel 6	HSUPA Subtest-4	16.81	16.84	16.76	**18.50**	21.29	21.27	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-5	18.87	18.87	18.77	**20.50**	23.30	23.20	23.10	**24.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	19.98	20.05	20.05	**21.00**	23.92	23.95	23.85	**25.00**
RC3 SO55	20.06	20.21	20.17	**21.00**	23.92	23.97	23.85	**25.00**
RC3 SO32 (F+SCH)	20.06	20.09	20.06	**21.00**	23.92	23.94	23.85	**25.00**
RC3 SO32 (+SCH)	20.00	20.01	19.96	**21.00**	23.79	23.88	23.84	**25.00**

SPORTON LAB.

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.19	13.39	13.23	14.5	0
20	QPSK	1	49	13.18	13.15	13.21		
20	QPSK	1	99	13.05	13.02	13.05		
20	QPSK	50	0	13.27	13.35	13.26	14.5	0
20	QPSK	50	24	13.26	13.26	13.21		
20	QPSK	50	50	13.18	13.17	13.24		
20	QPSK	100	0	13.23	13.29	13.21		
20	16QAM	1	0	13.33	13.30	13.30	14.5	0
20	16QAM	1	49	13.19	13.22	13.35		
20	16QAM	1	99	13.23	13.17	13.16		
20	16QAM	50	0	13.10	13.07	13.06	14.5	0
20	16QAM	50	24	13.07	13.07	13.03		
20	16QAM	50	50	13.02	13.01	13.05		
20	16QAM	100	0	13.05	13.04	13.03		
20	64QAM	1	0	13.13	13.22	13.24	14.5	0
20	64QAM	1	49	13.19	13.35	13.28		
20	64QAM	1	99	13.10	13.16	13.22		
20	64QAM	50	0	13.07	13.10	13.15	14.5	0
20	64QAM	50	24	13.08	13.14	13.20		
20	64QAM	50	50	13.03	13.11	13.15		
20	64QAM	100	0	13.08	13.12	13.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.06	13.25	13.09	14.5	0
15	QPSK	1	37	13.05	13.00	13.09		
15	QPSK	1	74	12.93	12.87	12.90		
15	QPSK	36	0	13.21	13.25	13.16	14.5	0
15	QPSK	36	20	13.10	13.21	13.12		
15	QPSK	36	39	13.13	13.06	13.09		
15	QPSK	75	0	13.17	13.24	13.15		
15	16QAM	1	0	13.23	13.24	13.19	14.5	0
15	16QAM	1	37	13.13	13.09	13.22		
15	16QAM	1	74	13.17	13.07	13.08		
15	16QAM	36	0	12.97	12.92	12.96	14.5	0
15	16QAM	36	20	12.98	12.94	12.91		
15	16QAM	36	39	12.94	12.93	12.98		
15	16QAM	75	0	12.97	12.96	12.87		
15	64QAM	1	0	13.01	13.14	13.08	14.5	0
15	64QAM	1	37	13.06	13.25	13.18		
15	64QAM	1	74	13.05	13.09	13.16		
15	64QAM	36	0	13.02	13.04	13.02	14.5	0
15	64QAM	36	20	13.01	13.01	13.14		
15	64QAM	36	39	12.90	12.96	13.06		
15	64QAM	75	0	12.93	13.06	13.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.08	13.29	13.14	14.5	0
10	QPSK	1	25	13.10	13.00	13.05		
10	QPSK	1	49	12.93	12.96	12.90		
10	QPSK	25	0	13.11	13.28	13.20	14.5	0
10	QPSK	25	12	13.15	13.13	13.11		
10	QPSK	25	25	13.11	13.03	13.13		
10	QPSK	50	0	13.13	13.23	13.07		
10	16QAM	1	0	13.28	13.16	13.18	14.5	0
10	16QAM	1	25	13.04	13.08	13.28		
10	16QAM	1	49	13.09	13.05	13.06		
10	16QAM	25	0	12.99	13.01	12.96	14.5	0
10	16QAM	25	12	12.94	13.02	12.98		
10	16QAM	25	25	12.94	12.94	12.96		
10	16QAM	50	0	12.98	12.93	12.98		
10	64QAM	1	0	12.98	13.09	13.09	14.5	0
10	64QAM	1	25	13.14	13.28	13.13		
10	64QAM	1	49	12.96	13.01	13.15		
10	64QAM	25	0	12.99	12.97	13.08	14.5	0
10	64QAM	25	12	12.93	13.07	13.15		
10	64QAM	25	25	12.90	12.99	13.08		
10	64QAM	50	0	12.92	13.03	13.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.06	13.34	13.14	14.5	0
5	QPSK	1	12	13.09	13.05	13.12		
5	QPSK	1	24	12.89	12.94	12.91		
5	QPSK	12	0	13.22	13.25	13.20	14.5	0
5	QPSK	12	7	13.20	13.16	13.11		
5	QPSK	12	13	13.11	13.02	13.09		
5	QPSK	25	0	13.14	13.21	13.05		
5	16QAM	1	0	13.19	13.17	13.21	14.5	0
5	16QAM	1	12	13.06	13.10	13.25		
5	16QAM	1	24	13.15	13.02	13.05		
5	16QAM	12	0	13.03	13.01	12.94	14.5	0
5	16QAM	12	7	12.93	12.98	12.94		
5	16QAM	12	13	12.86	12.96	13.00		
5	16QAM	25	0	13.00	12.90	12.95		
5	64QAM	1	0	12.98	13.06	13.13	14.5	0
5	64QAM	1	12	13.10	13.22	13.22		
5	64QAM	1	24	12.94	13.04	13.14		
5	64QAM	12	0	13.02	12.98	13.01	14.5	0
5	64QAM	12	7	12.99	13.02	13.13		
5	64QAM	12	13	12.91	13.05	12.99		
5	64QAM	25	0	12.96	13.01	13.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.10	13.32	13.10	14.5	0
3	QPSK	1	8	13.12	13.05	13.07		
3	QPSK	1	14	12.92	12.92	12.97		
3	QPSK	8	0	13.21	13.23	13.19	14.5	0
3	QPSK	8	4	13.14	13.20	13.09		
3	QPSK	8	7	13.06	13.03	13.14		
3	QPSK	15	0	13.10	13.24	13.11		
3	16QAM	1	0	13.18	13.16	13.20	14.5	0
3	16QAM	1	8	13.07	13.07	13.19		
3	16QAM	1	14	13.11	13.03	13.08		
3	16QAM	8	0	12.95	12.96	13.00	14.5	0
3	16QAM	8	4	12.97	12.99	12.98		
3	16QAM	8	7	12.93	12.87	12.93		
3	16QAM	15	0	12.93	12.93	12.91		
3	64QAM	1	0	13.00	13.06	13.13	14.5	0
3	64QAM	1	8	13.14	13.26	13.12		
3	64QAM	1	14	12.96	13.08	13.07		
3	64QAM	8	0	12.93	12.99	13.06	14.5	0
3	64QAM	8	4	12.95	12.98	13.15		
3	64QAM	8	7	12.88	13.03	12.99		
3	64QAM	15	0	12.93	12.98	13.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.04	13.24	13.16	14.5	0
1.4	QPSK	1	3	13.07	13.10	13.06		
1.4	QPSK	1	5	13.00	12.95	12.94		
1.4	QPSK	3	0	13.22	13.26	13.13		
1.4	QPSK	3	1	13.17	13.13	13.07		
1.4	QPSK	3	3	13.08	13.02	13.08		
1.4	QPSK	6	0	13.14	13.15	13.07	14.5	0
1.4	16QAM	1	0	13.18	13.14	13.19	14.5	0
1.4	16QAM	1	3	13.13	13.13	13.28		
1.4	16QAM	1	5	13.10	13.06	13.05		
1.4	16QAM	3	0	12.97	12.99	12.94		
1.4	16QAM	3	1	13.01	12.91	12.93		
1.4	16QAM	3	3	12.88	12.89	12.90		
1.4	16QAM	6	0	12.92	12.92	12.98	14.5	0
1.4	64QAM	1	0	13.06	13.17	13.08	14.5	0
1.4	64QAM	1	3	13.05	13.23	13.21		
1.4	64QAM	1	5	12.98	13.09	13.16		
1.4	64QAM	3	0	12.94	13.02	13.02		
1.4	64QAM	3	1	13.03	13.05	13.09		
1.4	64QAM	3	3	12.87	13.04	13.00		
1.4	64QAM	6	0	12.92	12.98	13.07	14.5	0

Band 2_Ant 31

BW [MHz]	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	23.02	23.28	22.92	24.5	0
20	QPSK	1	49	22.85	23.20	22.82		
20	QPSK	1	99	22.73	23.12	22.70		
20	QPSK	50	0	22.03	22.15	21.92	23.5	1
20	QPSK	50	24	21.76	22.07	21.83		
20	QPSK	50	50	21.76	22.02	21.83		
20	QPSK	100	0	21.92	22.03	21.83		
20	16QAM	1	0	21.93	22.28	22.09	23.5	1
20	16QAM	1	49	21.70	22.23	21.79		
20	16QAM	1	99	21.84	21.91	21.80		
20	16QAM	50	0	21.04	21.04	20.86	22.5	2
20	16QAM	50	24	21.02	21.21	21.05		
20	16QAM	50	50	20.94	21.10	20.81		
20	16QAM	100	0	21.04	21.09	21.01		
20	64QAM	1	0	21.08	21.08	20.99	22.5	2
20	64QAM	1	49	20.90	21.31	21.21		
20	64QAM	1	99	20.82	21.08	20.94		
20	64QAM	50	0	20.05	20.23	19.91	21.5	3
20	64QAM	50	24	20.09	20.14	19.89		
20	64QAM	50	50	19.99	20.17	19.89		
20	64QAM	100	0	20.06	20.26	19.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.67	22.63	24.5	0
15	QPSK	1	37	22.51	22.90	22.69		
15	QPSK	1	74	22.51	22.82	22.66		
15	QPSK	36	0	21.76	22.10	21.76	23.5	1
15	QPSK	36	20	21.67	22.16	21.62		
15	QPSK	36	39	21.70	21.90	21.77		
15	QPSK	75	0	21.76	21.85	21.68		
15	16QAM	1	0	22.52	22.74	22.50	23.5	1
15	16QAM	1	37	22.50	22.74	22.48		
15	16QAM	1	74	22.48	22.70	22.32		
15	16QAM	36	0	20.56	20.84	20.65	22.5	2
15	16QAM	36	20	20.68	20.98	20.75		
15	16QAM	36	39	20.68	20.96	20.85		
15	16QAM	75	0	20.64	20.98	20.77		
15	64QAM	1	0	21.29	21.15	20.83	22.5	2
15	64QAM	1	37	21.32	21.29	20.85		
15	64QAM	1	74	20.99	21.05	21.11		
15	64QAM	36	0	19.91	19.97	19.72	21.5	3
15	64QAM	36	20	19.82	20.16	19.66		
15	64QAM	36	39	19.98	19.99	19.83		
15	64QAM	75	0	20.05	20.02	19.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.18	23.16	22.83	24.5	0
10	QPSK	1	25	23.04	22.97	22.88		
10	QPSK	1	49	22.81	23.03	22.84		
10	QPSK	25	0	22.20	22.18	22.02	23.5	1
10	QPSK	25	12	22.18	22.19	22.00		
10	QPSK	25	25	21.98	22.10	21.94		
10	QPSK	50	0	22.14	22.14	21.90		
10	16QAM	1	0	22.56	22.75	22.28	23.5	1
10	16QAM	1	25	22.43	22.26	22.19		
10	16QAM	1	49	22.37	22.31	22.49		
10	16QAM	25	0	21.35	21.16	20.87	22.5	2
10	16QAM	25	12	21.23	21.17	21.01		
10	16QAM	25	25	21.22	21.19	21.02		
10	16QAM	50	0	21.19	21.19	20.99		
10	64QAM	1	0	21.51	21.16	21.10	22.5	2
10	64QAM	1	25	21.25	21.56	21.32		
10	64QAM	1	49	21.20	21.06	21.04		
10	64QAM	25	0	20.39	20.26	20.00	21.5	3
10	64QAM	25	12	20.38	20.15	20.00		
10	64QAM	25	25	20.12	20.16	19.99		
10	64QAM	50	0	20.25	20.21	19.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.15	22.91	24.5	0
5	QPSK	1	12	23.08	23.27	22.98		
5	QPSK	1	24	23.02	22.99	22.76		
5	QPSK	12	0	22.26	22.15	21.93	23.5	1
5	QPSK	12	7	22.26	22.22	22.04		
5	QPSK	12	13	22.25	22.15	21.85		
5	QPSK	25	0	22.12	22.16	21.91		
5	16QAM	1	0	22.35	22.47	22.28	23.5	1
5	16QAM	1	12	22.08	22.58	22.23		
5	16QAM	1	24	22.32	22.38	22.13		
5	16QAM	12	0	21.40	21.17	20.96	22.5	2
5	16QAM	12	7	21.32	21.26	20.96		
5	16QAM	12	13	21.27	21.11	20.98		
5	16QAM	25	0	21.35	21.14	20.94		
5	64QAM	1	0	21.21	21.11	21.00	22.5	2
5	64QAM	1	12	21.36	21.12	21.15		
5	64QAM	1	24	21.12	21.14	21.17		
5	64QAM	12	0	20.32	20.27	19.98	21.5	3
5	64QAM	12	7	20.32	20.30	20.13		
5	64QAM	12	13	20.14	20.21	19.93		
5	64QAM	25	0	20.12	20.16	19.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.96	23.07	22.80	24.5	0
3	QPSK	1	8	23.09	23.01	23.07		
3	QPSK	1	14	22.97	22.87	22.70		
3	QPSK	8	0	22.19	22.23	21.90	23.5	1
3	QPSK	8	4	22.21	22.15	21.80		
3	QPSK	8	7	22.11	22.08	21.78		
3	QPSK	15	0	22.08	22.14	21.80		
3	16QAM	1	0	22.62	22.53	22.19	23.5	1
3	16QAM	1	8	22.21	22.42	22.34		
3	16QAM	1	14	22.47	22.30	22.11		
3	16QAM	8	0	21.23	21.16	20.93	22.5	2
3	16QAM	8	4	21.33	21.23	20.98		
3	16QAM	8	7	21.23	21.16	20.84		
3	16QAM	15	0	21.21	21.01	20.76		
3	64QAM	1	0	21.62	21.28	21.04	22.5	2
3	64QAM	1	8	21.38	21.58	21.29		
3	64QAM	1	14	21.12	21.13	21.02		
3	64QAM	8	0	20.36	20.27	20.00	21.5	3
3	64QAM	8	4	20.33	20.23	20.00		
3	64QAM	8	7	20.10	20.06	19.92		
3	64QAM	15	0	20.26	20.16	19.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	22.91	22.81	24.5	0
1.4	QPSK	1	3	23.11	22.91	22.76		
1.4	QPSK	1	5	23.04	23.03	22.73		
1.4	QPSK	3	0	23.11	22.98	22.90		
1.4	QPSK	3	1	23.20	23.18	22.89		
1.4	QPSK	3	3	23.02	23.09	22.84		
1.4	QPSK	6	0	21.99	22.14	21.74	24.5	0
1.4	16QAM	1	0	22.23	22.60	22.43	24.5	0
1.4	16QAM	1	3	22.61	22.09	22.09		
1.4	16QAM	1	5	22.70	22.49	22.21		
1.4	16QAM	3	0	22.27	22.22	21.82		
1.4	16QAM	3	1	22.40	22.38	21.97		
1.4	16QAM	3	3	22.23	22.25	22.00		
1.4	16QAM	6	0	21.33	21.14	20.90	24.5	0
1.4	64QAM	1	0	21.50	21.58	20.95	24.5	0
1.4	64QAM	1	3	21.37	21.13	20.93		
1.4	64QAM	1	5	21.11	21.22	20.96		
1.4	64QAM	3	0	21.30	21.28	21.03		
1.4	64QAM	3	1	21.34	21.40	21.09		
1.4	64QAM	3	3	21.31	21.03	21.05		
1.4	64QAM	6	0	20.18	20.13	19.90	24.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	13.58	13.67	13.58	14.5	0
20	QPSK	1	49	13.49	13.51	13.54		
20	QPSK	1	99	13.34	13.38	13.38		
20	QPSK	50	0	13.50	13.64	13.52	14.5	0
20	QPSK	50	24	13.57	13.51	13.60		
20	QPSK	50	50	13.48	13.51	13.50		
20	QPSK	100	0	13.54	13.58	13.55		
20	16QAM	1	0	13.51	13.48	13.50	14.5	0
20	16QAM	1	49	13.55	13.66	13.41		
20	16QAM	1	99	13.30	13.28	13.27		
20	16QAM	50	0	13.13	13.16	13.16	14.5	0
20	16QAM	50	24	13.21	13.11	13.20		
20	16QAM	50	50	13.13	13.13	13.12		
20	16QAM	100	0	13.16	13.08	13.18		
20	64QAM	1	0	13.34	13.32	13.32	14.5	0
20	64QAM	1	49	13.28	13.30	13.25		
20	64QAM	1	99	13.11	13.16	13.10		
20	64QAM	50	0	13.07	13.09	13.08	14.5	0
20	64QAM	50	24	13.16	13.08	13.13		
20	64QAM	50	50	13.05	13.05	13.03		
20	64QAM	100	0	13.11	13.03	13.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	13.49	13.61	13.50	14.5	0
15	QPSK	1	37	13.39	13.46	13.39		
15	QPSK	1	74	13.25	13.29	13.26		
15	QPSK	36	0	13.43	13.51	13.37	14.5	0
15	QPSK	36	20	13.47	13.46	13.49		
15	QPSK	36	39	13.36	13.39	13.43		
15	QPSK	75	0	13.43	13.52	13.44		
15	16QAM	1	0	13.41	13.34	13.37	14.5	0
15	16QAM	1	37	13.46	13.57	13.36		
15	16QAM	1	74	13.23	13.12	13.19		
15	16QAM	36	0	13.03	13.06	13.09	14.5	0
15	16QAM	36	20	13.11	13.04	13.13		
15	16QAM	36	39	12.98	12.97	13.01		
15	16QAM	75	0	13.11	12.95	13.10		
15	64QAM	1	0	13.29	13.22	13.16	14.5	0
15	64QAM	1	37	13.21	13.24	13.13		
15	64QAM	1	74	13.02	13.05	12.97		
15	64QAM	36	0	12.93	12.99	13.02	14.5	0
15	64QAM	36	20	13.04	12.98	13.01		
15	64QAM	36	39	12.90	12.97	12.94		
15	64QAM	75	0	13.01	12.95	13.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	13.52	13.57	13.53	14.5	0
10	QPSK	1	25	13.43	13.42	13.47		
10	QPSK	1	49	13.26	13.22	13.27		
10	QPSK	25	0	13.41	13.48	13.37	14.5	0
10	QPSK	25	12	13.43	13.42	13.54		
10	QPSK	25	25	13.40	13.46	13.41		
10	QPSK	50	0	13.47	13.49	13.43		
10	16QAM	1	0	13.45	13.34	13.41	14.5	0
10	16QAM	1	25	13.39	13.51	13.33		
10	16QAM	1	49	13.18	13.18	13.14		
10	16QAM	25	0	13.05	13.10	13.04	14.5	0
10	16QAM	25	12	13.10	13.01	13.08		
10	16QAM	25	25	12.98	13.01	13.06		
10	16QAM	50	0	13.10	12.99	13.04		
10	64QAM	1	0	13.23	13.18	13.26	14.5	0
10	64QAM	1	25	13.21	13.21	13.09		
10	64QAM	1	49	13.01	13.00	13.03		
10	64QAM	25	0	13.00	12.93	12.94	14.5	0
10	64QAM	25	12	13.08	13.01	13.00		
10	64QAM	25	25	12.92	12.92	12.98		
10	64QAM	50	0	13.00	12.96	13.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	13.52	13.61	13.52	14.5	0
5	QPSK	1	12	13.40	13.39	13.41		
5	QPSK	1	24	13.22	13.28	13.29		
5	QPSK	12	0	13.35	13.52	13.44	14.5	0
5	QPSK	12	7	13.50	13.42	13.55		
5	QPSK	12	13	13.32	13.44	13.36		
5	QPSK	25	0	13.41	13.48	13.47		
5	16QAM	1	0	13.36	13.41	13.44	14.5	0
5	16QAM	1	12	13.50	13.50	13.30		
5	16QAM	1	24	13.25	13.19	13.12		
5	16QAM	12	0	13.03	13.09	13.03	14.5	0
5	16QAM	12	7	13.09	12.97	13.14		
5	16QAM	12	13	12.99	13.04	13.07		
5	16QAM	25	0	13.00	12.97	13.02		
5	64QAM	1	0	13.28	13.25	13.27	14.5	0
5	64QAM	1	12	13.12	13.16	13.14		
5	64QAM	1	24	12.98	13.09	12.94		
5	64QAM	12	0	12.99	12.95	13.03	14.5	0
5	64QAM	12	7	13.08	12.96	13.01		
5	64QAM	12	13	13.00	12.95	12.96		
5	64QAM	25	0	13.04	12.95	12.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	13.50	13.56	13.49	14.5	0
3	QPSK	1	8	13.41	13.37	13.49		
3	QPSK	1	14	13.24	13.22	13.25		
3	QPSK	8	0	13.37	13.57	13.43	14.5	0
3	QPSK	8	4	13.51	13.35	13.44		
3	QPSK	8	7	13.41	13.45	13.37		
3	QPSK	15	0	13.48	13.48	13.41		
3	16QAM	1	0	13.38	13.34	13.43	14.5	0
3	16QAM	1	8	13.46	13.60	13.30		
3	16QAM	1	14	13.25	13.15	13.14		
3	16QAM	8	0	12.99	13.04	13.02	14.5	0
3	16QAM	8	4	13.10	13.03	13.05		
3	16QAM	8	7	13.07	13.05	12.98		
3	16QAM	15	0	13.01	12.93	13.11		
3	64QAM	1	0	13.19	13.18	13.20	14.5	0
3	64QAM	1	8	13.21	13.19	13.10		
3	64QAM	1	14	13.04	13.01	12.99		
3	64QAM	8	0	12.93	13.02	13.01	14.5	0
3	64QAM	8	4	13.08	12.94	12.99		
3	64QAM	8	7	12.98	12.91	12.98		
3	64QAM	15	0	13.04	12.88	13.02		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.52	13.52	13.48	14.5	0
1.4	QPSK	1	3	13.35	13.43	13.46		
1.4	QPSK	1	5	13.21	13.27	13.22		
1.4	QPSK	3	0	13.37	13.57	13.39		
1.4	QPSK	3	1	13.41	13.41	13.52		
1.4	QPSK	3	3	13.32	13.44	13.45		
1.4	QPSK	6	0	13.47	13.51	13.49	14.5	0
1.4	16QAM	1	0	13.44	13.43	13.45	14.5	0
1.4	16QAM	1	3	13.40	13.54	13.36		
1.4	16QAM	1	5	13.23	13.17	13.19		
1.4	16QAM	3	0	13.05	13.08	13.11		
1.4	16QAM	3	1	13.15	12.95	13.11		
1.4	16QAM	3	3	13.02	12.97	12.98		
1.4	16QAM	6	0	13.02	13.03	13.11	14.5	0
1.4	64QAM	1	0	13.19	13.17	13.20	14.5	0
1.4	64QAM	1	3	13.23	13.20	13.13		
1.4	64QAM	1	5	13.06	13.03	13.00		
1.4	64QAM	3	0	12.96	12.94	12.99		
1.4	64QAM	3	1	13.00	13.02	13.06		
1.4	64QAM	3	3	12.90	12.91	12.94		
1.4	64QAM	6	0	13.02	12.89	13.02	14.5	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	25	0
1.4	16QAM	1	0	23.13	23.14	23.22	25	0
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	25	0
1.4	64QAM	1	0	21.97	22.02	21.96	25	0
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	25	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.79	16.83	16.81	18	0
20	QPSK	1	49	16.68	16.76	16.73		
20	QPSK	1	99	16.58	16.62	16.58		
20	QPSK	50	0	16.72	16.82	16.76	18	0
20	QPSK	50	24	16.79	16.73	16.81		
20	QPSK	50	50	16.71	16.71	16.68		
20	QPSK	100	0	16.36	16.38	16.35		
20	16QAM	1	0	16.62	16.76	16.73	18	0
20	16QAM	1	49	16.66	16.71	16.65		
20	16QAM	1	99	16.46	16.53	16.42		
20	16QAM	50	0	16.32	16.37	16.35	18	0
20	16QAM	50	24	16.39	16.34	16.40		
20	16QAM	50	50	16.29	16.31	16.30		
20	16QAM	100	0	16.34	16.29	16.35		
20	64QAM	1	0	16.54	16.60	16.59	18	0
20	64QAM	1	49	16.52	16.62	16.55		
20	64QAM	1	99	16.48	16.45	16.39		
20	64QAM	50	0	16.34	16.39	16.37	18	0
20	64QAM	50	24	16.38	16.34	16.41		
20	64QAM	50	50	16.32	16.34	16.30		
20	64QAM	100	0	16.36	16.31	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.74	16.77	16.69	18	0
15	QPSK	1	37	16.63	16.64	16.60		
15	QPSK	1	74	16.53	16.48	16.47		
15	QPSK	36	0	16.60	16.66	16.62	18	0
15	QPSK	36	20	16.74	16.58	16.68		
15	QPSK	36	39	16.56	16.66	16.55		
15	QPSK	75	0	16.26	16.22	16.19		
15	16QAM	1	0	16.46	16.61	16.65	18	0
15	16QAM	1	37	16.52	16.59	16.57		
15	16QAM	1	74	16.35	16.44	16.36		
15	16QAM	36	0	16.19	16.21	16.28	18	0
15	16QAM	36	20	16.23	16.19	16.32		
15	16QAM	36	39	16.22	16.24	16.21		
15	16QAM	75	0	16.22	16.14	16.29		
15	64QAM	1	0	16.46	16.45	16.50	18	0
15	64QAM	1	37	16.39	16.55	16.43		
15	64QAM	1	74	16.39	16.35	16.33		
15	64QAM	36	0	16.25	16.31	16.25	18	0
15	64QAM	36	20	16.24	16.29	16.32		
15	64QAM	36	39	16.25	16.19	16.17		
15	64QAM	75	0	16.29	16.24	16.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.63	16.68	16.72	18	0
10	QPSK	1	25	16.54	16.62	16.60		
10	QPSK	1	49	16.52	16.54	16.44		
10	QPSK	25	0	16.63	16.71	16.64	18	0
10	QPSK	25	12	16.67	16.66	16.66		
10	QPSK	25	25	16.56	16.55	16.63		
10	QPSK	50	0	16.28	16.33	16.20		
10	16QAM	1	0	16.46	16.67	16.65	18	0
10	16QAM	1	25	16.51	16.64	16.54		
10	16QAM	1	49	16.32	16.48	16.30		
10	16QAM	25	0	16.21	16.29	16.26	18	0
10	16QAM	25	12	16.29	16.24	16.30		
10	16QAM	25	25	16.17	16.22	16.20		
10	16QAM	50	0	16.21	16.13	16.19		
10	64QAM	1	0	16.40	16.44	16.47	18	0
10	64QAM	1	25	16.41	16.56	16.41		
10	64QAM	1	49	16.33	16.32	16.25		
10	64QAM	25	0	16.23	16.29	16.31	18	0
10	64QAM	25	12	16.23	16.28	16.36		
10	64QAM	25	25	16.26	16.20	16.19		
10	64QAM	50	0	16.31	16.23	16.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.74	16.78	16.72	18	0
5	QPSK	1	12	16.59	16.61	16.67		
5	QPSK	1	24	16.42	16.53	16.53		
5	QPSK	12	0	16.67	16.71	16.63	18	0
5	QPSK	12	7	16.69	16.65	16.73		
5	QPSK	12	13	16.58	16.59	16.62		
5	QPSK	25	0	16.21	16.25	16.24		
5	16QAM	1	0	16.47	16.61	16.65	18	0
5	16QAM	1	12	16.52	16.64	16.58		
5	16QAM	1	24	16.37	16.48	16.34		
5	16QAM	12	0	16.27	16.32	16.23	18	0
5	16QAM	12	7	16.31	16.23	16.27		
5	16QAM	12	13	16.15	16.21	16.15		
5	16QAM	25	0	16.18	16.17	16.19		
5	64QAM	1	0	16.48	16.47	16.48	18	0
5	64QAM	1	12	16.37	16.51	16.45		
5	64QAM	1	24	16.35	16.35	16.24		
5	64QAM	12	0	16.22	16.29	16.28	18	0
5	64QAM	12	7	16.22	16.20	16.28		
5	64QAM	12	13	16.19	16.28	16.22		
5	64QAM	25	0	16.30	16.26	16.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.73	16.70	16.66	18	0
3	QPSK	1	8	16.53	16.68	16.57		
3	QPSK	1	14	16.50	16.48	16.48		
3	QPSK	8	0	16.59	16.67	16.61	18	0
3	QPSK	8	4	16.71	16.67	16.68		
3	QPSK	8	7	16.61	16.62	16.60		
3	QPSK	15	0	16.29	16.25	16.30		
3	16QAM	1	0	16.56	16.62	16.58	18	0
3	16QAM	1	8	16.53	16.64	16.55		
3	16QAM	1	14	16.39	16.44	16.34		
3	16QAM	8	0	16.19	16.32	16.27	18	0
3	16QAM	8	4	16.25	16.29	16.26		
3	16QAM	8	7	16.20	16.24	16.21		
3	16QAM	15	0	16.28	16.21	16.26		
3	64QAM	1	0	16.47	16.54	16.44	18	0
3	64QAM	1	8	16.37	16.46	16.39		
3	64QAM	1	14	16.39	16.39	16.27		
3	64QAM	8	0	16.19	16.23	16.24	18	0
3	64QAM	8	4	16.24	16.22	16.35		
3	64QAM	8	7	16.26	16.22	16.25		
3	64QAM	15	0	16.20	16.16	16.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.74	16.74	16.72	18	0
1.4	QPSK	1	3	16.60	16.65	16.68		
1.4	QPSK	1	5	16.44	16.51	16.53		
1.4	QPSK	3	0	16.61	16.74	16.71		
1.4	QPSK	3	1	16.63	16.58	16.69		
1.4	QPSK	3	3	16.59	16.61	16.58		
1.4	QPSK	6	0	16.21	16.23	16.24	18	0
1.4	16QAM	1	0	16.46	16.64	16.57	18	0
1.4	16QAM	1	3	16.60	16.63	16.50		
1.4	16QAM	1	5	16.41	16.39	16.30		
1.4	16QAM	3	0	16.16	16.28	16.19		
1.4	16QAM	3	1	16.34	16.20	16.28		
1.4	16QAM	3	3	16.21	16.25	16.17		
1.4	16QAM	6	0	16.20	16.22	16.24	18	0
1.4	64QAM	1	0	16.39	16.51	16.51	18	0
1.4	64QAM	1	3	16.45	16.46	16.39		
1.4	64QAM	1	5	16.39	16.30	16.25		
1.4	64QAM	3	0	16.27	16.33	16.28		
1.4	64QAM	3	1	16.24	16.21	16.26		
1.4	64QAM	3	3	16.20	16.20	16.24		
1.4	64QAM	6	0	16.27	16.23	16.31	18	0

Band 5_Ant 11

BW [MHz]	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	20.20	20.45	20.18	21.5	0
10	QPSK	1	25	20.16	20.12	20.24		
10	QPSK	1	49	20.03	20.20	20.05		
10	QPSK	25	0	20.31	20.34	20.19	21.5	0
10	QPSK	25	12	20.31	20.24	20.29		
10	QPSK	25	25	20.29	20.25	20.20		
10	QPSK	50	0	20.31	20.32	20.25		
10	16QAM	1	0	20.25	20.28	20.16	21.5	0
10	16QAM	1	25	20.26	20.12	19.74		
10	16QAM	1	49	20.18	20.38	20.39		
10	16QAM	25	0	20.37	20.23	20.23	21.5	0
10	16QAM	25	12	20.38	20.15	20.26		
10	16QAM	25	25	20.34	20.38	20.35		
10	16QAM	50	0	20.37	20.31	20.26		
10	64QAM	1	0	20.43	19.86	19.89	21.5	0
10	64QAM	1	25	20.01	20.08	20.06		
10	64QAM	1	49	20.08	20.14	19.71		
10	64QAM	25	0	20.30	20.33	20.20	21.5	0
10	64QAM	25	12	20.31	20.21	20.39		
10	64QAM	25	25	20.34	20.27	20.34		
10	64QAM	50	0	20.38	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.14	20.40	20.08	21.5	0
5	QPSK	1	12	20.01	20.02	20.19		
5	QPSK	1	24	19.92	20.05	19.90		
5	QPSK	12	0	20.17	20.25	20.09	21.5	0
5	QPSK	12	7	20.17	20.19	20.15		
5	QPSK	12	13	20.23	20.17	20.15		
5	QPSK	25	0	20.26	20.21	20.12		
5	16QAM	1	0	20.18	20.19	20.05	21.5	0
5	16QAM	1	12	20.19	19.96	19.66		
5	16QAM	1	24	20.12	20.30	20.27		
5	16QAM	12	0	20.32	20.09	20.13	21.5	0
5	16QAM	12	7	20.31	20.10	20.21		
5	16QAM	12	13	20.24	20.30	20.28		
5	16QAM	25	0	20.29	20.17	20.17		
5	64QAM	1	0	20.31	19.71	19.82	21.5	0
5	64QAM	1	12	19.93	19.96	19.91		
5	64QAM	1	24	19.96	20.07	19.59		
5	64QAM	12	0	20.20	20.24	20.13	21.5	0
5	64QAM	12	7	20.21	20.15	20.26		
5	64QAM	12	13	20.26	20.12	20.19		
5	64QAM	25	0	20.32	20.13	20.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.05	20.36	20.13	21.5	0
3	QPSK	1	8	20.00	20.03	20.15		
3	QPSK	1	14	19.98	20.04	19.91		
3	QPSK	8	0	20.23	20.22	20.07	21.5	0
3	QPSK	8	4	20.22	20.11	20.24		
3	QPSK	8	7	20.20	20.15	20.13		
3	QPSK	15	0	20.20	20.24	20.11		
3	16QAM	1	0	20.20	20.14	20.01	21.5	0
3	16QAM	1	8	20.12	20.00	19.65		
3	16QAM	1	14	20.03	20.29	20.26		
3	16QAM	8	0	20.32	20.14	20.07	21.5	0
3	16QAM	8	4	20.31	20.10	20.17		
3	16QAM	8	7	20.28	20.23	20.22		
3	16QAM	15	0	20.21	20.16	20.21		
3	64QAM	1	0	20.38	19.73	19.80	21.5	0
3	64QAM	1	8	19.94	20.03	19.93		
3	64QAM	1	14	19.96	20.03	19.64		
3	64QAM	8	0	20.18	20.25	20.15	21.5	0
3	64QAM	8	4	20.16	20.08	20.32		
3	64QAM	8	7	20.19	20.12	20.25		
3	64QAM	15	0	20.28	20.13	20.12		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.09	20.35	20.11	21.5	0
1.4	QPSK	1	3	20.11	20.01	20.15		
1.4	QPSK	1	5	19.89	20.05	19.96		
1.4	QPSK	3	0	20.25	20.21	20.09		
1.4	QPSK	3	1	20.16	20.18	20.13		
1.4	QPSK	3	3	20.21	20.17	20.13		
1.4	QPSK	6	0	20.21	20.25	20.20	21.5	0
1.4	16QAM	1	0	20.10	20.17	20.11	21.5	0
1.4	16QAM	1	3	20.10	20.06	19.64		
1.4	16QAM	1	5	20.12	20.28	20.23		
1.4	16QAM	3	0	20.26	20.09	20.08		
1.4	16QAM	3	1	20.33	20.01	20.15		
1.4	16QAM	3	3	20.26	20.32	20.25		
1.4	16QAM	6	0	20.28	20.19	20.13	21.5	0
1.4	64QAM	1	0	20.33	19.77	19.74	21.5	0
1.4	64QAM	1	3	19.92	19.97	19.90		
1.4	64QAM	1	5	19.95	20.03	19.66		
1.4	64QAM	3	0	20.19	20.18	20.13		
1.4	64QAM	3	1	20.19	20.15	20.25		
1.4	64QAM	3	3	20.28	20.11	20.25		
1.4	64QAM	6	0	20.22	20.14	20.05	21.5	0

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.30	13.58	13.37	14	0
20	QPSK	1	49	13.21	13.38	13.36		
20	QPSK	1	99	13.22	13.38	13.34		
20	QPSK	50	0	13.38	13.56	13.55	14	0
20	QPSK	50	24	13.34	13.42	13.49		
20	QPSK	50	50	13.27	13.54	13.53		
20	QPSK	100	0	13.34	13.43	13.42		
20	16QAM	1	0	13.15	13.33	13.26	14	0
20	16QAM	1	49	13.21	13.51	13.37		
20	16QAM	1	99	13.17	13.45	13.34		
20	16QAM	50	0	13.03	13.13	13.16	14	0
20	16QAM	50	24	13.09	13.18	13.24		
20	16QAM	50	50	13.05	13.25	13.22		
20	16QAM	100	0	13.05	13.13	13.15		
20	64QAM	1	0	13.07	13.20	13.27	14	0
20	64QAM	1	49	13.12	13.30	13.31		
20	64QAM	1	99	13.15	13.35	13.36		
20	64QAM	50	0	13.04	13.11	13.13	14	0
20	64QAM	50	24	13.04	13.19	13.20		
20	64QAM	50	50	13.05	13.22	13.21		
20	64QAM	100	0	13.05	13.11	13.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.25	13.47	13.27	14	0
15	QPSK	1	37	13.09	13.32	13.30		
15	QPSK	1	74	13.11	13.27	13.22		
15	QPSK	36	0	13.24	13.47	13.40	14	0
15	QPSK	36	20	13.23	13.36	13.42		
15	QPSK	36	39	13.22	13.47	13.47		
15	QPSK	75	0	13.20	13.30	13.37		
15	16QAM	1	0	13.05	13.19	13.10	14	0
15	16QAM	1	37	13.14	13.40	13.31		
15	16QAM	1	74	13.10	13.30	13.27		
15	16QAM	36	0	13.18	13.23	13.29	14	0
15	16QAM	36	20	13.20	13.31	13.37		
15	16QAM	36	39	13.17	13.32	13.34		
15	16QAM	75	0	13.12	13.20	13.25		
15	64QAM	1	0	13.22	13.25	13.38	14	0
15	64QAM	1	37	13.19	13.41	13.46		
15	64QAM	1	74	13.29	13.48	13.47		
15	64QAM	36	0	13.13	13.19	13.28	14	0
15	64QAM	36	20	13.19	13.23	13.26		
15	64QAM	36	39	13.17	13.34	13.36		
15	64QAM	75	0	13.16	13.16	13.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.23	13.45	13.31	14	0
10	QPSK	1	25	13.13	13.28	13.31		
10	QPSK	1	49	13.11	13.27	13.18		
10	QPSK	25	0	13.27	13.49	13.42	14	0
10	QPSK	25	12	13.28	13.37	13.44		
10	QPSK	25	25	13.22	13.48	13.46		
10	QPSK	50	0	13.25	13.28	13.30		
10	16QAM	1	0	13.06	13.27	13.20	14	0
10	16QAM	1	25	13.05	13.45	13.30		
10	16QAM	1	49	13.07	13.33	13.29		
10	16QAM	25	0	13.09	13.28	13.22	14	0
10	16QAM	25	12	13.14	13.25	13.36		
10	16QAM	25	25	13.16	13.35	13.36		
10	16QAM	50	0	13.12	13.26	13.19		
10	64QAM	1	0	13.19	13.33	13.35	14	0
10	64QAM	1	25	13.17	13.44	13.46		
10	64QAM	1	49	13.30	13.39	13.47		
10	64QAM	25	0	13.11	13.18	13.28	14	0
10	64QAM	25	12	13.08	13.23	13.30		
10	64QAM	25	25	13.11	13.29	13.32		
10	64QAM	50	0	13.11	13.20	13.29		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.21	13.50	13.22	14	0
5	QPSK	1	12	13.12	13.25	13.21		
5	QPSK	1	24	13.07	13.24	13.23		
5	QPSK	12	0	13.22	13.51	13.43	14	0
5	QPSK	12	7	13.26	13.37	13.37		
5	QPSK	12	13	13.22	13.46	13.37		
5	QPSK	25	0	13.22	13.34	13.26		
5	16QAM	1	0	13.07	13.20	13.12	14	0
5	16QAM	1	12	13.11	13.36	13.26		
5	16QAM	1	24	13.08	13.40	13.27		
5	16QAM	12	0	13.11	13.17	13.26	14	0
5	16QAM	12	7	13.23	13.25	13.30		
5	16QAM	12	13	13.19	13.33	13.29		
5	16QAM	25	0	13.20	13.20	13.20		
5	64QAM	1	0	13.19	13.28	13.36	14	0
5	64QAM	1	12	13.23	13.40	13.46		
5	64QAM	1	24	13.27	13.47	13.50		
5	64QAM	12	0	13.19	13.25	13.23	14	0
5	64QAM	12	7	13.17	13.25	13.30		
5	64QAM	12	13	13.09	13.30	13.36		
5	64QAM	25	0	13.15	13.26	13.21		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.18	17.49	17.37	18.5	0
20	QPSK	1	49	17.09	17.30	17.24		
20	QPSK	1	99	17.07	17.28	17.29		
20	QPSK	50	0	17.25	17.45	17.36	18.5	0
20	QPSK	50	24	17.23	17.34	17.31		
20	QPSK	50	50	17.22	17.37	17.27		
20	QPSK	100	0	17.22	17.34	17.31		
20	16QAM	1	0	17.14	17.23	17.32	18.5	0
20	16QAM	1	49	17.39	17.40	17.44		
20	16QAM	1	99	17.23	17.46	17.41		
20	16QAM	50	0	16.93	17.07	17.18	18.5	0
20	16QAM	50	24	17.06	17.11	17.22		
20	16QAM	50	50	17.05	17.19	17.29		
20	16QAM	100	0	17.04	17.11	17.21		
20	64QAM	1	0	17.13	17.19	17.26	18.5	0
20	64QAM	1	49	17.18	17.37	17.33		
20	64QAM	1	99	17.11	17.35	17.38		
20	64QAM	50	0	16.96	17.09	17.16	18.5	0
20	64QAM	50	24	17.07	17.14	17.22		
20	64QAM	50	50	17.05	17.23	17.29		
20	64QAM	100	0	17.05	17.22	17.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.03	17.38	17.28	18.5	0
15	QPSK	1	37	17.02	17.20	17.19		
15	QPSK	1	74	16.94	17.17	17.23		
15	QPSK	36	0	17.14	17.39	17.23	18.5	0
15	QPSK	36	20	17.17	17.28	17.15		
15	QPSK	36	39	17.13	17.28	17.16		
15	QPSK	75	0	17.15	17.20	17.15		
15	16QAM	1	0	17.01	17.18	17.26	18.5	0
15	16QAM	1	37	17.33	17.28	17.29		
15	16QAM	1	74	17.14	17.38	17.29		
15	16QAM	36	0	16.83	16.95	17.06	18.5	0
15	16QAM	36	20	16.90	17.01	17.12		
15	16QAM	36	39	16.96	17.10	17.14		
15	16QAM	75	0	16.97	16.98	17.11		
15	64QAM	1	0	17.03	17.08	17.13	18.5	0
15	64QAM	1	37	17.12	17.32	17.25		
15	64QAM	1	74	16.99	17.23	17.26		
15	64QAM	36	0	16.89	17.04	17.07	18.5	0
15	64QAM	36	20	16.97	17.04	17.08		
15	64QAM	36	39	16.94	17.08	17.17		
15	64QAM	75	0	16.98	17.17	17.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.10	17.34	17.25	18.5	0
10	QPSK	1	25	16.99	17.18	17.17		
10	QPSK	1	49	16.93	17.22	17.18		
10	QPSK	25	0	17.11	17.37	17.30	18.5	0
10	QPSK	25	12	17.07	17.24	17.20		
10	QPSK	25	25	17.14	17.23	17.13		
10	QPSK	50	0	17.12	17.18	17.16		
10	16QAM	1	0	17.08	17.13	17.27	18.5	0
10	16QAM	1	25	17.32	17.25	17.28		
10	16QAM	1	49	17.15	17.33	17.32		
10	16QAM	25	0	16.80	16.93	17.08	18.5	0
10	16QAM	25	12	17.00	16.98	17.07		
10	16QAM	25	25	17.00	17.13	17.17		
10	16QAM	50	0	16.97	17.05	17.06		
10	64QAM	1	0	16.98	17.06	17.11	18.5	0
10	64QAM	1	25	17.12	17.23	17.20		
10	64QAM	1	49	17.05	17.28	17.29		
10	64QAM	25	0	16.90	16.94	17.09	18.5	0
10	64QAM	25	12	16.99	17.04	17.15		
10	64QAM	25	25	16.97	17.07	17.24		
10	64QAM	50	0	16.99	17.07	17.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.13	17.41	17.24	18.5	0
5	QPSK	1	12	16.99	17.20	17.11		
5	QPSK	1	24	16.91	17.16	17.19		
5	QPSK	12	0	17.14	17.30	17.20	18.5	0
5	QPSK	12	7	17.17	17.24	17.23		
5	QPSK	12	13	17.15	17.26	17.19		
5	QPSK	25	0	17.13	17.27	17.20		
5	16QAM	1	0	17.05	17.11	17.24	18.5	0
5	16QAM	1	12	17.24	17.34	17.39		
5	16QAM	1	24	17.07	17.31	17.26		
5	16QAM	12	0	16.83	16.91	17.11	18.5	0
5	16QAM	12	7	16.95	16.99	17.09		
5	16QAM	12	13	16.89	17.10	17.23		
5	16QAM	25	0	16.90	16.97	17.13		
5	64QAM	1	0	17.08	17.04	17.16	18.5	0
5	64QAM	1	12	17.07	17.30	17.28		
5	64QAM	1	24	17.05	17.23	17.27		
5	64QAM	12	0	16.85	16.95	17.00	18.5	0
5	64QAM	12	7	16.98	17.07	17.07		
5	64QAM	12	13	16.91	17.08	17.21		
5	64QAM	25	0	16.89	17.09	17.10		

Band 12_Ant 11

BW [MHz]	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	22.82	22.86	22.84	24	0
10	QPSK	1	25	22.76	22.84	22.75		
10	QPSK	1	49	22.72	22.80	22.76		
10	QPSK	25	0	22.73	22.78	22.65	24	0
10	QPSK	25	12	22.71	22.69	22.61		
10	QPSK	25	25	22.68	22.75	22.62		
10	QPSK	50	0	22.81	22.83	22.73		
10	16QAM	1	0	22.85	22.34	22.51	24	0
10	16QAM	1	25	22.81	22.80	22.28		
10	16QAM	1	49	22.53	22.69	22.23		
10	16QAM	25	0	21.72	21.69	21.72	23	1
10	16QAM	25	12	21.73	21.67	21.63		
10	16QAM	25	25	21.67	21.67	21.70		
10	16QAM	50	0	21.68	21.60	21.82		
10	64QAM	1	0	21.62	21.71	21.70	23	1
10	64QAM	1	25	21.92	21.36	22.21		
10	64QAM	1	49	21.98	21.47	21.98		
10	64QAM	25	0	20.67	20.69	20.62	22	2
10	64QAM	25	12	20.94	20.78	20.64		
10	64QAM	25	25	20.85	20.93	20.70		
10	64QAM	50	0	20.75	20.74	20.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.76	22.77	22.75	24	0
5	QPSK	1	12	22.70	22.72	22.68		
5	QPSK	1	24	22.62	22.75	22.68		
5	QPSK	12	0	22.63	22.68	22.55	24	0
5	QPSK	12	7	22.55	22.55	22.49		
5	QPSK	12	13	22.57	22.67	22.49		
5	QPSK	25	0	22.68	22.71	22.67		
5	16QAM	1	0	22.70	22.22	22.38	24	0
5	16QAM	1	12	22.75	22.71	22.21		
5	16QAM	1	24	22.43	22.54	22.17		
5	16QAM	12	0	21.61	21.59	21.57	23	1
5	16QAM	12	7	21.60	21.55	21.48		
5	16QAM	12	13	21.55	21.52	21.58		
5	16QAM	25	0	21.53	21.54	21.73		
5	64QAM	1	0	21.56	21.57	21.63	23	1
5	64QAM	1	12	21.86	21.30	22.05		
5	64QAM	1	24	21.83	21.42	21.82		
5	64QAM	12	0	20.52	20.61	20.53	22	2
5	64QAM	12	7	20.79	20.70	20.56		
5	64QAM	12	13	20.77	20.84	20.58		
5	64QAM	25	0	20.61	20.66	20.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.75	22.71	22.72	24	0
3	QPSK	1	8	22.60	22.78	22.66		
3	QPSK	1	14	22.67	22.66	22.63		
3	QPSK	8	0	22.64	22.68	22.58	24	0
3	QPSK	8	4	22.55	22.57	22.50		
3	QPSK	8	7	22.56	22.62	22.57		
3	QPSK	15	0	22.70	22.67	22.66		
3	16QAM	1	0	22.72	22.18	22.44	24	0
3	16QAM	1	8	22.68	22.71	22.18		
3	16QAM	1	14	22.44	22.57	22.11		
3	16QAM	8	0	21.67	21.58	21.61	23	1
3	16QAM	8	4	21.61	21.54	21.48		
3	16QAM	8	7	21.58	21.58	21.65		
3	16QAM	15	0	21.61	21.48	21.66		
3	64QAM	1	0	21.57	21.56	21.64	23	1
3	64QAM	1	8	21.78	21.27	22.15		
3	64QAM	1	14	21.85	21.38	21.90		
3	64QAM	8	0	20.54	20.54	20.57	22	2
3	64QAM	8	4	20.86	20.63	20.50		
3	64QAM	8	7	20.76	20.81	20.54		
3	64QAM	15	0	20.64	20.68	20.69		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.78	22.71	24	0
1.4	QPSK	1	3	22.60	22.79	22.64		
1.4	QPSK	1	5	22.57	22.68	22.65		
1.4	QPSK	3	0	22.64	22.66	22.51		
1.4	QPSK	3	1	22.64	22.57	22.54		
1.4	QPSK	3	3	22.62	22.67	22.49		
1.4	QPSK	6	0	22.67	22.70	22.58	24	0
1.4	16QAM	1	0	22.76	22.26	22.46	24	0
1.4	16QAM	1	3	22.72	22.71	22.21		
1.4	16QAM	1	5	22.38	22.53	22.16		
1.4	16QAM	3	0	22.71	22.14	22.31		
1.4	16QAM	3	1	22.65	22.58	22.10		
1.4	16QAM	3	3	22.25	22.41	22.05		
1.4	16QAM	6	0	21.63	21.55	21.76	23	1
1.4	64QAM	1	0	21.47	21.60	21.64	23	1
1.4	64QAM	1	3	21.85	21.26	22.11		
1.4	64QAM	1	5	21.88	21.40	21.84		
1.4	64QAM	3	0	21.38	21.46	21.55		
1.4	64QAM	3	1	21.70	21.11	21.96		
1.4	64QAM	3	3	21.81	21.28	21.74		
1.4	64QAM	6	0	20.66	20.60	20.70	22	2

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		22.88		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.74			
10	QPSK	25	0		22.80		24	0
10	QPSK	25	12		22.71			
10	QPSK	25	25		22.73			
10	QPSK	50	0		22.86			
10	16QAM	1	0		22.84		24	0
10	16QAM	1	25		22.81			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.69		23	1
10	16QAM	25	12		21.82			
10	16QAM	25	25		21.88			
10	16QAM	50	0		21.77			
10	64QAM	1	0		21.88		23	1
10	64QAM	1	25		22.03			
10	64QAM	1	49		21.75			
10	64QAM	25	0		20.73		22	2
10	64QAM	25	12		20.83			
10	64QAM	25	25		20.76			
10	64QAM	50	0		20.72			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.77	22.77	24	0
5	QPSK	1	12	22.73	22.73	22.62		
5	QPSK	1	24	22.67	22.69	22.69		
5	QPSK	12	0	22.72	22.69	22.64	24	0
5	QPSK	12	7	22.65	22.57	22.60		
5	QPSK	12	13	22.68	22.60	22.62		
5	QPSK	25	0	22.76	22.73	22.71		
5	16QAM	1	0	22.69	22.73	22.74	24	0
5	16QAM	1	12	22.76	22.66	22.76		
5	16QAM	1	24	22.72	22.78	22.79		
5	16QAM	12	0	21.53	21.53	21.64	23	1
5	16QAM	12	7	21.74	21.68	21.74		
5	16QAM	12	13	21.77	21.72	21.72		
5	16QAM	25	0	21.71	21.61	21.67		
5	64QAM	1	0	21.81	21.76	21.80	23	1
5	64QAM	1	12	21.90	21.94	21.94		
5	64QAM	1	24	21.62	21.61	21.59		
5	64QAM	12	0	20.64	20.61	20.59	22	2
5	64QAM	12	7	20.71	20.69	20.70		
5	64QAM	12	13	20.63	20.60	20.65		
5	64QAM	25	0	20.67	20.67	20.66		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.44	22.77	22.59	24	0
10	QPSK	1	25	22.60	22.69	22.71		
10	QPSK	1	49	22.69	22.65	22.63		
10	QPSK	25	0	22.72	22.76	22.65	24	0
10	QPSK	25	12	22.73	22.72	22.71		
10	QPSK	25	25	22.72	22.75	22.72		
10	QPSK	50	0	22.73	22.75	22.72		
10	16QAM	1	0	22.76	22.16	22.46	24	0
10	16QAM	1	25	22.59	22.40	22.61		
10	16QAM	1	49	22.67	22.29	22.31		
10	16QAM	25	0	21.71	21.70	21.72	23	1
10	16QAM	25	12	21.70	21.75	21.76		
10	16QAM	25	25	21.75	21.70	21.74		
10	16QAM	50	0	21.65	21.61	21.54		
10	64QAM	1	0	22.25	21.29	21.74	23	1
10	64QAM	1	25	22.08	21.66	21.81		
10	64QAM	1	49	21.94	21.72	21.70		
10	64QAM	25	0	20.67	20.57	20.59	22	2
10	64QAM	25	12	20.84	20.60	20.83		
10	64QAM	25	25	20.63	20.72	20.73		
10	64QAM	50	0	20.80	20.68	20.56		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.28	22.70	22.53	24	0
5	QPSK	1	12	22.44	22.61	22.64		
5	QPSK	1	24	22.56	22.54	22.52		
5	QPSK	12	0	22.60	22.67	22.51	24	0
5	QPSK	12	7	22.62	22.61	22.64		
5	QPSK	12	13	22.62	22.60	22.64		
5	QPSK	25	0	22.67	22.65	22.61		
5	16QAM	1	0	22.70	22.05	22.34	24	0
5	16QAM	1	12	22.52	22.27	22.52		
5	16QAM	1	24	22.58	22.13	22.25		
5	16QAM	12	0	21.63	21.61	21.59	23	1
5	16QAM	12	7	21.55	21.66	21.70		
5	16QAM	12	13	21.60	21.63	21.59		
5	16QAM	25	0	21.59	21.51	21.43		
5	64QAM	1	0	22.10	21.20	21.68	23	1
5	64QAM	1	12	22.01	21.56	21.71		
5	64QAM	1	24	21.78	21.62	21.63		
5	64QAM	12	0	20.51	20.51	20.50	22	2
5	64QAM	12	7	20.75	20.53	20.70		
5	64QAM	12	13	20.54	20.67	20.61		
5	64QAM	25	0	20.75	20.52	20.45		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		20.36		21.5	0
15	QPSK	1	37		20.05			
15	QPSK	1	74		19.99			
15	QPSK	36	0		20.33		21.5	0
15	QPSK	36	20		20.29			
15	QPSK	36	39		20.12			
15	QPSK	75	0		20.04			
15	16QAM	1	0		20.06		21.5	0
15	16QAM	1	37		20.29			
15	16QAM	1	74		20.14			
15	16QAM	36	0		20.23		21.5	0
15	16QAM	36	20		20.27			
15	16QAM	36	39		20.12			
15	16QAM	75	0		20.13			
15	64QAM	1	0		19.64		21.5	0
15	64QAM	1	37		20.27			
15	64QAM	1	74		20.24			
15	64QAM	36	0		20.26		21.5	0
15	64QAM	36	20		20.35			
15	64QAM	36	39		20.17			
15	64QAM	75	0		20.13			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	20.26	20.25	20.28	21.5	0
10	QPSK	1	25	19.96	19.91	19.94		
10	QPSK	1	49	19.91	19.92	19.90		
10	QPSK	25	0	20.19	20.20	20.27	21.5	0
10	QPSK	25	12	20.21	20.17	20.24		
10	QPSK	25	25	20.03	20.02	20.06		
10	QPSK	50	0	19.97	19.93	19.89		
10	16QAM	1	0	19.97	19.92	19.97	21.5	0
10	16QAM	1	25	20.20	20.13	20.14		
10	16QAM	1	49	20.05	20.09	20.02		
10	16QAM	25	0	20.08	20.08	20.09	21.5	0
10	16QAM	25	12	20.16	20.21	20.22		
10	16QAM	25	25	20.06	20.04	19.99		
10	16QAM	50	0	20.04	20.05	19.98		
10	64QAM	1	0	19.55	19.51	19.51	21.5	0
10	64QAM	1	25	20.16	20.16	20.20		
10	64QAM	1	49	20.14	20.19	20.14		
10	64QAM	25	0	20.18	20.14	20.10	21.5	0
10	64QAM	25	12	20.29	20.26	20.22		
10	64QAM	25	25	20.12	20.02	20.08		
10	64QAM	50	0	20.08	20.00	20.01		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	20.30	20.31	20.27	21.5	0
5	QPSK	1	12	19.90	19.98	20.00		
5	QPSK	1	24	19.85	19.89	19.93		
5	QPSK	12	0	20.22	20.21	20.28	21.5	0
5	QPSK	12	7	20.23	20.18	20.15		
5	QPSK	12	13	19.99	20.02	19.96		
5	QPSK	25	0	19.91	19.94	19.96		
5	16QAM	1	0	19.99	19.90	19.98	21.5	0
5	16QAM	1	12	20.20	20.17	20.23		
5	16QAM	1	24	20.08	19.99	20.05		
5	16QAM	12	0	20.14	20.16	20.13	21.5	0
5	16QAM	12	7	20.11	20.12	20.16		
5	16QAM	12	13	19.99	20.05	19.97		
5	16QAM	25	0	19.97	19.99	20.08		
5	64QAM	1	0	19.59	19.53	19.54	21.5	0
5	64QAM	1	12	20.12	20.15	20.16		
5	64QAM	1	24	20.18	20.14	20.18		
5	64QAM	12	0	20.10	20.16	20.16	21.5	0
5	64QAM	12	7	20.26	20.29	20.20		
5	64QAM	12	13	20.08	20.04	20.05		
5	64QAM	25	0	20.06	20.07	20.07		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.86		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.56			
15	QPSK	36	0		22.71		24	1
15	QPSK	36	20		22.66			
15	QPSK	36	39		22.60			
15	QPSK	75	0		22.54			
15	16QAM	1	0		22.89		24	1
15	16QAM	1	37		22.69			
15	16QAM	1	74		22.91			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.76			
15	16QAM	36	39		21.76			
15	16QAM	75	0		21.55			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		21.93			
15	64QAM	1	74		21.99			
15	64QAM	36	0		20.77		22	3
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.68			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.75	23.62	23.69	25	0
10	QPSK	1	25	23.75	23.63	23.68		
10	QPSK	1	49	23.62	23.67	23.55		
10	QPSK	25	0	22.72	22.73	22.67	24	1
10	QPSK	25	12	22.86	22.67	22.82		
10	QPSK	25	25	22.65	22.75	22.73		
10	QPSK	50	0	22.79	22.71	22.82		
10	16QAM	1	0	23.12	23.01	23.13	24	1
10	16QAM	1	25	23.02	22.95	23.20		
10	16QAM	1	49	23.44	23.18	23.20		
10	16QAM	25	0	21.72	21.77	21.65	23	2
10	16QAM	25	12	21.81	21.75	21.80		
10	16QAM	25	25	21.71	21.75	21.81		
10	16QAM	50	0	21.70	21.84	21.74		
10	64QAM	1	0	21.89	21.52	22.16	23	2
10	64QAM	1	25	21.89	21.83	21.96		
10	64QAM	1	49	21.60	21.39	22.28		
10	64QAM	25	0	20.77	20.60	20.66	22	3
10	64QAM	25	12	20.80	20.77	20.83		
10	64QAM	25	25	20.76	20.83	20.74		
10	64QAM	50	0	20.75	20.70	20.84		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.61	23.68	23.70	25	0
5	QPSK	1	12	23.84	23.80	23.76		
5	QPSK	1	24	23.75	23.63	23.61		
5	QPSK	12	0	22.65	22.61	22.71	24	1
5	QPSK	12	7	22.75	22.78	22.74		
5	QPSK	12	13	22.74	22.70	22.71		
5	QPSK	25	0	22.67	22.66	22.62		
5	16QAM	1	0	22.89	23.36	23.13	24	1
5	16QAM	1	12	23.11	23.32	23.22		
5	16QAM	1	24	23.03	22.94	23.09		
5	16QAM	12	0	21.67	21.62	21.70	23	2
5	16QAM	12	7	21.84	21.78	21.80		
5	16QAM	12	13	21.72	21.82	21.74		
5	16QAM	25	0	21.72	21.70	21.66		
5	64QAM	1	0	22.16	21.98	22.18	23	2
5	64QAM	1	12	21.96	21.89	22.00		
5	64QAM	1	24	21.74	22.21	22.37		
5	64QAM	12	0	20.59	20.73	20.61	22	3
5	64QAM	12	7	20.72	20.87	20.89		
5	64QAM	12	13	20.73	20.80	20.72		
5	64QAM	25	0	20.65	20.77	20.70		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		20.63		21.5	0
15	QPSK	1	37		20.47			
15	QPSK	1	74		20.24			
15	QPSK	36	0		20.53		21.5	0
15	QPSK	36	20		20.41			
15	QPSK	36	39		20.35			
15	QPSK	75	0		20.37			
15	16QAM	1	0		20.59		21.5	0
15	16QAM	1	37		20.51			
15	16QAM	1	74		20.56			
15	16QAM	36	0		20.38		21.5	0
15	16QAM	36	20		20.52			
15	16QAM	36	39		20.52			
15	16QAM	75	0		20.33			
15	64QAM	1	0		20.18		21.5	0
15	64QAM	1	37		20.44			
15	64QAM	1	74		20.06			
15	64QAM	36	0		20.35		21.5	0
15	64QAM	36	20		20.48			
15	64QAM	36	39		20.39			
15	64QAM	75	0		20.46			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	20.21	20.19	20.26	21.5	0
10	QPSK	1	25	20.06	20.05	20.09		
10	QPSK	1	49	19.87	19.87	19.85		
10	QPSK	25	0	20.11	20.04	20.10	21.5	0
10	QPSK	25	12	20.05	20.05	19.95		
10	QPSK	25	25	19.94	19.98	19.98		
10	QPSK	50	0	20.01	19.99	20.00		
10	16QAM	1	0	20.22	20.21	20.16	21.5	0
10	16QAM	1	25	20.11	20.10	20.13		
10	16QAM	1	49	20.11	20.20	20.11		
10	16QAM	25	0	20.01	19.99	20.02	21.5	0
10	16QAM	25	12	20.12	20.12	20.12		
10	16QAM	25	25	20.12	20.17	20.09		
10	16QAM	50	0	19.97	19.90	19.92		
10	64QAM	1	0	19.83	19.79	19.76	21.5	0
10	64QAM	1	25	19.98	20.06	20.06		
10	64QAM	1	49	19.70	19.65	19.60		
10	64QAM	25	0	19.93	19.95	19.91	21.5	0
10	64QAM	25	12	20.11	20.06	20.08		
10	64QAM	25	25	19.99	19.99	19.95		
10	64QAM	50	0	20.08	20.09	20.03		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	20.18	20.19	20.23	21.5	0
5	QPSK	1	12	20.12	20.09	20.07		
5	QPSK	1	24	19.78	19.81	19.84		
5	QPSK	12	0	20.12	20.03	20.09	21.5	0
5	QPSK	12	7	19.95	20.05	20.05		
5	QPSK	12	13	19.96	19.99	19.89		
5	QPSK	25	0	19.93	19.91	19.98		
5	16QAM	1	0	20.15	20.17	20.23	21.5	0
5	16QAM	1	12	20.07	20.07	20.10		
5	16QAM	1	24	20.13	20.13	20.14		
5	16QAM	12	0	19.92	19.96	19.96	21.5	0
5	16QAM	12	7	20.13	20.09	20.09		
5	16QAM	12	13	20.09	20.15	20.08		
5	16QAM	25	0	19.89	19.96	19.90		
5	64QAM	1	0	19.79	19.76	19.81	21.5	0
5	64QAM	1	12	20.03	20.06	20.02		
5	64QAM	1	24	19.65	19.69	19.63		
5	64QAM	12	0	19.90	19.95	19.96	21.5	0
5	64QAM	12	7	20.02	20.13	20.13		
5	64QAM	12	13	20.01	20.01	19.98		
5	64QAM	25	0	20.06	20.01	20.10		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.70		25	0
15	QPSK	1	37		23.50			
15	QPSK	1	74		23.34			
15	QPSK	36	0		22.64		24	1
15	QPSK	36	20		22.51			
15	QPSK	36	39		22.63			
15	QPSK	75	0		22.52			
15	16QAM	1	0		23.00		24	1
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.81			
15	16QAM	36	0		21.56		23	2
15	16QAM	36	20		21.67			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.87		23	2
15	64QAM	1	37		21.46			
15	64QAM	1	74		21.18			
15	64QAM	36	0		20.51		22	3
15	64QAM	36	20		20.62			
15	64QAM	36	39		20.61			
15	64QAM	75	0		20.43			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.62	23.65	23.53	25	0
10	QPSK	1	25	23.54	23.63	23.62		
10	QPSK	1	49	23.60	23.57	23.53		
10	QPSK	25	0	22.76	22.68	22.71	24	1
10	QPSK	25	12	22.78	22.66	22.74		
10	QPSK	25	25	22.85	22.79	22.79		
10	QPSK	50	0	22.76	22.71	22.70		
10	16QAM	1	0	23.27	23.44	23.15	24	1
10	16QAM	1	25	23.18	23.29	22.80		
10	16QAM	1	49	23.01	23.03	23.01		
10	16QAM	25	0	21.73	21.80	21.70	23	2
10	16QAM	25	12	21.82	21.83	21.68		
10	16QAM	25	25	21.88	21.72	21.77		
10	16QAM	50	0	21.76	21.70	21.62		
10	64QAM	1	0	22.25	22.07	21.16	23	2
10	64QAM	1	25	22.10	22.22	21.71		
10	64QAM	1	49	21.62	21.95	21.48		
10	64QAM	25	0	20.65	20.69	20.64	22	3
10	64QAM	25	12	20.78	20.75	20.68		
10	64QAM	25	25	20.86	20.78	20.79		
10	64QAM	50	0	20.78	20.67	20.71		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.60	23.55	23.64	25	0
5	QPSK	1	12	23.67	23.69	23.61		
5	QPSK	1	24	23.61	23.65	23.62		
5	QPSK	12	0	22.63	22.70	22.66	24	1
5	QPSK	12	7	22.79	22.83	22.78		
5	QPSK	12	13	22.63	22.72	22.71		
5	QPSK	25	0	22.68	22.75	22.72		
5	16QAM	1	0	22.88	22.44	22.96	24	1
5	16QAM	1	12	22.55	23.22	22.88		
5	16QAM	1	24	22.62	22.98	22.56		
5	16QAM	12	0	21.74	21.73	21.68	23	2
5	16QAM	12	7	21.78	21.91	21.93		
5	16QAM	12	13	21.67	21.87	21.82		
5	16QAM	25	0	21.71	21.67	21.73		
5	64QAM	1	0	21.80	21.69	21.86	23	2
5	64QAM	1	12	22.25	22.13	22.08		
5	64QAM	1	24	21.77	21.62	22.11		
5	64QAM	12	0	20.68	20.68	20.59	22	3
5	64QAM	12	7	20.75	20.68	20.88		
5	64QAM	12	13	20.69	20.63	20.77		
5	64QAM	25	0	20.71	20.67	20.67		

Band 26_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.47	19.52	19.44	20.5	0
15	QPSK	1	37	19.25	19.27	19.35		
15	QPSK	1	74	19.28	19.27	19.29		
15	QPSK	36	0	19.36	19.49	19.33	20.5	0
15	QPSK	36	20	19.35	19.40	19.25		
15	QPSK	36	39	19.28	19.43	19.31		
15	QPSK	75	0	19.35	19.47	19.42		
15	16QAM	1	0	18.80	19.38	19.45	20.5	0
15	16QAM	1	37	19.08	19.12	19.34		
15	16QAM	1	74	18.79	18.72	19.11		
15	16QAM	36	0	18.83	18.96	18.74	20.5	0
15	16QAM	36	20	19.02	18.75	18.77		
15	16QAM	36	39	18.88	18.85	18.94		
15	16QAM	75	0	18.95	18.78	18.73		
15	64QAM	1	0	18.96	19.21	19.41	20.5	0
15	64QAM	1	37	19.35	18.73	19.06		
15	64QAM	1	74	19.21	18.92	18.52		
15	64QAM	36	0	18.86	18.91	18.81	20.5	0
15	64QAM	36	20	18.92	18.85	18.80		
15	64QAM	36	39	18.94	18.84	18.86		
15	64QAM	75	0	18.91	18.79	18.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.40	19.47	19.38	20.5	0
10	QPSK	1	25	19.17	19.14	19.22		
10	QPSK	1	49	19.21	19.22	19.21		
10	QPSK	25	0	19.28	19.37	19.19	20.5	0
10	QPSK	25	12	19.30	19.35	19.15		
10	QPSK	25	25	19.12	19.36	19.21		
10	QPSK	50	0	19.28	19.42	19.36		
10	16QAM	1	0	18.70	19.33	19.29	20.5	0
10	16QAM	1	25	19.03	18.97	19.27		
10	16QAM	1	49	18.69	18.62	18.99		
10	16QAM	25	0	18.71	18.89	18.62	20.5	0
10	16QAM	25	12	18.92	18.62	18.64		
10	16QAM	25	25	18.77	18.75	18.85		
10	16QAM	50	0	18.81	18.68	18.59		
10	64QAM	1	0	18.86	19.13	19.35	20.5	0
10	64QAM	1	25	19.28	18.62	19.00		
10	64QAM	1	49	19.09	18.84	18.59		
10	64QAM	25	0	18.72	18.85	18.69	20.5	0
10	64QAM	25	12	18.86	18.73	18.73		
10	64QAM	25	25	18.89	18.75	18.74		
10	64QAM	50	0	18.84	18.72	18.67		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.31	19.40	19.36	20.5	0
5	QPSK	1	12	19.09	19.20	19.28		
5	QPSK	1	24	19.14	19.22	19.20		
5	QPSK	12	0	19.29	19.37	19.17	20.5	0
5	QPSK	12	7	19.30	19.28	19.19		
5	QPSK	12	13	19.18	19.33	19.15		
5	QPSK	25	0	19.23	19.40	19.32		
5	16QAM	1	0	18.72	19.24	19.31	20.5	0
5	16QAM	1	12	19.03	19.03	19.19		
5	16QAM	1	24	18.67	18.57	18.95		
5	16QAM	12	0	18.73	18.84	18.66	20.5	0
5	16QAM	12	7	18.89	18.69	18.70		
5	16QAM	12	13	18.81	18.70	18.82		
5	16QAM	25	0	18.80	18.68	18.67		
5	64QAM	1	0	18.87	19.10	19.32	20.5	0
5	64QAM	1	12	19.21	18.66	18.96		
5	64QAM	1	24	19.14	18.76	18.58		
5	64QAM	12	0	18.71	18.78	18.70	20.5	0
5	64QAM	12	7	18.80	18.69	18.71		
5	64QAM	12	13	18.82	18.76	18.80		
5	64QAM	25	0	18.75	18.72	18.72		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.40	19.40	19.36	20.5	0
3	QPSK	1	8	19.12	19.19	19.25		
3	QPSK	1	14	19.22	19.22	19.24		
3	QPSK	8	0	19.26	19.33	19.28	20.5	0
3	QPSK	8	4	19.20	19.25	19.11		
3	QPSK	8	7	19.16	19.30	19.21		
3	QPSK	15	0	19.21	19.39	19.33		
3	16QAM	1	0	18.64	19.25	19.40	20.5	0
3	16QAM	1	8	18.94	19.05	19.26		
3	16QAM	1	14	18.67	18.64	19.02		
3	16QAM	8	0	18.67	18.83	18.58	20.5	0
3	16QAM	8	4	18.86	18.67	18.64		
3	16QAM	8	7	18.80	18.75	18.81		
3	16QAM	15	0	18.81	18.63	18.64		
3	64QAM	1	0	18.90	19.07	19.27	20.5	0
3	64QAM	1	8	19.29	18.61	18.91		
3	64QAM	1	14	19.13	18.81	18.60		
3	64QAM	8	0	18.70	18.75	18.65	20.5	0
3	64QAM	8	4	18.83	18.75	18.70		
3	64QAM	8	7	18.85	18.78	18.70		
3	64QAM	15	0	18.86	18.66	18.78		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.37	19.37	19.38	20.5	0
1.4	QPSK	1	3	19.19	19.17	19.30		
1.4	QPSK	1	5	19.15	19.17	19.19		
1.4	QPSK	3	0	19.29	19.38	19.27		
1.4	QPSK	3	1	19.27	19.29	19.10		
1.4	QPSK	3	3	19.20	19.32	19.20		
1.4	QPSK	6	0	19.26	19.41	19.28	20.5	0
1.4	16QAM	1	0	18.75	19.33	19.31	20.5	0
1.4	16QAM	1	3	18.97	19.00	19.18		
1.4	16QAM	1	5	18.67	18.57	19.03		
1.4	16QAM	3	0	18.77	18.89	18.58		
1.4	16QAM	3	1	18.92	18.65	18.72		
1.4	16QAM	3	3	18.78	18.70	18.82		
1.4	16QAM	6	0	18.87	18.70	18.66	20.5	0
1.4	64QAM	1	0	18.91	19.15	19.28	20.5	0
1.4	64QAM	1	3	19.25	18.60	18.91		
1.4	64QAM	1	5	19.08	18.80	18.57		
1.4	64QAM	3	0	18.79	18.75	18.74		
1.4	64QAM	3	1	18.82	18.71	18.65		
1.4	64QAM	3	3	18.83	18.77	18.76		
1.4	64QAM	6	0	18.82	18.72	18.73	20.5	0

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.54	13.69	13.38	14.5	0
20	QPSK	1	49	13.53	13.50	13.29		
20	QPSK	1	99	13.46	13.25	13.24		
20	QPSK	50	0	13.53	13.65	13.36	14.5	0
20	QPSK	50	24	13.49	13.47	13.35		
20	QPSK	50	50	13.44	13.44	13.31		
20	QPSK	100	0	13.57	13.58	13.24		
20	16QAM	1	0	13.66	13.61	13.33	14.5	0
20	16QAM	1	49	13.57	13.54	13.47		
20	16QAM	1	99	13.54	13.25	13.22		
20	16QAM	50	0	13.27	13.26	13.02	14.5	0
20	16QAM	50	24	13.31	13.21	13.10		
20	16QAM	50	50	13.30	13.17	13.04		
20	16QAM	100	0	13.31	13.19	13.01		
20	64QAM	1	0	13.41	13.44	13.18	14.5	0
20	64QAM	1	49	13.40	13.33	13.18		
20	64QAM	1	99	13.67	13.36	13.42		
20	64QAM	50	0	13.59	13.47	13.22	14.5	0
20	64QAM	50	24	13.60	13.40	13.26		
20	64QAM	50	50	13.54	13.35	13.24		
20	64QAM	100	0	13.56	13.38	13.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.40	13.64	13.27	14.5	0
15	QPSK	1	37	13.47	13.45	13.15		
15	QPSK	1	74	13.35	13.11	13.09		
15	QPSK	36	0	13.45	13.59	13.22	14.5	0
15	QPSK	36	20	13.42	13.37	13.23		
15	QPSK	36	39	13.30	13.30	13.20		
15	QPSK	75	0	13.41	13.51	13.10		
15	16QAM	1	0	13.57	13.53	13.22	14.5	0
15	16QAM	1	37	13.49	13.40	13.31		
15	16QAM	1	74	13.39	13.15	13.12		
15	16QAM	36	0	13.11	13.16	12.86	14.5	0
15	16QAM	36	20	13.25	13.14	13.04		
15	16QAM	36	39	13.21	13.03	12.98		
15	16QAM	75	0	13.18	13.08	12.95		
15	64QAM	1	0	13.35	13.32	13.05	14.5	0
15	64QAM	1	37	13.26	13.18	13.13		
15	64QAM	1	74	13.54	13.27	13.30		
15	64QAM	36	0	13.50	13.41	13.13	14.5	0
15	64QAM	36	20	13.45	13.31	13.11		
15	64QAM	36	39	13.39	13.24	13.13		
15	64QAM	75	0	13.45	13.28	13.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.45	13.64	13.30	14.5	0
10	QPSK	1	25	13.44	13.45	13.14		
10	QPSK	1	49	13.34	13.16	13.18		
10	QPSK	25	0	13.41	13.55	13.27	14.5	0
10	QPSK	25	12	13.34	13.31	13.28		
10	QPSK	25	25	13.34	13.33	13.22		
10	QPSK	50	0	13.47	13.43	13.12		
10	16QAM	1	0	13.50	13.47	13.23	14.5	0
10	16QAM	1	25	13.43	13.47	13.32		
10	16QAM	1	49	13.38	13.14	13.12		
10	16QAM	25	0	13.13	13.12	12.93	14.5	0
10	16QAM	25	12	13.26	13.08	13.02		
10	16QAM	25	25	13.16	13.08	12.97		
10	16QAM	50	0	13.18	13.05	12.90		
10	64QAM	1	0	13.30	13.29	13.09	14.5	0
10	64QAM	1	25	13.25	13.18	13.10		
10	64QAM	1	49	13.59	13.31	13.31		
10	64QAM	25	0	13.43	13.35	13.14	14.5	0
10	64QAM	25	12	13.45	13.35	13.13		
10	64QAM	25	25	13.45	13.22	13.09		
10	64QAM	50	0	13.47	13.32	13.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.42	13.58	13.33	14.5	0
5	QPSK	1	12	13.38	13.44	13.24		
5	QPSK	1	24	13.31	13.10	13.14		
5	QPSK	12	0	13.44	13.53	13.28	14.5	0
5	QPSK	12	7	13.33	13.37	13.24		
5	QPSK	12	13	13.29	13.37	13.21		
5	QPSK	25	0	13.49	13.42	13.15		
5	16QAM	1	0	13.56	13.54	13.18	14.5	0
5	16QAM	1	12	13.43	13.46	13.42		
5	16QAM	1	24	13.44	13.12	13.11		
5	16QAM	12	0	13.15	13.13	12.94	14.5	0
5	16QAM	12	7	13.17	13.12	12.94		
5	16QAM	12	13	13.20	13.09	12.92		
5	16QAM	25	0	13.24	13.11	12.86		
5	64QAM	1	0	13.32	13.33	13.13	14.5	0
5	64QAM	1	12	13.24	13.24	13.06		
5	64QAM	1	24	13.59	13.20	13.35		
5	64QAM	12	0	13.54	13.34	13.06	14.5	0
5	64QAM	12	7	13.55	13.30	13.11		
5	64QAM	12	13	13.38	13.26	13.11		
5	64QAM	25	0	13.40	13.27	13.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.49	13.62	13.30	14.5	0
3	QPSK	1	8	13.38	13.38	13.17		
3	QPSK	1	14	13.37	13.15	13.19		
3	QPSK	8	0	13.39	13.60	13.23	14.5	0
3	QPSK	8	4	13.36	13.33	13.28		
3	QPSK	8	7	13.29	13.39	13.22		
3	QPSK	15	0	13.42	13.52	13.08		
3	16QAM	1	0	13.59	13.53	13.26	14.5	0
3	16QAM	1	8	13.46	13.40	13.35		
3	16QAM	1	14	13.39	13.16	13.12		
3	16QAM	8	0	13.16	13.16	12.86	14.5	0
3	16QAM	8	4	13.22	13.09	12.95		
3	16QAM	8	7	13.18	13.01	12.96		
3	16QAM	15	0	13.22	13.03	12.86		
3	64QAM	1	0	13.26	13.35	13.06	14.5	0
3	64QAM	1	8	13.26	13.23	13.07		
3	64QAM	1	14	13.62	13.23	13.31		
3	64QAM	8	0	13.53	13.34	13.11	14.5	0
3	64QAM	8	4	13.47	13.26	13.11		
3	64QAM	8	7	13.40	13.21	13.17		
3	64QAM	15	0	13.43	13.27	13.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.49	13.59	13.24	14.5	0
1.4	QPSK	1	3	13.40	13.39	13.14		
1.4	QPSK	1	5	13.34	13.13	13.13		
1.4	QPSK	3	0	13.37	13.56	13.20		
1.4	QPSK	3	1	13.41	13.34	13.27		
1.4	QPSK	3	3	13.30	13.38	13.16		
1.4	QPSK	6	0	13.45	13.52	13.17	14.5	0
1.4	16QAM	1	0	13.53	13.50	13.25	14.5	0
1.4	16QAM	1	3	13.42	13.42	13.33		
1.4	16QAM	1	5	13.49	13.14	13.14		
1.4	16QAM	3	0	13.22	13.21	12.88		
1.4	16QAM	3	1	13.19	13.05	12.97		
1.4	16QAM	3	3	13.22	13.08	12.99		
1.4	16QAM	6	0	13.23	13.08	12.87	14.5	0
1.4	64QAM	1	0	13.28	13.35	13.09	14.5	0
1.4	64QAM	1	3	13.29	13.24	13.03		
1.4	64QAM	1	5	13.53	13.22	13.34		
1.4	64QAM	3	0	13.54	13.38	13.15		
1.4	64QAM	3	1	13.45	13.33	13.17		
1.4	64QAM	3	3	13.46	13.26	13.11		
1.4	64QAM	6	0	13.46	13.26	13.11	14.5	0

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.64	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.67	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.82		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	25	0
1.4	16QAM	1	0	22.72	22.65	22.88	25	0
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	25	0
1.4	64QAM	1	0	21.75	21.63	21.62	25	0
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	25	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.38	16.59	16.04	17.5	0
20	QPSK	1	49	16.30	16.20	15.99		
20	QPSK	1	99	16.20	15.96	15.89		
20	QPSK	50	0	16.35	16.42	16.04	17.5	0
20	QPSK	50	24	16.27	16.18	16.02		
20	QPSK	50	50	16.31	16.14	15.98		
20	QPSK	100	0	16.33	16.34	16.01		
20	16QAM	1	0	16.41	16.35	16.11	17.5	0
20	16QAM	1	49	16.48	16.26	16.04		
20	16QAM	1	99	16.55	16.26	16.21		
20	16QAM	50	0	16.36	16.27	16.00	17.5	0
20	16QAM	50	24	16.37	16.21	16.04		
20	16QAM	50	50	16.32	16.18	15.99		
20	16QAM	100	0	16.34	16.17	16.03		
20	64QAM	1	0	16.52	16.45	16.22	17.5	0
20	64QAM	1	49	16.49	16.47	16.16		
20	64QAM	1	99	16.46	16.25	16.11		
20	64QAM	50	0	16.36	16.28	16.02	17.5	0
20	64QAM	50	24	16.38	16.19	16.04		
20	64QAM	50	50	16.35	16.17	15.98		
20	64QAM	100	0	16.36	16.17	16.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.26	16.46	15.90	17.5	0
15	QPSK	1	37	16.17	16.05	15.92		
15	QPSK	1	74	16.06	15.90	15.83		
15	QPSK	36	0	16.21	16.26	15.94	17.5	0
15	QPSK	36	20	16.16	16.05	15.87		
15	QPSK	36	39	16.17	16.08	15.89		
15	QPSK	75	0	16.17	16.26	15.91		
15	16QAM	1	0	16.25	16.28	16.00	17.5	0
15	16QAM	1	37	16.38	16.17	15.99		
15	16QAM	1	74	16.41	16.21	16.07		
15	16QAM	36	0	16.25	16.11	15.84	17.5	0
15	16QAM	36	20	16.32	16.13	15.96		
15	16QAM	36	39	16.16	16.12	15.94		
15	16QAM	75	0	16.28	16.06	15.91		
15	64QAM	1	0	16.47	16.38	16.12	17.5	0
15	64QAM	1	37	16.43	16.36	16.03		
15	64QAM	1	74	16.31	16.19	15.96		
15	64QAM	36	0	16.31	16.16	15.88	17.5	0
15	64QAM	36	20	16.26	16.06	15.91		
15	64QAM	36	39	16.27	16.09	15.85		
15	64QAM	75	0	16.26	16.09	15.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.23	16.46	15.96	17.5	0
10	QPSK	1	25	16.16	16.06	15.86		
10	QPSK	1	49	16.14	15.90	15.80		
10	QPSK	25	0	16.30	16.36	15.98	17.5	0
10	QPSK	25	12	16.17	16.06	15.89		
10	QPSK	25	25	16.15	16.05	15.87		
10	QPSK	50	0	16.17	16.23	15.86		
10	16QAM	1	0	16.34	16.20	16.03	17.5	0
10	16QAM	1	25	16.40	16.15	15.93		
10	16QAM	1	49	16.42	16.19	16.11		
10	16QAM	25	0	16.24	16.12	15.92	17.5	0
10	16QAM	25	12	16.32	16.10	15.89		
10	16QAM	25	25	16.21	16.06	15.90		
10	16QAM	50	0	16.24	16.04	15.92		
10	64QAM	1	0	16.40	16.34	16.11	17.5	0
10	64QAM	1	25	16.44	16.33	16.11		
10	64QAM	1	49	16.32	16.13	15.98		
10	64QAM	25	0	16.30	16.13	15.90	17.5	0
10	64QAM	25	12	16.32	16.11	15.99		
10	64QAM	25	25	16.24	16.10	15.86		
10	64QAM	50	0	16.26	16.07	15.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.28	16.54	15.89	17.5	0
5	QPSK	1	12	16.22	16.13	15.93		
5	QPSK	1	24	16.11	15.85	15.74		
5	QPSK	12	0	16.29	16.35	15.94	17.5	0
5	QPSK	12	7	16.11	16.04	15.91		
5	QPSK	12	13	16.22	15.98	15.86		
5	QPSK	25	0	16.25	16.29	15.96		
5	16QAM	1	0	16.36	16.24	16.03	17.5	0
5	16QAM	1	12	16.38	16.19	15.96		
5	16QAM	1	24	16.39	16.20	16.15		
5	16QAM	12	0	16.26	16.12	15.94	17.5	0
5	16QAM	12	7	16.30	16.07	15.98		
5	16QAM	12	13	16.20	16.03	15.83		
5	16QAM	25	0	16.19	16.04	15.92		
5	64QAM	1	0	16.40	16.31	16.06	17.5	0
5	64QAM	1	12	16.33	16.40	16.00		
5	64QAM	1	24	16.40	16.13	16.01		
5	64QAM	12	0	16.21	16.23	15.96	17.5	0
5	64QAM	12	7	16.32	16.04	15.99		
5	64QAM	12	13	16.25	16.05	15.93		
5	64QAM	25	0	16.24	16.08	15.99		
Channel				131987	132322	132857	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.26	16.49	15.96	17.5	0
3	QPSK	1	8	16.23	16.08	15.94		
3	QPSK	1	14	16.12	15.85	15.80		
3	QPSK	8	0	16.23	16.26	15.90	17.5	0
3	QPSK	8	4	16.22	16.11	15.91		
3	QPSK	8	7	16.16	16.03	15.80		
3	QPSK	15	0	16.22	16.21	15.88		
3	16QAM	1	0	16.30	16.21	16.03	17.5	0
3	16QAM	1	8	16.35	16.18	15.93		
3	16QAM	1	14	16.48	16.21	16.05		
3	16QAM	8	0	16.20	16.17	15.84	17.5	0
3	16QAM	8	4	16.23	16.11	15.90		
3	16QAM	8	7	16.16	16.04	15.83		
3	16QAM	15	0	16.27	16.12	15.96		
3	64QAM	1	0	16.37	16.31	16.12	17.5	0
3	64QAM	1	8	16.37	16.34	16.11		
3	64QAM	1	14	16.34	16.10	15.99		
3	64QAM	8	0	16.24	16.12	15.87	17.5	0
3	64QAM	8	4	16.24	16.10	15.96		
3	64QAM	8	7	16.20	16.01	15.91		
3	64QAM	15	0	16.24	16.04	15.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.29	16.48	15.92	17.5	0
1.4	QPSK	1	3	16.22	16.06	15.93		
1.4	QPSK	1	5	16.13	15.86	15.75		
1.4	QPSK	3	0	16.30	16.37	15.94		
1.4	QPSK	3	1	16.17	16.10	15.97		
1.4	QPSK	3	3	16.17	16.04	15.88		
1.4	QPSK	6	0	16.23	16.24	15.85	17.5	0
1.4	16QAM	1	0	16.27	16.28	16.04	17.5	0
1.4	16QAM	1	3	16.34	16.18	15.98		
1.4	16QAM	1	5	16.49	16.18	16.15		
1.4	16QAM	3	0	16.31	16.12	15.85		
1.4	16QAM	3	1	16.26	16.10	15.91		
1.4	16QAM	3	3	16.24	16.09	15.93		
1.4	16QAM	6	0	16.19	16.09	15.98	17.5	0
1.4	64QAM	1	0	16.41	16.34	16.09	17.5	0
1.4	64QAM	1	3	16.34	16.34	16.11		
1.4	64QAM	1	5	16.36	16.11	15.95		
1.4	64QAM	3	0	16.26	16.21	15.88		
1.4	64QAM	3	1	16.31	16.09	15.88		
1.4	64QAM	3	3	16.23	16.03	15.86		
1.4	64QAM	6	0	16.31	16.08	15.89	17.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.88	15.13	14.90	15.7	0
20	QPSK	1	49	14.87	14.90	14.85		
20	QPSK	1	99	14.85	15.10	14.73		
20	QPSK	50	0	14.84	14.92	14.90	15.7	0
20	QPSK	50	24	14.69	14.84	14.82		
20	QPSK	50	50	14.80	14.79	14.71		
20	QPSK	100	0	14.99	15.04	15.01		
20	16QAM	1	0	14.95	14.91	15.00	15.7	0
20	16QAM	1	49	14.93	14.84	14.96		
20	16QAM	1	99	15.07	15.07	14.66		
20	16QAM	50	0	15.05	14.92	14.81	15.7	0
20	16QAM	50	24	14.96	15.02	15.03		
20	16QAM	50	50	14.86	14.85	14.85		
20	16QAM	100	0	14.91	14.82	14.87		
20	64QAM	1	0	14.99	14.99	14.88	15.7	0
20	64QAM	1	49	14.81	14.69	14.68		
20	64QAM	1	99	14.90	14.72	14.75		
20	64QAM	50	0	15.08	15.08	14.65	15.7	0
20	64QAM	50	24	15.09	15.07	14.95		
20	64QAM	50	50	14.95	14.70	14.79		
20	64QAM	100	0	14.89	14.79	14.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.75	15.02	14.81	15.7	0
15	QPSK	1	37	14.80	14.81	14.77		
15	QPSK	1	74	14.77	15.04	14.68		
15	QPSK	36	0	14.70	14.82	14.85	15.7	0
15	QPSK	36	20	14.62	14.69	14.71		
15	QPSK	36	39	14.75	14.63	14.56		
15	QPSK	75	0	14.93	14.92	14.85		
15	16QAM	1	0	14.80	14.84	14.88	15.7	0
15	16QAM	1	37	14.83	14.68	14.84		
15	16QAM	1	74	14.91	14.91	14.54		
15	16QAM	36	0	14.96	14.85	14.68	15.7	0
15	16QAM	36	20	14.88	14.91	14.90		
15	16QAM	36	39	14.73	14.73	14.77		
15	16QAM	75	0	14.83	14.72	14.72		
15	64QAM	1	0	14.93	14.84	14.79	15.7	0
15	64QAM	1	37	14.65	14.64	14.62		
15	64QAM	1	74	14.75	14.67	14.67		
15	64QAM	36	0	14.95	15.03	14.50	15.7	0
15	64QAM	36	20	15.02	14.92	14.79		
15	64QAM	36	39	14.81	14.56	14.65		
15	64QAM	75	0	14.73	14.64	14.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.74	15.04	14.79	15.7	0
10	QPSK	1	25	14.72	14.79	14.70		
10	QPSK	1	49	14.72	14.94	14.68		
10	QPSK	25	0	14.74	14.80	14.81	15.7	0
10	QPSK	25	12	14.59	14.69	14.75		
10	QPSK	25	25	14.68	14.71	14.65		
10	QPSK	50	0	14.87	14.88	14.90		
10	16QAM	1	0	14.80	14.76	14.92	15.7	0
10	16QAM	1	25	14.77	14.72	14.90		
10	16QAM	1	49	14.99	14.99	14.55		
10	16QAM	25	0	14.98	14.83	14.73	15.7	0
10	16QAM	25	12	14.86	14.90	14.97		
10	16QAM	25	25	14.74	14.80	14.71		
10	16QAM	50	0	14.76	14.70	14.82		
10	64QAM	1	0	14.84	14.84	14.78	15.7	0
10	64QAM	1	25	14.75	14.58	14.57		
10	64QAM	1	49	14.79	14.58	14.62		
10	64QAM	25	0	14.93	15.03	14.59	15.7	0
10	64QAM	25	12	14.96	14.95	14.86		
10	64QAM	25	25	14.88	14.57	14.67		
10	64QAM	50	0	14.82	14.73	14.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.77	15.01	14.82	15.7	0
5	QPSK	1	12	14.71	14.84	14.79		
5	QPSK	1	24	14.74	15.03	14.66		
5	QPSK	12	0	14.70	14.83	14.82	15.7	0
5	QPSK	12	7	14.58	14.76	14.75		
5	QPSK	12	13	14.69	14.67	14.62		
5	QPSK	25	0	14.83	14.96	14.88		
5	16QAM	1	0	14.80	14.77	14.92	15.7	0
5	16QAM	1	12	14.87	14.76	14.84		
5	16QAM	1	24	14.99	14.92	14.56		
5	16QAM	12	0	14.89	14.80	14.70	15.7	0
5	16QAM	12	7	14.81	14.88	14.95		
5	16QAM	12	13	14.72	14.78	14.72		
5	16QAM	25	0	14.76	14.77	14.73		
5	64QAM	1	0	14.90	14.93	14.78	15.7	0
5	64QAM	1	12	14.69	14.54	14.52		
5	64QAM	1	24	14.74	14.57	14.68		
5	64QAM	12	0	14.99	14.96	14.50	15.7	0
5	64QAM	12	7	14.99	14.94	14.86		
5	64QAM	12	13	14.90	14.59	14.73		
5	64QAM	25	0	14.81	14.69	14.76		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.90	20.03	20.01	21	0
20	QPSK	1	49	19.88	19.77	19.94		
20	QPSK	1	99	19.89	19.82	19.90		
20	QPSK	50	0	19.70	19.85	19.70	21	0
20	QPSK	50	24	19.79	19.67	19.73		
20	QPSK	50	50	19.84	19.75	19.82		
20	QPSK	100	0	19.72	19.77	19.75		
20	16QAM	1	0	19.89	19.75	19.73	21	0
20	16QAM	1	49	19.86	19.66	19.87		
20	16QAM	1	99	19.66	19.82	19.66		
20	16QAM	50	0	19.48	19.41	19.55	21	0
20	16QAM	50	24	19.54	19.53	19.55		
20	16QAM	50	50	19.60	19.71	19.53		
20	16QAM	100	0	19.57	19.46	19.58		
20	64QAM	1	0	19.88	19.37	19.78	21	0
20	64QAM	1	49	19.73	19.57	19.76		
20	64QAM	1	99	19.66	19.88	19.87		
20	64QAM	50	0	19.54	19.45	19.57	21	0
20	64QAM	50	24	19.63	19.46	19.62		
20	64QAM	50	50	19.57	19.55	19.64		
20	64QAM	100	0	19.58	19.51	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.80	19.87	19.91	21	0
15	QPSK	1	37	19.77	19.64	19.82		
15	QPSK	1	74	19.84	19.70	19.79		
15	QPSK	36	0	19.57	19.75	19.65	21	0
15	QPSK	36	20	19.66	19.59	19.65		
15	QPSK	36	39	19.70	19.60	19.70		
15	QPSK	75	0	19.60	19.68	19.62		
15	16QAM	1	0	19.82	19.62	19.59	21	0
15	16QAM	1	37	19.80	19.60	19.75		
15	16QAM	1	74	19.54	19.69	19.51		
15	16QAM	36	0	19.41	19.29	19.50	21	0
15	16QAM	36	20	19.42	19.40	19.43		
15	16QAM	36	39	19.45	19.59	19.41		
15	16QAM	75	0	19.47	19.30	19.46		
15	64QAM	1	0	19.80	19.31	19.66	21	0
15	64QAM	1	37	19.60	19.42	19.68		
15	64QAM	1	74	19.56	19.74	19.74		
15	64QAM	36	0	19.45	19.30	19.45	21	0
15	64QAM	36	20	19.58	19.40	19.56		
15	64QAM	36	39	19.42	19.45	19.59		
15	64QAM	75	0	19.46	19.46	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.80	19.96	19.91	21	0
10	QPSK	1	25	19.81	19.64	19.89		
10	QPSK	1	49	19.78	19.70	19.79		
10	QPSK	25	0	19.64	19.69	19.59	21	0
10	QPSK	25	12	19.72	19.55	19.63		
10	QPSK	25	25	19.77	19.64	19.68		
10	QPSK	50	0	19.66	19.68	19.69		
10	16QAM	1	0	19.80	19.63	19.57	21	0
10	16QAM	1	25	19.78	19.56	19.82		
10	16QAM	1	49	19.52	19.71	19.54		
10	16QAM	25	0	19.42	19.25	19.46	21	0
10	16QAM	25	12	19.46	19.46	19.47		
10	16QAM	25	25	19.47	19.58	19.41		
10	16QAM	50	0	19.50	19.40	19.49		
10	64QAM	1	0	19.78	19.25	19.73	21	0
10	64QAM	1	25	19.68	19.51	19.61		
10	64QAM	1	49	19.56	19.73	19.80		
10	64QAM	25	0	19.41	19.33	19.48	21	0
10	64QAM	25	12	19.52	19.34	19.53		
10	64QAM	25	25	19.44	19.46	19.58		
10	64QAM	50	0	19.47	19.40	19.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.85	19.89	19.95	21	0
5	QPSK	1	12	19.73	19.68	19.83		
5	QPSK	1	24	19.81	19.68	19.78		
5	QPSK	12	0	19.56	19.80	19.60	21	0
5	QPSK	12	7	19.65	19.59	19.61		
5	QPSK	12	13	19.69	19.69	19.67		
5	QPSK	25	0	19.57	19.70	19.69		
5	16QAM	1	0	19.83	19.70	19.67	21	0
5	16QAM	1	12	19.72	19.53	19.78		
5	16QAM	1	24	19.57	19.66	19.51		
5	16QAM	12	0	19.39	19.28	19.50	21	0
5	16QAM	12	7	19.47	19.47	19.41		
5	16QAM	12	13	19.55	19.63	19.43		
5	16QAM	25	0	19.41	19.33	19.44		
5	64QAM	1	0	19.74	19.28	19.72	21	0
5	64QAM	1	12	19.66	19.49	19.65		
5	64QAM	1	24	19.50	19.82	19.71		
5	64QAM	12	0	19.43	19.35	19.47	21	0
5	64QAM	12	7	19.47	19.33	19.56		
5	64QAM	12	13	19.48	19.49	19.56		
5	64QAM	25	0	19.51	19.35	19.49		

Band 41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.90	15.00	15.06	14.96	14.91	15.5	0
20	QPSK	1	49	14.76	14.87	14.65	14.83	14.64		
20	QPSK	1	99	14.71	14.83	14.71	14.68	14.66		
20	QPSK	50	0	14.81	14.69	14.87	14.69	14.65	15.5	0
20	QPSK	50	24	14.75	14.61	14.64	14.65	14.60		
20	QPSK	50	50	14.79	14.66	14.61	14.67	14.52		
20	QPSK	100	0	14.70	14.77	14.79	14.70	14.52		
20	16QAM	1	0	14.74	14.73	14.80	14.92	14.59	15.5	0
20	16QAM	1	49	14.69	14.90	15.03	15.01	14.77		
20	16QAM	1	99	15.04	15.04	14.72	14.71	15.04		
20	16QAM	50	0	14.70	14.87	14.52	14.61	14.45	15.5	0
20	16QAM	50	24	14.71	14.79	14.57	14.67	14.55		
20	16QAM	50	50	14.81	14.72	14.68	14.62	14.62		
20	16QAM	100	0	14.85	14.75	14.58	14.68	14.54		
20	64QAM	1	0	14.71	14.73	14.83	14.99	14.62	15.5	0
20	64QAM	1	49	14.87	14.52	14.88	14.53	14.49		
20	64QAM	1	99	14.64	14.41	14.75	14.92	14.78		
20	64QAM	50	0	14.75	14.69	14.54	14.74	14.43	15.5	0
20	64QAM	50	24	14.72	14.81	14.59	14.62	14.60		
20	64QAM	50	50	14.72	14.69	14.53	14.63	14.72		
20	64QAM	100	0	14.62	14.76	14.55	14.73	14.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.78	14.89	14.97	14.81	14.84	15.5	0
15	QPSK	1	37	14.71	14.81	14.52	14.69	14.59		
15	QPSK	1	74	14.56	14.75	14.55	14.52	14.56		
15	QPSK	36	0	14.65	14.57	14.80	14.62	14.57	15.5	0
15	QPSK	36	20	14.66	14.50	14.59	14.51	14.51		
15	QPSK	36	39	14.73	14.50	14.47	14.55	14.44		
15	QPSK	75	0	14.55	14.69	14.64	14.61	14.44		
15	16QAM	1	0	14.69	14.59	14.66	14.80	14.46	15.5	0
15	16QAM	1	37	14.55	14.75	14.89	14.96	14.67		
15	16QAM	1	74	14.97	14.88	14.65	14.55	14.93		
15	16QAM	36	0	14.56	14.59	14.47	14.47	14.40	15.5	0
15	16QAM	36	20	14.63	14.73	14.45	14.56	14.50		
15	16QAM	36	39	14.73	14.59	14.60	14.54	14.46		
15	16QAM	75	0	14.79	14.66	14.45	14.53	14.44		
15	64QAM	1	0	14.58	14.66	14.71	14.84	14.54	15.5	0
15	64QAM	1	37	14.72	14.36	14.77	14.38	14.36		
15	64QAM	1	74	14.57	14.34	14.67	14.83	14.67		
15	64QAM	36	0	14.66	14.64	14.49	14.59	14.38	15.5	0
15	64QAM	36	20	14.61	14.74	14.54	14.54	14.51		
15	64QAM	36	39	14.57	14.55	14.38	14.54	14.63		
15	64QAM	75	0	14.52	14.65	14.41	14.60	14.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.82	14.95	14.91	14.88	14.78	15.5	0
10	QPSK	1	25	14.67	14.76	14.58	14.68	14.48		
10	QPSK	1	49	14.62	14.72	14.59	14.60	14.60		
10	QPSK	25	0	14.74	14.58	14.77	14.60	14.59	15.5	0
10	QPSK	25	12	14.60	14.53	14.57	14.50	14.52		
10	QPSK	25	25	14.73	14.54	14.49	14.58	14.45		
10	QPSK	50	0	14.59	14.63	14.70	14.56	14.42		
10	16QAM	1	0	14.63	14.64	14.68	14.83	14.44	15.5	0
10	16QAM	1	25	14.62	14.78	14.88	14.95	14.67		
10	16QAM	1	49	14.88	14.88	14.60	14.62	14.89		
10	16QAM	25	0	14.61	14.55	14.39	14.45	14.34	15.5	0
10	16QAM	25	12	14.56	14.73	14.43	14.57	14.50		
10	16QAM	25	25	14.75	14.67	14.54	14.51	14.53		
10	16QAM	50	0	14.73	14.64	14.45	14.63	14.46		
10	64QAM	1	0	14.58	14.64	14.76	14.87	14.52	15.5	0
10	64QAM	1	25	14.77	14.39	14.80	14.48	14.38		
10	64QAM	1	49	14.57	14.32	14.66	14.83	14.63		
10	64QAM	25	0	14.63	14.53	14.42	14.58	14.35	15.5	0
10	64QAM	25	12	14.58	14.66	14.49	14.52	14.46		
10	64QAM	25	25	14.57	14.58	14.46	14.57	14.63		
10	64QAM	50	0	14.56	14.71	14.45	14.63	14.53		
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	14.80	14.92	14.96	14.90	14.77	15.5	0
5	QPSK	1	12	14.62	14.75	14.49	14.78	14.56		
5	QPSK	1	24	14.55	14.69	14.63	14.61	14.59		
5	QPSK	12	0	14.67	14.58	14.73	14.61	14.54	15.5	0
5	QPSK	12	7	14.66	14.49	14.57	14.52	14.54		
5	QPSK	12	13	14.66	14.51	14.46	14.61	14.36		
5	QPSK	25	0	14.65	14.70	14.68	14.56	14.38		
5	16QAM	1	0	14.64	14.65	14.74	14.78	14.49	15.5	0
5	16QAM	1	12	14.53	14.81	14.87	14.90	14.66		
5	16QAM	1	24	14.95	14.90	14.60	14.59	14.93		
5	16QAM	12	0	14.65	14.57	14.41	14.47	14.38	15.5	0
5	16QAM	12	7	14.56	14.65	14.45	14.55	14.40		
5	16QAM	12	13	14.65	14.58	14.54	14.57	14.46		
5	16QAM	25	0	14.78	14.69	14.46	14.61	14.48		
5	64QAM	1	0	14.60	14.66	14.73	14.85	14.47	15.5	0
5	64QAM	1	12	14.77	14.37	14.75	14.46	14.39		
5	64QAM	1	24	14.59	14.30	14.70	14.83	14.64		
5	64QAM	12	0	14.68	14.61	14.46	14.68	14.33	15.5	0
5	64QAM	12	7	14.60	14.76	14.45	14.57	14.54		
5	64QAM	12	13	14.60	14.58	14.40	14.58	14.63		
5	64QAM	25	0	14.52	14.65	14.45	14.63	14.50		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.40	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

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	20.36	20.06	20.45	20.18	20.12	21.5	0
20	QPSK	1	49	20.04	20.01	20.17	20.05	20.09		
20	QPSK	1	99	19.95	19.96	20.19	20.11	20.04		
20	QPSK	50	0	20.17	20.16	20.30	20.18	20.15		
20	QPSK	50	24	20.16	20.08	20.14	20.11	20.06	21.5	0
20	QPSK	50	50	20.01	20.14	20.20	20.17	20.13		
20	QPSK	100	0	20.11	20.21	20.32	20.29	20.04		
20	16QAM	1	0	20.25	20.11	20.17	20.05	19.79	21.5	0
20	16QAM	1	49	20.07	20.02	20.25	20.22	19.77		
20	16QAM	1	99	19.96	20.43	19.91	19.85	20.11		
20	16QAM	50	0	20.12	20.11	20.20	20.23	20.13	21.5	0
20	16QAM	50	24	20.22	20.22	20.13	20.33	20.09		
20	16QAM	50	50	20.14	20.24	20.12	20.26	20.19		
20	16QAM	100	0	19.95	20.13	20.10	20.23	19.98		
20	64QAM	1	0	20.26	19.99	20.04	20.06	20.33	21.5	0
20	64QAM	1	49	20.13	19.84	19.97	20.04	20.04		
20	64QAM	1	99	19.97	20.10	20.18	20.22	20.02		
20	64QAM	50	0	19.95	20.09	20.04	20.16	20.14	21.5	0
20	64QAM	50	24	20.06	20.08	20.18	20.15	19.95		
20	64QAM	50	50	20.13	20.22	20.20	20.37	20.17		
20	64QAM	100	0	20.19	20.12	19.98	20.22	20.06		
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	20.22	19.91	20.40	20.08	20.07	21.5	0
15	QPSK	1	37	19.88	19.88	20.07	19.98	19.98		
15	QPSK	1	74	19.83	19.84	20.03	20.05	19.93		
15	QPSK	36	0	20.03	20.08	20.16	20.09	20.10	21.5	0
15	QPSK	36	20	20.05	19.99	19.99	20.00	19.97		
15	QPSK	36	39	19.85	20.00	20.05	20.11	20.01		
15	QPSK	75	0	20.01	20.12	20.25	20.16	19.97		
15	16QAM	1	0	20.13	20.05	20.09	19.95	19.74	21.5	0
15	16QAM	1	37	19.96	19.95	20.12	20.09	19.65		
15	16QAM	1	74	19.89	20.33	19.84	19.70	20.05		
15	16QAM	36	0	20.02	20.02	20.11	20.18	20.01	21.5	0
15	16QAM	36	20	20.09	20.10	19.98	20.25	19.99		
15	16QAM	36	39	19.99	20.08	20.05	20.13	20.10		
15	16QAM	75	0	19.86	19.99	20.03	20.14	19.92		
15	64QAM	1	0	20.17	19.92	19.90	20.01	20.23	21.5	0
15	64QAM	1	37	20.00	19.71	19.83	19.89	19.97		
15	64QAM	1	74	19.81	20.04	20.09	20.09	19.86		
15	64QAM	36	0	19.87	20.03	19.95	20.03	20.08	21.5	0
15	64QAM	36	20	19.97	19.99	20.03	19.99	19.82		
15	64QAM	36	39	20.08	20.13	20.10	20.21	20.06		
15	64QAM	75	0	20.03	20.01	19.87	20.07	19.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.21	19.91	20.40	20.08	20.05	21.5	0
10	QPSK	1	25	19.97	19.85	20.11	19.91	19.97		
10	QPSK	1	49	19.89	19.85	20.08	19.96	19.97		
10	QPSK	25	0	20.07	20.07	20.24	20.10	20.06	21.5	0
10	QPSK	25	12	20.11	20.02	20.07	19.99	20.00		
10	QPSK	25	25	19.95	20.00	20.09	20.07	20.04		
10	QPSK	50	0	19.99	20.16	20.18	20.13	19.93		
10	16QAM	1	0	20.11	19.99	20.06	19.95	19.68	21.5	0
10	16QAM	1	25	20.01	19.88	20.11	20.09	19.68		
10	16QAM	1	49	19.84	20.35	19.85	19.77	20.06		
10	16QAM	25	0	19.97	20.05	20.11	20.07	20.08	21.5	0
10	16QAM	25	12	20.12	20.16	19.97	20.21	20.01		
10	16QAM	25	25	20.00	20.09	19.96	20.17	20.11		
10	16QAM	50	0	19.90	20.06	20.03	20.17	19.93		
10	64QAM	1	0	20.19	19.91	19.99	19.92	20.24	21.5	0
10	64QAM	1	25	20.06	19.73	19.87	19.88	19.98		
10	64QAM	1	49	19.81	20.04	20.04	20.13	19.97		
10	64QAM	25	0	19.80	20.02	19.91	20.11	20.04	21.5	0
10	64QAM	25	12	19.92	20.02	20.13	20.04	19.85		
10	64QAM	25	25	20.07	20.15	20.14	20.31	20.11		
10	64QAM	50	0	20.09	20.02	19.89	20.12	19.94		
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	20.23	19.99	20.38	20.03	20.07	21.5	0
5	QPSK	1	12	19.94	19.91	20.03	19.92	19.94		
5	QPSK	1	24	19.88	19.90	20.14	20.06	19.88		
5	QPSK	12	0	20.02	20.07	20.21	20.04	20.06	21.5	0
5	QPSK	12	7	20.04	19.92	20.04	20.05	19.95		
5	QPSK	12	13	19.89	20.08	20.10	20.03	20.06		
5	QPSK	25	0	19.97	20.10	20.24	20.23	19.91		
5	16QAM	1	0	20.12	19.97	20.06	19.90	19.63	21.5	0
5	16QAM	1	12	19.92	19.97	20.14	20.07	19.61		
5	16QAM	1	24	19.87	20.37	19.79	19.70	19.95		
5	16QAM	12	0	20.06	20.01	20.05	20.14	20.04	21.5	0
5	16QAM	12	7	20.06	20.14	20.01	20.24	20.04		
5	16QAM	12	13	20.02	20.16	19.97	20.10	20.07		
5	16QAM	25	0	19.88	19.98	20.00	20.08	19.90		
5	64QAM	1	0	20.18	19.92	19.88	19.90	20.23	21.5	0
5	64QAM	1	12	19.97	19.73	19.83	19.89	19.88		
5	64QAM	1	24	19.81	19.96	20.10	20.06	19.94		
5	64QAM	12	0	19.82	20.03	19.90	20.10	20.08	21.5	0
5	64QAM	12	7	19.97	19.99	20.02	20.04	19.88		
5	64QAM	12	13	20.03	20.17	20.06	20.32	20.11		
5	64QAM	25	0	20.13	20.00	19.92	20.09	19.98		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	15.94	16.18	15.90	16.5	0
20	QPSK		49	15.93	16.03	15.85		
20	QPSK		99	15.86	15.92	15.85		
20	QPSK	50	0	15.95	16.14	16.13		
20	QPSK	50	24	15.87	16.07	16.06	16.5	0
20	QPSK	50	50	15.91	16.00	16.11		
20	QPSK	100	0	15.99	16.02	16.00		
20	16QAM		0	16.02	16.13	16.10	16.5	0
20	16QAM		49	15.71	16.16	16.03		
20	16QAM		99	15.98	16.09	16.08		
20	16QAM	50	0	15.84	15.91	16.11	16.5	0
20	16QAM	50	24	16.01	16.08	16.07		
20	16QAM	50	50	16.02	16.10	16.04		
20	16QAM	100	0	15.96	15.95	16.06		
20	64QAM		0	16.14	16.09	16.14	16.5	0
20	64QAM		49	16.07	16.10	16.12		
20	64QAM		99	16.11	16.14	16.09		
20	64QAM	50	0	15.79	16.13	16.14	16.5	0
20	64QAM	50	24	15.99	16.00	16.12		
20	64QAM	50	50	15.89	16.17	16.10		
20	64QAM	100	0	15.96	16.02	16.01		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	15.83	16.10	15.75	16.5	0
15	QPSK		37	15.83	15.93	15.79		
15	QPSK		74	15.71	15.86	15.78		
15	QPSK	36	0	15.86	16.01	16.03	16.5	0
15	QPSK	36	20	15.73	15.93	16.00		
15	QPSK	36	39	15.86	15.94	16.01		
15	QPSK	75	0	15.93	15.93	15.88		
15	16QAM		0	15.88	15.97	15.95	16.5	0
15	16QAM		37	15.58	16.09	15.97		
15	16QAM		74	15.92	15.93	16.01		
15	16QAM	36	0	15.71	15.76	16.04	16.5	0
15	16QAM	36	20	15.88	15.92	15.97		
15	16QAM	36	39	15.90	15.95	15.93		
15	16QAM	75	0	15.81	15.90	15.91		
15	64QAM		0	16.03	15.97	16.09	16.5	0
15	64QAM		37	16.02	16.04	16.07		
15	64QAM		74	15.99	16.01	16.01		
15	64QAM	36	0	15.74	16.07	16.03	16.5	0
15	64QAM	36	20	15.93	15.90	15.98		
15	64QAM	36	39	15.74	16.01	16.02		
15	64QAM	75	0	15.80	15.96	15.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	15.87	16.06	15.83	16.5	0
10	QPSK		25	15.79	15.93	15.78		
10	QPSK		49	15.81	15.79	15.70		
10	QPSK	25	0	15.87	16.05	16.05	16.5	0
10	QPSK	25	12	15.73	15.93	16.01		
10	QPSK	25	25	15.82	15.84	15.98		
10	QPSK	50	0	15.83	15.93	15.88		
10	16QAM		0	15.91	15.99	15.94	16.5	0
10	16QAM		25	15.61	16.09	15.98		
10	16QAM		49	15.89	15.97	15.96		
10	16QAM	25	0	15.70	15.77	16.03	16.5	0
10	16QAM	25	12	15.87	15.99	15.93		
10	16QAM	25	25	15.89	15.99	15.93		
10	16QAM	50	0	15.81	15.86	15.92		
10	64QAM		0	16.02	15.96	16.06	16.5	0
10	64QAM		25	16.01	16.04	15.97		
10	64QAM		49	16.06	16.07	15.94		
10	64QAM	25	0	15.67	15.99	16.01	16.5	0
10	64QAM	25	12	15.91	15.88	16.05		
10	64QAM	25	25	15.75	16.09	15.94		
10	64QAM	50	0	15.88	15.89	15.95		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	15.82	16.13	15.85	16.5	0
5	QPSK		12	15.83	15.96	15.73		
5	QPSK		24	15.72	15.86	15.80		
5	QPSK	12	0	15.79	15.99	16.05	16.5	0
5	QPSK	12	7	15.82	15.91	15.96		
5	QPSK	12	13	15.75	15.85	16.01		
5	QPSK	25	0	15.89	15.88	15.89		
5	16QAM		0	15.89	16.03	16.00	16.5	0
5	16QAM		12	15.66	16.11	15.94		
5	16QAM		24	15.90	16.02	15.96		
5	16QAM	12	0	15.73	15.85	16.01	16.5	0
5	16QAM	12	7	15.91	16.02	16.02		
5	16QAM	12	13	15.95	16.03	15.95		
5	16QAM	25	0	15.85	15.90	15.97		
5	64QAM		0	16.04	15.96	16.00	16.5	0
5	64QAM		12	15.97	15.97	16.02		
5	64QAM		24	16.00	16.03	15.93		
5	64QAM	12	0	15.70	16.04	16.06	16.5	0
5	64QAM	12	7	15.89	15.87	15.96		
5	64QAM	12	13	15.84	16.04	16.00		
5	64QAM	25	0	15.82	15.91	15.88		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	15.56	15.82	15.77	16.8	0
20	QPSK		49	15.48	15.57	15.64		
20	QPSK		99	15.50	15.38	15.75		
20	QPSK	50	0	15.63	15.73	15.64	16.8	0
20	QPSK	50	24	15.62	15.66	15.57		
20	QPSK	50	50	15.54	15.68	15.60		
20	QPSK	100	0	15.64	15.78	15.70		
20	16QAM		0	15.72	15.77	15.69	16.8	0
20	16QAM		49	15.68	15.80	15.79		
20	16QAM		99	15.27	15.22	15.38		
20	16QAM	50	0	15.49	15.38	15.47	16.8	0
20	16QAM	50	24	15.50	15.44	15.42		
20	16QAM	50	50	15.48	15.54	15.39		
20	16QAM	100	0	15.48	15.54	15.35		
20	64QAM		0	15.69	15.56	15.02	16.8	0
20	64QAM		49	15.50	15.36	15.62		
20	64QAM		99	15.42	15.44	15.21		
20	64QAM	50	0	15.46	15.47	15.44	16.8	0
20	64QAM	50	24	15.44	15.28	15.42		
20	64QAM	50	50	15.48	15.49	15.33		
20	64QAM	100	0	15.47	15.48	15.47		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	15.47	15.75	15.62	16.8	0
15	QPSK		37	15.42	15.43	15.52		
15	QPSK		74	15.36	15.22	15.59		
15	QPSK	36	0	15.55	15.58	15.51	16.8	0
15	QPSK	36	20	15.53	15.50	15.48		
15	QPSK	36	39	15.45	15.56	15.54		
15	QPSK	75	0	15.59	15.62	15.55		
15	16QAM		0	15.66	15.65	15.62	16.8	0
15	16QAM		37	15.53	15.69	15.70		
15	16QAM		74	15.17	15.12	15.33		
15	16QAM	36	0	15.35	15.23	15.33	16.8	0
15	16QAM	36	20	15.40	15.29	15.35		
15	16QAM	36	39	15.39	15.41	15.34		
15	16QAM	75	0	15.36	15.45	15.25		
15	64QAM		0	15.62	15.46	14.90	16.8	0
15	64QAM		37	15.43	15.20	15.49		
15	64QAM		74	15.30	15.35	15.07		
15	64QAM	36	0	15.34	15.38	15.32	16.8	0
15	64QAM	36	20	15.28	15.17	15.37		
15	64QAM	36	39	15.43	15.35	15.22		
15	64QAM	75	0	15.32	15.43	15.33		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	15.48	15.74	15.68	16.8	0
10	QPSK		25	15.33	15.42	15.56		
10	QPSK		49	15.38	15.28	15.67		
10	QPSK	25	0	15.50	15.63	15.48	16.8	0
10	QPSK	25	12	15.51	15.53	15.50		
10	QPSK	25	25	15.47	15.54	15.46		
10	QPSK	50	0	15.49	15.68	15.57		
10	16QAM		0	15.60	15.65	15.56	16.8	0
10	16QAM		25	15.52	15.66	15.64		
10	16QAM		49	15.14	15.15	15.24		
10	16QAM	25	0	15.40	15.31	15.41	16.8	0
10	16QAM	25	12	15.42	15.28	15.30		
10	16QAM	25	25	15.39	15.48	15.33		
10	16QAM	50	0	15.40	15.43	15.30		
10	64QAM		0	15.58	15.45	14.92	16.8	0
10	64QAM		25	15.36	15.21	15.48		
10	64QAM		49	15.27	15.34	15.12		
10	64QAM	25	0	15.35	15.33	15.36	16.8	0
10	64QAM	25	12	15.28	15.14	15.29		
10	64QAM	25	25	15.33	15.39	15.23		
10	64QAM	50	0	15.32	15.32	15.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	15.45	15.66	15.69	16.8	0
5	QPSK		12	15.42	15.44	15.58		
5	QPSK		24	15.40	15.31	15.59		
5	QPSK	12	0	15.58	15.58	15.53	16.8	0
5	QPSK	12	7	15.57	15.59	15.46		
5	QPSK	12	13	15.38	15.53	15.48		
5	QPSK	25	0	15.57	15.63	15.65		
5	16QAM		0	15.66	15.70	15.62	16.8	0
5	16QAM		12	15.59	15.75	15.69		
5	16QAM		24	15.11	15.07	15.24		
5	16QAM	12	0	15.36	15.32	15.37	16.8	0
5	16QAM	12	7	15.36	15.37	15.29		
5	16QAM	12	13	15.43	15.46	15.33		
5	16QAM	25	0	15.43	15.46	15.20		
5	64QAM		0	15.60	15.40	14.94	16.8	0
5	64QAM		12	15.34	15.23	15.53		
5	64QAM		24	15.37	15.35	15.13		
5	64QAM	12	0	15.35	15.34	15.31	16.8	0
5	64QAM	12	7	15.28	15.22	15.31		
5	64QAM	12	13	15.37	15.43	15.18		
5	64QAM	25	0	15.35	15.41	15.34		

Reduced Power for DSI 3

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.58	28.65	28.55	**30.50**	19.58	19.65	19.55	21.50
GPRS 1 Tx slot	28.57	28.62	28.52	**30.50**	19.57	19.62	19.52	21.50
GPRS 2 Tx slots	25.16	25.12	25.22	**27.00**	19.16	19.12	19.22	21.00
GPRS 3 Tx slots	23.29	23.25	23.22	**25.00**	19.03	18.99	18.96	20.74
GPRS 4 Tx slots	22.28	22.28	22.15	**23.70**	19.28	19.28	19.15	20.70
EDGE 1 Tx slot	26.04	26.00	25.92	**27.50**	17.04	17.00	16.92	18.50
EDGE 2 Tx slots	24.83	24.84	24.84	**26.50**	18.83	18.84	18.84	20.50
EDGE 3 Tx slots	23.76	23.60	23.63	**25.00**	19.50	19.34	19.37	20.74
EDGE 4 Tx slots	22.46	22.45	22.51	**24.00**	19.46	19.45	19.51	21.00

GSM1900_Ant 13	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	20.84	20.45	20.75	**22.00**	11.84	11.45	11.75	13.00
GPRS 1 Tx slot	20.65	20.45	20.74	**22.00**	11.65	11.45	11.74	13.00
GPRS 2 Tx slots	18.58	18.27	18.55	**19.50**	12.58	12.27	12.55	13.50
GPRS 3 Tx slots	17.24	17.32	17.18	**18.50**	12.98	13.06	12.92	14.24
GPRS 4 Tx slots	16.43	16.34	16.41	**17.00**	13.43	13.34	13.41	14.00
EDGE 1 Tx slot	20.21	20.27	20.16	**21.50**	11.21	11.27	11.16	12.50
EDGE 2 Tx slots	18.60	18.67	18.61	**20.00**	12.60	12.67	12.61	14.00
EDGE 3 Tx slots	17.51	17.38	17.34	**18.50**	13.25	13.12	13.08	14.24
EDGE 4 Tx slots	16.56	16.73	16.53	**17.50**	13.56	13.73	13.53	14.50

GSM1900_Ant 31	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	29.60	29.92	29.89	**31.00**	20.60	20.92	20.89	22.00
GPRS 1 Tx slot	29.57	29.79	29.81	**31.00**	20.57	20.79	20.81	22.00
GPRS 2 Tx slots	27.28	27.41	27.49	**29.00**	21.28	21.41	21.49	23.00
GPRS 3 Tx slots	26.26	26.42	26.35	**28.00**	22.00	22.16	22.09	23.74
GPRS 4 Tx slots	25.00	25.13	25.01	**26.50**	22.00	22.13	22.01	23.50
EDGE 1 Tx slot	25.12	25.31	25.48	**26.50**	16.12	16.31	16.48	17.50
EDGE 2 Tx slots	24.11	24.38	24.32	**25.50**	18.11	18.38	18.32	19.50
EDGE 3 Tx slots	22.96	23.06	23.16	**24.50**	18.70	18.80	18.90	20.24
EDGE 4 Tx slots	22.03	22.10	22.27	**23.50**	19.03	19.10	19.27	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	13.04	13.21	13.18	**15.00**	24.00	24.15	24.10	**25.30**
3GPP Rel 99	RMC 12.2Kbps	13.06	13.23	13.22	**15.00**	24.02	24.20	24.13	**25.30**
3GPP Rel 6	HSDPA Subtest-1	12.03	12.09	12.08	**14.00**	23.07	23.16	23.26	**24.30**
3GPP Rel 6	HSDPA Subtest-2	12.03	12.11	12.08	**14.00**	23.05	23.13	23.27	**24.30**
3GPP Rel 6	HSDPA Subtest-3	11.53	11.53	11.54	**13.50**	22.54	22.61	22.77	**23.80**
3GPP Rel 6	HSDPA Subtest-4	11.57	11.61	11.55	**13.50**	22.52	22.61	22.79	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-1	12.08	12.21	12.21	**14.00**	23.46	23.54	23.63	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-2	12.12	12.21	12.17	**14.00**	23.45	23.46	23.57	**24.30**
3GPP Rel 8	DC-HSDPA Subtest-3	11.63	11.69	11.63	**13.50**	22.86	22.91	23.09	**23.80**
3GPP Rel 8	DC-HSDPA Subtest-4	11.62	11.70	11.70	**13.50**	22.83	22.91	23.09	**23.80**
3GPP Rel 6	HSUPA Subtest-1	12.29	12.46	12.44	**14.00**	23.01	23.14	23.24	**24.30**
3GPP Rel 6	HSUPA Subtest-2	10.25	10.42	10.44	**12.00**	21.00	21.12	21.29	**22.30**
3GPP Rel 6	HSUPA Subtest-3	11.27	11.40	11.47	**13.00**	22.00	22.15	22.26	**23.30**
3GPP Rel 6	HSUPA Subtest-4	10.23	10.43	10.45	**12.00**	21.04	21.14	21.30	**22.30**
3GPP Rel 6	HSUPA Subtest-5	12.19	12.34	12.39	**14.00**	23.10	23.20	23.30	**24.30**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	13.54	13.56	13.48	**15.00**	24.02	24.11	24.08	**25.50**
3GPP Rel 99	RMC 12.2Kbps	13.56	13.59	13.51	**15.00**	24.09	24.16	24.13	**25.50**
3GPP Rel 6	HSDPA Subtest-1	12.43	12.36	12.41	**14.00**	22.96	23.20	23.29	**24.50**
3GPP Rel 6	HSDPA Subtest-2	12.40	12.37	12.43	**14.00**	23.01	23.20	23.30	**24.50**
3GPP Rel 6	HSDPA Subtest-3	11.96	11.87	11.96	**13.50**	22.54	22.67	22.78	**24.00**
3GPP Rel 6	HSDPA Subtest-4	11.86	11.83	11.95	**13.50**	22.53	22.68	22.75	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	12.53	12.52	12.57	**14.00**	23.31	23.60	23.65	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	12.48	12.53	12.51	**14.00**	23.39	23.56	23.59	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	12.11	11.96	12.06	**13.50**	22.86	23.01	23.13	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	11.96	11.91	12.10	**13.50**	22.86	23.00	23.13	**24.00**
3GPP Rel 6	HSUPA Subtest-1	12.46	12.31	12.37	**14.00**	23.06	22.90	22.90	**24.50**
3GPP Rel 6	HSUPA Subtest-2	10.41	10.34	10.25	**12.00**	21.04	20.91	20.98	**22.50**
3GPP Rel 6	HSUPA Subtest-3	11.44	11.33	11.33	**13.00**	22.04	21.90	21.97	**23.50**
3GPP Rel 6	HSUPA Subtest-4	10.43	10.36	10.31	**12.00**	21.03	20.88	20.91	**22.50**
3GPP Rel 6	HSUPA Subtest-5	12.49	12.41	12.34	**14.00**	23.00	22.88	22.93	**24.50**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.03	20.04	19.98	**21.50**	24.16	24.11	24.03	**25.50**
3GPP Rel 99	RMC 12.2Kbps	20.04	20.05	19.99	**21.50**	24.17	24.22	24.05	**25.50**
3GPP Rel 6	HSDPA Subtest-1	18.70	18.73	18.77	**20.50**	23.33	23.26	23.14	**24.50**
3GPP Rel 6	HSDPA Subtest-2	18.75	18.81	18.77	**20.50**	23.34	23.24	23.15	**24.50**
3GPP Rel 6	HSDPA Subtest-3	18.26	18.29	18.28	**20.00**	22.82	22.80	22.64	**24.00**
3GPP Rel 6	HSDPA Subtest-4	18.23	18.25	18.27	**20.00**	22.82	22.69	22.64	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.79	18.80	18.93	**20.50**	23.97	23.94	23.80	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-2	18.83	18.97	18.88	**20.50**	23.98	23.92	23.85	**24.50**
3GPP Rel 8	DC-HSDPA Subtest-3	18.42	18.38	18.40	**20.00**	23.48	23.40	23.25	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.38	18.36	18.43	**20.00**	23.44	23.37	23.30	**24.00**
3GPP Rel 6	HSUPA Subtest-1	18.84	18.84	18.83	**20.50**	23.30	23.24	23.16	**24.50**
3GPP Rel 6	HSUPA Subtest-2	16.84	16.91	16.79	**18.50**	21.27	21.23	21.11	**22.50**
3GPP Rel 6	HSUPA Subtest-3	17.85	17.84	17.77	**19.50**	22.28	22.23	22.11	**23.50**
3GPP Rel 6	HSUPA Subtest-4	16.81	16.84	16.76	**18.50**	21.29	21.27	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-5	18.87	18.87	18.77	**20.50**	23.30	23.20	23.10	**24.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	19.98	20.05	20.05	**21.00**	23.92	23.95	23.85	**25.00**
RC3 SO55	20.06	20.21	20.17	**21.00**	23.92	23.97	23.85	**25.00**
RC3 SO32 (F+SCH)	20.06	20.09	20.06	**21.00**	23.92	23.94	23.85	**25.00**
RC3 SO32 (+SCH)	20.00	20.01	19.96	**21.00**	23.79	23.88	23.84	**25.00**

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.19	13.39	13.23	14.5	0
20	QPSK	1	49	13.18	13.15	13.21		
20	QPSK	1	99	13.05	13.02	13.05		
20	QPSK	50	0	13.27	13.35	13.26	14.5	0
20	QPSK	50	24	13.26	13.26	13.21		
20	QPSK	50	50	13.18	13.17	13.24		
20	QPSK	100	0	13.23	13.29	13.21		
20	16QAM	1	0	13.33	13.30	13.30	14.5	0
20	16QAM	1	49	13.19	13.22	13.35		
20	16QAM	1	99	13.23	13.17	13.16		
20	16QAM	50	0	13.10	13.07	13.06	14.5	0
20	16QAM	50	24	13.07	13.07	13.03		
20	16QAM	50	50	13.02	13.01	13.05		
20	16QAM	100	0	13.05	13.04	13.03		
20	64QAM	1	0	13.13	13.22	13.24	14.5	0
20	64QAM	1	49	13.19	13.35	13.28		
20	64QAM	1	99	13.10	13.16	13.22		
20	64QAM	50	0	13.07	13.10	13.15	14.5	0
20	64QAM	50	24	13.08	13.14	13.20		
20	64QAM	50	50	13.03	13.11	13.15		
20	64QAM	100	0	13.08	13.12	13.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.06	13.25	13.09	14.5	0
15	QPSK	1	37	13.05	13.00	13.09		
15	QPSK	1	74	12.93	12.87	12.90		
15	QPSK	36	0	13.21	13.25	13.16	14.5	0
15	QPSK	36	20	13.10	13.21	13.12		
15	QPSK	36	39	13.13	13.06	13.09		
15	QPSK	75	0	13.17	13.24	13.15		
15	16QAM	1	0	13.23	13.24	13.19	14.5	0
15	16QAM	1	37	13.13	13.09	13.22		
15	16QAM	1	74	13.17	13.07	13.08		
15	16QAM	36	0	12.97	12.92	12.96	14.5	0
15	16QAM	36	20	12.98	12.94	12.91		
15	16QAM	36	39	12.94	12.93	12.98		
15	16QAM	75	0	12.97	12.96	12.87		
15	64QAM	1	0	13.01	13.14	13.08	14.5	0
15	64QAM	1	37	13.06	13.25	13.18		
15	64QAM	1	74	13.05	13.09	13.16		
15	64QAM	36	0	13.02	13.04	13.02	14.5	0
15	64QAM	36	20	13.01	13.01	13.14		
15	64QAM	36	39	12.90	12.96	13.06		
15	64QAM	75	0	12.93	13.06	13.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.08	13.29	13.14	14.5	0
10	QPSK	1	25	13.10	13.00	13.05		
10	QPSK	1	49	12.93	12.96	12.90		
10	QPSK	25	0	13.11	13.28	13.20	14.5	0
10	QPSK	25	12	13.15	13.13	13.11		
10	QPSK	25	25	13.11	13.03	13.13		
10	QPSK	50	0	13.13	13.23	13.07		
10	16QAM	1	0	13.28	13.16	13.18	14.5	0
10	16QAM	1	25	13.04	13.08	13.28		
10	16QAM	1	49	13.09	13.05	13.06		
10	16QAM	25	0	12.99	13.01	12.96	14.5	0
10	16QAM	25	12	12.94	13.02	12.98		
10	16QAM	25	25	12.94	12.94	12.96		
10	16QAM	50	0	12.98	12.93	12.98		
10	64QAM	1	0	12.98	13.09	13.09	14.5	0
10	64QAM	1	25	13.14	13.28	13.13		
10	64QAM	1	49	12.96	13.01	13.15		
10	64QAM	25	0	12.99	12.97	13.08	14.5	0
10	64QAM	25	12	12.93	13.07	13.15		
10	64QAM	25	25	12.90	12.99	13.08		
10	64QAM	50	0	12.92	13.03	13.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.06	13.34	13.14	14.5	0
5	QPSK	1	12	13.09	13.05	13.12		
5	QPSK	1	24	12.89	12.94	12.91		
5	QPSK	12	0	13.22	13.25	13.20	14.5	0
5	QPSK	12	7	13.20	13.16	13.11		
5	QPSK	12	13	13.11	13.02	13.09		
5	QPSK	25	0	13.14	13.21	13.05		
5	16QAM	1	0	13.19	13.17	13.21	14.5	0
5	16QAM	1	12	13.06	13.10	13.25		
5	16QAM	1	24	13.15	13.02	13.05		
5	16QAM	12	0	13.03	13.01	12.94	14.5	0
5	16QAM	12	7	12.93	12.98	12.94		
5	16QAM	12	13	12.86	12.96	13.00		
5	16QAM	25	0	13.00	12.90	12.95		
5	64QAM	1	0	12.98	13.06	13.13	14.5	0
5	64QAM	1	12	13.10	13.22	13.22		
5	64QAM	1	24	12.94	13.04	13.14		
5	64QAM	12	0	13.02	12.98	13.01	14.5	0
5	64QAM	12	7	12.99	13.02	13.13		
5	64QAM	12	13	12.91	13.05	12.99		
5	64QAM	25	0	12.96	13.01	13.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.10	13.32	13.10	14.5	0
3	QPSK	1	8	13.12	13.05	13.07		
3	QPSK	1	14	12.92	12.92	12.97		
3	QPSK	8	0	13.21	13.23	13.19	14.5	0
3	QPSK	8	4	13.14	13.20	13.09		
3	QPSK	8	7	13.06	13.03	13.14		
3	QPSK	15	0	13.10	13.24	13.11		
3	16QAM	1	0	13.18	13.16	13.20	14.5	0
3	16QAM	1	8	13.07	13.07	13.19		
3	16QAM	1	14	13.11	13.03	13.08		
3	16QAM	8	0	12.95	12.96	13.00	14.5	0
3	16QAM	8	4	12.97	12.99	12.98		
3	16QAM	8	7	12.93	12.87	12.93		
3	16QAM	15	0	12.93	12.93	12.91		
3	64QAM	1	0	13.00	13.06	13.13	14.5	0
3	64QAM	1	8	13.14	13.26	13.12		
3	64QAM	1	14	12.96	13.08	13.07		
3	64QAM	8	0	12.93	12.99	13.06	14.5	0
3	64QAM	8	4	12.95	12.98	13.15		
3	64QAM	8	7	12.88	13.03	12.99		
3	64QAM	15	0	12.93	12.98	13.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.04	13.24	13.16	14.5	0
1.4	QPSK	1	3	13.07	13.10	13.06		
1.4	QPSK	1	5	13.00	12.95	12.94		
1.4	QPSK	3	0	13.22	13.26	13.13		
1.4	QPSK	3	1	13.17	13.13	13.07		
1.4	QPSK	3	3	13.08	13.02	13.08		
1.4	QPSK	6	0	13.14	13.15	13.07	14.5	0
1.4	16QAM	1	0	13.18	13.14	13.19	14.5	0
1.4	16QAM	1	3	13.13	13.13	13.28		
1.4	16QAM	1	5	13.10	13.06	13.05		
1.4	16QAM	3	0	12.97	12.99	12.94		
1.4	16QAM	3	1	13.01	12.91	12.93		
1.4	16QAM	3	3	12.88	12.89	12.90		
1.4	16QAM	6	0	12.92	12.92	12.98	14.5	0
1.4	64QAM	1	0	13.06	13.17	13.08	14.5	0
1.4	64QAM	1	3	13.05	13.23	13.21		
1.4	64QAM	1	5	12.98	13.09	13.16		
1.4	64QAM	3	0	12.94	13.02	13.02		
1.4	64QAM	3	1	13.03	13.05	13.09		
1.4	64QAM	3	3	12.87	13.04	13.00		
1.4	64QAM	6	0	12.92	12.98	13.07	14.5	0

Band 2_Ant 31

BW [MHz]	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	23.02	23.28	22.92	24.5	0
20	QPSK	1	49	22.85	23.20	22.82		
20	QPSK	1	99	22.73	23.12	22.70		
20	QPSK	50	0	22.03	22.15	21.92	23.5	1
20	QPSK	50	24	21.76	22.07	21.83		
20	QPSK	50	50	21.76	22.02	21.83		
20	QPSK	100	0	21.92	22.03	21.83		
20	16QAM	1	0	21.93	22.28	22.09	23.5	1
20	16QAM	1	49	21.70	22.23	21.79		
20	16QAM	1	99	21.84	21.91	21.80		
20	16QAM	50	0	21.04	21.04	20.86	22.5	2
20	16QAM	50	24	21.02	21.21	21.05		
20	16QAM	50	50	20.94	21.10	20.81		
20	16QAM	100	0	21.04	21.09	21.01		
20	64QAM	1	0	21.08	21.08	20.99	22.5	2
20	64QAM	1	49	20.90	21.31	21.21		
20	64QAM	1	99	20.82	21.08	20.94		
20	64QAM	50	0	20.05	20.23	19.91	21.5	3
20	64QAM	50	24	20.09	20.14	19.89		
20	64QAM	50	50	19.99	20.17	19.89		
20	64QAM	100	0	20.06	20.26	19.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.67	22.63	24.5	0
15	QPSK	1	37	22.51	22.90	22.69		
15	QPSK	1	74	22.51	22.82	22.66		
15	QPSK	36	0	21.76	22.10	21.76	23.5	1
15	QPSK	36	20	21.67	22.16	21.62		
15	QPSK	36	39	21.70	21.90	21.77		
15	QPSK	75	0	21.76	21.85	21.68		
15	16QAM	1	0	22.52	22.74	22.50	23.5	1
15	16QAM	1	37	22.50	22.74	22.48		
15	16QAM	1	74	22.48	22.70	22.32		
15	16QAM	36	0	20.56	20.84	20.65	22.5	2
15	16QAM	36	20	20.68	20.98	20.75		
15	16QAM	36	39	20.68	20.96	20.85		
15	16QAM	75	0	20.64	20.98	20.77		
15	64QAM	1	0	21.29	21.15	20.83	22.5	2
15	64QAM	1	37	21.32	21.29	20.85		
15	64QAM	1	74	20.99	21.05	21.11		
15	64QAM	36	0	19.91	19.97	19.72	21.5	3
15	64QAM	36	20	19.82	20.16	19.66		
15	64QAM	36	39	19.98	19.99	19.83		
15	64QAM	75	0	20.05	20.02	19.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.18	23.16	22.83	24.5	0
10	QPSK	1	25	23.04	22.97	22.88		
10	QPSK	1	49	22.81	23.03	22.84		
10	QPSK	25	0	22.20	22.18	22.02	23.5	1
10	QPSK	25	12	22.18	22.19	22.00		
10	QPSK	25	25	21.98	22.10	21.94		
10	QPSK	50	0	22.14	22.14	21.90		
10	16QAM	1	0	22.56	22.75	22.28	23.5	1
10	16QAM	1	25	22.43	22.26	22.19		
10	16QAM	1	49	22.37	22.31	22.49		
10	16QAM	25	0	21.35	21.16	20.87	22.5	2
10	16QAM	25	12	21.23	21.17	21.01		
10	16QAM	25	25	21.22	21.19	21.02		
10	16QAM	50	0	21.19	21.19	20.99		
10	64QAM	1	0	21.51	21.16	21.10	22.5	2
10	64QAM	1	25	21.25	21.56	21.32		
10	64QAM	1	49	21.20	21.06	21.04		
10	64QAM	25	0	20.39	20.26	20.00	21.5	3
10	64QAM	25	12	20.38	20.15	20.00		
10	64QAM	25	25	20.12	20.16	19.99		
10	64QAM	50	0	20.25	20.21	19.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.20	23.15	22.91	24.5	0
5	QPSK	1	12	23.08	23.27	22.98		
5	QPSK	1	24	23.02	22.99	22.76		
5	QPSK	12	0	22.26	22.15	21.93	23.5	1
5	QPSK	12	7	22.26	22.22	22.04		
5	QPSK	12	13	22.25	22.15	21.85		
5	QPSK	25	0	22.12	22.16	21.91		
5	16QAM	1	0	22.35	22.47	22.28	23.5	1
5	16QAM	1	12	22.08	22.58	22.23		
5	16QAM	1	24	22.32	22.38	22.13		
5	16QAM	12	0	21.40	21.17	20.96	22.5	2
5	16QAM	12	7	21.32	21.26	20.96		
5	16QAM	12	13	21.27	21.11	20.98		
5	16QAM	25	0	21.35	21.14	20.94		
5	64QAM	1	0	21.21	21.11	21.00	22.5	2
5	64QAM	1	12	21.36	21.12	21.15		
5	64QAM	1	24	21.12	21.14	21.17		
5	64QAM	12	0	20.32	20.27	19.98	21.5	3
5	64QAM	12	7	20.32	20.30	20.13		
5	64QAM	12	13	20.14	20.21	19.93		
5	64QAM	25	0	20.12	20.16	19.91		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.96	23.07	22.80	24.5	0
3	QPSK	1	8	23.09	23.01	23.07		
3	QPSK	1	14	22.97	22.87	22.70		
3	QPSK	8	0	22.19	22.23	21.90	23.5	1
3	QPSK	8	4	22.21	22.15	21.80		
3	QPSK	8	7	22.11	22.08	21.78		
3	QPSK	15	0	22.08	22.14	21.80		
3	16QAM	1	0	22.62	22.53	22.19	23.5	1
3	16QAM	1	8	22.21	22.42	22.34		
3	16QAM	1	14	22.47	22.30	22.11		
3	16QAM	8	0	21.23	21.16	20.93	22.5	2
3	16QAM	8	4	21.33	21.23	20.98		
3	16QAM	8	7	21.23	21.16	20.84		
3	16QAM	15	0	21.21	21.01	20.76		
3	64QAM	1	0	21.62	21.28	21.04	22.5	2
3	64QAM	1	8	21.38	21.58	21.29		
3	64QAM	1	14	21.12	21.13	21.02		
3	64QAM	8	0	20.36	20.27	20.00	21.5	3
3	64QAM	8	4	20.33	20.23	20.00		
3	64QAM	8	7	20.10	20.06	19.92		
3	64QAM	15	0	20.26	20.16	19.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.02	22.91	22.81	24.5	0
1.4	QPSK	1	3	23.11	22.91	22.76		
1.4	QPSK	1	5	23.04	23.03	22.73		
1.4	QPSK	3	0	23.11	22.98	22.90		
1.4	QPSK	3	1	23.20	23.18	22.89		
1.4	QPSK	3	3	23.02	23.09	22.84		
1.4	QPSK	6	0	21.99	22.14	21.74	24.5	0
1.4	16QAM	1	0	22.23	22.60	22.43	24.5	0
1.4	16QAM	1	3	22.61	22.09	22.09		
1.4	16QAM	1	5	22.70	22.49	22.21		
1.4	16QAM	3	0	22.27	22.22	21.82		
1.4	16QAM	3	1	22.40	22.38	21.97		
1.4	16QAM	3	3	22.23	22.25	22.00		
1.4	16QAM	6	0	21.33	21.14	20.90	24.5	0
1.4	64QAM	1	0	21.50	21.58	20.95	24.5	0
1.4	64QAM	1	3	21.37	21.13	20.93		
1.4	64QAM	1	5	21.11	21.22	20.96		
1.4	64QAM	3	0	21.30	21.28	21.03		
1.4	64QAM	3	1	21.34	21.40	21.09		
1.4	64QAM	3	3	21.31	21.03	21.05		
1.4	64QAM	6	0	20.18	20.13	19.90	24.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	13.58	13.67	13.58	14.5	0
20	QPSK	1	49	13.49	13.51	13.54		
20	QPSK	1	99	13.34	13.38	13.38		
20	QPSK	50	0	13.50	13.64	13.52	14.5	0
20	QPSK	50	24	13.57	13.51	13.60		
20	QPSK	50	50	13.48	13.51	13.50		
20	QPSK	100	0	13.54	13.58	13.55		
20	16QAM	1	0	13.51	13.48	13.50	14.5	0
20	16QAM	1	49	13.55	13.66	13.41		
20	16QAM	1	99	13.30	13.28	13.27		
20	16QAM	50	0	13.13	13.16	13.16	14.5	0
20	16QAM	50	24	13.21	13.11	13.20		
20	16QAM	50	50	13.13	13.13	13.12		
20	16QAM	100	0	13.16	13.08	13.18		
20	64QAM	1	0	13.34	13.32	13.32	14.5	0
20	64QAM	1	49	13.28	13.30	13.25		
20	64QAM	1	99	13.11	13.16	13.10		
20	64QAM	50	0	13.07	13.09	13.08	14.5	0
20	64QAM	50	24	13.16	13.08	13.13		
20	64QAM	50	50	13.05	13.05	13.03		
20	64QAM	100	0	13.11	13.03	13.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	13.49	13.61	13.50	14.5	0
15	QPSK	1	37	13.39	13.46	13.39		
15	QPSK	1	74	13.25	13.29	13.26		
15	QPSK	36	0	13.43	13.51	13.37	14.5	0
15	QPSK	36	20	13.47	13.46	13.49		
15	QPSK	36	39	13.36	13.39	13.43		
15	QPSK	75	0	13.43	13.52	13.44		
15	16QAM	1	0	13.41	13.34	13.37	14.5	0
15	16QAM	1	37	13.46	13.57	13.36		
15	16QAM	1	74	13.23	13.12	13.19		
15	16QAM	36	0	13.03	13.06	13.09	14.5	0
15	16QAM	36	20	13.11	13.04	13.13		
15	16QAM	36	39	12.98	12.97	13.01		
15	16QAM	75	0	13.11	12.95	13.10		
15	64QAM	1	0	13.29	13.22	13.16	14.5	0
15	64QAM	1	37	13.21	13.24	13.13		
15	64QAM	1	74	13.02	13.05	12.97		
15	64QAM	36	0	12.93	12.99	13.02	14.5	0
15	64QAM	36	20	13.04	12.98	13.01		
15	64QAM	36	39	12.90	12.97	12.94		
15	64QAM	75	0	13.01	12.95	13.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	13.52	13.57	13.53	14.5	0
10	QPSK	1	25	13.43	13.42	13.47		
10	QPSK	1	49	13.26	13.22	13.27		
10	QPSK	25	0	13.41	13.48	13.37	14.5	0
10	QPSK	25	12	13.43	13.42	13.54		
10	QPSK	25	25	13.40	13.46	13.41		
10	QPSK	50	0	13.47	13.49	13.43		
10	16QAM	1	0	13.45	13.34	13.41	14.5	0
10	16QAM	1	25	13.39	13.51	13.33		
10	16QAM	1	49	13.18	13.18	13.14		
10	16QAM	25	0	13.05	13.10	13.04	14.5	0
10	16QAM	25	12	13.10	13.01	13.08		
10	16QAM	25	25	12.98	13.01	13.06		
10	16QAM	50	0	13.10	12.99	13.04		
10	64QAM	1	0	13.23	13.18	13.26	14.5	0
10	64QAM	1	25	13.21	13.21	13.09		
10	64QAM	1	49	13.01	13.00	13.03		
10	64QAM	25	0	13.00	12.93	12.94	14.5	0
10	64QAM	25	12	13.08	13.01	13.00		
10	64QAM	25	25	12.92	12.92	12.98		
10	64QAM	50	0	13.00	12.96	13.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	13.52	13.61	13.52	14.5	0
5	QPSK	1	12	13.40	13.39	13.41		
5	QPSK	1	24	13.22	13.28	13.29		
5	QPSK	12	0	13.35	13.52	13.44	14.5	0
5	QPSK	12	7	13.50	13.42	13.55		
5	QPSK	12	13	13.32	13.44	13.36		
5	QPSK	25	0	13.41	13.48	13.47		
5	16QAM	1	0	13.36	13.41	13.44	14.5	0
5	16QAM	1	12	13.50	13.50	13.30		
5	16QAM	1	24	13.25	13.19	13.12		
5	16QAM	12	0	13.03	13.09	13.03	14.5	0
5	16QAM	12	7	13.09	12.97	13.14		
5	16QAM	12	13	12.99	13.04	13.07		
5	16QAM	25	0	13.00	12.97	13.02		
5	64QAM	1	0	13.28	13.25	13.27	14.5	0
5	64QAM	1	12	13.12	13.16	13.14		
5	64QAM	1	24	12.98	13.09	12.94		
5	64QAM	12	0	12.99	12.95	13.03	14.5	0
5	64QAM	12	7	13.08	12.96	13.01		
5	64QAM	12	13	13.00	12.95	12.96		
5	64QAM	25	0	13.04	12.95	12.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	13.50	13.56	13.49	14.5	0
3	QPSK	1	8	13.41	13.37	13.49		
3	QPSK	1	14	13.24	13.22	13.25		
3	QPSK	8	0	13.37	13.57	13.43	14.5	0
3	QPSK	8	4	13.51	13.35	13.44		
3	QPSK	8	7	13.41	13.45	13.37		
3	QPSK	15	0	13.48	13.48	13.41		
3	16QAM	1	0	13.38	13.34	13.43	14.5	0
3	16QAM	1	8	13.46	13.60	13.30		
3	16QAM	1	14	13.25	13.15	13.14		
3	16QAM	8	0	12.99	13.04	13.02	14.5	0
3	16QAM	8	4	13.10	13.03	13.05		
3	16QAM	8	7	13.07	13.05	12.98		
3	16QAM	15	0	13.01	12.93	13.11		
3	64QAM	1	0	13.19	13.18	13.20	14.5	0
3	64QAM	1	8	13.21	13.19	13.10		
3	64QAM	1	14	13.04	13.01	12.99		
3	64QAM	8	0	12.93	13.02	13.01	14.5	0
3	64QAM	8	4	13.08	12.94	12.99		
3	64QAM	8	7	12.98	12.91	12.98		
3	64QAM	15	0	13.04	12.88	13.02		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.52	13.52	13.48	14.5	0
1.4	QPSK	1	3	13.35	13.43	13.46		
1.4	QPSK	1	5	13.21	13.27	13.22		
1.4	QPSK	3	0	13.37	13.57	13.39		
1.4	QPSK	3	1	13.41	13.41	13.52		
1.4	QPSK	3	3	13.32	13.44	13.45		
1.4	QPSK	6	0	13.47	13.51	13.49	14.5	0
1.4	16QAM	1	0	13.44	13.43	13.45	14.5	0
1.4	16QAM	1	3	13.40	13.54	13.36		
1.4	16QAM	1	5	13.23	13.17	13.19		
1.4	16QAM	3	0	13.05	13.08	13.11		
1.4	16QAM	3	1	13.15	12.95	13.11		
1.4	16QAM	3	3	13.02	12.97	12.98		
1.4	16QAM	6	0	13.02	13.03	13.11	14.5	0
1.4	64QAM	1	0	13.19	13.17	13.20	14.5	0
1.4	64QAM	1	3	13.23	13.20	13.13		
1.4	64QAM	1	5	13.06	13.03	13.00		
1.4	64QAM	3	0	12.96	12.94	12.99		
1.4	64QAM	3	1	13.00	13.02	13.06		
1.4	64QAM	3	3	12.90	12.91	12.94		
1.4	64QAM	6	0	13.02	12.89	13.02	14.5	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	25	0
1.4	16QAM	1	0	23.13	23.14	23.22	25	0
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	25	0
1.4	64QAM	1	0	21.97	22.02	21.96	25	0
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	25	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.79	16.83	16.81	18	0
20	QPSK	1	49	16.68	16.76	16.73		
20	QPSK	1	99	16.58	16.62	16.58		
20	QPSK	50	0	16.72	16.82	16.76	18	0
20	QPSK	50	24	16.79	16.73	16.81		
20	QPSK	50	50	16.71	16.71	16.68		
20	QPSK	100	0	16.36	16.38	16.35		
20	16QAM	1	0	16.62	16.76	16.73	18	0
20	16QAM	1	49	16.66	16.71	16.65		
20	16QAM	1	99	16.46	16.53	16.42		
20	16QAM	50	0	16.32	16.37	16.35	18	0
20	16QAM	50	24	16.39	16.34	16.40		
20	16QAM	50	50	16.29	16.31	16.30		
20	16QAM	100	0	16.34	16.29	16.35		
20	64QAM	1	0	16.54	16.60	16.59	18	0
20	64QAM	1	49	16.52	16.62	16.55		
20	64QAM	1	99	16.48	16.45	16.39		
20	64QAM	50	0	16.34	16.39	16.37	18	0
20	64QAM	50	24	16.38	16.34	16.41		
20	64QAM	50	50	16.32	16.34	16.30		
20	64QAM	100	0	16.36	16.31	16.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.74	16.77	16.69	18	0
15	QPSK	1	37	16.63	16.64	16.60		
15	QPSK	1	74	16.53	16.48	16.47		
15	QPSK	36	0	16.60	16.66	16.62	18	0
15	QPSK	36	20	16.74	16.58	16.68		
15	QPSK	36	39	16.56	16.66	16.55		
15	QPSK	75	0	16.26	16.22	16.19		
15	16QAM	1	0	16.46	16.61	16.65	18	0
15	16QAM	1	37	16.52	16.59	16.57		
15	16QAM	1	74	16.35	16.44	16.36		
15	16QAM	36	0	16.19	16.21	16.28	18	0
15	16QAM	36	20	16.23	16.19	16.32		
15	16QAM	36	39	16.22	16.24	16.21		
15	16QAM	75	0	16.22	16.14	16.29		
15	64QAM	1	0	16.46	16.45	16.50	18	0
15	64QAM	1	37	16.39	16.55	16.43		
15	64QAM	1	74	16.39	16.35	16.33		
15	64QAM	36	0	16.25	16.31	16.25	18	0
15	64QAM	36	20	16.24	16.29	16.32		
15	64QAM	36	39	16.25	16.19	16.17		
15	64QAM	75	0	16.29	16.24	16.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.63	16.68	16.72	18	0
10	QPSK	1	25	16.54	16.62	16.60		
10	QPSK	1	49	16.52	16.54	16.44		
10	QPSK	25	0	16.63	16.71	16.64	18	0
10	QPSK	25	12	16.67	16.66	16.66		
10	QPSK	25	25	16.56	16.55	16.63		
10	QPSK	50	0	16.28	16.33	16.20		
10	16QAM	1	0	16.46	16.67	16.65	18	0
10	16QAM	1	25	16.51	16.64	16.54		
10	16QAM	1	49	16.32	16.48	16.30		
10	16QAM	25	0	16.21	16.29	16.26	18	0
10	16QAM	25	12	16.29	16.24	16.30		
10	16QAM	25	25	16.17	16.22	16.20		
10	16QAM	50	0	16.21	16.13	16.19		
10	64QAM	1	0	16.40	16.44	16.47	18	0
10	64QAM	1	25	16.41	16.56	16.41		
10	64QAM	1	49	16.33	16.32	16.25		
10	64QAM	25	0	16.23	16.29	16.31	18	0
10	64QAM	25	12	16.23	16.28	16.36		
10	64QAM	25	25	16.26	16.20	16.19		
10	64QAM	50	0	16.31	16.23	16.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.74	16.78	16.72	18	0
5	QPSK	1	12	16.59	16.61	16.67		
5	QPSK	1	24	16.42	16.53	16.53		
5	QPSK	12	0	16.67	16.71	16.63	18	0
5	QPSK	12	7	16.69	16.65	16.73		
5	QPSK	12	13	16.58	16.59	16.62		
5	QPSK	25	0	16.21	16.25	16.24		
5	16QAM	1	0	16.47	16.61	16.65	18	0
5	16QAM	1	12	16.52	16.64	16.58		
5	16QAM	1	24	16.37	16.48	16.34		
5	16QAM	12	0	16.27	16.32	16.23	18	0
5	16QAM	12	7	16.31	16.23	16.27		
5	16QAM	12	13	16.15	16.21	16.15		
5	16QAM	25	0	16.18	16.17	16.19		
5	64QAM	1	0	16.48	16.47	16.48	18	0
5	64QAM	1	12	16.37	16.51	16.45		
5	64QAM	1	24	16.35	16.35	16.24		
5	64QAM	12	0	16.22	16.29	16.28	18	0
5	64QAM	12	7	16.22	16.20	16.28		
5	64QAM	12	13	16.19	16.28	16.22		
5	64QAM	25	0	16.30	16.26	16.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.73	16.70	16.66	18	0
3	QPSK	1	8	16.53	16.68	16.57		
3	QPSK	1	14	16.50	16.48	16.48		
3	QPSK	8	0	16.59	16.67	16.61	18	0
3	QPSK	8	4	16.71	16.67	16.68		
3	QPSK	8	7	16.61	16.62	16.60		
3	QPSK	15	0	16.29	16.25	16.30		
3	16QAM	1	0	16.56	16.62	16.58	18	0
3	16QAM	1	8	16.53	16.64	16.55		
3	16QAM	1	14	16.39	16.44	16.34		
3	16QAM	8	0	16.19	16.32	16.27	18	0
3	16QAM	8	4	16.25	16.29	16.26		
3	16QAM	8	7	16.20	16.24	16.21		
3	16QAM	15	0	16.28	16.21	16.26		
3	64QAM	1	0	16.47	16.54	16.44	18	0
3	64QAM	1	8	16.37	16.46	16.39		
3	64QAM	1	14	16.39	16.39	16.27		
3	64QAM	8	0	16.19	16.23	16.24	18	0
3	64QAM	8	4	16.24	16.22	16.35		
3	64QAM	8	7	16.26	16.22	16.25		
3	64QAM	15	0	16.20	16.16	16.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.74	16.74	16.72	18	0
1.4	QPSK	1	3	16.60	16.65	16.68		
1.4	QPSK	1	5	16.44	16.51	16.53		
1.4	QPSK	3	0	16.61	16.74	16.71		
1.4	QPSK	3	1	16.63	16.58	16.69		
1.4	QPSK	3	3	16.59	16.61	16.58		
1.4	QPSK	6	0	16.21	16.23	16.24	18	0
1.4	16QAM	1	0	16.46	16.64	16.57	18	0
1.4	16QAM	1	3	16.60	16.63	16.50		
1.4	16QAM	1	5	16.41	16.39	16.30		
1.4	16QAM	3	0	16.16	16.28	16.19		
1.4	16QAM	3	1	16.34	16.20	16.28		
1.4	16QAM	3	3	16.21	16.25	16.17		
1.4	16QAM	6	0	16.20	16.22	16.24	18	0
1.4	64QAM	1	0	16.39	16.51	16.51	18	0
1.4	64QAM	1	3	16.45	16.46	16.39		
1.4	64QAM	1	5	16.39	16.30	16.25		
1.4	64QAM	3	0	16.27	16.33	16.28		
1.4	64QAM	3	1	16.24	16.21	16.26		
1.4	64QAM	3	3	16.20	16.20	16.24		
1.4	64QAM	6	0	16.27	16.23	16.31	18	0

Band 5_Ant 11

BW [MHz]	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	20.20	20.45	20.18	21.5	0
10	QPSK	1	25	20.16	20.12	20.24		
10	QPSK	1	49	20.03	20.20	20.05		
10	QPSK	25	0	20.31	20.34	20.19	21.5	0
10	QPSK	25	12	20.31	20.24	20.29		
10	QPSK	25	25	20.29	20.25	20.20		
10	QPSK	50	0	20.31	20.32	20.25		
10	16QAM	1	0	20.25	20.28	20.16	21.5	0
10	16QAM	1	25	20.26	20.12	19.74		
10	16QAM	1	49	20.18	20.38	20.39		
10	16QAM	25	0	20.37	20.23	20.23	21.5	0
10	16QAM	25	12	20.38	20.15	20.26		
10	16QAM	25	25	20.34	20.38	20.35		
10	16QAM	50	0	20.37	20.31	20.26		
10	64QAM	1	0	20.43	19.86	19.89	21.5	0
10	64QAM	1	25	20.01	20.08	20.06		
10	64QAM	1	49	20.08	20.14	19.71		
10	64QAM	25	0	20.30	20.33	20.20	21.5	0
10	64QAM	25	12	20.31	20.21	20.39		
10	64QAM	25	25	20.34	20.27	20.34		
10	64QAM	50	0	20.38	20.27	20.21		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.14	20.40	20.08	21.5	0
5	QPSK	1	12	20.01	20.02	20.19		
5	QPSK	1	24	19.92	20.05	19.90		
5	QPSK	12	0	20.17	20.25	20.09	21.5	0
5	QPSK	12	7	20.17	20.19	20.15		
5	QPSK	12	13	20.23	20.17	20.15		
5	QPSK	25	0	20.26	20.21	20.12		
5	16QAM	1	0	20.18	20.19	20.05	21.5	0
5	16QAM	1	12	20.19	19.96	19.66		
5	16QAM	1	24	20.12	20.30	20.27		
5	16QAM	12	0	20.32	20.09	20.13	21.5	0
5	16QAM	12	7	20.31	20.10	20.21		
5	16QAM	12	13	20.24	20.30	20.28		
5	16QAM	25	0	20.29	20.17	20.17		
5	64QAM	1	0	20.31	19.71	19.82	21.5	0
5	64QAM	1	12	19.93	19.96	19.91		
5	64QAM	1	24	19.96	20.07	19.59		
5	64QAM	12	0	20.20	20.24	20.13	21.5	0
5	64QAM	12	7	20.21	20.15	20.26		
5	64QAM	12	13	20.26	20.12	20.19		
5	64QAM	25	0	20.32	20.13	20.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.05	20.36	20.13	21.5	0
3	QPSK	1	8	20.00	20.03	20.15		
3	QPSK	1	14	19.98	20.04	19.91		
3	QPSK	8	0	20.23	20.22	20.07	21.5	0
3	QPSK	8	4	20.22	20.11	20.24		
3	QPSK	8	7	20.20	20.15	20.13		
3	QPSK	15	0	20.20	20.24	20.11		
3	16QAM	1	0	20.20	20.14	20.01	21.5	0
3	16QAM	1	8	20.12	20.00	19.65		
3	16QAM	1	14	20.03	20.29	20.26		
3	16QAM	8	0	20.32	20.14	20.07	21.5	0
3	16QAM	8	4	20.31	20.10	20.17		
3	16QAM	8	7	20.28	20.23	20.22		
3	16QAM	15	0	20.21	20.16	20.21		
3	64QAM	1	0	20.38	19.73	19.80	21.5	0
3	64QAM	1	8	19.94	20.03	19.93		
3	64QAM	1	14	19.96	20.03	19.64		
3	64QAM	8	0	20.18	20.25	20.15	21.5	0
3	64QAM	8	4	20.16	20.08	20.32		
3	64QAM	8	7	20.19	20.12	20.25		
3	64QAM	15	0	20.28	20.13	20.12		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.09	20.35	20.11	21.5	0
1.4	QPSK	1	3	20.11	20.01	20.15		
1.4	QPSK	1	5	19.89	20.05	19.96		
1.4	QPSK	3	0	20.25	20.21	20.09		
1.4	QPSK	3	1	20.16	20.18	20.13		
1.4	QPSK	3	3	20.21	20.17	20.13		
1.4	QPSK	6	0	20.21	20.25	20.20	21.5	0
1.4	16QAM	1	0	20.10	20.17	20.11	21.5	0
1.4	16QAM	1	3	20.10	20.06	19.64		
1.4	16QAM	1	5	20.12	20.28	20.23		
1.4	16QAM	3	0	20.26	20.09	20.08		
1.4	16QAM	3	1	20.33	20.01	20.15		
1.4	16QAM	3	3	20.26	20.32	20.25		
1.4	16QAM	6	0	20.28	20.19	20.13	21.5	0
1.4	64QAM	1	0	20.33	19.77	19.74	21.5	0
1.4	64QAM	1	3	19.92	19.97	19.90		
1.4	64QAM	1	5	19.95	20.03	19.66		
1.4	64QAM	3	0	20.19	20.18	20.13		
1.4	64QAM	3	1	20.19	20.15	20.25		
1.4	64QAM	3	3	20.28	20.11	20.25		
1.4	64QAM	6	0	20.22	20.14	20.05	21.5	0

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.30	13.58	13.37	14	0
20	QPSK	1	49	13.21	13.38	13.36		
20	QPSK	1	99	13.22	13.38	13.34		
20	QPSK	50	0	13.38	13.56	13.55	14	0
20	QPSK	50	24	13.34	13.42	13.49		
20	QPSK	50	50	13.27	13.54	13.53		
20	QPSK	100	0	13.34	13.43	13.42		
20	16QAM	1	0	13.15	13.33	13.26	14	0
20	16QAM	1	49	13.21	13.51	13.37		
20	16QAM	1	99	13.17	13.45	13.34		
20	16QAM	50	0	13.03	13.13	13.16	14	0
20	16QAM	50	24	13.09	13.18	13.24		
20	16QAM	50	50	13.05	13.25	13.22		
20	16QAM	100	0	13.05	13.13	13.15		
20	64QAM	1	0	13.07	13.20	13.27	14	0
20	64QAM	1	49	13.12	13.30	13.31		
20	64QAM	1	99	13.15	13.35	13.36		
20	64QAM	50	0	13.04	13.11	13.13	14	0
20	64QAM	50	24	13.04	13.19	13.20		
20	64QAM	50	50	13.05	13.22	13.21		
20	64QAM	100	0	13.05	13.11	13.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.25	13.47	13.27	14	0
15	QPSK	1	37	13.09	13.32	13.30		
15	QPSK	1	74	13.11	13.27	13.22		
15	QPSK	36	0	13.24	13.47	13.40	14	0
15	QPSK	36	20	13.23	13.36	13.42		
15	QPSK	36	39	13.22	13.47	13.47		
15	QPSK	75	0	13.20	13.30	13.37		
15	16QAM	1	0	13.05	13.19	13.10	14	0
15	16QAM	1	37	13.14	13.40	13.31		
15	16QAM	1	74	13.10	13.30	13.27		
15	16QAM	36	0	13.18	13.23	13.29	14	0
15	16QAM	36	20	13.20	13.31	13.37		
15	16QAM	36	39	13.17	13.32	13.34		
15	16QAM	75	0	13.12	13.20	13.25		
15	64QAM	1	0	13.22	13.25	13.38	14	0
15	64QAM	1	37	13.19	13.41	13.46		
15	64QAM	1	74	13.29	13.48	13.47		
15	64QAM	36	0	13.13	13.19	13.28	14	0
15	64QAM	36	20	13.19	13.23	13.26		
15	64QAM	36	39	13.17	13.34	13.36		
15	64QAM	75	0	13.16	13.16	13.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.23	13.45	13.31	14	0
10	QPSK	1	25	13.13	13.28	13.31		
10	QPSK	1	49	13.11	13.27	13.18		
10	QPSK	25	0	13.27	13.49	13.42	14	0
10	QPSK	25	12	13.28	13.37	13.44		
10	QPSK	25	25	13.22	13.48	13.46		
10	QPSK	50	0	13.25	13.28	13.30		
10	16QAM	1	0	13.06	13.27	13.20	14	0
10	16QAM	1	25	13.05	13.45	13.30		
10	16QAM	1	49	13.07	13.33	13.29		
10	16QAM	25	0	13.09	13.28	13.22	14	0
10	16QAM	25	12	13.14	13.25	13.36		
10	16QAM	25	25	13.16	13.35	13.36		
10	16QAM	50	0	13.12	13.26	13.19		
10	64QAM	1	0	13.19	13.33	13.35	14	0
10	64QAM	1	25	13.17	13.44	13.46		
10	64QAM	1	49	13.30	13.39	13.47		
10	64QAM	25	0	13.11	13.18	13.28	14	0
10	64QAM	25	12	13.08	13.23	13.30		
10	64QAM	25	25	13.11	13.29	13.32		
10	64QAM	50	0	13.11	13.20	13.29		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.21	13.50	13.22	14	0
5	QPSK	1	12	13.12	13.25	13.21		
5	QPSK	1	24	13.07	13.24	13.23		
5	QPSK	12	0	13.22	13.51	13.43	14	0
5	QPSK	12	7	13.26	13.37	13.37		
5	QPSK	12	13	13.22	13.46	13.37		
5	QPSK	25	0	13.22	13.34	13.26		
5	16QAM	1	0	13.07	13.20	13.12	14	0
5	16QAM	1	12	13.11	13.36	13.26		
5	16QAM	1	24	13.08	13.40	13.27		
5	16QAM	12	0	13.11	13.17	13.26	14	0
5	16QAM	12	7	13.23	13.25	13.30		
5	16QAM	12	13	13.19	13.33	13.29		
5	16QAM	25	0	13.20	13.20	13.20		
5	64QAM	1	0	13.19	13.28	13.36	14	0
5	64QAM	1	12	13.23	13.40	13.46		
5	64QAM	1	24	13.27	13.47	13.50		
5	64QAM	12	0	13.19	13.25	13.23	14	0
5	64QAM	12	7	13.17	13.25	13.30		
5	64QAM	12	13	13.09	13.30	13.36		
5	64QAM	25	0	13.15	13.26	13.21		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.18	17.49	17.37	18.5	0
20	QPSK	1	49	17.09	17.30	17.24		
20	QPSK	1	99	17.07	17.28	17.29		
20	QPSK	50	0	17.25	17.45	17.36	18.5	0
20	QPSK	50	24	17.23	17.34	17.31		
20	QPSK	50	50	17.22	17.37	17.27		
20	QPSK	100	0	17.22	17.34	17.31		
20	16QAM	1	0	17.14	17.23	17.32	18.5	0
20	16QAM	1	49	17.39	17.40	17.44		
20	16QAM	1	99	17.23	17.46	17.41		
20	16QAM	50	0	16.93	17.07	17.18	18.5	0
20	16QAM	50	24	17.06	17.11	17.22		
20	16QAM	50	50	17.05	17.19	17.29		
20	16QAM	100	0	17.04	17.11	17.21		
20	64QAM	1	0	17.13	17.19	17.26	18.5	0
20	64QAM	1	49	17.18	17.37	17.33		
20	64QAM	1	99	17.11	17.35	17.38		
20	64QAM	50	0	16.96	17.09	17.16	18.5	0
20	64QAM	50	24	17.07	17.14	17.22		
20	64QAM	50	50	17.05	17.23	17.29		
20	64QAM	100	0	17.05	17.22	17.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.03	17.38	17.28	18.5	0
15	QPSK	1	37	17.02	17.20	17.19		
15	QPSK	1	74	16.94	17.17	17.23		
15	QPSK	36	0	17.14	17.39	17.23	18.5	0
15	QPSK	36	20	17.17	17.28	17.15		
15	QPSK	36	39	17.13	17.28	17.16		
15	QPSK	75	0	17.15	17.20	17.15		
15	16QAM	1	0	17.01	17.18	17.26	18.5	0
15	16QAM	1	37	17.33	17.28	17.29		
15	16QAM	1	74	17.14	17.38	17.29		
15	16QAM	36	0	16.83	16.95	17.06	18.5	0
15	16QAM	36	20	16.90	17.01	17.12		
15	16QAM	36	39	16.96	17.10	17.14		
15	16QAM	75	0	16.97	16.98	17.11		
15	64QAM	1	0	17.03	17.08	17.13	18.5	0
15	64QAM	1	37	17.12	17.32	17.25		
15	64QAM	1	74	16.99	17.23	17.26		
15	64QAM	36	0	16.89	17.04	17.07	18.5	0
15	64QAM	36	20	16.97	17.04	17.08		
15	64QAM	36	39	16.94	17.08	17.17		
15	64QAM	75	0	16.98	17.17	17.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.10	17.34	17.25	18.5	0
10	QPSK	1	25	16.99	17.18	17.17		
10	QPSK	1	49	16.93	17.22	17.18		
10	QPSK	25	0	17.11	17.37	17.30	18.5	0
10	QPSK	25	12	17.07	17.24	17.20		
10	QPSK	25	25	17.14	17.23	17.13		
10	QPSK	50	0	17.12	17.18	17.16		
10	16QAM	1	0	17.08	17.13	17.27	18.5	0
10	16QAM	1	25	17.32	17.25	17.28		
10	16QAM	1	49	17.15	17.33	17.32		
10	16QAM	25	0	16.80	16.93	17.08	18.5	0
10	16QAM	25	12	17.00	16.98	17.07		
10	16QAM	25	25	17.00	17.13	17.17		
10	16QAM	50	0	16.97	17.05	17.06		
10	64QAM	1	0	16.98	17.06	17.11	18.5	0
10	64QAM	1	25	17.12	17.23	17.20		
10	64QAM	1	49	17.05	17.28	17.29		
10	64QAM	25	0	16.90	16.94	17.09	18.5	0
10	64QAM	25	12	16.99	17.04	17.15		
10	64QAM	25	25	16.97	17.07	17.24		
10	64QAM	50	0	16.99	17.07	17.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.13	17.41	17.24	18.5	0
5	QPSK	1	12	16.99	17.20	17.11		
5	QPSK	1	24	16.91	17.16	17.19		
5	QPSK	12	0	17.14	17.30	17.20	18.5	0
5	QPSK	12	7	17.17	17.24	17.23		
5	QPSK	12	13	17.15	17.26	17.19		
5	QPSK	25	0	17.13	17.27	17.20		
5	16QAM	1	0	17.05	17.11	17.24	18.5	0
5	16QAM	1	12	17.24	17.34	17.39		
5	16QAM	1	24	17.07	17.31	17.26		
5	16QAM	12	0	16.83	16.91	17.11	18.5	0
5	16QAM	12	7	16.95	16.99	17.09		
5	16QAM	12	13	16.89	17.10	17.23		
5	16QAM	25	0	16.90	16.97	17.13		
5	64QAM	1	0	17.08	17.04	17.16	18.5	0
5	64QAM	1	12	17.07	17.30	17.28		
5	64QAM	1	24	17.05	17.23	17.27		
5	64QAM	12	0	16.85	16.95	17.00	18.5	0
5	64QAM	12	7	16.98	17.07	17.07		
5	64QAM	12	13	16.91	17.08	17.21		
5	64QAM	25	0	16.89	17.09	17.10		

Band 12_Ant 11

BW [MHz]	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	22.82	22.86	22.84	24	0
10	QPSK	1	25	22.76	22.84	22.75		
10	QPSK	1	49	22.72	22.80	22.76		
10	QPSK	25	0	22.73	22.78	22.65	24	0
10	QPSK	25	12	22.71	22.69	22.61		
10	QPSK	25	25	22.68	22.75	22.62		
10	QPSK	50	0	22.81	22.83	22.73		
10	16QAM	1	0	22.85	22.34	22.51	24	0
10	16QAM	1	25	22.81	22.80	22.28		
10	16QAM	1	49	22.53	22.69	22.23		
10	16QAM	25	0	21.72	21.69	21.72	23	1
10	16QAM	25	12	21.73	21.67	21.63		
10	16QAM	25	25	21.67	21.67	21.70		
10	16QAM	50	0	21.68	21.60	21.82		
10	64QAM	1	0	21.62	21.71	21.70	23	1
10	64QAM	1	25	21.92	21.36	22.21		
10	64QAM	1	49	21.98	21.47	21.98		
10	64QAM	25	0	20.67	20.69	20.62	22	2
10	64QAM	25	12	20.94	20.78	20.64		
10	64QAM	25	25	20.85	20.93	20.70		
10	64QAM	50	0	20.75	20.74	20.83		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.76	22.77	22.75	24	0
5	QPSK	1	12	22.70	22.72	22.68		
5	QPSK	1	24	22.62	22.75	22.68		
5	QPSK	12	0	22.63	22.68	22.55	24	0
5	QPSK	12	7	22.55	22.55	22.49		
5	QPSK	12	13	22.57	22.67	22.49		
5	QPSK	25	0	22.68	22.71	22.67		
5	16QAM	1	0	22.70	22.22	22.38	24	0
5	16QAM	1	12	22.75	22.71	22.21		
5	16QAM	1	24	22.43	22.54	22.17		
5	16QAM	12	0	21.61	21.59	21.57	23	1
5	16QAM	12	7	21.60	21.55	21.48		
5	16QAM	12	13	21.55	21.52	21.58		
5	16QAM	25	0	21.53	21.54	21.73		
5	64QAM	1	0	21.56	21.57	21.63	23	1
5	64QAM	1	12	21.86	21.30	22.05		
5	64QAM	1	24	21.83	21.42	21.82		
5	64QAM	12	0	20.52	20.61	20.53	22	2
5	64QAM	12	7	20.79	20.70	20.56		
5	64QAM	12	13	20.77	20.84	20.58		
5	64QAM	25	0	20.61	20.66	20.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.75	22.71	22.72	24	0
3	QPSK	1	8	22.60	22.78	22.66		
3	QPSK	1	14	22.67	22.66	22.63		
3	QPSK	8	0	22.64	22.68	22.58	24	0
3	QPSK	8	4	22.55	22.57	22.50		
3	QPSK	8	7	22.56	22.62	22.57		
3	QPSK	15	0	22.70	22.67	22.66		
3	16QAM	1	0	22.72	22.18	22.44	24	0
3	16QAM	1	8	22.68	22.71	22.18		
3	16QAM	1	14	22.44	22.57	22.11		
3	16QAM	8	0	21.67	21.58	21.61	23	1
3	16QAM	8	4	21.61	21.54	21.48		
3	16QAM	8	7	21.58	21.58	21.65		
3	16QAM	15	0	21.61	21.48	21.66		
3	64QAM	1	0	21.57	21.56	21.64	23	1
3	64QAM	1	8	21.78	21.27	22.15		
3	64QAM	1	14	21.85	21.38	21.90		
3	64QAM	8	0	20.54	20.54	20.57	22	2
3	64QAM	8	4	20.86	20.63	20.50		
3	64QAM	8	7	20.76	20.81	20.54		
3	64QAM	15	0	20.64	20.68	20.69		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.78	22.71	24	0
1.4	QPSK	1	3	22.60	22.79	22.64		
1.4	QPSK	1	5	22.57	22.68	22.65		
1.4	QPSK	3	0	22.64	22.66	22.51		
1.4	QPSK	3	1	22.64	22.57	22.54		
1.4	QPSK	3	3	22.62	22.67	22.49		
1.4	QPSK	6	0	22.67	22.70	22.58	24	0
1.4	16QAM	1	0	22.76	22.26	22.46	24	0
1.4	16QAM	1	3	22.72	22.71	22.21		
1.4	16QAM	1	5	22.38	22.53	22.16		
1.4	16QAM	3	0	22.71	22.14	22.31		
1.4	16QAM	3	1	22.65	22.58	22.10		
1.4	16QAM	3	3	22.25	22.41	22.05		
1.4	16QAM	6	0	21.63	21.55	21.76	23	1
1.4	64QAM	1	0	21.47	21.60	21.64	23	1
1.4	64QAM	1	3	21.85	21.26	22.11		
1.4	64QAM	1	5	21.88	21.40	21.84		
1.4	64QAM	3	0	21.38	21.46	21.55		
1.4	64QAM	3	1	21.70	21.11	21.96		
1.4	64QAM	3	3	21.81	21.28	21.74		
1.4	64QAM	6	0	20.66	20.60	20.70	22	2

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		22.88		24	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.74			
10	QPSK	25	0		22.80		24	0
10	QPSK	25	12		22.71			
10	QPSK	25	25		22.73			
10	QPSK	50	0		22.86			
10	16QAM	1	0		22.84		24	0
10	16QAM	1	25		22.81			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.69		23	1
10	16QAM	25	12		21.82			
10	16QAM	25	25		21.88			
10	16QAM	50	0		21.77			
10	64QAM	1	0		21.88		23	1
10	64QAM	1	25		22.03			
10	64QAM	1	49		21.75			
10	64QAM	25	0		20.73		22	2
10	64QAM	25	12		20.83			
10	64QAM	25	25		20.76			
10	64QAM	50	0		20.72			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.80	22.77	22.77	24	0
5	QPSK	1	12	22.73	22.73	22.62		
5	QPSK	1	24	22.67	22.69	22.69		
5	QPSK	12	0	22.72	22.69	22.64	24	0
5	QPSK	12	7	22.65	22.57	22.60		
5	QPSK	12	13	22.68	22.60	22.62		
5	QPSK	25	0	22.76	22.73	22.71		
5	16QAM	1	0	22.69	22.73	22.74	24	0
5	16QAM	1	12	22.76	22.66	22.76		
5	16QAM	1	24	22.72	22.78	22.79		
5	16QAM	12	0	21.53	21.53	21.64	23	1
5	16QAM	12	7	21.74	21.68	21.74		
5	16QAM	12	13	21.77	21.72	21.72		
5	16QAM	25	0	21.71	21.61	21.67		
5	64QAM	1	0	21.81	21.76	21.80	23	1
5	64QAM	1	12	21.90	21.94	21.94		
5	64QAM	1	24	21.62	21.61	21.59		
5	64QAM	12	0	20.64	20.61	20.59	22	2
5	64QAM	12	7	20.71	20.69	20.70		
5	64QAM	12	13	20.63	20.60	20.65		
5	64QAM	25	0	20.67	20.67	20.66		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.44	22.77	22.59	24	0
10	QPSK	1	25	22.60	22.69	22.71		
10	QPSK	1	49	22.69	22.65	22.63		
10	QPSK	25	0	22.72	22.76	22.65	24	0
10	QPSK	25	12	22.73	22.72	22.71		
10	QPSK	25	25	22.72	22.75	22.72		
10	QPSK	50	0	22.73	22.75	22.72		
10	16QAM	1	0	22.76	22.16	22.46	24	0
10	16QAM	1	25	22.59	22.40	22.61		
10	16QAM	1	49	22.67	22.29	22.31		
10	16QAM	25	0	21.71	21.70	21.72	23	1
10	16QAM	25	12	21.70	21.75	21.76		
10	16QAM	25	25	21.75	21.70	21.74		
10	16QAM	50	0	21.65	21.61	21.54		
10	64QAM	1	0	22.25	21.29	21.74	23	1
10	64QAM	1	25	22.08	21.66	21.81		
10	64QAM	1	49	21.94	21.72	21.70		
10	64QAM	25	0	20.67	20.57	20.59	22	2
10	64QAM	25	12	20.84	20.60	20.83		
10	64QAM	25	25	20.63	20.72	20.73		
10	64QAM	50	0	20.80	20.68	20.56		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.28	22.70	22.53	24	0
5	QPSK	1	12	22.44	22.61	22.64		
5	QPSK	1	24	22.56	22.54	22.52		
5	QPSK	12	0	22.60	22.67	22.51	24	0
5	QPSK	12	7	22.62	22.61	22.64		
5	QPSK	12	13	22.62	22.60	22.64		
5	QPSK	25	0	22.67	22.65	22.61		
5	16QAM	1	0	22.70	22.05	22.34	24	0
5	16QAM	1	12	22.52	22.27	22.52		
5	16QAM	1	24	22.58	22.13	22.25		
5	16QAM	12	0	21.63	21.61	21.59	23	1
5	16QAM	12	7	21.55	21.66	21.70		
5	16QAM	12	13	21.60	21.63	21.59		
5	16QAM	25	0	21.59	21.51	21.43		
5	64QAM	1	0	22.10	21.20	21.68	23	1
5	64QAM	1	12	22.01	21.56	21.71		
5	64QAM	1	24	21.78	21.62	21.63		
5	64QAM	12	0	20.51	20.51	20.50	22	2
5	64QAM	12	7	20.75	20.53	20.70		
5	64QAM	12	13	20.54	20.67	20.61		
5	64QAM	25	0	20.75	20.52	20.45		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		20.36		21.5	0
15	QPSK	1	37		20.05			
15	QPSK	1	74		19.99			
15	QPSK	36	0		20.33		21.5	0
15	QPSK	36	20		20.29			
15	QPSK	36	39		20.12			
15	QPSK	75	0		20.04			
15	16QAM	1	0		20.06		21.5	0
15	16QAM	1	37		20.29			
15	16QAM	1	74		20.14			
15	16QAM	36	0		20.23		21.5	0
15	16QAM	36	20		20.27			
15	16QAM	36	39		20.12			
15	16QAM	75	0		20.13			
15	64QAM	1	0		19.64		21.5	0
15	64QAM	1	37		20.27			
15	64QAM	1	74		20.24			
15	64QAM	36	0		20.26		21.5	0
15	64QAM	36	20		20.35			
15	64QAM	36	39		20.17			
15	64QAM	75	0		20.13			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	20.26	20.25	20.28	21.5	0
10	QPSK	1	25	19.96	19.91	19.94		
10	QPSK	1	49	19.91	19.92	19.90		
10	QPSK	25	0	20.19	20.20	20.27	21.5	0
10	QPSK	25	12	20.21	20.17	20.24		
10	QPSK	25	25	20.03	20.02	20.06		
10	QPSK	50	0	19.97	19.93	19.89		
10	16QAM	1	0	19.97	19.92	19.97	21.5	0
10	16QAM	1	25	20.20	20.13	20.14		
10	16QAM	1	49	20.05	20.09	20.02		
10	16QAM	25	0	20.08	20.08	20.09	21.5	0
10	16QAM	25	12	20.16	20.21	20.22		
10	16QAM	25	25	20.06	20.04	19.99		
10	16QAM	50	0	20.04	20.05	19.98		
10	64QAM	1	0	19.55	19.51	19.51	21.5	0
10	64QAM	1	25	20.16	20.16	20.20		
10	64QAM	1	49	20.14	20.19	20.14		
10	64QAM	25	0	20.18	20.14	20.10	21.5	0
10	64QAM	25	12	20.29	20.26	20.22		
10	64QAM	25	25	20.12	20.02	20.08		
10	64QAM	50	0	20.08	20.00	20.01		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	20.30	20.31	20.27	21.5	0
5	QPSK	1	12	19.90	19.98	20.00		
5	QPSK	1	24	19.85	19.89	19.93		
5	QPSK	12	0	20.22	20.21	20.28	21.5	0
5	QPSK	12	7	20.23	20.18	20.15		
5	QPSK	12	13	19.99	20.02	19.96		
5	QPSK	25	0	19.91	19.94	19.96		
5	16QAM	1	0	19.99	19.90	19.98	21.5	0
5	16QAM	1	12	20.20	20.17	20.23		
5	16QAM	1	24	20.08	19.99	20.05		
5	16QAM	12	0	20.14	20.16	20.13	21.5	0
5	16QAM	12	7	20.11	20.12	20.16		
5	16QAM	12	13	19.99	20.05	19.97		
5	16QAM	25	0	19.97	19.99	20.08		
5	64QAM	1	0	19.59	19.53	19.54	21.5	0
5	64QAM	1	12	20.12	20.15	20.16		
5	64QAM	1	24	20.18	20.14	20.18		
5	64QAM	12	0	20.10	20.16	20.16	21.5	0
5	64QAM	12	7	20.26	20.29	20.20		
5	64QAM	12	13	20.08	20.04	20.05		
5	64QAM	25	0	20.06	20.07	20.07		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.86		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.56			
15	QPSK	36	0		22.71		24	1
15	QPSK	36	20		22.66			
15	QPSK	36	39		22.60			
15	QPSK	75	0		22.54			
15	16QAM	1	0		22.89		24	1
15	16QAM	1	37		22.69			
15	16QAM	1	74		22.91			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.76			
15	16QAM	36	39		21.76			
15	16QAM	75	0		21.55			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		21.93			
15	64QAM	1	74		21.99			
15	64QAM	36	0		20.77		22	3
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.68			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.75	23.62	23.69	25	0
10	QPSK	1	25	23.75	23.63	23.68		
10	QPSK	1	49	23.62	23.67	23.55		
10	QPSK	25	0	22.72	22.73	22.67	24	1
10	QPSK	25	12	22.86	22.67	22.82		
10	QPSK	25	25	22.65	22.75	22.73		
10	QPSK	50	0	22.79	22.71	22.82		
10	16QAM	1	0	23.12	23.01	23.13	24	1
10	16QAM	1	25	23.02	22.95	23.20		
10	16QAM	1	49	23.44	23.18	23.20		
10	16QAM	25	0	21.72	21.77	21.65	23	2
10	16QAM	25	12	21.81	21.75	21.80		
10	16QAM	25	25	21.71	21.75	21.81		
10	16QAM	50	0	21.70	21.84	21.74		
10	64QAM	1	0	21.89	21.52	22.16	23	2
10	64QAM	1	25	21.89	21.83	21.96		
10	64QAM	1	49	21.60	21.39	22.28		
10	64QAM	25	0	20.77	20.60	20.66	22	3
10	64QAM	25	12	20.80	20.77	20.83		
10	64QAM	25	25	20.76	20.83	20.74		
10	64QAM	50	0	20.75	20.70	20.84		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.61	23.68	23.70	25	0
5	QPSK	1	12	23.84	23.80	23.76		
5	QPSK	1	24	23.75	23.63	23.61		
5	QPSK	12	0	22.65	22.61	22.71	24	1
5	QPSK	12	7	22.75	22.78	22.74		
5	QPSK	12	13	22.74	22.70	22.71		
5	QPSK	25	0	22.67	22.66	22.62		
5	16QAM	1	0	22.89	23.36	23.13	24	1
5	16QAM	1	12	23.11	23.32	23.22		
5	16QAM	1	24	23.03	22.94	23.09		
5	16QAM	12	0	21.67	21.62	21.70	23	2
5	16QAM	12	7	21.84	21.78	21.80		
5	16QAM	12	13	21.72	21.82	21.74		
5	16QAM	25	0	21.72	21.70	21.66		
5	64QAM	1	0	22.16	21.98	22.18	23	2
5	64QAM	1	12	21.96	21.89	22.00		
5	64QAM	1	24	21.74	22.21	22.37		
5	64QAM	12	0	20.59	20.73	20.61	22	3
5	64QAM	12	7	20.72	20.87	20.89		
5	64QAM	12	13	20.73	20.80	20.72		
5	64QAM	25	0	20.65	20.77	20.70		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		20.63		21.5	0
15	QPSK	1	37		20.47			
15	QPSK	1	74		20.24			
15	QPSK	36	0		20.53		21.5	0
15	QPSK	36	20		20.41			
15	QPSK	36	39		20.35			
15	QPSK	75	0		20.37			
15	16QAM	1	0		20.59		21.5	0
15	16QAM	1	37		20.51			
15	16QAM	1	74		20.56			
15	16QAM	36	0		20.38		21.5	0
15	16QAM	36	20		20.52			
15	16QAM	36	39		20.52			
15	16QAM	75	0		20.33			
15	64QAM	1	0		20.18		21.5	0
15	64QAM	1	37		20.44			
15	64QAM	1	74		20.06			
15	64QAM	36	0		20.35		21.5	0
15	64QAM	36	20		20.48			
15	64QAM	36	39		20.39			
15	64QAM	75	0		20.46			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	20.21	20.19	20.26	21.5	0
10	QPSK	1	25	20.06	20.05	20.09		
10	QPSK	1	49	19.87	19.87	19.85		
10	QPSK	25	0	20.11	20.04	20.10	21.5	0
10	QPSK	25	12	20.05	20.05	19.95		
10	QPSK	25	25	19.94	19.98	19.98		
10	QPSK	50	0	20.01	19.99	20.00		
10	16QAM	1	0	20.22	20.21	20.16	21.5	0
10	16QAM	1	25	20.11	20.10	20.13		
10	16QAM	1	49	20.11	20.20	20.11		
10	16QAM	25	0	20.01	19.99	20.02	21.5	0
10	16QAM	25	12	20.12	20.12	20.12		
10	16QAM	25	25	20.12	20.17	20.09		
10	16QAM	50	0	19.97	19.90	19.92		
10	64QAM	1	0	19.83	19.79	19.76	21.5	0
10	64QAM	1	25	19.98	20.06	20.06		
10	64QAM	1	49	19.70	19.65	19.60		
10	64QAM	25	0	19.93	19.95	19.91	21.5	0
10	64QAM	25	12	20.11	20.06	20.08		
10	64QAM	25	25	19.99	19.99	19.95		
10	64QAM	50	0	20.08	20.09	20.03		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	20.18	20.19	20.23	21.5	0
5	QPSK	1	12	20.12	20.09	20.07		
5	QPSK	1	24	19.78	19.81	19.84		
5	QPSK	12	0	20.12	20.03	20.09	21.5	0
5	QPSK	12	7	19.95	20.05	20.05		
5	QPSK	12	13	19.96	19.99	19.89		
5	QPSK	25	0	19.93	19.91	19.98		
5	16QAM	1	0	20.15	20.17	20.23	21.5	0
5	16QAM	1	12	20.07	20.07	20.10		
5	16QAM	1	24	20.13	20.13	20.14		
5	16QAM	12	0	19.92	19.96	19.96	21.5	0
5	16QAM	12	7	20.13	20.09	20.09		
5	16QAM	12	13	20.09	20.15	20.08		
5	16QAM	25	0	19.89	19.96	19.90		
5	64QAM	1	0	19.79	19.76	19.81	21.5	0
5	64QAM	1	12	20.03	20.06	20.02		
5	64QAM	1	24	19.65	19.69	19.63		
5	64QAM	12	0	19.90	19.95	19.96	21.5	0
5	64QAM	12	7	20.02	20.13	20.13		
5	64QAM	12	13	20.01	20.01	19.98		
5	64QAM	25	0	20.06	20.01	20.10		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.70		25	0
15	QPSK	1	37		23.50			
15	QPSK	1	74		23.34			
15	QPSK	36	0		22.64		24	1
15	QPSK	36	20		22.51			
15	QPSK	36	39		22.63			
15	QPSK	75	0		22.52			
15	16QAM	1	0		23.00		24	1
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.81			
15	16QAM	36	0		21.56		23	2
15	16QAM	36	20		21.67			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.87		23	2
15	64QAM	1	37		21.46			
15	64QAM	1	74		21.18			
15	64QAM	36	0		20.51		22	3
15	64QAM	36	20		20.62			
15	64QAM	36	39		20.61			
15	64QAM	75	0		20.43			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.62	23.65	23.53	25	0
10	QPSK	1	25	23.54	23.63	23.62		
10	QPSK	1	49	23.60	23.57	23.53		
10	QPSK	25	0	22.76	22.68	22.71	24	1
10	QPSK	25	12	22.78	22.66	22.74		
10	QPSK	25	25	22.85	22.79	22.79		
10	QPSK	50	0	22.76	22.71	22.70		
10	16QAM	1	0	23.27	23.44	23.15	24	1
10	16QAM	1	25	23.18	23.29	22.80		
10	16QAM	1	49	23.01	23.03	23.01		
10	16QAM	25	0	21.73	21.80	21.70	23	2
10	16QAM	25	12	21.82	21.83	21.68		
10	16QAM	25	25	21.88	21.72	21.77		
10	16QAM	50	0	21.76	21.70	21.62		
10	64QAM	1	0	22.25	22.07	21.16	23	2
10	64QAM	1	25	22.10	22.22	21.71		
10	64QAM	1	49	21.62	21.95	21.48		
10	64QAM	25	0	20.65	20.69	20.64	22	3
10	64QAM	25	12	20.78	20.75	20.68		
10	64QAM	25	25	20.86	20.78	20.79		
10	64QAM	50	0	20.78	20.67	20.71		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.60	23.55	23.64	25	0
5	QPSK	1	12	23.67	23.69	23.61		
5	QPSK	1	24	23.61	23.65	23.62		
5	QPSK	12	0	22.63	22.70	22.66	24	1
5	QPSK	12	7	22.79	22.83	22.78		
5	QPSK	12	13	22.63	22.72	22.71		
5	QPSK	25	0	22.68	22.75	22.72		
5	16QAM	1	0	22.88	22.44	22.96	24	1
5	16QAM	1	12	22.55	23.22	22.88		
5	16QAM	1	24	22.62	22.98	22.56		
5	16QAM	12	0	21.74	21.73	21.68	23	2
5	16QAM	12	7	21.78	21.91	21.93		
5	16QAM	12	13	21.67	21.87	21.82		
5	16QAM	25	0	21.71	21.67	21.73		
5	64QAM	1	0	21.80	21.69	21.86	23	2
5	64QAM	1	12	22.25	22.13	22.08		
5	64QAM	1	24	21.77	21.62	22.11		
5	64QAM	12	0	20.68	20.68	20.59	22	3
5	64QAM	12	7	20.75	20.68	20.88		
5	64QAM	12	13	20.69	20.63	20.77		
5	64QAM	25	0	20.71	20.67	20.67		

Band 26_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.47	19.52	19.44	20.5	0
15	QPSK	1	37	19.25	19.27	19.35		
15	QPSK	1	74	19.28	19.27	19.29		
15	QPSK	36	0	19.36	19.49	19.33	20.5	0
15	QPSK	36	20	19.35	19.40	19.25		
15	QPSK	36	39	19.28	19.43	19.31		
15	QPSK	75	0	19.35	19.47	19.42		
15	16QAM	1	0	18.80	19.38	19.45	20.5	0
15	16QAM	1	37	19.08	19.12	19.34		
15	16QAM	1	74	18.79	18.72	19.11		
15	16QAM	36	0	18.83	18.96	18.74	20.5	0
15	16QAM	36	20	19.02	18.75	18.77		
15	16QAM	36	39	18.88	18.85	18.94		
15	16QAM	75	0	18.95	18.78	18.73		
15	64QAM	1	0	18.96	19.21	19.41	20.5	0
15	64QAM	1	37	19.35	18.73	19.06		
15	64QAM	1	74	19.21	18.92	18.52		
15	64QAM	36	0	18.86	18.91	18.81	20.5	0
15	64QAM	36	20	18.92	18.85	18.80		
15	64QAM	36	39	18.94	18.84	18.86		
15	64QAM	75	0	18.91	18.79	18.83		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.40	19.47	19.38	20.5	0
10	QPSK	1	25	19.17	19.14	19.22		
10	QPSK	1	49	19.21	19.22	19.21		
10	QPSK	25	0	19.28	19.37	19.19	20.5	0
10	QPSK	25	12	19.30	19.35	19.15		
10	QPSK	25	25	19.12	19.36	19.21		
10	QPSK	50	0	19.28	19.42	19.36		
10	16QAM	1	0	18.70	19.33	19.29	20.5	0
10	16QAM	1	25	19.03	18.97	19.27		
10	16QAM	1	49	18.69	18.62	18.99		
10	16QAM	25	0	18.71	18.89	18.62	20.5	0
10	16QAM	25	12	18.92	18.62	18.64		
10	16QAM	25	25	18.77	18.75	18.85		
10	16QAM	50	0	18.81	18.68	18.59		
10	64QAM	1	0	18.86	19.13	19.35	20.5	0
10	64QAM	1	25	19.28	18.62	19.00		
10	64QAM	1	49	19.09	18.84	18.59		
10	64QAM	25	0	18.72	18.85	18.69	20.5	0
10	64QAM	25	12	18.86	18.73	18.73		
10	64QAM	25	25	18.89	18.75	18.74		
10	64QAM	50	0	18.84	18.72	18.67		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.31	19.40	19.36	20.5	0
5	QPSK	1	12	19.09	19.20	19.28		
5	QPSK	1	24	19.14	19.22	19.20		
5	QPSK	12	0	19.29	19.37	19.17	20.5	0
5	QPSK	12	7	19.30	19.28	19.19		
5	QPSK	12	13	19.18	19.33	19.15		
5	QPSK	25	0	19.23	19.40	19.32		
5	16QAM	1	0	18.72	19.24	19.31	20.5	0
5	16QAM	1	12	19.03	19.03	19.19		
5	16QAM	1	24	18.67	18.57	18.95		
5	16QAM	12	0	18.73	18.84	18.66	20.5	0
5	16QAM	12	7	18.89	18.69	18.70		
5	16QAM	12	13	18.81	18.70	18.82		
5	16QAM	25	0	18.80	18.68	18.67		
5	64QAM	1	0	18.87	19.10	19.32	20.5	0
5	64QAM	1	12	19.21	18.66	18.96		
5	64QAM	1	24	19.14	18.76	18.58		
5	64QAM	12	0	18.71	18.78	18.70	20.5	0
5	64QAM	12	7	18.80	18.69	18.71		
5	64QAM	12	13	18.82	18.76	18.80		
5	64QAM	25	0	18.75	18.72	18.72		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.40	19.40	19.36	20.5	0
3	QPSK	1	8	19.12	19.19	19.25		
3	QPSK	1	14	19.22	19.22	19.24		
3	QPSK	8	0	19.26	19.33	19.28	20.5	0
3	QPSK	8	4	19.20	19.25	19.11		
3	QPSK	8	7	19.16	19.30	19.21		
3	QPSK	15	0	19.21	19.39	19.33		
3	16QAM	1	0	18.64	19.25	19.40	20.5	0
3	16QAM	1	8	18.94	19.05	19.26		
3	16QAM	1	14	18.67	18.64	19.02		
3	16QAM	8	0	18.67	18.83	18.58	20.5	0
3	16QAM	8	4	18.86	18.67	18.64		
3	16QAM	8	7	18.80	18.75	18.81		
3	16QAM	15	0	18.81	18.63	18.64		
3	64QAM	1	0	18.90	19.07	19.27	20.5	0
3	64QAM	1	8	19.29	18.61	18.91		
3	64QAM	1	14	19.13	18.81	18.60		
3	64QAM	8	0	18.70	18.75	18.65	20.5	0
3	64QAM	8	4	18.83	18.75	18.70		
3	64QAM	8	7	18.85	18.78	18.70		
3	64QAM	15	0	18.86	18.66	18.78		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.37	19.37	19.38	20.5	0
1.4	QPSK	1	3	19.19	19.17	19.30		
1.4	QPSK	1	5	19.15	19.17	19.19		
1.4	QPSK	3	0	19.29	19.38	19.27		
1.4	QPSK	3	1	19.27	19.29	19.10		
1.4	QPSK	3	3	19.20	19.32	19.20		
1.4	QPSK	6	0	19.26	19.41	19.28	20.5	0
1.4	16QAM	1	0	18.75	19.33	19.31	20.5	0
1.4	16QAM	1	3	18.97	19.00	19.18		
1.4	16QAM	1	5	18.67	18.57	19.03		
1.4	16QAM	3	0	18.77	18.89	18.58		
1.4	16QAM	3	1	18.92	18.65	18.72		
1.4	16QAM	3	3	18.78	18.70	18.82		
1.4	16QAM	6	0	18.87	18.70	18.66	20.5	0
1.4	64QAM	1	0	18.91	19.15	19.28	20.5	0
1.4	64QAM	1	3	19.25	18.60	18.91		
1.4	64QAM	1	5	19.08	18.80	18.57		
1.4	64QAM	3	0	18.79	18.75	18.74		
1.4	64QAM	3	1	18.82	18.71	18.65		
1.4	64QAM	3	3	18.83	18.77	18.76		
1.4	64QAM	6	0	18.82	18.72	18.73	20.5	0

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.54	13.69	13.38	14.5	0
20	QPSK	1	49	13.53	13.50	13.29		
20	QPSK	1	99	13.46	13.25	13.24		
20	QPSK	50	0	13.53	13.65	13.36	14.5	0
20	QPSK	50	24	13.49	13.47	13.35		
20	QPSK	50	50	13.44	13.44	13.31		
20	QPSK	100	0	13.57	13.58	13.24		
20	16QAM	1	0	13.66	13.61	13.33	14.5	0
20	16QAM	1	49	13.57	13.54	13.47		
20	16QAM	1	99	13.54	13.25	13.22		
20	16QAM	50	0	13.27	13.26	13.02	14.5	0
20	16QAM	50	24	13.31	13.21	13.10		
20	16QAM	50	50	13.30	13.17	13.04		
20	16QAM	100	0	13.31	13.19	13.01		
20	64QAM	1	0	13.41	13.44	13.18	14.5	0
20	64QAM	1	49	13.40	13.33	13.18		
20	64QAM	1	99	13.67	13.36	13.42		
20	64QAM	50	0	13.59	13.47	13.22	14.5	0
20	64QAM	50	24	13.60	13.40	13.26		
20	64QAM	50	50	13.54	13.35	13.24		
20	64QAM	100	0	13.56	13.38	13.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.40	13.64	13.27	14.5	0
15	QPSK	1	37	13.47	13.45	13.15		
15	QPSK	1	74	13.35	13.11	13.09		
15	QPSK	36	0	13.45	13.59	13.22	14.5	0
15	QPSK	36	20	13.42	13.37	13.23		
15	QPSK	36	39	13.30	13.30	13.20		
15	QPSK	75	0	13.41	13.51	13.10		
15	16QAM	1	0	13.57	13.53	13.22	14.5	0
15	16QAM	1	37	13.49	13.40	13.31		
15	16QAM	1	74	13.39	13.15	13.12		
15	16QAM	36	0	13.11	13.16	12.86	14.5	0
15	16QAM	36	20	13.25	13.14	13.04		
15	16QAM	36	39	13.21	13.03	12.98		
15	16QAM	75	0	13.18	13.08	12.95		
15	64QAM	1	0	13.35	13.32	13.05	14.5	0
15	64QAM	1	37	13.26	13.18	13.13		
15	64QAM	1	74	13.54	13.27	13.30		
15	64QAM	36	0	13.50	13.41	13.13	14.5	0
15	64QAM	36	20	13.45	13.31	13.11		
15	64QAM	36	39	13.39	13.24	13.13		
15	64QAM	75	0	13.45	13.28	13.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.45	13.64	13.30	14.5	0
10	QPSK	1	25	13.44	13.45	13.14		
10	QPSK	1	49	13.34	13.16	13.18		
10	QPSK	25	0	13.41	13.55	13.27	14.5	0
10	QPSK	25	12	13.34	13.31	13.28		
10	QPSK	25	25	13.34	13.33	13.22		
10	QPSK	50	0	13.47	13.43	13.12		
10	16QAM	1	0	13.50	13.47	13.23	14.5	0
10	16QAM	1	25	13.43	13.47	13.32		
10	16QAM	1	49	13.38	13.14	13.12		
10	16QAM	25	0	13.13	13.12	12.93	14.5	0
10	16QAM	25	12	13.26	13.08	13.02		
10	16QAM	25	25	13.16	13.08	12.97		
10	16QAM	50	0	13.18	13.05	12.90		
10	64QAM	1	0	13.30	13.29	13.09	14.5	0
10	64QAM	1	25	13.25	13.18	13.10		
10	64QAM	1	49	13.59	13.31	13.31		
10	64QAM	25	0	13.43	13.35	13.14	14.5	0
10	64QAM	25	12	13.45	13.35	13.13		
10	64QAM	25	25	13.45	13.22	13.09		
10	64QAM	50	0	13.47	13.32	13.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.42	13.58	13.33	14.5	0
5	QPSK	1	12	13.38	13.44	13.24		
5	QPSK	1	24	13.31	13.10	13.14		
5	QPSK	12	0	13.44	13.53	13.28	14.5	0
5	QPSK	12	7	13.33	13.37	13.24		
5	QPSK	12	13	13.29	13.37	13.21		
5	QPSK	25	0	13.49	13.42	13.15		
5	16QAM	1	0	13.56	13.54	13.18	14.5	0
5	16QAM	1	12	13.43	13.46	13.42		
5	16QAM	1	24	13.44	13.12	13.11		
5	16QAM	12	0	13.15	13.13	12.94	14.5	0
5	16QAM	12	7	13.17	13.12	12.94		
5	16QAM	12	13	13.20	13.09	12.92		
5	16QAM	25	0	13.24	13.11	12.86		
5	64QAM	1	0	13.32	13.33	13.13	14.5	0
5	64QAM	1	12	13.24	13.24	13.06		
5	64QAM	1	24	13.59	13.20	13.35		
5	64QAM	12	0	13.54	13.34	13.06	14.5	0
5	64QAM	12	7	13.55	13.30	13.11		
5	64QAM	12	13	13.38	13.26	13.11		
5	64QAM	25	0	13.40	13.27	13.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.49	13.62	13.30	14.5	0
3	QPSK	1	8	13.38	13.38	13.17		
3	QPSK	1	14	13.37	13.15	13.19		
3	QPSK	8	0	13.39	13.60	13.23	14.5	0
3	QPSK	8	4	13.36	13.33	13.28		
3	QPSK	8	7	13.29	13.39	13.22		
3	QPSK	15	0	13.42	13.52	13.08		
3	16QAM	1	0	13.59	13.53	13.26	14.5	0
3	16QAM	1	8	13.46	13.40	13.35		
3	16QAM	1	14	13.39	13.16	13.12		
3	16QAM	8	0	13.16	13.16	12.86	14.5	0
3	16QAM	8	4	13.22	13.09	12.95		
3	16QAM	8	7	13.18	13.01	12.96		
3	16QAM	15	0	13.22	13.03	12.86		
3	64QAM	1	0	13.26	13.35	13.06	14.5	0
3	64QAM	1	8	13.26	13.23	13.07		
3	64QAM	1	14	13.62	13.23	13.31		
3	64QAM	8	0	13.53	13.34	13.11	14.5	0
3	64QAM	8	4	13.47	13.26	13.11		
3	64QAM	8	7	13.40	13.21	13.17		
3	64QAM	15	0	13.43	13.27	13.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.49	13.59	13.24	14.5	0
1.4	QPSK	1	3	13.40	13.39	13.14		
1.4	QPSK	1	5	13.34	13.13	13.13		
1.4	QPSK	3	0	13.37	13.56	13.20		
1.4	QPSK	3	1	13.41	13.34	13.27		
1.4	QPSK	3	3	13.30	13.38	13.16		
1.4	QPSK	6	0	13.45	13.52	13.17	14.5	0
1.4	16QAM	1	0	13.53	13.50	13.25	14.5	0
1.4	16QAM	1	3	13.42	13.42	13.33		
1.4	16QAM	1	5	13.49	13.14	13.14		
1.4	16QAM	3	0	13.22	13.21	12.88		
1.4	16QAM	3	1	13.19	13.05	12.97		
1.4	16QAM	3	3	13.22	13.08	12.99		
1.4	16QAM	6	0	13.23	13.08	12.87	14.5	0
1.4	64QAM	1	0	13.28	13.35	13.09	14.5	0
1.4	64QAM	1	3	13.29	13.24	13.03		
1.4	64QAM	1	5	13.53	13.22	13.34		
1.4	64QAM	3	0	13.54	13.38	13.15		
1.4	64QAM	3	1	13.45	13.33	13.17		
1.4	64QAM	3	3	13.46	13.26	13.11		
1.4	64QAM	6	0	13.46	13.26	13.11	14.5	0

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.64	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.67	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.82		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	25	0
1.4	16QAM	1	0	22.72	22.65	22.88	25	0
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	25	0
1.4	64QAM	1	0	21.75	21.63	21.62	25	0
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	25	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.38	16.59	16.04	17.5	0
20	QPSK	1	49	16.30	16.20	15.99		
20	QPSK	1	99	16.20	15.96	15.89		
20	QPSK	50	0	16.35	16.42	16.04	17.5	0
20	QPSK	50	24	16.27	16.18	16.02		
20	QPSK	50	50	16.31	16.14	15.98		
20	QPSK	100	0	16.33	16.34	16.01		
20	16QAM	1	0	16.41	16.35	16.11	17.5	0
20	16QAM	1	49	16.48	16.26	16.04		
20	16QAM	1	99	16.55	16.26	16.21		
20	16QAM	50	0	16.36	16.27	16.00	17.5	0
20	16QAM	50	24	16.37	16.21	16.04		
20	16QAM	50	50	16.32	16.18	15.99		
20	16QAM	100	0	16.34	16.17	16.03		
20	64QAM	1	0	16.52	16.45	16.22	17.5	0
20	64QAM	1	49	16.49	16.47	16.16		
20	64QAM	1	99	16.46	16.25	16.11		
20	64QAM	50	0	16.36	16.28	16.02	17.5	0
20	64QAM	50	24	16.38	16.19	16.04		
20	64QAM	50	50	16.35	16.17	15.98		
20	64QAM	100	0	16.36	16.17	16.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.26	16.46	15.90	17.5	0
15	QPSK	1	37	16.17	16.05	15.92		
15	QPSK	1	74	16.06	15.90	15.83		
15	QPSK	36	0	16.21	16.26	15.94	17.5	0
15	QPSK	36	20	16.16	16.05	15.87		
15	QPSK	36	39	16.17	16.08	15.89		
15	QPSK	75	0	16.17	16.26	15.91		
15	16QAM	1	0	16.25	16.28	16.00	17.5	0
15	16QAM	1	37	16.38	16.17	15.99		
15	16QAM	1	74	16.41	16.21	16.07		
15	16QAM	36	0	16.25	16.11	15.84	17.5	0
15	16QAM	36	20	16.32	16.13	15.96		
15	16QAM	36	39	16.16	16.12	15.94		
15	16QAM	75	0	16.28	16.06	15.91		
15	64QAM	1	0	16.47	16.38	16.12	17.5	0
15	64QAM	1	37	16.43	16.36	16.03		
15	64QAM	1	74	16.31	16.19	15.96		
15	64QAM	36	0	16.31	16.16	15.88	17.5	0
15	64QAM	36	20	16.26	16.06	15.91		
15	64QAM	36	39	16.27	16.09	15.85		
15	64QAM	75	0	16.26	16.09	15.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.23	16.46	15.96	17.5	0
10	QPSK	1	25	16.16	16.06	15.86		
10	QPSK	1	49	16.14	15.90	15.80		
10	QPSK	25	0	16.30	16.36	15.98	17.5	0
10	QPSK	25	12	16.17	16.06	15.89		
10	QPSK	25	25	16.15	16.05	15.87		
10	QPSK	50	0	16.17	16.23	15.86		
10	16QAM	1	0	16.34	16.20	16.03	17.5	0
10	16QAM	1	25	16.40	16.15	15.93		
10	16QAM	1	49	16.42	16.19	16.11		
10	16QAM	25	0	16.24	16.12	15.92	17.5	0
10	16QAM	25	12	16.32	16.10	15.89		
10	16QAM	25	25	16.21	16.06	15.90		
10	16QAM	50	0	16.24	16.04	15.92		
10	64QAM	1	0	16.40	16.34	16.11	17.5	0
10	64QAM	1	25	16.44	16.33	16.11		
10	64QAM	1	49	16.32	16.13	15.98		
10	64QAM	25	0	16.30	16.13	15.90	17.5	0
10	64QAM	25	12	16.32	16.11	15.99		
10	64QAM	25	25	16.24	16.10	15.86		
10	64QAM	50	0	16.26	16.07	15.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.28	16.54	15.89	17.5	0
5	QPSK	1	12	16.22	16.13	15.93		
5	QPSK	1	24	16.11	15.85	15.74		
5	QPSK	12	0	16.29	16.35	15.94	17.5	0
5	QPSK	12	7	16.11	16.04	15.91		
5	QPSK	12	13	16.22	15.98	15.86		
5	QPSK	25	0	16.25	16.29	15.96		
5	16QAM	1	0	16.36	16.24	16.03	17.5	0
5	16QAM	1	12	16.38	16.19	15.96		
5	16QAM	1	24	16.39	16.20	16.15		
5	16QAM	12	0	16.26	16.12	15.94	17.5	0
5	16QAM	12	7	16.30	16.07	15.98		
5	16QAM	12	13	16.20	16.03	15.83		
5	16QAM	25	0	16.19	16.04	15.92		
5	64QAM	1	0	16.40	16.31	16.06	17.5	0
5	64QAM	1	12	16.33	16.40	16.00		
5	64QAM	1	24	16.40	16.13	16.01		
5	64QAM	12	0	16.21	16.23	15.96	17.5	0
5	64QAM	12	7	16.32	16.04	15.99		
5	64QAM	12	13	16.25	16.05	15.93		
5	64QAM	25	0	16.24	16.08	15.99		
Channel				131987	132322	132857	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.26	16.49	15.96	17.5	0
3	QPSK	1	8	16.23	16.08	15.94		
3	QPSK	1	14	16.12	15.85	15.80		
3	QPSK	8	0	16.23	16.26	15.90	17.5	0
3	QPSK	8	4	16.22	16.11	15.91		
3	QPSK	8	7	16.16	16.03	15.80		
3	QPSK	15	0	16.22	16.21	15.88		
3	16QAM	1	0	16.30	16.21	16.03	17.5	0
3	16QAM	1	8	16.35	16.18	15.93		
3	16QAM	1	14	16.48	16.21	16.05		
3	16QAM	8	0	16.20	16.17	15.84	17.5	0
3	16QAM	8	4	16.23	16.11	15.90		
3	16QAM	8	7	16.16	16.04	15.83		
3	16QAM	15	0	16.27	16.12	15.96		
3	64QAM	1	0	16.37	16.31	16.12	17.5	0
3	64QAM	1	8	16.37	16.34	16.11		
3	64QAM	1	14	16.34	16.10	15.99		
3	64QAM	8	0	16.24	16.12	15.87	17.5	0
3	64QAM	8	4	16.24	16.10	15.96		
3	64QAM	8	7	16.20	16.01	15.91		
3	64QAM	15	0	16.24	16.04	15.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.29	16.48	15.92	17.5	0
1.4	QPSK	1	3	16.22	16.06	15.93		
1.4	QPSK	1	5	16.13	15.86	15.75		
1.4	QPSK	3	0	16.30	16.37	15.94		
1.4	QPSK	3	1	16.17	16.10	15.97		
1.4	QPSK	3	3	16.17	16.04	15.88		
1.4	QPSK	6	0	16.23	16.24	15.85	17.5	0
1.4	16QAM	1	0	16.27	16.28	16.04	17.5	0
1.4	16QAM	1	3	16.34	16.18	15.98		
1.4	16QAM	1	5	16.49	16.18	16.15		
1.4	16QAM	3	0	16.31	16.12	15.85		
1.4	16QAM	3	1	16.26	16.10	15.91		
1.4	16QAM	3	3	16.24	16.09	15.93		
1.4	16QAM	6	0	16.19	16.09	15.98	17.5	0
1.4	64QAM	1	0	16.41	16.34	16.09	17.5	0
1.4	64QAM	1	3	16.34	16.34	16.11		
1.4	64QAM	1	5	16.36	16.11	15.95		
1.4	64QAM	3	0	16.26	16.21	15.88		
1.4	64QAM	3	1	16.31	16.09	15.88		
1.4	64QAM	3	3	16.23	16.03	15.86		
1.4	64QAM	6	0	16.31	16.08	15.89	17.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.88	15.13	14.90	15.7	0
20	QPSK	1	49	14.87	14.90	14.85		
20	QPSK	1	99	14.85	15.10	14.73		
20	QPSK	50	0	14.84	14.92	14.90	15.7	0
20	QPSK	50	24	14.69	14.84	14.82		
20	QPSK	50	50	14.80	14.79	14.71		
20	QPSK	100	0	14.99	15.04	15.01		
20	16QAM	1	0	14.95	14.91	15.00	15.7	0
20	16QAM	1	49	14.93	14.84	14.96		
20	16QAM	1	99	15.07	15.07	14.66		
20	16QAM	50	0	15.05	14.92	14.81	15.7	0
20	16QAM	50	24	14.96	15.02	15.03		
20	16QAM	50	50	14.86	14.85	14.85		
20	16QAM	100	0	14.91	14.82	14.87		
20	64QAM	1	0	14.99	14.99	14.88	15.7	0
20	64QAM	1	49	14.81	14.69	14.68		
20	64QAM	1	99	14.90	14.72	14.75		
20	64QAM	50	0	15.08	15.08	14.65	15.7	0
20	64QAM	50	24	15.09	15.07	14.95		
20	64QAM	50	50	14.95	14.70	14.79		
20	64QAM	100	0	14.89	14.79	14.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.75	15.02	14.81	15.7	0
15	QPSK	1	37	14.80	14.81	14.77		
15	QPSK	1	74	14.77	15.04	14.68		
15	QPSK	36	0	14.70	14.82	14.85	15.7	0
15	QPSK	36	20	14.62	14.69	14.71		
15	QPSK	36	39	14.75	14.63	14.56		
15	QPSK	75	0	14.93	14.92	14.85		
15	16QAM	1	0	14.80	14.84	14.88	15.7	0
15	16QAM	1	37	14.83	14.68	14.84		
15	16QAM	1	74	14.91	14.91	14.54		
15	16QAM	36	0	14.96	14.85	14.68	15.7	0
15	16QAM	36	20	14.88	14.91	14.90		
15	16QAM	36	39	14.73	14.73	14.77		
15	16QAM	75	0	14.83	14.72	14.72		
15	64QAM	1	0	14.93	14.84	14.79	15.7	0
15	64QAM	1	37	14.65	14.64	14.62		
15	64QAM	1	74	14.75	14.67	14.67		
15	64QAM	36	0	14.95	15.03	14.50	15.7	0
15	64QAM	36	20	15.02	14.92	14.79		
15	64QAM	36	39	14.81	14.56	14.65		
15	64QAM	75	0	14.73	14.64	14.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.74	15.04	14.79	15.7	0
10	QPSK	1	25	14.72	14.79	14.70		
10	QPSK	1	49	14.72	14.94	14.68		
10	QPSK	25	0	14.74	14.80	14.81	15.7	0
10	QPSK	25	12	14.59	14.69	14.75		
10	QPSK	25	25	14.68	14.71	14.65		
10	QPSK	50	0	14.87	14.88	14.90		
10	16QAM	1	0	14.80	14.76	14.92	15.7	0
10	16QAM	1	25	14.77	14.72	14.90		
10	16QAM	1	49	14.99	14.99	14.55		
10	16QAM	25	0	14.98	14.83	14.73	15.7	0
10	16QAM	25	12	14.86	14.90	14.97		
10	16QAM	25	25	14.74	14.80	14.71		
10	16QAM	50	0	14.76	14.70	14.82		
10	64QAM	1	0	14.84	14.84	14.78	15.7	0
10	64QAM	1	25	14.75	14.58	14.57		
10	64QAM	1	49	14.79	14.58	14.62		
10	64QAM	25	0	14.93	15.03	14.59	15.7	0
10	64QAM	25	12	14.96	14.95	14.86		
10	64QAM	25	25	14.88	14.57	14.67		
10	64QAM	50	0	14.82	14.73	14.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.77	15.01	14.82	15.7	0
5	QPSK	1	12	14.71	14.84	14.79		
5	QPSK	1	24	14.74	15.03	14.66		
5	QPSK	12	0	14.70	14.83	14.82	15.7	0
5	QPSK	12	7	14.58	14.76	14.75		
5	QPSK	12	13	14.69	14.67	14.62		
5	QPSK	25	0	14.83	14.96	14.88		
5	16QAM	1	0	14.80	14.77	14.92	15.7	0
5	16QAM	1	12	14.87	14.76	14.84		
5	16QAM	1	24	14.99	14.92	14.56		
5	16QAM	12	0	14.89	14.80	14.70	15.7	0
5	16QAM	12	7	14.81	14.88	14.95		
5	16QAM	12	13	14.72	14.78	14.72		
5	16QAM	25	0	14.76	14.77	14.73		
5	64QAM	1	0	14.90	14.93	14.78	15.7	0
5	64QAM	1	12	14.69	14.54	14.52		
5	64QAM	1	24	14.74	14.57	14.68		
5	64QAM	12	0	14.99	14.96	14.50	15.7	0
5	64QAM	12	7	14.99	14.94	14.86		
5	64QAM	12	13	14.90	14.59	14.73		
5	64QAM	25	0	14.81	14.69	14.76		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.90	20.03	20.01	21	0
20	QPSK	1	49	19.88	19.77	19.94		
20	QPSK	1	99	19.89	19.82	19.90		
20	QPSK	50	0	19.70	19.85	19.70	21	0
20	QPSK	50	24	19.79	19.67	19.73		
20	QPSK	50	50	19.84	19.75	19.82		
20	QPSK	100	0	19.72	19.77	19.75		
20	16QAM	1	0	19.89	19.75	19.73	21	0
20	16QAM	1	49	19.86	19.66	19.87		
20	16QAM	1	99	19.66	19.82	19.66		
20	16QAM	50	0	19.48	19.41	19.55	21	0
20	16QAM	50	24	19.54	19.53	19.55		
20	16QAM	50	50	19.60	19.71	19.53		
20	16QAM	100	0	19.57	19.46	19.58		
20	64QAM	1	0	19.88	19.37	19.78	21	0
20	64QAM	1	49	19.73	19.57	19.76		
20	64QAM	1	99	19.66	19.88	19.87		
20	64QAM	50	0	19.54	19.45	19.57	21	0
20	64QAM	50	24	19.63	19.46	19.62		
20	64QAM	50	50	19.57	19.55	19.64		
20	64QAM	100	0	19.58	19.51	19.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.80	19.87	19.91	21	0
15	QPSK	1	37	19.77	19.64	19.82		
15	QPSK	1	74	19.84	19.70	19.79		
15	QPSK	36	0	19.57	19.75	19.65	21	0
15	QPSK	36	20	19.66	19.59	19.65		
15	QPSK	36	39	19.70	19.60	19.70		
15	QPSK	75	0	19.60	19.68	19.62		
15	16QAM	1	0	19.82	19.62	19.59	21	0
15	16QAM	1	37	19.80	19.60	19.75		
15	16QAM	1	74	19.54	19.69	19.51		
15	16QAM	36	0	19.41	19.29	19.50	21	0
15	16QAM	36	20	19.42	19.40	19.43		
15	16QAM	36	39	19.45	19.59	19.41		
15	16QAM	75	0	19.47	19.30	19.46		
15	64QAM	1	0	19.80	19.31	19.66	21	0
15	64QAM	1	37	19.60	19.42	19.68		
15	64QAM	1	74	19.56	19.74	19.74		
15	64QAM	36	0	19.45	19.30	19.45	21	0
15	64QAM	36	20	19.58	19.40	19.56		
15	64QAM	36	39	19.42	19.45	19.59		
15	64QAM	75	0	19.46	19.46	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.80	19.96	19.91	21	0
10	QPSK	1	25	19.81	19.64	19.89		
10	QPSK	1	49	19.78	19.70	19.79		
10	QPSK	25	0	19.64	19.69	19.59	21	0
10	QPSK	25	12	19.72	19.55	19.63		
10	QPSK	25	25	19.77	19.64	19.68		
10	QPSK	50	0	19.66	19.68	19.69		
10	16QAM	1	0	19.80	19.63	19.57	21	0
10	16QAM	1	25	19.78	19.56	19.82		
10	16QAM	1	49	19.52	19.71	19.54		
10	16QAM	25	0	19.42	19.25	19.46	21	0
10	16QAM	25	12	19.46	19.46	19.47		
10	16QAM	25	25	19.47	19.58	19.41		
10	16QAM	50	0	19.50	19.40	19.49		
10	64QAM	1	0	19.78	19.25	19.73	21	0
10	64QAM	1	25	19.68	19.51	19.61		
10	64QAM	1	49	19.56	19.73	19.80		
10	64QAM	25	0	19.41	19.33	19.48	21	0
10	64QAM	25	12	19.52	19.34	19.53		
10	64QAM	25	25	19.44	19.46	19.58		
10	64QAM	50	0	19.47	19.40	19.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.85	19.89	19.95	21	0
5	QPSK	1	12	19.73	19.68	19.83		
5	QPSK	1	24	19.81	19.68	19.78		
5	QPSK	12	0	19.56	19.80	19.60	21	0
5	QPSK	12	7	19.65	19.59	19.61		
5	QPSK	12	13	19.69	19.69	19.67		
5	QPSK	25	0	19.57	19.70	19.69		
5	16QAM	1	0	19.83	19.70	19.67	21	0
5	16QAM	1	12	19.72	19.53	19.78		
5	16QAM	1	24	19.57	19.66	19.51		
5	16QAM	12	0	19.39	19.28	19.50	21	0
5	16QAM	12	7	19.47	19.47	19.41		
5	16QAM	12	13	19.55	19.63	19.43		
5	16QAM	25	0	19.41	19.33	19.44		
5	64QAM	1	0	19.74	19.28	19.72	21	0
5	64QAM	1	12	19.66	19.49	19.65		
5	64QAM	1	24	19.50	19.82	19.71		
5	64QAM	12	0	19.43	19.35	19.47	21	0
5	64QAM	12	7	19.47	19.33	19.56		
5	64QAM	12	13	19.48	19.49	19.56		
5	64QAM	25	0	19.51	19.35	19.49		

Band 41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.90	15.00	15.06	14.96	14.91	15.5	0
20	QPSK	1	49	14.76	14.87	14.65	14.83	14.64		
20	QPSK	1	99	14.71	14.83	14.71	14.68	14.66		
20	QPSK	50	0	14.81	14.69	14.87	14.69	14.65	15.5	0
20	QPSK	50	24	14.75	14.61	14.64	14.65	14.60		
20	QPSK	50	50	14.79	14.66	14.61	14.67	14.52		
20	QPSK	100	0	14.70	14.77	14.79	14.70	14.52		
20	16QAM	1	0	14.74	14.73	14.80	14.92	14.59	15.5	0
20	16QAM	1	49	14.69	14.90	15.03	15.01	14.77		
20	16QAM	1	99	15.04	15.04	14.72	14.71	15.04		
20	16QAM	50	0	14.70	14.87	14.52	14.61	14.45	15.5	0
20	16QAM	50	24	14.71	14.79	14.57	14.67	14.55		
20	16QAM	50	50	14.81	14.72	14.68	14.62	14.62		
20	16QAM	100	0	14.85	14.75	14.58	14.68	14.54		
20	64QAM	1	0	14.71	14.73	14.83	14.99	14.62	15.5	0
20	64QAM	1	49	14.87	14.52	14.88	14.53	14.49		
20	64QAM	1	99	14.64	14.41	14.75	14.92	14.78		
20	64QAM	50	0	14.75	14.69	14.54	14.74	14.43	15.5	0
20	64QAM	50	24	14.72	14.81	14.59	14.62	14.60		
20	64QAM	50	50	14.72	14.69	14.53	14.63	14.72		
20	64QAM	100	0	14.62	14.76	14.55	14.73	14.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.78	14.89	14.97	14.81	14.84	15.5	0
15	QPSK	1	37	14.71	14.81	14.52	14.69	14.59		
15	QPSK	1	74	14.56	14.75	14.55	14.52	14.56		
15	QPSK	36	0	14.65	14.57	14.80	14.62	14.57	15.5	0
15	QPSK	36	20	14.66	14.50	14.59	14.51	14.51		
15	QPSK	36	39	14.73	14.50	14.47	14.55	14.44		
15	QPSK	75	0	14.55	14.69	14.64	14.61	14.44		
15	16QAM	1	0	14.69	14.59	14.66	14.80	14.46	15.5	0
15	16QAM	1	37	14.55	14.75	14.89	14.96	14.67		
15	16QAM	1	74	14.97	14.88	14.65	14.55	14.93		
15	16QAM	36	0	14.56	14.59	14.47	14.47	14.40	15.5	0
15	16QAM	36	20	14.63	14.73	14.45	14.56	14.50		
15	16QAM	36	39	14.73	14.59	14.60	14.54	14.46		
15	16QAM	75	0	14.79	14.66	14.45	14.53	14.44		
15	64QAM	1	0	14.58	14.66	14.71	14.84	14.54	15.5	0
15	64QAM	1	37	14.72	14.36	14.77	14.38	14.36		
15	64QAM	1	74	14.57	14.34	14.67	14.83	14.67		
15	64QAM	36	0	14.66	14.64	14.49	14.59	14.38	15.5	0
15	64QAM	36	20	14.61	14.74	14.54	14.54	14.51		
15	64QAM	36	39	14.57	14.55	14.38	14.54	14.63		
15	64QAM	75	0	14.52	14.65	14.41	14.60	14.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.82	14.95	14.91	14.88	14.78	15.5	0
10	QPSK	1	25	14.67	14.76	14.58	14.68	14.48		
10	QPSK	1	49	14.62	14.72	14.59	14.60	14.60		
10	QPSK	25	0	14.74	14.58	14.77	14.60	14.59	15.5	0
10	QPSK	25	12	14.60	14.53	14.57	14.50	14.52		
10	QPSK	25	25	14.73	14.54	14.49	14.58	14.45		
10	QPSK	50	0	14.59	14.63	14.70	14.56	14.42		
10	16QAM	1	0	14.63	14.64	14.68	14.83	14.44	15.5	0
10	16QAM	1	25	14.62	14.78	14.88	14.95	14.67		
10	16QAM	1	49	14.88	14.88	14.60	14.62	14.89		
10	16QAM	25	0	14.61	14.55	14.39	14.45	14.34	15.5	0
10	16QAM	25	12	14.56	14.73	14.43	14.57	14.50		
10	16QAM	25	25	14.75	14.67	14.54	14.51	14.53		
10	16QAM	50	0	14.73	14.64	14.45	14.63	14.46		
10	64QAM	1	0	14.58	14.64	14.76	14.87	14.52	15.5	0
10	64QAM	1	25	14.77	14.39	14.80	14.48	14.38		
10	64QAM	1	49	14.57	14.32	14.66	14.83	14.63		
10	64QAM	25	0	14.63	14.53	14.42	14.58	14.35	15.5	0
10	64QAM	25	12	14.58	14.66	14.49	14.52	14.46		
10	64QAM	25	25	14.57	14.58	14.46	14.57	14.63		
10	64QAM	50	0	14.56	14.71	14.45	14.63	14.53		
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	14.80	14.92	14.96	14.90	14.77	15.5	0
5	QPSK	1	12	14.62	14.75	14.49	14.78	14.56		
5	QPSK	1	24	14.55	14.69	14.63	14.61	14.59		
5	QPSK	12	0	14.67	14.58	14.73	14.61	14.54	15.5	0
5	QPSK	12	7	14.66	14.49	14.57	14.52	14.54		
5	QPSK	12	13	14.66	14.51	14.46	14.61	14.36		
5	QPSK	25	0	14.65	14.70	14.68	14.56	14.38		
5	16QAM	1	0	14.64	14.65	14.74	14.78	14.49	15.5	0
5	16QAM	1	12	14.53	14.81	14.87	14.90	14.66		
5	16QAM	1	24	14.95	14.90	14.60	14.59	14.93		
5	16QAM	12	0	14.65	14.57	14.41	14.47	14.38	15.5	0
5	16QAM	12	7	14.56	14.65	14.45	14.55	14.40		
5	16QAM	12	13	14.65	14.58	14.54	14.57	14.46		
5	16QAM	25	0	14.78	14.69	14.46	14.61	14.48		
5	64QAM	1	0	14.60	14.66	14.73	14.85	14.47	15.5	0
5	64QAM	1	12	14.77	14.37	14.75	14.46	14.39		
5	64QAM	1	24	14.59	14.30	14.70	14.83	14.64		
5	64QAM	12	0	14.68	14.61	14.46	14.68	14.33	15.5	0
5	64QAM	12	7	14.60	14.76	14.45	14.57	14.54		
5	64QAM	12	13	14.60	14.58	14.40	14.58	14.63		
5	64QAM	25	0	14.52	14.65	14.45	14.63	14.50		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.40	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

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	20.36	20.06	20.45	20.18	20.12	21.5	0
20	QPSK	1	49	20.04	20.01	20.17	20.05	20.09		
20	QPSK	1	99	19.95	19.96	20.19	20.11	20.04		
20	QPSK	50	0	20.17	20.16	20.30	20.18	20.15	21.5	0
20	QPSK	50	24	20.16	20.08	20.14	20.11	20.06		
20	QPSK	50	50	20.01	20.14	20.20	20.17	20.13		
20	QPSK	100	0	20.11	20.21	20.32	20.29	20.04		
20	16QAM	1	0	20.25	20.11	20.17	20.05	19.79	21.5	0
20	16QAM	1	49	20.07	20.02	20.25	20.22	19.77		
20	16QAM	1	99	19.96	20.43	19.91	19.85	20.11		
20	16QAM	50	0	20.12	20.11	20.20	20.23	20.13	21.5	0
20	16QAM	50	24	20.22	20.22	20.13	20.33	20.09		
20	16QAM	50	50	20.14	20.24	20.12	20.26	20.19		
20	16QAM	100	0	19.95	20.13	20.10	20.23	19.98		
20	64QAM	1	0	20.26	19.99	20.04	20.06	20.33	21.5	0
20	64QAM	1	49	20.13	19.84	19.97	20.04	20.04		
20	64QAM	1	99	19.97	20.10	20.18	20.22	20.02		
20	64QAM	50	0	19.95	20.09	20.04	20.16	20.14	21.5	0
20	64QAM	50	24	20.06	20.08	20.18	20.15	19.95		
20	64QAM	50	50	20.13	20.22	20.20	20.37	20.17		
20	64QAM	100	0	20.19	20.12	19.98	20.22	20.06		
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	20.22	19.91	20.40	20.08	20.07	21.5	0
15	QPSK	1	37	19.88	19.88	20.07	19.98	19.98		
15	QPSK	1	74	19.83	19.84	20.03	20.05	19.93		
15	QPSK	36	0	20.03	20.08	20.16	20.09	20.10	21.5	0
15	QPSK	36	20	20.05	19.99	19.99	20.00	19.97		
15	QPSK	36	39	19.85	20.00	20.05	20.11	20.01		
15	QPSK	75	0	20.01	20.12	20.25	20.16	19.97		
15	16QAM	1	0	20.13	20.05	20.09	19.95	19.74	21.5	0
15	16QAM	1	37	19.96	19.95	20.12	20.09	19.65		
15	16QAM	1	74	19.89	20.33	19.84	19.70	20.05		
15	16QAM	36	0	20.02	20.02	20.11	20.18	20.01	21.5	0
15	16QAM	36	20	20.09	20.10	19.98	20.25	19.99		
15	16QAM	36	39	19.99	20.08	20.05	20.13	20.10		
15	16QAM	75	0	19.86	19.99	20.03	20.14	19.92		
15	64QAM	1	0	20.17	19.92	19.90	20.01	20.23	21.5	0
15	64QAM	1	37	20.00	19.71	19.83	19.89	19.97		
15	64QAM	1	74	19.81	20.04	20.09	20.09	19.86		
15	64QAM	36	0	19.87	20.03	19.95	20.03	20.08	21.5	0
15	64QAM	36	20	19.97	19.99	20.03	19.99	19.82		
15	64QAM	36	39	20.08	20.13	20.10	20.21	20.06		
15	64QAM	75	0	20.03	20.01	19.87	20.07	19.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.21	19.91	20.40	20.08	20.05	21.5	0
10	QPSK	1	25	19.97	19.85	20.11	19.91	19.97		
10	QPSK	1	49	19.89	19.85	20.08	19.96	19.97		
10	QPSK	25	0	20.07	20.07	20.24	20.10	20.06	21.5	0
10	QPSK	25	12	20.11	20.02	20.07	19.99	20.00		
10	QPSK	25	25	19.95	20.00	20.09	20.07	20.04		
10	QPSK	50	0	19.99	20.16	20.18	20.13	19.93		
10	16QAM	1	0	20.11	19.99	20.06	19.95	19.68	21.5	0
10	16QAM	1	25	20.01	19.88	20.11	20.09	19.68		
10	16QAM	1	49	19.84	20.35	19.85	19.77	20.06		
10	16QAM	25	0	19.97	20.05	20.11	20.07	20.08	21.5	0
10	16QAM	25	12	20.12	20.16	19.97	20.21	20.01		
10	16QAM	25	25	20.00	20.09	19.96	20.17	20.11		
10	16QAM	50	0	19.90	20.06	20.03	20.17	19.93		
10	64QAM	1	0	20.19	19.91	19.99	19.92	20.24	21.5	0
10	64QAM	1	25	20.06	19.73	19.87	19.88	19.98		
10	64QAM	1	49	19.81	20.04	20.04	20.13	19.97		
10	64QAM	25	0	19.80	20.02	19.91	20.11	20.04	21.5	0
10	64QAM	25	12	19.92	20.02	20.13	20.04	19.85		
10	64QAM	25	25	20.07	20.15	20.14	20.31	20.11		
10	64QAM	50	0	20.09	20.02	19.89	20.12	19.94		
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	20.23	19.99	20.38	20.03	20.07	21.5	0
5	QPSK	1	12	19.94	19.91	20.03	19.92	19.94		
5	QPSK	1	24	19.88	19.90	20.14	20.06	19.88		
5	QPSK	12	0	20.02	20.07	20.21	20.04	20.06	21.5	0
5	QPSK	12	7	20.04	19.92	20.04	20.05	19.95		
5	QPSK	12	13	19.89	20.08	20.10	20.03	20.06		
5	QPSK	25	0	19.97	20.10	20.24	20.23	19.91		
5	16QAM	1	0	20.12	19.97	20.06	19.90	19.63	21.5	0
5	16QAM	1	12	19.92	19.97	20.14	20.07	19.61		
5	16QAM	1	24	19.87	20.37	19.79	19.70	19.95		
5	16QAM	12	0	20.06	20.01	20.05	20.14	20.04	21.5	0
5	16QAM	12	7	20.06	20.14	20.01	20.24	20.04		
5	16QAM	12	13	20.02	20.16	19.97	20.10	20.07		
5	16QAM	25	0	19.88	19.98	20.00	20.08	19.90		
5	64QAM	1	0	20.18	19.92	19.88	19.90	20.23	21.5	0
5	64QAM	1	12	19.97	19.73	19.83	19.89	19.88		
5	64QAM	1	24	19.81	19.96	20.10	20.06	19.94		
5	64QAM	12	0	19.82	20.03	19.90	20.10	20.08	21.5	0
5	64QAM	12	7	19.97	19.99	20.02	20.04	19.88		
5	64QAM	12	13	20.03	20.17	20.06	20.32	20.11		
5	64QAM	25	0	20.13	20.00	19.92	20.09	19.98		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	15.94	16.18	15.90	16.5	0
20	QPSK		49	15.93	16.03	15.85		
20	QPSK		99	15.86	15.92	15.85		
20	QPSK	50	0	15.95	16.14	16.13	16.5	0
20	QPSK	50	24	15.87	16.07	16.06		
20	QPSK	50	50	15.91	16.00	16.11		
20	QPSK	100	0	15.99	16.02	16.00		
20	16QAM		0	16.02	16.13	16.10	16.5	0
20	16QAM		49	15.71	16.16	16.03		
20	16QAM		99	15.98	16.09	16.08		
20	16QAM	50	0	15.84	15.91	16.11	16.5	0
20	16QAM	50	24	16.01	16.08	16.07		
20	16QAM	50	50	16.02	16.10	16.04		
20	16QAM	100	0	15.96	15.95	16.06		
20	64QAM		0	16.14	16.09	16.14	16.5	0
20	64QAM		49	16.07	16.10	16.12		
20	64QAM		99	16.11	16.14	16.09		
20	64QAM	50	0	15.79	16.13	16.14	16.5	0
20	64QAM	50	24	15.99	16.00	16.12		
20	64QAM	50	50	15.89	16.17	16.10		
20	64QAM	100	0	15.96	16.02	16.01		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	15.83	16.10	15.75	16.5	0
15	QPSK		37	15.83	15.93	15.79		
15	QPSK		74	15.71	15.86	15.78		
15	QPSK	36	0	15.86	16.01	16.03	16.5	0
15	QPSK	36	20	15.73	15.93	16.00		
15	QPSK	36	39	15.86	15.94	16.01		
15	QPSK	75	0	15.93	15.93	15.88		
15	16QAM		0	15.88	15.97	15.95	16.5	0
15	16QAM		37	15.58	16.09	15.97		
15	16QAM		74	15.92	15.93	16.01		
15	16QAM	36	0	15.71	15.76	16.04	16.5	0
15	16QAM	36	20	15.88	15.92	15.97		
15	16QAM	36	39	15.90	15.95	15.93		
15	16QAM	75	0	15.81	15.90	15.91		
15	64QAM		0	16.03	15.97	16.09	16.5	0
15	64QAM		37	16.02	16.04	16.07		
15	64QAM		74	15.99	16.01	16.01		
15	64QAM	36	0	15.74	16.07	16.03	16.5	0
15	64QAM	36	20	15.93	15.90	15.98		
15	64QAM	36	39	15.74	16.01	16.02		
15	64QAM	75	0	15.80	15.96	15.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	15.87	16.06	15.83	16.5	0
10	QPSK		25	15.79	15.93	15.78		
10	QPSK		49	15.81	15.79	15.70		
10	QPSK	25	0	15.87	16.05	16.05	16.5	0
10	QPSK	25	12	15.73	15.93	16.01		
10	QPSK	25	25	15.82	15.84	15.98		
10	QPSK	50	0	15.83	15.93	15.88		
10	16QAM		0	15.91	15.99	15.94	16.5	0
10	16QAM		25	15.61	16.09	15.98		
10	16QAM		49	15.89	15.97	15.96		
10	16QAM	25	0	15.70	15.77	16.03	16.5	0
10	16QAM	25	12	15.87	15.99	15.93		
10	16QAM	25	25	15.89	15.99	15.93		
10	16QAM	50	0	15.81	15.86	15.92		
10	64QAM		0	16.02	15.96	16.06	16.5	0
10	64QAM		25	16.01	16.04	15.97		
10	64QAM		49	16.06	16.07	15.94		
10	64QAM	25	0	15.67	15.99	16.01	16.5	0
10	64QAM	25	12	15.91	15.88	16.05		
10	64QAM	25	25	15.75	16.09	15.94		
10	64QAM	50	0	15.88	15.89	15.95		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	15.82	16.13	15.85	16.5	0
5	QPSK		12	15.83	15.96	15.73		
5	QPSK		24	15.72	15.86	15.80		
5	QPSK	12	0	15.79	15.99	16.05	16.5	0
5	QPSK	12	7	15.82	15.91	15.96		
5	QPSK	12	13	15.75	15.85	16.01		
5	QPSK	25	0	15.89	15.88	15.89		
5	16QAM		0	15.89	16.03	16.00	16.5	0
5	16QAM		12	15.66	16.11	15.94		
5	16QAM		24	15.90	16.02	15.96		
5	16QAM	12	0	15.73	15.85	16.01	16.5	0
5	16QAM	12	7	15.91	16.02	16.02		
5	16QAM	12	13	15.95	16.03	15.95		
5	16QAM	25	0	15.85	15.90	15.97		
5	64QAM		0	16.04	15.96	16.00	16.5	0
5	64QAM		12	15.97	15.97	16.02		
5	64QAM		24	16.00	16.03	15.93		
5	64QAM	12	0	15.70	16.04	16.06	16.5	0
5	64QAM	12	7	15.89	15.87	15.96		
5	64QAM	12	13	15.84	16.04	16.00		
5	64QAM	25	0	15.82	15.91	15.88		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	15.56	15.82	15.77	16.8	0
20	QPSK		49	15.48	15.57	15.64		
20	QPSK		99	15.50	15.38	15.75		
20	QPSK	50	0	15.63	15.73	15.64	16.8	0
20	QPSK	50	24	15.62	15.66	15.57		
20	QPSK	50	50	15.54	15.68	15.60		
20	QPSK	100	0	15.64	15.78	15.70		
20	16QAM		0	15.72	15.77	15.69	16.8	0
20	16QAM		49	15.68	15.80	15.79		
20	16QAM		99	15.27	15.22	15.38		
20	16QAM	50	0	15.49	15.38	15.47	16.8	0
20	16QAM	50	24	15.50	15.44	15.42		
20	16QAM	50	50	15.48	15.54	15.39		
20	16QAM	100	0	15.48	15.54	15.35		
20	64QAM		0	15.69	15.56	15.02	16.8	0
20	64QAM		49	15.50	15.36	15.62		
20	64QAM		99	15.42	15.44	15.21		
20	64QAM	50	0	15.46	15.47	15.44	16.8	0
20	64QAM	50	24	15.44	15.28	15.42		
20	64QAM	50	50	15.48	15.49	15.33		
20	64QAM	100	0	15.47	15.48	15.47		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	15.47	15.75	15.62	16.8	0
15	QPSK		37	15.42	15.43	15.52		
15	QPSK		74	15.36	15.22	15.69		
15	QPSK	36	0	15.55	15.58	15.51	16.8	0
15	QPSK	36	20	15.53	15.50	15.48		
15	QPSK	36	39	15.45	15.56	15.54		
15	QPSK	75	0	15.59	15.62	15.55		
15	16QAM		0	15.66	15.65	15.62	16.8	0
15	16QAM		37	15.53	15.69	15.70		
15	16QAM		74	15.17	15.12	15.33		
15	16QAM	36	0	15.35	15.23	15.33	16.8	0
15	16QAM	36	20	15.40	15.29	15.35		
15	16QAM	36	39	15.39	15.41	15.34		
15	16QAM	75	0	15.36	15.45	15.25		
15	64QAM		0	15.62	15.46	14.90	16.8	0
15	64QAM		37	15.43	15.20	15.49		
15	64QAM		74	15.30	15.35	15.07		
15	64QAM	36	0	15.34	15.38	15.32	16.8	0
15	64QAM	36	20	15.28	15.17	15.37		
15	64QAM	36	39	15.43	15.35	15.22		
15	64QAM	75	0	15.32	15.43	15.33		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	15.48	15.74	15.68	16.8	0
10	QPSK		25	15.33	15.42	15.56		
10	QPSK		49	15.38	15.28	15.67		
10	QPSK	25	0	15.50	15.63	15.48	16.8	0
10	QPSK	25	12	15.51	15.53	15.50		
10	QPSK	25	25	15.47	15.54	15.46		
10	QPSK	50	0	15.49	15.68	15.57		
10	16QAM		0	15.60	15.65	15.56	16.8	0
10	16QAM		25	15.52	15.66	15.64		
10	16QAM		49	15.14	15.15	15.24		
10	16QAM	25	0	15.40	15.31	15.41	16.8	0
10	16QAM	25	12	15.42	15.28	15.30		
10	16QAM	25	25	15.39	15.48	15.33		
10	16QAM	50	0	15.40	15.43	15.30		
10	64QAM		0	15.58	15.45	14.92	16.8	0
10	64QAM		25	15.36	15.21	15.48		
10	64QAM		49	15.27	15.34	15.12		
10	64QAM	25	0	15.35	15.33	15.36	16.8	0
10	64QAM	25	12	15.28	15.14	15.29		
10	64QAM	25	25	15.33	15.39	15.23		
10	64QAM	50	0	15.32	15.32	15.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	15.45	15.66	15.69	16.8	0
5	QPSK		12	15.42	15.44	15.58		
5	QPSK		24	15.40	15.31	15.59		
5	QPSK	12	0	15.58	15.58	15.53	16.8	0
5	QPSK	12	7	15.57	15.59	15.46		
5	QPSK	12	13	15.38	15.53	15.48		
5	QPSK	25	0	15.57	15.63	15.65		
5	16QAM		0	15.66	15.70	15.62	16.8	0
5	16QAM		12	15.59	15.75	15.69		
5	16QAM		24	15.11	15.07	15.24		
5	16QAM	12	0	15.36	15.32	15.37	16.8	0
5	16QAM	12	7	15.36	15.37	15.29		
5	16QAM	12	13	15.43	15.46	15.33		
5	16QAM	25	0	15.43	15.46	15.20		
5	64QAM		0	15.60	15.40	14.94	16.8	0
5	64QAM		12	15.34	15.23	15.53		
5	64QAM		24	15.37	15.35	15.13		
5	64QAM	12	0	15.35	15.34	15.31	16.8	0
5	64QAM	12	7	15.28	15.22	15.31		
5	64QAM	12	13	15.37	15.43	15.18		
5	64QAM	25	0	15.35	15.41	15.34		

Reduced Power for DSI 4

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.02	29.96	29.92	**31.50**	21.02	20.96	20.92	22.50
GPRS 1 Tx slot	29.94	29.95	29.91	**31.50**	20.94	20.95	20.91	22.50
GPRS 2 Tx slots	28.40	28.42	28.41	**30.00**	22.40	22.42	22.41	24.00
GPRS 3 Tx slots	27.12	27.06	26.96	**28.00**	22.86	22.80	22.70	23.74
GPRS 4 Tx slots	25.52	25.40	25.25	**26.70**	22.52	22.40	22.25	23.70
EDGE 1 Tx slot	25.91	26.24	26.18	**27.50**	16.91	17.24	17.18	18.50
EDGE 2 Tx slots	25.06	25.04	25.06	**26.50**	19.06	19.04	19.06	20.50
EDGE 3 Tx slots	23.83	23.85	23.91	**25.50**	19.57	19.59	19.65	21.24
EDGE 4 Tx slots	22.81	23.05	22.86	**24.50**	19.81	20.05	19.86	21.50

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.76	27.42	27.88	**29.00**	18.76	18.42	18.88	20.00
GPRS 1 Tx slot	27.71	27.36	27.81	**29.00**	18.71	18.36	18.81	20.00
GPRS 2 Tx slots	25.31	25.29	25.46	**26.50**	19.31	19.29	19.46	20.50
GPRS 3 Tx slots	23.50	23.57	23.56	**25.50**	19.24	19.31	19.30	21.24
GPRS 4 Tx slots	23.33	23.09	23.28	**24.00**	20.33	20.09	20.28	21.00
EDGE 1 Tx slot	24.63	24.25	24.47	**26.00**	15.63	15.25	15.47	17.00
EDGE 2 Tx slots	23.13	23.11	23.34	**25.00**	17.13	17.11	17.34	19.00
EDGE 3 Tx slots	21.84	21.77	22.12	**23.50**	17.58	17.51	17.86	19.24
EDGE 4 Tx slots	21.22	21.25	21.21	**22.50**	18.22	18.25	18.21	19.50

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.40	27.81	27.74	**29.00**	18.40	18.81	18.74	20.00
GPRS 1 Tx slot	27.35	27.61	27.56	**29.00**	18.35	18.61	18.56	20.00
GPRS 2 Tx slots	25.03	25.24	25.23	**27.00**	19.03	19.24	19.23	21.00
GPRS 3 Tx slots	24.00	24.25	24.21	**26.00**	19.74	19.99	19.95	21.74
GPRS 4 Tx slots	22.75	22.89	22.83	**24.50**	19.75	19.89	19.83	21.50
EDGE 1 Tx slot	25.70	25.41	25.71	**26.50**	16.70	16.41	16.71	17.50
EDGE 2 Tx slots	24.27	24.32	24.52	**25.50**	18.27	18.32	18.52	19.50
EDGE 3 Tx slots	23.11	23.07	23.24	**24.50**	18.85	18.81	18.98	20.24
EDGE 4 Tx slots	21.75	22.11	22.31	**23.50**	18.75	19.11	19.31	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.01	20.34	20.44	**22.00**	21.01	21.13	21.24	**22.30**
3GPP Rel 99	RMC 12.2Kbps	20.02	20.47	20.46	**22.00**	21.07	21.28	21.26	**22.30**
3GPP Rel 6	HSDPA Subtest-1	19.07	19.17	19.09	**21.00**	19.84	19.88	19.90	**21.30**
3GPP Rel 6	HSDPA Subtest-2	19.10	19.13	19.07	**21.00**	19.83	19.87	19.93	**21.30**
3GPP Rel 6	HSDPA Subtest-3	18.61	18.66	18.60	**20.50**	18.97	19.39	19.36	**20.80**
3GPP Rel 6	HSDPA Subtest-4	18.58	18.65	18.57	**20.50**	19.30	19.36	19.36	**20.80**
3GPP Rel 8	DC-HSDPA Subtest-1	19.12	19.32	19.23	**21.00**	19.99	19.98	19.97	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-2	19.16	19.19	19.17	**21.00**	19.89	19.99	20.01	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-3	18.77	18.72	18.74	**20.50**	19.07	19.44	19.43	**20.80**
3GPP Rel 8	DC-HSDPA Subtest-4	18.68	18.74	18.72	**20.50**	19.42	19.42	19.41	**20.80**
3GPP Rel 6	HSUPA Subtest-1	19.13	19.19	19.11	**21.00**	19.82	19.93	19.92	**21.30**
3GPP Rel 6	HSUPA Subtest-2	17.05	17.19	17.07	**19.00**	17.83	17.94	17.92	**19.30**
3GPP Rel 6	HSUPA Subtest-3	18.08	18.17	18.08	**20.00**	18.84	18.90	18.92	**20.30**
3GPP Rel 6	HSUPA Subtest-4	17.09	17.11	17.09	**19.00**	17.81	17.91	17.88	**19.30**
3GPP Rel 6	HSUPA Subtest-5	19.10	19.20	19.20	**21.00**	19.90	19.90	19.90	**21.30**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.67	20.79	20.81	**22.50**	21.16	21.24	21.26	**22.50**
3GPP Rel 99	RMC 12.2Kbps	20.71	20.89	20.88	**22.50**	21.20	21.35	21.28	**22.50**
3GPP Rel 6	HSDPA Subtest-1	19.68	19.85	19.91	**21.50**	19.97	20.05	20.06	**21.50**
3GPP Rel 6	HSDPA Subtest-2	19.69	19.85	19.91	**21.50**	19.95	20.10	20.13	**21.50**
3GPP Rel 6	HSDPA Subtest-3	19.20	19.36	19.40	**21.00**	19.47	19.58	19.61	**21.00**
3GPP Rel 6	HSDPA Subtest-4	19.19	19.34	19.34	**21.00**	19.43	19.54	19.54	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-1	19.82	19.99	19.96	**21.50**	20.09	20.16	20.11	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-2	19.79	20.00	20.06	**21.50**	20.05	20.15	20.22	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-3	19.36	19.41	19.48	**21.00**	19.53	19.73	19.77	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-4	19.28	19.49	19.48	**21.00**	19.59	19.68	19.63	**21.00**
3GPP Rel 6	HSUPA Subtest-1	19.72	19.90	19.94	**21.50**	19.93	20.13	20.10	**21.50**
3GPP Rel 6	HSUPA Subtest-2	17.76	17.89	17.95	**19.50**	17.94	18.05	18.11	**19.50**
3GPP Rel 6	HSUPA Subtest-3	18.72	18.85	18.96	**20.50**	18.94	19.10	19.09	**20.50**
3GPP Rel 6	HSUPA Subtest-4	17.76	17.87	17.90	**19.50**	17.96	18.09	18.07	**19.50**
3GPP Rel 6	HSUPA Subtest-5	19.80	19.90	20.00	**21.50**	20.00	20.10	20.10	**21.50**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.41	22.48	22.43	**24.00**	22.86	22.96	22.92	**24.50**
3GPP Rel 99	RMC 12.2Kbps	22.48	22.49	22.44	**24.00**	22.91	23.01	22.96	**24.50**
3GPP Rel 6	HSDPA Subtest-1	21.30	21.35	21.33	**23.00**	21.95	21.99	21.94	**23.50**
3GPP Rel 6	HSDPA Subtest-2	21.32	21.33	21.32	**23.00**	21.95	21.93	21.95	**23.50**
3GPP Rel 6	HSDPA Subtest-3	20.80	20.82	20.83	**22.50**	21.44	21.48	21.46	**23.00**
3GPP Rel 6	HSDPA Subtest-4	20.76	20.81	20.83	**22.50**	21.46	21.49	21.44	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.39	21.50	21.49	**23.00**	22.11	22.13	22.00	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	21.39	21.39	21.48	**23.00**	22.04	22.07	22.02	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	20.95	20.87	20.89	**22.50**	21.55	21.57	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	20.85	20.92	20.88	**22.50**	21.58	21.59	21.53	**23.00**
3GPP Rel 6	HSUPA Subtest-1	21.32	21.37	21.34	**23.00**	21.92	21.96	21.96	**23.50**
3GPP Rel 6	HSUPA Subtest-2	19.27	19.36	19.33	**21.00**	19.87	19.97	19.95	**21.50**
3GPP Rel 6	HSUPA Subtest-3	20.27	20.30	20.31	**22.00**	20.88	20.97	20.92	**22.50**
3GPP Rel 6	HSUPA Subtest-4	19.30	19.35	19.30	**21.00**	19.85	19.99	19.95	**21.50**
3GPP Rel 6	HSUPA Subtest-5	21.30	21.40	21.40	**23.00**	21.80	22.00	22.00	**23.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	22.12	22.13	22.09	**23.50**	22.92	22.95	22.85	**24.00**
RC3 SO55	22.14	22.16	22.13	**23.50**	22.92	22.97	22.85	**24.00**
RC3 SO32 (F+SCH)	22.07	22.16	22.10	**23.50**	22.92	22.94	22.85	**24.00**
RC3 SO32 (+SCH)	22.10	22.11	22.06	**23.50**	22.79	22.88	22.84	**24.00**

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.12	20.67	20.27	21.5	0
20	QPSK	1	49	19.94	20.26	20.21		
20	QPSK	1	99	19.89	20.00	20.20		
20	QPSK	50	0	20.18	20.43	20.40	21.5	0
20	QPSK	50	24	20.16	20.26	20.30		
20	QPSK	50	50	20.10	20.22	20.26		
20	QPSK	100	0	20.13	20.31	20.26		
20	16QAM	1	0	20.28	20.54	20.25	21.5	0
20	16QAM	1	49	20.63	20.55	20.53		
20	16QAM	1	99	20.26	20.30	20.32		
20	16QAM	50	0	20.25	20.29	20.27	21.5	0
20	16QAM	50	24	20.14	20.26	20.25		
20	16QAM	50	50	20.11	20.12	20.23		
20	16QAM	100	0	20.20	20.22	20.28		
20	64QAM	1	0	20.22	20.44	20.28	21.5	0
20	64QAM	1	49	20.29	20.37	20.61		
20	64QAM	1	99	20.16	20.51	20.36		
20	64QAM	50	0	19.65	19.70	19.76	21	0.5
20	64QAM	50	24	19.62	19.73	19.69		
20	64QAM	50	50	19.72	19.68	19.74		
20	64QAM	100	0	19.67	19.64	19.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.97	20.52	20.01	21.5	0
15	QPSK	1	37	19.81	20.20	20.09		
15	QPSK	1	74	19.78	19.88	20.06		
15	QPSK	36	0	20.03	20.17	20.06	21.5	0
15	QPSK	36	20	20.09	20.15	20.16		
15	QPSK	36	39	19.94	20.15	20.21		
15	QPSK	75	0	20.00	20.19	20.18		
15	16QAM	1	0	20.19	20.38	20.16	21.5	0
15	16QAM	1	37	20.55	20.43	20.46		
15	16QAM	1	74	20.15	20.25	20.16		
15	16QAM	36	0	20.17	20.21	20.16	21.5	0
15	16QAM	36	20	20.04	20.12	20.16		
15	16QAM	36	39	20.03	20.06	20.11		
15	16QAM	75	0	20.12	20.06	20.16		
15	64QAM	1	0	20.07	20.28	20.12	21.5	0
15	64QAM	1	37	20.13	20.26	20.49		
15	64QAM	1	74	20.10	20.37	20.23		
15	64QAM	36	0	19.57	19.55	19.64	21	0.5
15	64QAM	36	20	19.50	19.63	19.63		
15	64QAM	36	39	19.64	19.57	19.60		
15	64QAM	75	0	19.58	19.52	19.59		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.07	20.61	19.94	21.5	0
10	QPSK	1	25	19.78	20.10	20.11		
10	QPSK	1	49	19.78	19.84	20.13		
10	QPSK	25	0	20.03	20.23	20.06	21.5	0
10	QPSK	25	12	20.01	20.15	20.17		
10	QPSK	25	25	20.03	20.07	20.16		
10	QPSK	50	0	20.00	20.24	20.16		
10	16QAM	1	0	20.18	20.44	20.20	21.5	0
10	16QAM	1	25	20.50	20.48	20.44		
10	16QAM	1	49	20.19	20.18	20.24		
10	16QAM	25	0	20.10	20.18	20.22	21.5	0
10	16QAM	25	12	20.04	20.17	20.19		
10	16QAM	25	25	20.02	20.06	20.18		
10	16QAM	50	0	20.05	20.10	20.21		
10	64QAM	1	0	20.09	20.39	20.19	21.5	0
10	64QAM	1	25	20.20	20.22	20.50		
10	64QAM	1	49	20.09	20.39	20.25		
10	64QAM	25	0	19.50	19.61	19.65	21	0.5
10	64QAM	25	12	19.55	19.62	19.59		
10	64QAM	25	25	19.66	19.60	19.69		
10	64QAM	50	0	19.55	19.55	19.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.97	20.55	19.99	21.5	0
5	QPSK	1	12	19.84	20.20	20.15		
5	QPSK	1	24	19.73	19.90	20.11		
5	QPSK	12	0	20.02	20.24	20.04	21.5	0
5	QPSK	12	7	20.02	20.13	20.14		
5	QPSK	12	13	20.01	20.12	20.13		
5	QPSK	25	0	20.03	20.24	20.14		
5	16QAM	1	0	20.19	20.42	20.19	21.5	0
5	16QAM	1	12	20.55	20.40	20.46		
5	16QAM	1	24	20.21	20.18	20.25		
5	16QAM	12	0	20.12	20.13	20.22	21.5	0
5	16QAM	12	7	20.03	20.10	20.19		
5	16QAM	12	13	19.96	19.99	20.07		
5	16QAM	25	0	20.12	20.06	20.15		
5	64QAM	1	0	20.16	20.29	20.20	21.5	0
5	64QAM	1	12	20.24	20.22	20.49		
5	64QAM	1	24	20.03	20.39	20.31		
5	64QAM	12	0	19.59	19.65	19.60	21	0.5
5	64QAM	12	7	19.57	19.62	19.54		
5	64QAM	12	13	19.62	19.53	19.61		
5	64QAM	25	0	19.59	19.57	19.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.99	20.55	19.95	21.5	0
3	QPSK	1	8	19.85	20.12	20.06		
3	QPSK	1	14	19.77	19.91	20.06		
3	QPSK	8	0	20.04	20.28	20.10	21.5	0
3	QPSK	8	4	20.11	20.21	20.25		
3	QPSK	8	7	20.00	20.13	20.14		
3	QPSK	15	0	20.02	20.17	20.19		
3	16QAM	1	0	20.22	20.41	20.16	21.5	0
3	16QAM	1	8	20.49	20.44	20.48		
3	16QAM	1	14	20.20	20.23	20.19		
3	16QAM	8	0	20.11	20.23	20.19	21.5	0
3	16QAM	8	4	20.05	20.14	20.14		
3	16QAM	8	7	20.00	20.03	20.12		
3	16QAM	15	0	20.11	20.17	20.17		
3	64QAM	1	0	20.17	20.39	20.18	21.5	0
3	64QAM	1	8	20.13	20.30	20.55		
3	64QAM	1	14	20.04	20.40	20.23		
3	64QAM	8	0	19.60	19.64	19.61	21	0.5
3	64QAM	8	4	19.56	19.66	19.59		
3	64QAM	8	7	19.62	19.61	19.59		
3	64QAM	15	0	19.55	19.55	19.65		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.98	20.55	19.93	21.5	0
1.4	QPSK	1	3	19.87	20.15	20.16		
1.4	QPSK	1	5	19.75	19.95	20.12		
1.4	QPSK	3	0	19.98	20.24	20.15		
1.4	QPSK	3	1	20.07	20.13	20.20		
1.4	QPSK	3	3	20.04	20.15	20.17		
1.4	QPSK	6	0	19.97	20.25	20.16	21.5	0
1.4	16QAM	1	0	20.19	20.40	20.19	21.5	0
1.4	16QAM	1	3	20.47	20.39	20.38		
1.4	16QAM	1	5	20.18	20.15	20.24		
1.4	16QAM	3	0	20.18	20.15	20.20		
1.4	16QAM	3	1	20.06	20.20	20.13		
1.4	16QAM	3	3	19.99	19.99	20.11		
1.4	16QAM	6	0	20.13	20.16	20.19	21.5	0
1.4	64QAM	1	0	20.16	20.37	20.18	21.5	0
1.4	64QAM	1	3	20.13	20.28	20.49		
1.4	64QAM	1	5	20.11	20.37	20.23		
1.4	64QAM	3	0	19.56	19.59	19.70		
1.4	64QAM	3	1	19.51	19.66	19.54		
1.4	64QAM	3	3	19.63	19.59	19.61		
1.4	64QAM	6	0	19.60	19.59	19.64	21	0.5

Band 2_Ant 31

BW [MHz]	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	20.40	20.94	20.58	21.5	0
20	QPSK	1	49	20.31	20.35	20.57		
20	QPSK	1	99	20.26	20.33	20.34		
20	QPSK	50	0	20.48	20.69	20.54	21.5	0
20	QPSK	50	24	20.39	20.46	20.46		
20	QPSK	50	50	20.42	20.47	20.40		
20	QPSK	100	0	20.42	20.67	20.63		
20	16QAM	1	0	20.78	20.72	20.88	21.5	0
20	16QAM	1	49	20.87	20.89	20.74		
20	16QAM	1	99	20.34	20.40	20.77		
20	16QAM	50	0	20.46	20.39	20.55	21.5	0
20	16QAM	50	24	20.46	20.50	20.69		
20	16QAM	50	50	20.37	20.42	20.52		
20	16QAM	100	0	20.49	20.45	20.61		
20	64QAM	1	0	20.56	20.62	20.85	21.5	0
20	64QAM	1	49	20.85	20.84	20.84		
20	64QAM	1	99	20.72	20.42	20.51		
20	64QAM	50	0	20.45	20.56	20.59	21.5	0
20	64QAM	50	24	20.44	20.54	20.64		
20	64QAM	50	50	20.39	20.47	20.54		
20	64QAM	100	0	20.40	20.56	20.57		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.35	20.85	20.53	21.5	0
15	QPSK	1	37	20.22	20.28	20.51		
15	QPSK	1	74	20.16	20.19	20.21		
15	QPSK	36	0	20.33	20.57	20.45	21.5	0
15	QPSK	36	20	20.28	20.40	20.35		
15	QPSK	36	39	20.35	20.33	20.29		
15	QPSK	75	0	20.32	20.62	20.47		
15	16QAM	1	0	20.65	20.66	20.79	21.5	0
15	16QAM	1	37	20.79	20.80	20.68		
15	16QAM	1	74	20.24	20.24	20.72		
15	16QAM	36	0	20.37	20.33	20.39	21.5	0
15	16QAM	36	20	20.37	20.40	20.58		
15	16QAM	36	39	20.32	20.34	20.47		
15	16QAM	75	0	20.42	20.33	20.50		
15	64QAM	1	0	20.48	20.46	20.70	21.5	0
15	64QAM	1	37	20.75	20.75	20.78		
15	64QAM	1	74	20.56	20.29	20.39		
15	64QAM	36	0	20.35	20.46	20.50	21.5	0
15	64QAM	36	20	20.39	20.43	20.57		
15	64QAM	36	39	20.30	20.36	20.38		
15	64QAM	75	0	20.31	20.41	20.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.34	20.80	20.43	21.5	0
10	QPSK	1	25	20.24	20.25	20.46		
10	QPSK	1	49	20.16	20.25	20.29		
10	QPSK	25	0	20.32	20.57	20.42	21.5	0
10	QPSK	25	12	20.23	20.34	20.34		
10	QPSK	25	25	20.31	20.32	20.28		
10	QPSK	50	0	20.26	20.54	20.51		
10	16QAM	1	0	20.62	20.67	20.83	21.5	0
10	16QAM	1	25	20.78	20.82	20.60		
10	16QAM	1	49	20.23	20.33	20.70		
10	16QAM	25	0	20.41	20.25	20.50	21.5	0
10	16QAM	25	12	20.38	20.35	20.55		
10	16QAM	25	25	20.26	20.35	20.45		
10	16QAM	50	0	20.35	20.35	20.51		
10	64QAM	1	0	20.43	20.56	20.77	21.5	0
10	64QAM	1	25	20.77	20.73	20.72		
10	64QAM	1	49	20.61	20.33	20.39		
10	64QAM	25	0	20.37	20.40	20.50	21.5	0
10	64QAM	25	12	20.34	20.46	20.54		
10	64QAM	25	25	20.23	20.39	20.44		
10	64QAM	50	0	20.33	20.47	20.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.32	20.84	20.46	21.5	0
5	QPSK	1	12	20.16	20.20	20.46		
5	QPSK	1	24	20.19	20.21	20.21		
5	QPSK	12	0	20.42	20.55	20.47	21.5	0
5	QPSK	12	7	20.30	20.32	20.40		
5	QPSK	12	13	20.36	20.40	20.28		
5	QPSK	25	0	20.31	20.59	20.50		
5	16QAM	1	0	20.69	20.56	20.72	21.5	0
5	16QAM	1	12	20.75	20.75	20.68		
5	16QAM	1	24	20.28	20.24	20.68		
5	16QAM	12	0	20.31	20.29	20.49	21.5	0
5	16QAM	12	7	20.30	20.38	20.53		
5	16QAM	12	13	20.21	20.29	20.43		
5	16QAM	25	0	20.41	20.37	20.45		
5	64QAM	1	0	20.49	20.57	20.69	21.5	0
5	64QAM	1	12	20.77	20.72	20.72		
5	64QAM	1	24	20.58	20.28	20.37		
5	64QAM	12	0	20.35	20.45	20.53	21.5	0
5	64QAM	12	7	20.32	20.47	20.51		
5	64QAM	12	13	20.30	20.31	20.39		
5	64QAM	25	0	20.27	20.45	20.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.26	20.80	20.44	21.5	0
3	QPSK	1	8	20.22	20.21	20.52		
3	QPSK	1	14	20.12	20.25	20.25		
3	QPSK	8	0	20.38	20.53	20.39	21.5	0
3	QPSK	8	4	20.25	20.38	20.34		
3	QPSK	8	7	20.32	20.42	20.30		
3	QPSK	15	0	20.29	20.61	20.56		
3	16QAM	1	0	20.70	20.57	20.72	21.5	0
3	16QAM	1	8	20.75	20.73	20.59		
3	16QAM	1	14	20.22	20.28	20.68		
3	16QAM	8	0	20.39	20.23	20.39	21.5	0
3	16QAM	8	4	20.31	20.36	20.55		
3	16QAM	8	7	20.24	20.27	20.41		
3	16QAM	15	0	20.39	20.36	20.48		
3	64QAM	1	0	20.43	20.49	20.80	21.5	0
3	64QAM	1	8	20.69	20.75	20.79		
3	64QAM	1	14	20.58	20.29	20.36		
3	64QAM	8	0	20.38	20.42	20.54	21.5	0
3	64QAM	8	4	20.36	20.44	20.53		
3	64QAM	8	7	20.24	20.40	20.44		
3	64QAM	15	0	20.26	20.42	20.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.27	20.84	20.51	21.5	0
1.4	QPSK	1	3	20.26	20.20	20.51		
1.4	QPSK	1	5	20.17	20.18	20.26		
1.4	QPSK	3	0	20.33	20.62	20.45		
1.4	QPSK	3	1	20.30	20.39	20.31		
1.4	QPSK	3	3	20.27	20.41	20.29		
1.4	QPSK	6	0	20.37	20.60	20.57	21.5	0
1.4	16QAM	1	0	20.64	20.62	20.76	21.5	0
1.4	16QAM	1	3	20.73	20.83	20.66		
1.4	16QAM	1	5	20.21	20.32	20.71		
1.4	16QAM	3	0	20.30	20.26	20.47		
1.4	16QAM	3	1	20.39	20.34	20.64		
1.4	16QAM	3	3	20.22	20.26	20.39		
1.4	16QAM	6	0	20.33	20.38	20.47	21.5	0
1.4	64QAM	1	0	20.40	20.51	20.69	21.5	0
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.65	20.29	20.40		
1.4	64QAM	3	0	20.29	20.46	20.54		
1.4	64QAM	3	1	20.39	20.41	20.52		
1.4	64QAM	3	3	20.27	20.40	20.38		
1.4	64QAM	6	0	20.27	20.44	20.45	21	0.5

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.03	21.39	21.09	22	0
20	QPSK	1	49	21.00	20.87	21.01		
20	QPSK	1	99	20.75	20.89	20.76		
20	QPSK	50	0	21.06	21.07	20.99	22	0
20	QPSK	50	24	21.00	21.00	20.96		
20	QPSK	50	50	20.94	20.95	20.89		
20	QPSK	100	0	20.99	21.08	20.97		
20	16QAM	1	0	21.22	21.38	21.29	22	0
20	16QAM	1	49	21.27	21.35	21.02		
20	16QAM	1	99	21.24	21.38	21.25		
20	16QAM	50	0	20.99	21.04	20.97	22	0
20	16QAM	50	24	21.03	20.89	21.08		
20	16QAM	50	50	21.00	20.84	20.99		
20	16QAM	100	0	20.97	20.90	20.93		
20	64QAM	1	0	21.34	21.20	21.21	22	0
20	64QAM	1	49	20.78	21.01	20.51		
20	64QAM	1	99	21.06	21.29	20.85		
20	64QAM	50	0	20.40	20.55	20.53	21.5	0.5
20	64QAM	50	24	20.57	20.35	20.60		
20	64QAM	50	50	20.39	20.49	20.44		
20	64QAM	100	0	20.57	20.37	20.48		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.89	21.34	21.00	22	0
15	QPSK	1	37	20.95	20.76	20.89		
15	QPSK	1	74	20.65	20.73	20.67		
15	QPSK	36	0	20.97	20.94	20.85	22	0
15	QPSK	36	20	20.90	20.90	20.84		
15	QPSK	36	39	20.81	20.89	20.74		
15	QPSK	75	0	20.84	21.01	20.85		
15	16QAM	1	0	21.11	21.33	21.21	22	0
15	16QAM	1	37	21.20	21.30	20.87		
15	16QAM	1	74	21.12	21.25	21.09		
15	16QAM	36	0	20.83	20.92	20.85	22	0
15	16QAM	36	20	20.89	20.82	20.99		
15	16QAM	36	39	20.87	20.71	20.94		
15	16QAM	75	0	20.83	20.76	20.84		
15	64QAM	1	0	21.23	21.06	21.07	22	0
15	64QAM	1	37	20.70	20.94	20.46		
15	64QAM	1	74	20.96	21.18	20.77		
15	64QAM	36	0	20.29	20.46	20.41	21.5	0.5
15	64QAM	36	20	20.47	20.30	20.54		
15	64QAM	36	39	20.32	20.44	20.33		
15	64QAM	75	0	20.45	20.29	20.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.96	21.31	20.95	22	0
10	QPSK	1	25	20.91	20.80	20.90		
10	QPSK	1	49	20.59	20.82	20.60		
10	QPSK	25	0	20.93	21.02	20.89	22	0
10	QPSK	25	12	20.91	20.89	20.80		
10	QPSK	25	25	20.82	20.89	20.84		
10	QPSK	50	0	20.85	21.02	20.81		
10	16QAM	1	0	21.13	21.31	21.24	22	0
10	16QAM	1	25	21.14	21.23	20.92		
10	16QAM	1	49	21.16	21.26	21.16		
10	16QAM	25	0	20.92	20.94	20.90	22	0
10	16QAM	25	12	20.95	20.81	20.94		
10	16QAM	25	25	20.93	20.71	20.90		
10	16QAM	50	0	20.91	20.78	20.88		
10	64QAM	1	0	21.26	21.04	21.06	22	0
10	64QAM	1	25	20.62	20.92	20.43		
10	64QAM	1	49	20.95	21.18	20.79		
10	64QAM	25	0	20.33	20.47	20.43	21.5	0.5
10	64QAM	25	12	20.51	20.26	20.50		
10	64QAM	25	25	20.33	20.40	20.29		
10	64QAM	50	0	20.50	20.30	20.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.97	21.31	20.95	22	0
5	QPSK	1	12	20.92	20.76	20.92		
5	QPSK	1	24	20.65	20.81	20.70		
5	QPSK	12	0	20.90	20.95	20.83	22	0
5	QPSK	12	7	20.93	20.95	20.88		
5	QPSK	12	13	20.87	20.85	20.74		
5	QPSK	25	0	20.84	20.96	20.81		
5	16QAM	1	0	21.15	21.29	21.13	22	0
5	16QAM	1	12	21.11	21.24	20.90		
5	16QAM	1	24	21.16	21.29	21.10		
5	16QAM	12	0	20.84	20.93	20.87	22	0
5	16QAM	12	7	20.87	20.82	21.01		
5	16QAM	12	13	20.91	20.74	20.85		
5	16QAM	25	0	20.86	20.85	20.83		
5	64QAM	1	0	21.28	21.12	21.08	22	0
5	64QAM	1	12	20.73	20.91	20.46		
5	64QAM	1	24	20.92	21.15	20.80		
5	64QAM	12	0	20.33	20.42	20.42	21.5	0.5
5	64QAM	12	7	20.51	20.24	20.49		
5	64QAM	12	13	20.24	20.34	20.37		
5	64QAM	25	0	20.41	20.30	20.37		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.94	21.25	20.95	22	0
3	QPSK	1	8	20.84	20.81	20.90		
3	QPSK	1	14	20.61	20.76	20.71		
3	QPSK	8	0	20.97	20.93	20.92	22	0
3	QPSK	8	4	20.89	20.94	20.80		
3	QPSK	8	7	20.84	20.84	20.75		
3	QPSK	15	0	20.94	21.01	20.92		
3	16QAM	1	0	21.16	21.32	21.22	22	0
3	16QAM	1	8	21.22	21.20	20.86		
3	16QAM	1	14	21.17	21.26	21.15		
3	16QAM	8	0	20.88	20.99	20.88	22	0
3	16QAM	8	4	20.98	20.75	20.96		
3	16QAM	8	7	20.86	20.69	20.92		
3	16QAM	15	0	20.86	20.77	20.77		
3	64QAM	1	0	21.20	21.11	21.16	22	0
3	64QAM	1	8	20.62	20.91	20.41		
3	64QAM	1	14	21.01	21.14	20.70		
3	64QAM	8	0	20.27	20.44	20.39	21.5	0.5
3	64QAM	8	4	20.51	20.23	20.46		
3	64QAM	8	7	20.23	20.38	20.32		
3	64QAM	15	0	20.49	20.28	20.34		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.91	21.24	21.03	22	0
1.4	QPSK	1	3	20.88	20.71	20.95		
1.4	QPSK	1	5	20.70	20.80	20.60		
1.4	QPSK	3	0	20.98	20.99	20.83		
1.4	QPSK	3	1	20.90	20.91	20.90		
1.4	QPSK	3	3	20.81	20.88	20.82		
1.4	QPSK	6	0	20.90	20.96	20.82	22	0
1.4	16QAM	1	0	21.08	21.24	21.15	22	0
1.4	16QAM	1	3	21.13	21.29	20.86		
1.4	16QAM	1	5	21.18	21.30	21.12		
1.4	16QAM	3	0	20.86	20.97	20.90		
1.4	16QAM	3	1	20.97	20.77	20.93		
1.4	16QAM	3	3	20.87	20.70	20.84		
1.4	16QAM	6	0	20.89	20.84	20.87	22	0
1.4	64QAM	1	0	21.22	21.10	21.10	22	0
1.4	64QAM	1	3	20.67	20.89	20.37		
1.4	64QAM	1	5	20.94	21.20	20.77		
1.4	64QAM	3	0	20.34	20.50	20.38		
1.4	64QAM	3	1	20.41	20.23	20.45		
1.4	64QAM	3	3	20.27	20.33	20.37		
1.4	64QAM	6	0	20.49	20.22	20.42	21.5	0.5

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.80	20.99	20.95	21.5	0
20	QPSK	1	49	20.53	20.56	20.52		
20	QPSK	1	99	20.44	20.68	20.59		
20	QPSK	50	0	20.65	20.88	20.79	21.5	0
20	QPSK	50	24	20.64	20.57	20.70		
20	QPSK	50	50	20.56	20.63	20.66		
20	QPSK	100	0	20.60	20.72	20.63		
20	16QAM	1	0	20.71	20.65	20.58	21.5	0
20	16QAM	1	49	20.75	20.64	20.18		
20	16QAM	1	99	20.48	20.46	20.46		
20	16QAM	50	0	20.38	20.32	20.45	21.5	0
20	16QAM	50	24	20.27	20.37	20.43		
20	16QAM	50	50	20.21	20.33	20.39		
20	16QAM	100	0	20.34	20.38	20.37		
20	64QAM	1	0	20.47	20.51	20.70	21.5	0
20	64QAM	1	49	20.36	20.69	20.87		
20	64QAM	1	99	20.41	20.40	20.39		
20	64QAM	50	0	20.24	20.27	20.41	21.5	0
20	64QAM	50	24	20.41	20.25	20.36		
20	64QAM	50	50	20.17	20.30	20.28		
20	64QAM	100	0	20.29	20.39	20.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.72	20.87	20.79	21.5	0
15	QPSK	1	37	20.37	20.48	20.46		
15	QPSK	1	74	20.35	20.52	20.45		
15	QPSK	36	0	20.53	20.83	20.74	21.5	0
15	QPSK	36	20	20.55	20.49	20.64		
15	QPSK	36	39	20.51	20.53	20.52		
15	QPSK	75	0	20.49	20.58	20.50		
15	16QAM	1	0	20.59	20.52	20.52	21.5	0
15	16QAM	1	37	20.59	20.50	20.07		
15	16QAM	1	74	20.34	20.41	20.35		
15	16QAM	36	0	20.22	20.26	20.33	21.5	0
15	16QAM	36	20	20.13	20.23	20.32		
15	16QAM	36	39	20.13	20.24	20.27		
15	16QAM	75	0	20.21	20.32	20.22		
15	64QAM	1	0	20.31	20.44	20.61	21.5	0
15	64QAM	1	37	20.28	20.58	20.77		
15	64QAM	1	74	20.26	20.27	20.31		
15	64QAM	36	0	20.14	20.15	20.26	21.5	0
15	64QAM	36	20	20.32	20.15	20.29		
15	64QAM	36	39	20.01	20.23	20.22		
15	64QAM	75	0	20.22	20.33	20.28		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.71	20.86	20.88	21.5	0
10	QPSK	1	25	20.44	20.51	20.47		
10	QPSK	1	49	20.30	20.60	20.52		
10	QPSK	25	0	20.60	20.80	20.74	21.5	0
10	QPSK	25	12	20.51	20.43	20.59		
10	QPSK	25	25	20.47	20.58	20.53		
10	QPSK	50	0	20.48	20.60	20.52		
10	16QAM	1	0	20.60	20.57	20.53	21.5	0
10	16QAM	1	25	20.59	20.51	20.07		
10	16QAM	1	49	20.39	20.34	20.41		
10	16QAM	25	0	20.26	20.23	20.31	21.5	0
10	16QAM	25	12	20.19	20.24	20.34		
10	16QAM	25	25	20.12	20.25	20.30		
10	16QAM	50	0	20.18	20.30	20.25		
10	64QAM	1	0	20.35	20.41	20.55	21.5	0
10	64QAM	1	25	20.22	20.56	20.76		
10	64QAM	1	49	20.34	20.34	20.29		
10	64QAM	25	0	20.13	20.13	20.36	21.5	0
10	64QAM	25	12	20.31	20.19	20.23		
10	64QAM	25	25	20.03	20.17	20.15		
10	64QAM	50	0	20.23	20.27	20.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.65	20.92	20.80	21.5	0
5	QPSK	1	12	20.37	20.49	20.47		
5	QPSK	1	24	20.33	20.61	20.47		
5	QPSK	12	0	20.55	20.75	20.72	21.5	0
5	QPSK	12	7	20.51	20.50	20.55		
5	QPSK	12	13	20.42	20.53	20.59		
5	QPSK	25	0	20.51	20.62	20.51		
5	16QAM	1	0	20.65	20.51	20.50	21.5	0
5	16QAM	1	12	20.70	20.55	20.02		
5	16QAM	1	24	20.37	20.36	20.38		
5	16QAM	12	0	20.24	20.21	20.32	21.5	0
5	16QAM	12	7	20.17	20.27	20.34		
5	16QAM	12	13	20.12	20.17	20.23		
5	16QAM	25	0	20.20	20.25	20.22		
5	64QAM	1	0	20.34	20.42	20.58	21.5	0
5	64QAM	1	12	20.23	20.58	20.73		
5	64QAM	1	24	20.26	20.26	20.27		
5	64QAM	12	0	20.12	20.17	20.27	21.5	0
5	64QAM	12	7	20.32	20.20	20.26		
5	64QAM	12	13	20.04	20.15	20.15		
5	64QAM	25	0	20.13	20.29	20.26		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.71	20.94	20.89	21.5	0
3	QPSK	1	8	20.39	20.43	20.37		
3	QPSK	1	14	20.37	20.53	20.51		
3	QPSK	8	0	20.55	20.80	20.70	21.5	0
3	QPSK	8	4	20.51	20.43	20.56		
3	QPSK	8	7	20.41	20.58	20.57		
3	QPSK	15	0	20.45	20.67	20.54		
3	16QAM	1	0	20.66	20.56	20.53	21.5	0
3	16QAM	1	8	20.61	20.49	20.02		
3	16QAM	1	14	20.32	20.31	20.34		
3	16QAM	8	0	20.31	20.17	20.35	21.5	0
3	16QAM	8	4	20.17	20.29	20.29		
3	16QAM	8	7	20.07	20.24	20.26		
3	16QAM	15	0	20.25	20.28	20.21		
3	64QAM	1	0	20.38	20.42	20.58	21.5	0
3	64QAM	1	8	20.29	20.56	20.79		
3	64QAM	1	14	20.33	20.35	20.26		
3	64QAM	8	0	20.12	20.17	20.36	21.5	0
3	64QAM	8	4	20.27	20.11	20.20		
3	64QAM	8	7	20.02	20.15	20.15		
3	64QAM	15	0	20.13	20.33	20.32		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.71	20.85	20.79	21.5	0
1.4	QPSK	1	3	20.46	20.44	20.47		
1.4	QPSK	1	5	20.33	20.53	20.48		
1.4	QPSK	3	0	20.60	20.82	20.64		
1.4	QPSK	3	1	20.52	20.49	20.57		
1.4	QPSK	3	3	20.51	20.54	20.57		
1.4	QPSK	6	0	20.55	20.58	20.53	21.5	0
1.4	16QAM	1	0	20.64	20.58	20.42	21.5	0
1.4	16QAM	1	3	20.67	20.52	20.05		
1.4	16QAM	1	5	20.39	20.31	20.41		
1.4	16QAM	3	0	20.27	20.20	20.32		
1.4	16QAM	3	1	20.16	20.28	20.36		
1.4	16QAM	3	3	20.08	20.23	20.32		
1.4	16QAM	6	0	20.21	20.32	20.31	21.5	0
1.4	64QAM	1	0	20.33	20.36	20.60	21.5	0
1.4	64QAM	1	3	20.25	20.55	20.82		
1.4	64QAM	1	5	20.29	20.30	20.30		
1.4	64QAM	3	0	20.09	20.22	20.25		
1.4	64QAM	3	1	20.35	20.19	20.23		
1.4	64QAM	3	3	20.03	20.23	20.22		
1.4	64QAM	6	0	20.22	20.28	20.31	21	0.5

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.31	19.54	19.39	20.5	0
20	QPSK	1	49	19.25	19.34	19.38		
20	QPSK	1	99	19.23	19.20	19.23		
20	QPSK	50	0	19.45	19.48	19.42	20.5	0
20	QPSK	50	24	19.40	19.28	19.37		
20	QPSK	50	50	19.26	19.38	19.22		
20	QPSK	100	0	19.35	19.45	19.42		
20	16QAM	1	0	19.05	19.23	19.36	20.5	0
20	16QAM	1	49	18.82	19.36	19.04		
20	16QAM	1	99	18.83	18.58	19.22		
20	16QAM	50	0	18.93	19.02	18.96	20.5	0
20	16QAM	50	24	19.02	18.91	19.01		
20	16QAM	50	50	18.99	18.99	18.90		
20	16QAM	100	0	18.95	18.88	19.00		
20	64QAM	1	0	18.96	19.37	19.27	20.5	0
20	64QAM	1	49	19.20	19.03	19.09		
20	64QAM	1	99	19.21	19.10	19.45		
20	64QAM	50	0	18.85	18.95	18.96	20.5	0
20	64QAM	50	24	19.05	18.89	19.07		
20	64QAM	50	50	18.85	18.84	18.92		
20	64QAM	100	0	18.99	18.87	18.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.23	19.45	19.24	20.5	0
15	QPSK	1	37	19.19	19.22	19.32		
15	QPSK	1	74	19.17	19.13	19.18		
15	QPSK	36	0	19.40	19.42	19.30	20.5	0
15	QPSK	36	20	19.30	19.13	19.29		
15	QPSK	36	39	19.11	19.23	19.07		
15	QPSK	75	0	19.24	19.39	19.30		
15	16QAM	1	0	18.96	19.11	19.29	20.5	0
15	16QAM	1	37	18.74	19.31	18.90		
15	16QAM	1	74	18.52	18.53	19.13		
15	16QAM	36	0	18.84	18.88	18.83	20.5	0
15	16QAM	36	20	18.96	18.75	18.95		
15	16QAM	36	39	18.93	18.89	18.80		
15	16QAM	75	0	18.82	18.77	18.85		
15	64QAM	1	0	18.86	19.29	19.12	20.5	0
15	64QAM	1	37	19.06	18.90	18.99		
15	64QAM	1	74	19.13	19.03	19.38		
15	64QAM	36	0	18.78	18.85	18.81	20.5	0
15	64QAM	36	20	18.92	18.73	19.01		
15	64QAM	36	39	18.78	18.78	18.77		
15	64QAM	75	0	18.88	18.72	18.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.22	19.42	19.29	20.5	0
10	QPSK	1	25	19.10	19.27	19.26		
10	QPSK	1	49	19.15	19.15	19.17		
10	QPSK	25	0	19.39	19.32	19.31	20.5	0
10	QPSK	25	12	19.28	19.23	19.23		
10	QPSK	25	25	19.11	19.22	19.13		
10	QPSK	50	0	19.19	19.29	19.28		
10	16QAM	1	0	18.96	19.14	19.29	20.5	0
10	16QAM	1	25	18.75	19.28	18.96		
10	16QAM	1	49	18.55	18.56	19.11		
10	16QAM	25	0	18.81	18.92	18.86	20.5	0
10	16QAM	25	12	18.93	18.82	18.90		
10	16QAM	25	25	18.90	18.85	18.78		
10	16QAM	50	0	18.81	18.73	18.94		
10	64QAM	1	0	18.81	19.29	19.11	20.5	0
10	64QAM	1	25	19.15	18.88	18.98		
10	64QAM	1	49	19.10	19.03	19.33		
10	64QAM	25	0	18.80	18.80	18.89	20.5	0
10	64QAM	25	12	18.96	18.73	18.98		
10	64QAM	25	25	18.74	18.77	18.78		
10	64QAM	50	0	18.92	18.72	18.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.24	19.46	19.31	20.5	0
5	QPSK	1	12	19.15	19.28	19.25		
5	QPSK	1	24	19.07	19.11	19.11		
5	QPSK	12	0	19.35	19.42	19.27	20.5	0
5	QPSK	12	7	19.32	19.20	19.27		
5	QPSK	12	13	19.13	19.32	19.11		
5	QPSK	25	0	19.20	19.35	19.28		
5	16QAM	1	0	18.97	19.17	19.31	20.5	0
5	16QAM	1	12	18.72	19.30	18.98		
5	16QAM	1	24	18.56	18.53	19.11		
5	16QAM	12	0	18.88	18.94	18.87	20.5	0
5	16QAM	12	7	18.87	18.83	18.91		
5	16QAM	12	13	18.87	18.91	18.85		
5	16QAM	25	0	18.79	18.81	18.93		
5	64QAM	1	0	18.85	19.27	19.19	20.5	0
5	64QAM	1	12	19.08	18.89	18.94		
5	64QAM	1	24	19.06	18.99	19.31		
5	64QAM	12	0	18.77	18.83	18.80	20.5	0
5	64QAM	12	7	18.94	18.75	18.94		
5	64QAM	12	13	18.71	18.75	18.84		
5	64QAM	25	0	18.90	18.74	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.22	19.41	19.32	20.5	0
3	QPSK	1	8	19.12	19.24	19.22		
3	QPSK	1	14	19.18	19.14	19.15		
3	QPSK	8	0	19.39	19.32	19.35	20.5	0
3	QPSK	8	4	19.35	19.18	19.22		
3	QPSK	8	7	19.15	19.27	19.10		
3	QPSK	15	0	19.20	19.40	19.36		
3	16QAM	1	0	18.90	19.17	19.24	20.5	0
3	16QAM	1	8	18.70	19.26	18.95		
3	16QAM	1	14	18.59	18.53	19.08		
3	16QAM	8	0	18.88	18.87	18.82	20.5	0
3	16QAM	8	4	18.91	18.80	18.86		
3	16QAM	8	7	18.85	18.89	18.83		
3	16QAM	15	0	18.82	18.72	18.91		
3	64QAM	1	0	18.83	19.21	19.20	20.5	0
3	64QAM	1	8	19.15	18.96	18.96		
3	64QAM	1	14	19.08	19.00	19.29		
3	64QAM	8	0	18.72	18.81	18.85	20.5	0
3	64QAM	8	4	18.98	18.79	18.97		
3	64QAM	8	7	18.70	18.69	18.86		
3	64QAM	15	0	18.93	18.79	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.23	19.45	19.23	20.5	0
1.4	QPSK	1	3	19.10	19.22	19.22		
1.4	QPSK	1	5	19.11	19.05	19.12		
1.4	QPSK	3	0	19.33	19.39	19.34		
1.4	QPSK	3	1	19.35	19.18	19.22		
1.4	QPSK	3	3	19.12	19.22	19.08		
1.4	QPSK	6	0	19.30	19.39	19.37	20.5	0
1.4	16QAM	1	0	18.89	19.17	19.22	20.5	0
1.4	16QAM	1	3	18.76	19.25	18.98		
1.4	16QAM	1	5	18.56	18.52	19.09		
1.4	16QAM	3	0	18.86	18.95	18.83		
1.4	16QAM	3	1	18.95	18.80	18.87		
1.4	16QAM	3	3	18.93	18.94	18.76		
1.4	16QAM	6	0	18.90	18.75	18.86	20.5	0
1.4	64QAM	1	0	18.84	19.22	19.18	20.5	0
1.4	64QAM	1	3	19.10	18.95	18.99		
1.4	64QAM	1	5	19.11	19.00	19.29		
1.4	64QAM	3	0	18.71	18.85	18.87		
1.4	64QAM	3	1	18.92	18.75	18.97		
1.4	64QAM	3	3	18.78	18.71	18.85		
1.4	64QAM	6	0	18.90	18.75	18.93	20	0.5

Band 5_Ant 11

BW [MHz]	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	22.77	22.97	22.78	24	0
10	QPSK	1	25	22.63	22.66	22.70		
10	QPSK	1	49	22.55	22.43	22.44		
10	QPSK	25	0	22.76	22.77	22.75	24	0
10	QPSK	25	12	22.75	22.67	22.73		
10	QPSK	25	25	22.71	22.71	22.68		
10	QPSK	50	0	22.81	22.83	22.75		
10	16QAM	1	0	22.84	22.81	22.83	24	0
10	16QAM	1	25	22.89	22.82	22.85		
10	16QAM	1	49	22.52	22.89	22.94		
10	16QAM	25	0	21.78	21.78	21.63	23	1
10	16QAM	25	12	21.80	21.82	21.81		
10	16QAM	25	25	21.76	21.69	21.80		
10	16QAM	50	0	21.71	21.70	21.82		
10	64QAM	1	0	21.85	21.99	21.80	23	1
10	64QAM	1	25	22.10	22.03	21.68		
10	64QAM	1	49	21.71	21.60	22.10		
10	64QAM	25	0	20.68	20.68	20.71	22	2
10	64QAM	25	12	20.78	20.66	20.72		
10	64QAM	25	25	20.75	20.78	20.68		
10	64QAM	50	0	20.83	20.76	20.80		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.62	22.88	22.64	24	0
5	QPSK	1	12	22.53	22.59	22.63		
5	QPSK	1	24	22.41	22.34	22.37		
5	QPSK	12	0	22.69	22.63	22.60	24	0
5	QPSK	12	7	22.67	22.52	22.62		
5	QPSK	12	13	22.66	22.55	22.53		
5	QPSK	25	0	22.71	22.76	22.64		
5	16QAM	1	0	22.68	22.76	22.72	24	0
5	16QAM	1	12	22.83	22.68	22.78		
5	16QAM	1	24	22.39	22.82	22.82		
5	16QAM	12	0	21.70	21.63	21.50	23	1
5	16QAM	12	7	21.70	21.77	21.66		
5	16QAM	12	13	21.69	21.60	21.64		
5	16QAM	25	0	21.58	21.56	21.70		
5	64QAM	1	0	21.73	21.85	21.68	23	1
5	64QAM	1	12	21.97	21.97	21.53		
5	64QAM	1	24	21.62	21.54	21.96		
5	64QAM	12	0	20.62	20.52	20.59	22	2
5	64QAM	12	7	20.69	20.54	20.67		
5	64QAM	12	13	20.59	20.69	20.52		
5	64QAM	25	0	20.77	20.64	20.73		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.82	22.72	24	0
3	QPSK	1	8	22.49	22.56	22.57		
3	QPSK	1	14	22.40	22.37	22.37		
3	QPSK	8	0	22.61	22.70	22.64	24	0
3	QPSK	8	4	22.65	22.60	22.65		
3	QPSK	8	7	22.66	22.59	22.60		
3	QPSK	15	0	22.76	22.75	22.65		
3	16QAM	1	0	22.75	22.70	22.70	24	0
3	16QAM	1	8	22.75	22.67	22.75		
3	16QAM	1	14	22.44	22.76	22.80		
3	16QAM	8	0	21.71	21.63	21.56	23	1
3	16QAM	8	4	21.64	21.67	21.69		
3	16QAM	8	7	21.67	21.64	21.65		
3	16QAM	15	0	21.62	21.57	21.73		
3	64QAM	1	0	21.73	21.91	21.73	23	1
3	64QAM	1	8	22.01	21.98	21.52		
3	64QAM	1	14	21.61	21.48	21.97		
3	64QAM	8	0	20.60	20.61	20.58	22	2
3	64QAM	8	4	20.68	20.60	20.59		
3	64QAM	8	7	20.64	20.73	20.57		
3	64QAM	15	0	20.71	20.61	20.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.65	22.92	22.66	24	0
1.4	QPSK	1	3	22.48	22.56	22.54		
1.4	QPSK	1	5	22.44	22.29	22.33		
1.4	QPSK	3	0	22.60	22.67	22.59		
1.4	QPSK	3	1	22.60	22.57	22.62		
1.4	QPSK	3	3	22.62	22.55	22.61		
1.4	QPSK	6	0	22.76	22.76	22.66	24	0
1.4	16QAM	1	0	22.77	22.72	22.74	24	0
1.4	16QAM	1	3	22.80	22.68	22.70		
1.4	16QAM	1	5	22.47	22.84	22.85		
1.4	16QAM	3	0	22.67	22.60	22.63		
1.4	16QAM	3	1	22.75	22.54	22.58		
1.4	16QAM	3	3	22.40	22.69	22.77		
1.4	16QAM	6	0	21.62	21.54	21.76	23	1
1.4	64QAM	1	0	21.71	21.85	21.71	23	1
1.4	64QAM	1	3	22.02	21.87	21.58		
1.4	64QAM	1	5	21.66	21.54	21.94		
1.4	64QAM	3	0	21.59	21.77	21.66		
1.4	64QAM	3	1	21.93	21.72	21.43		
1.4	64QAM	3	3	21.55	21.41	21.86		
1.4	64QAM	6	0	20.70	20.63	20.66	22	2

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.36	22.65	22.37	23	0
20	QPSK	1	49	22.11	22.34	22.36		
20	QPSK	1	99	22.30	22.47	22.21		
20	QPSK	50	0	22.27	22.59	22.36	23	0
20	QPSK	50	24	22.22	22.44	22.29		
20	QPSK	50	50	22.26	22.53	22.30		
20	QPSK	100	0	22.27	22.44	22.38		
20	16QAM	1	0	22.50	22.51	22.30	23	0
20	16QAM	1	49	22.48	22.57	22.57		
20	16QAM	1	99	22.56	22.63	22.53		
20	16QAM	50	0	21.19	21.47	21.44	22	1
20	16QAM	50	24	21.28	21.32	21.44		
20	16QAM	50	50	21.19	21.40	21.61		
20	16QAM	100	0	21.30	21.32	21.48		
20	64QAM	1	0	21.43	21.22	21.38	22	1
20	64QAM	1	49	21.40	21.18	21.46		
20	64QAM	1	99	21.24	21.76	21.74		
20	64QAM	50	0	20.13	20.43	20.43	21	2
20	64QAM	50	24	20.39	20.40	20.46		
20	64QAM	50	50	20.30	20.55	20.43		
20	64QAM	100	0	20.34	20.42	20.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.27	22.49	22.23	23	0
15	QPSK	1	37	22.03	22.26	22.30		
15	QPSK	1	74	22.15	22.39	22.11		
15	QPSK	36	0	22.20	22.47	22.28	23	0
15	QPSK	36	20	22.08	22.32	22.23		
15	QPSK	36	39	22.19	22.38	22.18		
15	QPSK	75	0	22.13	22.39	22.22		
15	16QAM	1	0	22.44	22.44	22.16	23	0
15	16QAM	1	37	22.42	22.44	22.45		
15	16QAM	1	74	22.42	22.54	22.45		
15	16QAM	36	0	21.14	21.32	21.35	22	1
15	16QAM	36	20	21.14	21.24	21.31		
15	16QAM	36	39	21.09	21.29	21.47		
15	16QAM	75	0	21.16	21.20	21.35		
15	64QAM	1	0	21.35	21.10	21.26	22	1
15	64QAM	1	37	21.31	21.05	21.41		
15	64QAM	1	74	21.09	21.68	21.66		
15	64QAM	36	0	20.06	20.30	20.34	21	2
15	64QAM	36	20	20.27	20.26	20.36		
15	64QAM	36	39	20.20	20.44	20.35		
15	64QAM	75	0	20.21	20.36	20.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.26	22.57	22.21	23	0
10	QPSK	1	25	22.04	22.29	22.21		
10	QPSK	1	49	22.21	22.42	22.07		
10	QPSK	25	0	22.15	22.48	22.22	23	0
10	QPSK	25	12	22.06	22.34	22.21		
10	QPSK	25	25	22.10	22.37	22.18		
10	QPSK	50	0	22.17	22.28	22.33		
10	16QAM	1	0	22.34	22.45	22.20	23	0
10	16QAM	1	25	22.40	22.51	22.50		
10	16QAM	1	49	22.50	22.51	22.39		
10	16QAM	25	0	21.07	21.33	21.33	22	1
10	16QAM	25	12	21.14	21.18	21.36		
10	16QAM	25	25	21.03	21.33	21.46		
10	16QAM	50	0	21.21	21.16	21.42		
10	64QAM	1	0	21.27	21.08	21.22	22	1
10	64QAM	1	25	21.24	21.12	21.39		
10	64QAM	1	49	21.08	21.60	21.68		
10	64QAM	25	0	19.99	20.27	20.37	21	2
10	64QAM	25	12	20.27	20.26	20.31		
10	64QAM	25	25	20.25	20.48	20.33		
10	64QAM	50	0	20.28	20.34	20.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.24	22.51	22.24	23	0
5	QPSK	1	12	22.05	22.20	22.20		
5	QPSK	1	24	22.20	22.33	22.14		
5	QPSK	12	0	22.19	22.44	22.24	23	0
5	QPSK	12	7	22.16	22.32	22.14		
5	QPSK	12	13	22.19	22.48	22.17		
5	QPSK	25	0	22.17	22.35	22.30		
5	16QAM	1	0	22.40	22.37	22.18	23	0
5	16QAM	1	12	22.32	22.50	22.50		
5	16QAM	1	24	22.48	22.57	22.45		
5	16QAM	12	0	21.08	21.32	21.37	22	1
5	16QAM	12	7	21.12	21.22	21.29		
5	16QAM	12	13	21.07	21.27	21.53		
5	16QAM	25	0	21.25	21.21	21.38		
5	64QAM	1	0	21.27	21.15	21.26	22	1
5	64QAM	1	12	21.25	21.07	21.36		
5	64QAM	1	24	21.13	21.65	21.59		
5	64QAM	12	0	20.03	20.37	20.30	21	2
5	64QAM	12	7	20.33	20.27	20.37		
5	64QAM	12	13	20.25	20.47	20.36		
5	64QAM	25	0	20.22	20.31	20.23		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.36	21.45	21.27	22	0
20	QPSK	1	49	21.34	21.33	21.13		
20	QPSK	1	99	20.95	21.08	21.19		
20	QPSK	50	0	21.29	21.37	21.28	22	0
20	QPSK	50	24	21.26	21.25	21.24		
20	QPSK	50	50	21.25	21.31	21.25		
20	QPSK	100	0	21.32	21.36	21.22		
20	16QAM	1	0	21.37	21.37	21.28	22	0
20	16QAM	1	49	21.12	21.42	21.20		
20	16QAM	1	99	21.00	21.27	21.04		
20	16QAM	50	0	21.20	21.14	21.16	22	0
20	16QAM	50	24	21.20	21.19	21.12		
20	16QAM	50	50	21.28	21.33	21.37		
20	16QAM	100	0	21.23	21.20	21.09		
20	64QAM	1	0	21.21	21.36	21.20	22	0
20	64QAM	1	49	21.10	21.37	21.16		
20	64QAM	1	99	21.15	20.79	21.24		
20	64QAM	50	0	21.20	21.24	21.21	22	0
20	64QAM	50	24	21.31	21.34	21.29		
20	64QAM	50	50	21.30	21.36	21.25		
20	64QAM	100	0	21.28	21.24	21.21		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.25	21.29	21.11	22	0
15	QPSK	1	37	21.18	21.21	21.02		
15	QPSK	1	74	20.89	20.96	21.11		
15	QPSK	36	0	21.20	21.21	21.23	22	0
15	QPSK	36	20	21.12	21.17	21.17		
15	QPSK	36	39	21.12	21.19	21.15		
15	QPSK	75	0	21.19	21.23	21.16		
15	16QAM	1	0	21.26	21.30	21.20	22	0
15	16QAM	1	37	21.01	21.36	21.11		
15	16QAM	1	74	20.85	21.22	20.88		
15	16QAM	36	0	21.05	21.01	21.09	22	0
15	16QAM	36	20	21.04	21.13	21.03		
15	16QAM	36	39	21.16	21.25	21.27		
15	16QAM	75	0	21.14	21.04	21.03		
15	64QAM	1	0	21.05	21.24	21.11	22	0
15	64QAM	1	37	20.96	21.25	21.06		
15	64QAM	1	74	21.09	20.74	21.10		
15	64QAM	36	0	21.15	21.18	21.14	22	0
15	64QAM	36	20	21.15	21.23	21.23		
15	64QAM	36	39	21.17	21.23	21.17		
15	64QAM	75	0	21.21	21.12	21.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.22	21.29	21.11	22	0
10	QPSK	1	25	21.26	21.21	21.04		
10	QPSK	1	49	20.81	20.93	21.05		
10	QPSK	25	0	21.13	21.31	21.17	22	0
10	QPSK	25	12	21.19	21.11	21.17		
10	QPSK	25	25	21.15	21.23	21.20		
10	QPSK	50	0	21.17	21.28	21.17		
10	16QAM	1	0	21.27	21.28	21.16	22	0
10	16QAM	1	25	21.02	21.28	21.09		
10	16QAM	1	49	20.93	21.14	20.93		
10	16QAM	25	0	21.09	21.05	21.11	22	0
10	16QAM	25	12	21.09	21.03	21.02		
10	16QAM	25	25	21.13	21.27	21.28		
10	16QAM	50	0	21.13	21.12	20.98		
10	64QAM	1	0	21.11	21.25	21.14	22	0
10	64QAM	1	25	20.94	21.32	21.02		
10	64QAM	1	49	21.10	20.69	21.13		
10	64QAM	25	0	21.14	21.17	21.09	22	0
10	64QAM	25	12	21.15	21.28	21.15		
10	64QAM	25	25	21.22	21.22	21.12		
10	64QAM	50	0	21.13	21.17	21.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.29	21.32	21.14	22	0
5	QPSK	1	12	21.29	21.17	21.01		
5	QPSK	1	24	20.87	21.00	21.06		
5	QPSK	12	0	21.16	21.22	21.22	22	0
5	QPSK	12	7	21.21	21.11	21.10		
5	QPSK	12	13	21.13	21.23	21.19		
5	QPSK	25	0	21.17	21.22	21.16		
5	16QAM	1	0	21.25	21.32	21.12	22	0
5	16QAM	1	12	21.01	21.28	21.10		
5	16QAM	1	24	20.94	21.21	20.93		
5	16QAM	12	0	21.09	21.09	21.08	22	0
5	16QAM	12	7	21.14	21.13	21.00		
5	16QAM	12	13	21.20	21.22	21.31		
5	16QAM	25	0	21.18	21.15	20.97		
5	64QAM	1	0	21.07	21.31	21.11	22	0
5	64QAM	1	12	20.96	21.31	21.00		
5	64QAM	1	24	21.00	20.72	21.14		
5	64QAM	12	0	21.12	21.16	21.06	22	0
5	64QAM	12	7	21.16	21.20	21.22		
5	64QAM	12	13	21.15	21.21	21.20		
5	64QAM	25	0	21.23	21.13	21.10		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.54	20.82	20.66	21.5	0
20	QPSK	1	49	20.48	20.38	20.62		
20	QPSK	1	99	20.39	20.50	20.62		
20	QPSK	50	0	20.44	20.71	20.67	21.5	0
20	QPSK	50	24	20.38	20.55	20.60		
20	QPSK	50	50	20.43	20.63	20.60		
20	QPSK	100	0	20.37	20.57	20.48		
20	16QAM	1	0	20.51	20.52	20.69	21.5	0
20	16QAM	1	49	20.56	20.75	20.76		
20	16QAM	1	99	20.73	20.57	20.71		
20	16QAM	50	0	20.32	20.48	20.66	21.5	0
20	16QAM	50	24	20.44	20.59	20.62		
20	16QAM	50	50	20.48	20.69	20.73		
20	16QAM	100	0	20.32	20.52	20.62		
20	64QAM	1	0	20.45	20.80	20.76	21.5	0
20	64QAM	1	49	20.20	20.62	20.74		
20	64QAM	1	99	20.17	20.39	20.38		
20	64QAM	50	0	19.75	20.06	20.16	21	0.5
20	64QAM	50	24	19.92	19.95	20.14		
20	64QAM	50	50	19.98	20.10	20.15		
20	64QAM	100	0	19.84	20.02	20.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.41	20.71	20.52	21.5	0
15	QPSK	1	37	20.43	20.22	20.46		
15	QPSK	1	74	20.33	20.39	20.47		
15	QPSK	36	0	20.35	20.59	20.56	21.5	0
15	QPSK	36	20	20.22	20.45	20.50		
15	QPSK	36	39	20.30	20.55	20.46		
15	QPSK	75	0	20.29	20.42	20.33		
15	16QAM	1	0	20.35	20.43	20.60	21.5	0
15	16QAM	1	37	20.46	20.64	20.65		
15	16QAM	1	74	20.58	20.45	20.55		
15	16QAM	36	0	20.26	20.42	20.56	21.5	0
15	16QAM	36	20	20.35	20.53	20.52		
15	16QAM	36	39	20.32	20.63	20.65		
15	16QAM	75	0	20.27	20.39	20.48		
15	64QAM	1	0	20.29	20.73	20.62	21.5	0
15	64QAM	1	37	20.06	20.57	20.62		
15	64QAM	1	74	20.03	20.29	20.22		
15	64QAM	36	0	19.67	20.01	20.05	21	0.5
15	64QAM	36	20	19.79	19.86	20.08		
15	64QAM	36	39	19.93	20.04	20.10		
15	64QAM	75	0	19.79	19.86	19.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.39	20.72	20.61	21.5	0
10	QPSK	1	25	20.33	20.27	20.46		
10	QPSK	1	49	20.25	20.37	20.50		
10	QPSK	25	0	20.38	20.55	20.59	21.5	0
10	QPSK	25	12	20.27	20.40	20.44		
10	QPSK	25	25	20.34	20.50	20.50		
10	QPSK	50	0	20.27	20.43	20.37		
10	16QAM	1	0	20.43	20.38	20.60	21.5	0
10	16QAM	1	25	20.46	20.67	20.65		
10	16QAM	1	49	20.60	20.46	20.61		
10	16QAM	25	0	20.23	20.38	20.54	21.5	0
10	16QAM	25	12	20.31	20.48	20.50		
10	16QAM	25	25	20.33	20.62	20.58		
10	16QAM	50	0	20.25	20.43	20.54		
10	64QAM	1	0	20.32	20.64	20.61	21.5	0
10	64QAM	1	25	20.05	20.51	20.69		
10	64QAM	1	49	20.04	20.33	20.27		
10	64QAM	25	0	19.61	19.90	20.06	21	0.5
10	64QAM	25	12	19.80	19.80	20.03		
10	64QAM	25	25	19.88	20.03	20.09		
10	64QAM	50	0	19.71	19.88	19.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.41	20.66	20.61	21.5	0
5	QPSK	1	12	20.42	20.29	20.47		
5	QPSK	1	24	20.28	20.34	20.49		
5	QPSK	12	0	20.31	20.65	20.55	21.5	0
5	QPSK	12	7	20.28	20.47	20.54		
5	QPSK	12	13	20.33	20.57	20.50		
5	QPSK	25	0	20.24	20.51	20.40		
5	16QAM	1	0	20.37	20.42	20.53	21.5	0
5	16QAM	1	12	20.42	20.59	20.63		
5	16QAM	1	24	20.57	20.48	20.64		
5	16QAM	12	0	20.21	20.34	20.51	21.5	0
5	16QAM	12	7	20.31	20.48	20.54		
5	16QAM	12	13	20.32	20.54	20.68		
5	16QAM	25	0	20.25	20.46	20.57		
5	64QAM	1	0	20.33	20.70	20.64	21.5	0
5	64QAM	1	12	20.08	20.48	20.67		
5	64QAM	1	24	20.11	20.32	20.26		
5	64QAM	12	0	19.62	19.92	20.03	21	0.5
5	64QAM	12	7	19.76	19.89	20.04		
5	64QAM	12	13	19.82	20.04	20.07		
5	64QAM	25	0	19.76	19.90	20.00		

Band 12_Ant 11

BW [MHz]	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	23.43	23.63	23.52	25	0
10	QPSK	1	25	23.51	23.61	23.56		
10	QPSK	1	49	23.50	23.38	23.53		
10	QPSK	25	0	22.50	22.66	22.54	24	1
10	QPSK	25	12	22.65	22.49	22.50		
10	QPSK	25	25	22.51	22.48	22.63		
10	QPSK	50	0	22.53	22.64	22.63		
10	16QAM	1	0	22.96	22.88	23.07	24	1
10	16QAM	1	25	23.07	22.94	22.97		
10	16QAM	1	49	23.14	22.96	23.01		
10	16QAM	25	0	21.72	21.66	21.67	23	2
10	16QAM	25	12	21.76	21.70	21.69		
10	16QAM	25	25	21.58	21.72	21.58		
10	16QAM	50	0	21.76	21.58	21.73		
10	64QAM	1	0	21.83	21.75	21.89	23	2
10	64QAM	1	25	21.82	21.84	21.90		
10	64QAM	1	49	21.75	21.85	22.02		
10	64QAM	25	0	20.57	20.53	20.62	22	3
10	64QAM	25	12	20.83	20.62	20.69		
10	64QAM	25	25	20.66	20.56	20.70		
10	64QAM	50	0	20.64	20.54	20.67		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.58	23.48	25	0
5	QPSK	1	12	23.51	23.48	23.44		
5	QPSK	1	24	23.34	23.52	23.34		
5	QPSK	12	0	22.50	22.54	22.51	24	1
5	QPSK	12	7	22.59	22.61	22.55		
5	QPSK	12	13	22.59	22.54	22.50		
5	QPSK	25	0	22.57	22.50	22.60		
5	16QAM	1	0	23.04	22.84	22.77	24	1
5	16QAM	1	12	23.02	22.85	22.76		
5	16QAM	1	24	22.99	22.96	22.52		
5	16QAM	12	0	21.65	21.60	21.62	23	2
5	16QAM	12	7	21.51	21.73	21.64		
5	16QAM	12	13	21.63	21.68	21.62		
5	16QAM	25	0	21.67	21.66	21.72		
5	64QAM	1	0	22.16	21.61	21.85	23	2
5	64QAM	1	12	21.91	21.90	21.64		
5	64QAM	1	24	22.12	22.06	21.56		
5	64QAM	12	0	20.45	20.68	20.45	22	3
5	64QAM	12	7	20.89	20.77	20.70		
5	64QAM	12	13	20.61	20.80	20.63		
5	64QAM	25	0	20.68	20.62	20.62		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.32	23.44	23.50	25	0
3	QPSK	1	8	23.36	23.52	23.53		
3	QPSK	1	14	23.34	23.34	23.38		
3	QPSK	8	0	22.60	22.52	22.54	24	1
3	QPSK	8	4	22.58	22.57	22.55		
3	QPSK	8	7	22.57	22.49	22.50		
3	QPSK	15	0	22.52	22.46	22.43		
3	16QAM	1	0	23.13	22.87	22.84	24	1
3	16QAM	1	8	22.70	23.17	23.05		
3	16QAM	1	14	23.30	22.91	22.84		
3	16QAM	8	0	21.74	21.54	21.77	23	2
3	16QAM	8	4	21.68	21.82	21.80		
3	16QAM	8	7	21.71	21.70	21.88		
3	16QAM	15	0	21.75	21.53	21.52		
3	64QAM	1	0	21.66	21.85	21.88	23	2
3	64QAM	1	8	22.02	22.08	21.84		
3	64QAM	1	14	21.72	21.64	21.75		
3	64QAM	8	0	20.81	20.65	20.60	22	3
3	64QAM	8	4	20.81	20.70	20.53		
3	64QAM	8	7	20.65	20.70	20.53		
3	64QAM	15	0	20.73	20.55	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.45	23.56	23.50	25	0
1.4	QPSK	1	3	23.54	23.39	23.58		
1.4	QPSK	1	5	23.41	23.46	23.47		
1.4	QPSK	3	0	23.41	23.47	23.43		
1.4	QPSK	3	1	23.40	23.43	23.51		
1.4	QPSK	3	3	23.45	23.48	23.43		
1.4	QPSK	6	0	22.48	22.41	22.51	24	1
1.4	16QAM	1	0	22.84	23.04	23.00	24	1
1.4	16QAM	1	3	22.72	22.78	23.17		
1.4	16QAM	1	5	22.87	22.70	23.23		
1.4	16QAM	3	0	22.66	22.96	22.72		
1.4	16QAM	3	1	22.69	22.46	22.98		
1.4	16QAM	3	3	22.63	22.60	22.56		
1.4	16QAM	6	0	21.73	21.66	21.68	23	2
1.4	64QAM	1	0	21.48	21.85	21.64	23	2
1.4	64QAM	1	3	21.59	21.71	21.91		
1.4	64QAM	1	5	21.77	21.62	21.94		
1.4	64QAM	3	0	21.77	21.76	21.51		
1.4	64QAM	3	1	21.56	21.74	21.64		
1.4	64QAM	3	3	21.55	21.87	21.52		
1.4	64QAM	6	0	20.51	20.52	20.48	22	3

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		23.77		25	0
10	QPSK	1	25		23.67			
10	QPSK	1	49		23.58			
10	QPSK	25	0		22.71		24	1
10	QPSK	25	12		22.68			
10	QPSK	25	25		22.60			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.98			
10	16QAM	1	49		22.99			
10	16QAM	25	0		21.59		23	2
10	16QAM	25	12		21.76			
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.73			
10	64QAM	1	0		21.77		23	2
10	64QAM	1	25		22.09			
10	64QAM	1	49		22.06			
10	64QAM	25	0		20.83		22	3
10	64QAM	25	12		20.75			
10	64QAM	25	25		20.67			
10	64QAM	50	0		20.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.65	23.66	23.67	25	0
5	QPSK	1	12	23.74	23.70	23.72		
5	QPSK	1	24	23.64	23.68	23.69		
5	QPSK	12	0	22.62	22.60	22.67	24	1
5	QPSK	12	7	22.74	22.67	22.82		
5	QPSK	12	13	22.82	22.72	22.64		
5	QPSK	25	0	22.75	22.66	22.63		
5	16QAM	1	0	23.24	23.02	23.16	24	1
5	16QAM	1	12	23.17	23.08	23.11		
5	16QAM	1	24	23.12	23.06	23.15		
5	16QAM	12	0	21.60	21.73	21.76	23	2
5	16QAM	12	7	21.73	21.83	21.75		
5	16QAM	12	13	21.74	21.63	21.61		
5	16QAM	25	0	21.81	21.58	21.68		
5	64QAM	1	0	22.11	21.91	21.73	23	2
5	64QAM	1	12	21.65	22.12	22.01		
5	64QAM	1	24	21.90	21.75	21.97		
5	64QAM	12	0	20.61	20.61	20.78	22	3
5	64QAM	12	7	20.69	20.82	20.81		
5	64QAM	12	13	20.71	20.68	20.77		
5	64QAM	25	0	20.67	20.66	20.70		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.54	23.62	23.52	25	0
10	QPSK	1	25	23.60	23.54	23.51		
10	QPSK	1	49	23.55	23.44	23.58		
10	QPSK	25	0	22.65	22.77	22.59	24	1
10	QPSK	25	12	22.74	22.69	22.64		
10	QPSK	25	25	22.60	22.66	22.68		
10	QPSK	50	0	22.73	22.74	22.69		
10	16QAM	1	0	22.61	22.54	23.09	24	1
10	16QAM	1	25	22.57	22.75	23.28		
10	16QAM	1	49	22.91	22.71	23.04		
10	16QAM	25	0	21.60	21.62	21.63	23	2
10	16QAM	25	12	21.75	21.57	21.72		
10	16QAM	25	25	21.54	21.62	21.56		
10	16QAM	50	0	21.67	21.66	21.55		
10	64QAM	1	0	21.67	21.85	21.60	23	2
10	64QAM	1	25	22.20	21.75	21.71		
10	64QAM	1	49	21.65	21.79	21.71		
10	64QAM	25	0	20.65	20.52	20.56	22	3
10	64QAM	25	12	20.82	20.68	20.75		
10	64QAM	25	25	20.59	20.79	20.53		
10	64QAM	50	0	20.68	20.51	20.63		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.60	23.61	23.56	25	0
5	QPSK	1	12	23.60	23.61	23.58		
5	QPSK	1	24	23.58	23.50	23.46		
5	QPSK	12	0	22.60	22.69	22.63	24	1
5	QPSK	12	7	22.63	22.61	22.68		
5	QPSK	12	13	22.57	22.63	22.63		
5	QPSK	25	0	22.62	22.54	22.56		
5	16QAM	1	0	22.91	23.08	22.72	24	1
5	16QAM	1	12	22.97	22.90	23.00		
5	16QAM	1	24	22.77	22.71	22.69		
5	16QAM	12	0	21.54	21.63	21.52	23	2
5	16QAM	12	7	21.85	21.66	21.69		
5	16QAM	12	13	21.73	21.55	21.72		
5	16QAM	25	0	21.66	21.60	21.52		
5	64QAM	1	0	21.96	21.94	21.78	23	2
5	64QAM	1	12	21.81	21.77	21.74		
5	64QAM	1	24	21.58	21.23	21.88		
5	64QAM	12	0	20.58	20.73	20.78	22	3
5	64QAM	12	7	20.55	20.70	20.71		
5	64QAM	12	13	20.59	20.53	20.62		
5	64QAM	25	0	20.67	20.59	20.57		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		22.79		24	0
15	QPSK	1	37		22.63			
15	QPSK	1	74		22.46			
15	QPSK	36	0		22.69		24	0
15	QPSK	36	20		22.68			
15	QPSK	36	39		22.55			
15	QPSK	75	0		22.52			
15	16QAM	1	0		22.69		24	0
15	16QAM	1	37		22.77			
15	16QAM	1	74		22.76			
15	16QAM	36	0		21.48		23	1
15	16QAM	36	20		21.73			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.58			
15	64QAM	1	0		21.80		23	1
15	64QAM	1	37		21.83			
15	64QAM	1	74		21.90			
15	64QAM	36	0		20.64		22	2
15	64QAM	36	20		20.67			
15	64QAM	36	39		20.63			
15	64QAM	75	0		20.63			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	22.72	22.69	22.66	24	0
10	QPSK	1	25	22.58	22.49	22.57		
10	QPSK	1	49	22.35	22.33	22.41		
10	QPSK	25	0	22.56	22.55	22.62	24	0
10	QPSK	25	12	22.58	22.61	22.60		
10	QPSK	25	25	22.47	22.40	22.49		
10	QPSK	50	0	22.42	22.43	22.44		
10	16QAM	1	0	22.58	22.63	22.59	24	0
10	16QAM	1	25	22.68	22.66	22.64		
10	16QAM	1	49	22.62	22.66	22.67		
10	16QAM	25	0	21.36	21.41	21.34	23	1
10	16QAM	25	12	21.57	21.62	21.65		
10	16QAM	25	25	21.50	21.44	21.43		
10	16QAM	50	0	21.47	21.42	21.46		
10	64QAM	1	0	21.74	21.70	21.64	23	1
10	64QAM	1	25	21.68	21.71	21.69		
10	64QAM	1	49	21.79	21.80	21.74		
10	64QAM	25	0	20.57	20.55	20.51	22	2
10	64QAM	25	12	20.62	20.62	20.54		
10	64QAM	25	25	20.47	20.50	20.48		
10	64QAM	50	0	20.57	20.55	20.54		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	22.70	22.65	22.70	24	0
5	QPSK	1	12	22.49	22.54	22.53		
5	QPSK	1	24	22.37	22.32	22.39		
5	QPSK	12	0	22.56	22.60	22.56	24	0
5	QPSK	12	7	22.63	22.52	22.61		
5	QPSK	12	13	22.46	22.48	22.45		
5	QPSK	25	0	22.45	22.39	22.37		
5	16QAM	1	0	22.60	22.60	22.54	24	0
5	16QAM	1	12	22.67	22.67	22.62		
5	16QAM	1	24	22.71	22.66	22.67		
5	16QAM	12	0	21.40	21.32	21.35	23	1
5	16QAM	12	7	21.68	21.58	21.67		
5	16QAM	12	13	21.43	21.44	21.52		
5	16QAM	25	0	21.49	21.42	21.51		
5	64QAM	1	0	21.73	21.75	21.74	23	1
5	64QAM	1	12	21.67	21.72	21.67		
5	64QAM	1	24	21.75	21.83	21.76		
5	64QAM	12	0	20.50	20.57	20.55	22	2
5	64QAM	12	7	20.54	20.59	20.61		
5	64QAM	12	13	20.56	20.55	20.47		
5	64QAM	25	0	20.47	20.49	20.58		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.86		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.56			
15	QPSK	36	0		22.71		24	1
15	QPSK	36	20		22.66			
15	QPSK	36	39		22.60			
15	QPSK	75	0		22.54			
15	16QAM	1	0		22.89		24	1
15	16QAM	1	37		22.69			
15	16QAM	1	74		22.91			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.76			
15	16QAM	36	39		21.76			
15	16QAM	75	0		21.55			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		21.93			
15	64QAM	1	74		21.99			
15	64QAM	36	0		20.77		22	3
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.68			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.75	23.62	23.69	25	0
10	QPSK	1	25	23.75	23.63	23.68		
10	QPSK	1	49	23.62	23.67	23.55		
10	QPSK	25	0	22.72	22.73	22.67	24	1
10	QPSK	25	12	22.86	22.67	22.82		
10	QPSK	25	25	22.85	22.75	22.73		
10	QPSK	50	0	22.79	22.71	22.82		
10	16QAM	1	0	23.12	23.01	23.13	24	1
10	16QAM	1	25	23.02	22.95	23.20		
10	16QAM	1	49	23.44	23.18	23.20		
10	16QAM	25	0	21.72	21.77	21.65	23	2
10	16QAM	25	12	21.81	21.75	21.80		
10	16QAM	25	25	21.71	21.75	21.81		
10	16QAM	50	0	21.70	21.84	21.74		
10	64QAM	1	0	21.89	21.52	22.16	23	2
10	64QAM	1	25	21.89	21.83	21.96		
10	64QAM	1	49	21.60	21.39	22.28		
10	64QAM	25	0	20.77	20.60	20.66	22	3
10	64QAM	25	12	20.80	20.77	20.83		
10	64QAM	25	25	20.76	20.83	20.74		
10	64QAM	50	0	20.75	20.70	20.84		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.61	23.68	23.70	25	0
5	QPSK	1	12	23.84	23.80	23.76		
5	QPSK	1	24	23.75	23.63	23.61		
5	QPSK	12	0	22.65	22.61	22.71	24	1
5	QPSK	12	7	22.75	22.78	22.74		
5	QPSK	12	13	22.74	22.70	22.71		
5	QPSK	25	0	22.67	22.66	22.62		
5	16QAM	1	0	22.89	23.36	23.13	24	1
5	16QAM	1	12	23.11	23.32	23.22		
5	16QAM	1	24	23.03	22.94	23.09		
5	16QAM	12	0	21.67	21.62	21.70	23	2
5	16QAM	12	7	21.84	21.78	21.80		
5	16QAM	12	13	21.72	21.82	21.74		
5	16QAM	25	0	21.72	21.70	21.66		
5	64QAM	1	0	22.16	21.98	22.18	23	2
5	64QAM	1	12	21.96	21.89	22.00		
5	64QAM	1	24	21.74	22.21	22.37		
5	64QAM	12	0	20.59	20.73	20.61	22	3
5	64QAM	12	7	20.72	20.87	20.89		
5	64QAM	12	13	20.73	20.80	20.72		
5	64QAM	25	0	20.65	20.77	20.70		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		22.73		24	0
15	QPSK	1	37		22.47			
15	QPSK	1	74		22.31			
15	QPSK	36	0		22.61		24	0
15	QPSK	36	20		22.46			
15	QPSK	36	39		22.57			
15	QPSK	75	0		22.47			
15	16QAM	1	0		22.61		24	0
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.62			
15	16QAM	36	0		21.59		23	1
15	16QAM	36	20		21.60			
15	16QAM	36	39		21.67			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.49		23	1
15	64QAM	1	37		21.68			
15	64QAM	1	74		21.44			
15	64QAM	36	0		20.49		22	2
15	64QAM	36	20		20.44			
15	64QAM	36	39		20.57			
15	64QAM	75	0		20.38			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	22.61	22.67	22.64	24	0
10	QPSK	1	25	22.31	22.40	22.37		
10	QPSK	1	49	22.22	22.22	22.16		
10	QPSK	25	0	22.53	22.46	22.53	24	0
10	QPSK	25	12	22.30	22.31	22.37		
10	QPSK	25	25	22.45	22.44	22.46		
10	QPSK	50	0	22.36	22.36	22.33		
10	16QAM	1	0	22.51	22.51	22.50	24	0
10	16QAM	1	25	22.62	22.63	22.54		
10	16QAM	1	49	22.47	22.53	22.52		
10	16QAM	25	0	21.47	21.53	21.48	23	1
10	16QAM	25	12	21.52	21.45	21.51		
10	16QAM	25	25	21.59	21.56	21.54		
10	16QAM	50	0	21.53	21.56	21.47		
10	64QAM	1	0	21.35	21.39	21.33	23	1
10	64QAM	1	25	21.52	21.57	21.62		
10	64QAM	1	49	21.31	21.31	21.28		
10	64QAM	25	0	20.35	20.43	20.44	22	2
10	64QAM	25	12	20.34	20.35	20.31		
10	64QAM	25	25	20.41	20.50	20.41		
10	64QAM	50	0	20.33	20.29	20.23		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	22.61	22.58	22.65	24	0
5	QPSK	1	12	22.31	22.33	22.37		
5	QPSK	1	24	22.22	22.23	22.15		
5	QPSK	12	0	22.56	22.52	22.54	24	0
5	QPSK	12	7	22.37	22.36	22.32		
5	QPSK	12	13	22.44	22.43	22.44		
5	QPSK	25	0	22.36	22.32	22.31		
5	16QAM	1	0	22.46	22.49	22.48	24	0
5	16QAM	1	12	22.54	22.62	22.61		
5	16QAM	1	24	22.49	22.52	22.56		
5	16QAM	12	0	21.53	21.54	21.49	23	1
5	16QAM	12	7	21.46	21.48	21.44		
5	16QAM	12	13	21.56	21.52	21.53		
5	16QAM	25	0	21.56	21.47	21.45		
5	64QAM	1	0	21.41	21.33	21.43	23	1
5	64QAM	1	12	21.56	21.56	21.58		
5	64QAM	1	24	21.39	21.31	21.36		
5	64QAM	12	0	20.33	20.43	20.40	22	2
5	64QAM	12	7	20.34	20.29	20.39		
5	64QAM	12	13	20.44	20.48	20.48		
5	64QAM	25	0	20.25	20.33	20.22		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.70		25	0
15	QPSK	1	37		23.50			
15	QPSK	1	74		23.34			
15	QPSK	36	0		22.64		24	1
15	QPSK	36	20		22.51			
15	QPSK	36	39		22.63			
15	QPSK	75	0		22.52			
15	16QAM	1	0		23.00		24	1
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.81			
15	16QAM	36	0		21.56		23	2
15	16QAM	36	20		21.67			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.87		23	2
15	64QAM	1	37		21.46			
15	64QAM	1	74		21.18			
15	64QAM	36	0		20.51		22	3
15	64QAM	36	20		20.62			
15	64QAM	36	39		20.61			
15	64QAM	75	0		20.43			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.62	23.65	23.53	25	0
10	QPSK	1	25	23.54	23.63	23.62		
10	QPSK	1	49	23.60	23.57	23.53		
10	QPSK	25	0	22.76	22.68	22.71	24	1
10	QPSK	25	12	22.78	22.66	22.74		
10	QPSK	25	25	22.85	22.79	22.79		
10	QPSK	50	0	22.76	22.71	22.70		
10	16QAM	1	0	23.27	23.44	23.15	24	1
10	16QAM	1	25	23.18	23.29	22.80		
10	16QAM	1	49	23.01	23.03	23.01		
10	16QAM	25	0	21.73	21.80	21.70	23	2
10	16QAM	25	12	21.82	21.83	21.68		
10	16QAM	25	25	21.88	21.72	21.77		
10	16QAM	50	0	21.76	21.70	21.62		
10	64QAM	1	0	22.25	22.07	21.16	23	2
10	64QAM	1	25	22.10	22.22	21.71		
10	64QAM	1	49	21.62	21.95	21.48		
10	64QAM	25	0	20.65	20.69	20.64	22	3
10	64QAM	25	12	20.78	20.75	20.68		
10	64QAM	25	25	20.86	20.78	20.79		
10	64QAM	50	0	20.78	20.67	20.71		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.60	23.55	23.64	25	0
5	QPSK	1	12	23.67	23.69	23.61		
5	QPSK	1	24	23.61	23.65	23.62		
5	QPSK	12	0	22.63	22.70	22.66	24	1
5	QPSK	12	7	22.79	22.83	22.78		
5	QPSK	12	13	22.63	22.72	22.71		
5	QPSK	25	0	22.68	22.75	22.72		
5	16QAM	1	0	22.88	22.44	22.96	24	1
5	16QAM	1	12	22.55	23.22	22.88		
5	16QAM	1	24	22.62	22.98	22.56		
5	16QAM	12	0	21.74	21.73	21.68	23	2
5	16QAM	12	7	21.78	21.91	21.93		
5	16QAM	12	13	21.67	21.87	21.82		
5	16QAM	25	0	21.71	21.67	21.73		
5	64QAM	1	0	21.80	21.69	21.86	23	2
5	64QAM	1	12	22.25	22.13	22.08		
5	64QAM	1	24	21.77	21.62	22.11		
5	64QAM	12	0	20.68	20.68	20.59	22	3
5	64QAM	12	7	20.75	20.68	20.88		
5	64QAM	12	13	20.69	20.63	20.77		
5	64QAM	25	0	20.71	20.67	20.67		

Band 26_Ant 11

BW [MHz]	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	22.49	22.55	22.46	24	0
15	QPSK	1	37	22.41	22.51	22.38		
15	QPSK	1	74	22.36	22.39	22.44		
15	QPSK	36	0	21.60	21.63	21.58	23	1
15	QPSK	36	20	21.58	21.58	21.48		
15	QPSK	36	39	21.52	21.62	21.40		
15	QPSK	75	0	21.64	21.65	21.52		
15	16QAM	1	0	21.68	21.99	21.80	23	1
15	16QAM	1	37	22.06	21.73	22.05		
15	16QAM	1	74	21.67	21.48	21.87		
15	16QAM	36	0	20.60	20.65	20.49	22	2
15	16QAM	36	20	20.71	20.48	20.46		
15	16QAM	36	39	20.54	20.76	20.65		
15	16QAM	75	0	20.63	20.59	20.53		
15	64QAM	1	0	20.48	20.68	20.61	22	2
15	64QAM	1	37	20.69	21.03	20.87		
15	64QAM	1	74	20.44	20.78	20.64		
15	64QAM	36	0	19.71	19.55	19.55	21	3
15	64QAM	36	20	19.60	19.59	19.41		
15	64QAM	36	39	19.64	19.59	19.42		
15	64QAM	75	0	19.63	19.64	19.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.41	22.41	24	0
10	QPSK	1	25	22.41	22.41	22.46		
10	QPSK	1	49	22.49	22.36	22.25		
10	QPSK	25	0	21.72	21.71	21.56	23	1
10	QPSK	25	12	21.72	21.71	21.62		
10	QPSK	25	25	21.80	21.71	21.63		
10	QPSK	50	0	21.71	21.77	21.65		
10	16QAM	1	0	22.03	22.03	22.35	23	1
10	16QAM	1	25	21.80	22.35	22.12		
10	16QAM	1	49	21.96	22.35	22.23		
10	16QAM	25	0	20.58	20.75	20.68	22	2
10	16QAM	25	12	20.67	20.66	20.66		
10	16QAM	25	25	20.71	20.77	20.77		
10	16QAM	50	0	20.78	20.73	20.60		
10	64QAM	1	0	20.60	20.86	20.82	22	2
10	64QAM	1	25	20.67	21.04	20.82		
10	64QAM	1	49	20.85	20.91	20.59		
10	64QAM	25	0	19.64	19.70	19.62	21	3
10	64QAM	25	12	19.75	19.68	19.54		
10	64QAM	25	25	19.71	19.66	19.56		
10	64QAM	50	0	19.66	19.63	19.58		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.45	22.40	24	0
5	QPSK	1	12	22.49	22.45	22.53		
5	QPSK	1	24	22.33	22.29	22.34		
5	QPSK	12	0	21.69	21.66	21.51	23	1
5	QPSK	12	7	21.76	21.69	21.68		
5	QPSK	12	13	21.76	21.72	21.61		
5	QPSK	25	0	21.66	21.62	21.61		
5	16QAM	1	0	22.09	22.04	22.16	23	1
5	16QAM	1	12	21.86	22.24	22.16		
5	16QAM	1	24	22.07	22.01	21.89		
5	16QAM	12	0	20.73	20.61	20.49	22	2
5	16QAM	12	7	20.83	20.74	20.60		
5	16QAM	12	13	20.62	20.81	20.70		
5	16QAM	25	0	20.65	20.66	20.60		
5	64QAM	1	0	21.16	20.70	20.89	22	2
5	64QAM	1	12	20.85	20.90	20.71		
5	64QAM	1	24	21.13	21.05	20.93		
5	64QAM	12	0	19.54	19.63	19.57	21	3
5	64QAM	12	7	19.76	19.59	19.84		
5	64QAM	12	13	19.77	19.58	19.66		
5	64QAM	25	0	19.77	19.60	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.28	22.18	24	0
3	QPSK	1	8	22.40	22.52	22.24		
3	QPSK	1	14	22.46	22.33	22.17		
3	QPSK	8	0	21.65	21.60	21.53	23	1
3	QPSK	8	4	21.73	21.76	21.61		
3	QPSK	8	7	21.64	21.74	21.53		
3	QPSK	15	0	21.60	21.71	21.55		
3	16QAM	1	0	22.14	22.01	22.11	23	1
3	16QAM	1	8	22.35	21.92	21.88		
3	16QAM	1	14	21.96	22.15	21.95		
3	16QAM	8	0	20.97	20.53	20.58	22	2
3	16QAM	8	4	20.82	20.89	20.73		
3	16QAM	8	7	20.81	20.73	20.55		
3	16QAM	15	0	20.62	20.69	20.56		
3	64QAM	1	0	21.03	21.11	20.69	22	2
3	64QAM	1	8	20.66	21.27	20.95		
3	64QAM	1	14	20.72	20.90	20.92		
3	64QAM	8	0	19.63	19.75	19.48	21	3
3	64QAM	8	4	19.84	19.86	19.70		
3	64QAM	8	7	19.72	19.74	19.51		
3	64QAM	15	0	19.79	19.64	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.38	22.41	22.41	24	0
1.4	QPSK	1	3	22.42	22.43	22.31		
1.4	QPSK	1	5	22.38	22.51	22.40		
1.4	QPSK	3	0	22.50	22.43	22.41		
1.4	QPSK	3	1	22.47	22.37	22.36		
1.4	QPSK	3	3	22.40	22.49	22.32		
1.4	QPSK	6	0	21.67	21.58	21.56	23	1
1.4	16QAM	1	0	21.95	21.98	21.80	23	1
1.4	16QAM	1	3	21.43	22.09	21.79		
1.4	16QAM	1	5	22.07	21.73	21.78		
1.4	16QAM	3	0	21.83	21.76	21.62		
1.4	16QAM	3	1	21.96	21.79	21.57		
1.4	16QAM	3	3	21.78	21.80	21.63		
1.4	16QAM	6	0	20.65	20.64	20.63	22	2
1.4	64QAM	1	0	20.24	20.37	20.67	22	2
1.4	64QAM	1	3	20.89	20.76	20.66		
1.4	64QAM	1	5	20.83	20.67	20.77		
1.4	64QAM	3	0	20.75	20.52	20.64		
1.4	64QAM	3	1	20.76	20.74	20.70		
1.4	64QAM	3	3	20.68	20.84	20.75		
1.4	64QAM	6	0	19.64	19.58	19.45	21	3

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.16	21.32	21.07	22	0
20	QPSK	1	49	21.15	21.01	21.02		
20	QPSK	1	99	20.89	20.78	20.66		
20	QPSK	50	0	21.19	21.25	20.80	22	0
20	QPSK	50	24	21.15	20.84	20.77		
20	QPSK	50	50	21.04	20.83	20.75		
20	QPSK	100	0	21.14	21.18	20.79		
20	16QAM	1	0	20.67	20.76	21.30	22	0
20	16QAM	1	49	21.07	21.07	20.79		
20	16QAM	1	99	21.12	21.09	20.51		
20	16QAM	50	0	21.10	20.86	20.67	22	0
20	16QAM	50	24	21.04	20.96	20.67		
20	16QAM	50	50	21.04	20.79	20.71		
20	16QAM	100	0	21.04	20.81	20.80		
20	64QAM	1	0	20.82	21.08	20.90	22	0
20	64QAM	1	49	21.10	21.06	20.93		
20	64QAM	1	99	20.86	20.71	21.14		
20	64QAM	50	0	20.57	20.44	20.11	21.5	0.5
20	64QAM	50	24	20.55	20.43	20.32		
20	64QAM	50	50	20.51	20.27	20.23		
20	64QAM	100	0	20.56	20.39	20.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.11	21.27	20.94	22	0
15	QPSK	1	37	21.03	20.94	20.94		
15	QPSK	1	74	20.76	20.63	20.56		
15	QPSK	36	0	21.08	21.19	20.68	22	0
15	QPSK	36	20	21.07	20.75	20.61		
15	QPSK	36	39	20.95	20.69	20.65		
15	QPSK	75	0	21.00	21.04	20.69		
15	16QAM	1	0	20.53	20.67	21.20	22	0
15	16QAM	1	37	20.99	20.94	20.73		
15	16QAM	1	74	21.04	20.96	20.46		
15	16QAM	36	0	20.97	20.74	20.56	22	0
15	16QAM	36	20	20.92	20.86	20.60		
15	16QAM	36	39	20.96	20.69	20.62		
15	16QAM	75	0	20.98	20.70	20.67		
15	64QAM	1	0	20.67	21.02	20.76	22	0
15	64QAM	1	37	21.00	20.97	20.88		
15	64QAM	1	74	20.80	20.65	21.07		
15	64QAM	36	0	20.50	20.32	20.04	21.5	0.5
15	64QAM	36	20	20.46	20.29	20.24		
15	64QAM	36	39	20.37	20.18	20.12		
15	64QAM	75	0	20.43	20.29	20.07		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.08	21.27	21.00	22	0
10	QPSK	1	25	21.05	20.92	20.96		
10	QPSK	1	49	20.83	20.62	20.56		
10	QPSK	25	0	21.14	21.11	20.69	22	0
10	QPSK	25	12	21.09	20.71	20.66		
10	QPSK	25	25	20.89	20.76	20.59		
10	QPSK	50	0	21.09	21.03	20.71		
10	16QAM	1	0	20.61	20.60	21.23	22	0
10	16QAM	1	25	20.97	20.96	20.68		
10	16QAM	1	49	21.01	20.93	20.45		
10	16QAM	25	0	20.98	20.74	20.55	22	0
10	16QAM	25	12	20.96	20.81	20.56		
10	16QAM	25	25	20.91	20.70	20.57		
10	16QAM	50	0	20.93	20.69	20.67		
10	64QAM	1	0	20.70	20.96	20.84	22	0
10	64QAM	1	25	20.94	21.00	20.85		
10	64QAM	1	49	20.77	20.66	21.09		
10	64QAM	25	0	20.41	20.32	20.03	21.5	0.5
10	64QAM	25	12	20.49	20.36	20.22		
10	64QAM	25	25	20.42	20.20	20.14		
10	64QAM	50	0	20.48	20.27	20.06		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.06	21.17	21.00	22	0
5	QPSK	1	12	21.08	20.89	20.94		
5	QPSK	1	24	20.75	20.67	20.53		
5	QPSK	12	0	21.14	21.16	20.65	22	0
5	QPSK	12	7	21.04	20.76	20.61		
5	QPSK	12	13	20.99	20.68	20.68		
5	QPSK	25	0	21.02	21.08	20.71		
5	16QAM	1	0	20.62	20.65	21.20	22	0
5	16QAM	1	12	20.98	20.99	20.69		
5	16QAM	1	24	20.96	21.04	20.40		
5	16QAM	12	0	20.94	20.72	20.57	22	0
5	16QAM	12	7	20.89	20.83	20.62		
5	16QAM	12	13	20.93	20.69	20.61		
5	16QAM	25	0	20.90	20.74	20.73		
5	64QAM	1	0	20.68	21.02	20.84	22	0
5	64QAM	1	12	21.02	21.01	20.80		
5	64QAM	1	24	20.73	20.65	21.03		
5	64QAM	12	0	20.42	20.35	20.03	21.5	0.5
5	64QAM	12	7	20.43	20.30	20.23		
5	64QAM	12	13	20.40	20.18	20.08		
5	64QAM	25	0	20.51	20.23	20.09		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.10	21.24	20.98	22	0
3	QPSK	1	8	21.03	20.88	20.88		
3	QPSK	1	14	20.83	20.73	20.59		
3	QPSK	8	0	21.12	21.12	20.72	22	0
3	QPSK	8	4	21.04	20.77	20.63		
3	QPSK	8	7	20.90	20.70	20.69		
3	QPSK	15	0	21.09	21.05	20.74		
3	16QAM	1	0	20.53	20.64	21.19	22	0
3	16QAM	1	8	21.02	20.92	20.66		
3	16QAM	1	14	21.07	20.94	20.37		
3	16QAM	8	0	21.05	20.75	20.59	22	0
3	16QAM	8	4	20.97	20.87	20.54		
3	16QAM	8	7	20.97	20.66	20.63		
3	16QAM	15	0	20.98	20.67	20.65		
3	64QAM	1	0	20.70	20.97	20.82	22	0
3	64QAM	1	8	20.99	20.98	20.86		
3	64QAM	1	14	20.81	20.58	21.07		
3	64QAM	8	0	20.50	20.31	20.01	21.5	0.5
3	64QAM	8	4	20.43	20.32	20.20		
3	64QAM	8	7	20.35	20.22	20.16		
3	64QAM	15	0	20.42	20.24	20.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.09	21.23	20.92	22	0
1.4	QPSK	1	3	21.00	20.88	20.87		
1.4	QPSK	1	5	20.73	20.73	20.55		
1.4	QPSK	3	0	21.06	21.19	20.65		
1.4	QPSK	3	1	21.03	20.70	20.70		
1.4	QPSK	3	3	20.96	20.74	20.70		
1.4	QPSK	6	0	21.05	21.05	20.68	22	0
1.4	16QAM	1	0	20.54	20.66	21.21	22	0
1.4	16QAM	1	3	21.00	20.97	20.68		
1.4	16QAM	1	5	21.03	21.01	20.35		
1.4	16QAM	3	0	20.95	20.76	20.57		
1.4	16QAM	3	1	20.89	20.82	20.52		
1.4	16QAM	3	3	20.91	20.66	20.59		
1.4	16QAM	6	0	20.93	20.75	20.67	22	0
1.4	64QAM	1	0	20.68	20.92	20.77	22	0
1.4	64QAM	1	3	20.99	20.94	20.81		
1.4	64QAM	1	5	20.80	20.66	21.03		
1.4	64QAM	3	0	20.51	20.29	20.07		
1.4	64QAM	3	1	20.42	20.30	20.19		
1.4	64QAM	3	3	20.45	20.22	20.07		
1.4	64QAM	6	0	20.51	20.31	20.08	21.5	0.5

Band 66_Ant 31

BW [MHz]	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	21.18	21.35	21.20	22	0
20	QPSK	1	49	21.17	20.87	21.16		
20	QPSK	1	99	21.00	21.13	21.03		
20	QPSK	50	0	21.18	21.26	21.19	22	0
20	QPSK	50	24	21.04	21.10	21.16		
20	QPSK	50	50	21.13	21.09	21.08		
20	QPSK	100	0	21.08	21.16	21.13		
20	16QAM	1	0	21.26	21.27	21.30	22	0
20	16QAM	1	49	21.13	21.34	21.27		
20	16QAM	1	99	21.29	21.25	21.27		
20	16QAM	50	0	21.11	21.15	21.11	22	0
20	16QAM	50	24	21.12	21.18	21.08		
20	16QAM	50	50	21.14	21.12	20.99		
20	16QAM	100	0	21.22	21.13	21.15		
20	64QAM	1	0	21.28	21.24	21.11	22	0
20	64QAM	1	49	21.25	21.16	21.12		
20	64QAM	1	99	21.14	21.27	21.10		
20	64QAM	50	0	21.12	21.23	20.91	22	0
20	64QAM	50	24	21.02	21.13	21.22		
20	64QAM	50	50	21.09	21.14	21.01		
20	64QAM	100	0	21.14	20.98	21.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.10	21.25	21.15	22	0
15	QPSK	1	37	21.08	20.75	21.07		
15	QPSK	1	74	20.85	21.03	20.93		
15	QPSK	36	0	21.07	21.11	21.08	22	0
15	QPSK	36	20	20.88	20.96	21.03		
15	QPSK	36	39	21.05	21.02	20.92		
15	QPSK	75	0	20.95	21.10	21.07		
15	16QAM	1	0	21.19	21.22	21.23	22	0
15	16QAM	1	37	21.06	21.23	21.15		
15	16QAM	1	74	21.14	21.19	21.14		
15	16QAM	36	0	20.95	21.09	20.98	22	0
15	16QAM	36	20	21.05	21.02	20.98		
15	16QAM	36	39	20.98	20.97	20.84		
15	16QAM	75	0	21.14	21.07	21.01		
15	64QAM	1	0	21.16	21.08	21.02	22	0
15	64QAM	1	37	21.20	21.04	20.98		
15	64QAM	1	74	21.07	21.13	21.03		
15	64QAM	36	0	21.00	21.13	20.75	22	0
15	64QAM	36	20	20.91	21.00	21.08		
15	64QAM	36	39	20.98	21.08	20.95		
15	64QAM	75	0	20.99	20.86	21.03		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.05	21.21	21.04	22	0
10	QPSK	1	25	21.11	20.74	21.01		
10	QPSK	1	49	20.84	20.99	20.87		
10	QPSK	25	0	21.08	21.16	21.09	22	0
10	QPSK	25	12	20.94	21.02	21.11		
10	QPSK	25	25	20.98	20.97	20.97		
10	QPSK	50	0	20.96	21.04	21.03		
10	16QAM	1	0	21.11	21.20	21.14	22	0
10	16QAM	1	25	21.07	21.18	21.12		
10	16QAM	1	49	21.21	21.09	21.18		
10	16QAM	25	0	21.00	21.04	21.00	22	0
10	16QAM	25	12	21.06	21.13	20.93		
10	16QAM	25	25	20.98	20.98	20.94		
10	16QAM	50	0	21.16	21.04	21.10		
10	64QAM	1	0	21.14	21.10	21.03	22	0
10	64QAM	1	25	21.16	21.06	21.05		
10	64QAM	1	49	21.03	21.19	20.94		
10	64QAM	25	0	20.98	21.09	20.86	22	0
10	64QAM	25	12	20.88	21.02	21.17		
10	64QAM	25	25	20.96	20.99	20.94		
10	64QAM	50	0	21.05	20.87	20.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.07	21.26	21.15	22	0
5	QPSK	1	12	21.02	20.78	21.01		
5	QPSK	1	24	20.84	21.04	20.98		
5	QPSK	12	0	21.13	21.10	21.04	22	0
5	QPSK	12	7	20.93	20.95	21.06		
5	QPSK	12	13	21.08	21.04	21.03		
5	QPSK	25	0	20.95	21.05	21.00		
5	16QAM	1	0	21.13	21.13	21.20	22	0
5	16QAM	1	12	21.04	21.28	21.16		
5	16QAM	1	24	21.24	21.13	21.20		
5	16QAM	12	0	21.06	21.07	21.03	22	0
5	16QAM	12	7	21.02	21.13	20.99		
5	16QAM	12	13	21.07	21.05	20.90		
5	16QAM	25	0	21.14	21.02	20.99		
5	64QAM	1	0	21.18	21.14	21.04	22	0
5	64QAM	1	12	21.15	21.04	21.05		
5	64QAM	1	24	20.99	21.20	20.99		
5	64QAM	12	0	21.02	21.08	20.83	22	0
5	64QAM	12	7	20.88	21.08	21.11		
5	64QAM	12	13	21.00	20.98	20.96		
5	64QAM	25	0	20.98	20.88	21.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.08	21.24	21.04	22	0
3	QPSK	1	8	21.03	20.71	21.11		
3	QPSK	1	14	20.92	21.01	20.89		
3	QPSK	8	0	21.05	21.18	21.03	22	0
3	QPSK	8	4	20.94	20.94	21.05		
3	QPSK	8	7	21.05	20.99	20.99		
3	QPSK	15	0	21.02	21.11	21.08		
3	16QAM	1	0	21.14	21.20	21.24	22	0
3	16QAM	1	8	20.98	21.28	21.15		
3	16QAM	1	14	21.17	21.19	21.17		
3	16QAM	8	0	21.06	21.07	20.97	22	0
3	16QAM	8	4	21.00	21.05	20.94		
3	16QAM	8	7	21.06	21.01	20.93		
3	16QAM	15	0	21.06	21.02	21.05		
3	64QAM	1	0	21.21	21.17	20.98	22	0
3	64QAM	1	8	21.12	21.10	20.99		
3	64QAM	1	14	20.99	21.16	21.02		
3	64QAM	8	0	21.04	21.18	20.83	22	0
3	64QAM	8	4	20.96	21.05	21.12		
3	64QAM	8	7	20.99	21.08	20.93		
3	64QAM	15	0	21.08	20.93	20.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.03	21.21	21.15	22	0
1.4	QPSK	1	3	21.09	20.79	21.09		
1.4	QPSK	1	5	20.88	21.05	20.97		
1.4	QPSK	3	0	21.13	21.11	21.09		
1.4	QPSK	3	1	20.95	21.05	21.08		
1.4	QPSK	3	3	21.01	21.01	20.99		
1.4	QPSK	6	0	21.02	21.08	21.08	22	0
1.4	16QAM	1	0	21.17	21.11	21.23	22	0
1.4	16QAM	1	3	21.07	21.28	21.12		
1.4	16QAM	1	5	21.20	21.19	21.13		
1.4	16QAM	3	0	20.97	21.02	20.97		
1.4	16QAM	3	1	21.05	21.09	20.96		
1.4	16QAM	3	3	21.05	21.03	20.89		
1.4	16QAM	6	0	21.12	21.08	21.09	22	0
1.4	64QAM	1	0	21.21	21.08	21.03	22	0
1.4	64QAM	1	3	21.12	21.05	20.97		
1.4	64QAM	1	5	21.03	21.13	21.00		
1.4	64QAM	3	0	21.00	21.18	20.77		
1.4	64QAM	3	1	20.94	21.06	21.10		
1.4	64QAM	3	3	20.95	21.09	20.89		
1.4	64QAM	6	0	21.04	20.88	21.04	22	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.34	19.50	19.01	20.5	0
20	QPSK	1	49	19.02	19.23	18.87		
20	QPSK	1	99	19.02	18.84	18.81		
20	QPSK	50	0	19.20	19.28	18.98	20.5	0
20	QPSK	50	24	19.17	19.12	18.90		
20	QPSK	50	50	19.19	19.06	18.87		
20	QPSK	100	0	19.20	19.29	18.98		
20	16QAM	1	0	19.35	19.10	19.18	20.5	0
20	16QAM	1	49	19.16	19.25	19.10		
20	16QAM	1	99	19.19	19.41	19.06		
20	16QAM	50	0	19.29	19.17	18.85	20.5	0
20	16QAM	50	24	19.12	18.97	18.92		
20	16QAM	50	50	19.20	19.01	18.99		
20	16QAM	100	0	19.27	19.03	18.89		
20	64QAM	1	0	19.22	19.23	19.19	20.5	0
20	64QAM	1	49	19.39	19.46	19.36		
20	64QAM	1	99	19.34	19.08	18.73		
20	64QAM	50	0	19.17	19.15	18.85	20.5	0
20	64QAM	50	24	19.15	19.17	18.88		
20	64QAM	50	50	19.24	19.05	18.90		
20	64QAM	100	0	19.25	19.05	18.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.26	19.36	18.92	20.5	0
15	QPSK	1	37	18.97	19.16	18.77		
15	QPSK	1	74	18.87	18.69	18.74		
15	QPSK	36	0	19.13	19.19	18.86	20.5	0
15	QPSK	36	20	19.08	19.02	18.85		
15	QPSK	36	39	19.07	18.93	18.78		
15	QPSK	75	0	19.09	19.24	18.84		
15	16QAM	1	0	19.26	18.99	19.12	20.5	0
15	16QAM	1	37	19.09	19.18	19.05		
15	16QAM	1	74	19.09	19.31	18.98		
15	16QAM	36	0	19.21	19.10	18.74	20.5	0
15	16QAM	36	20	19.03	18.91	18.78		
15	16QAM	36	39	19.05	18.96	18.90		
15	16QAM	75	0	19.17	18.96	18.76		
15	64QAM	1	0	19.13	19.13	19.04	20.5	0
15	64QAM	1	37	19.33	19.34	19.22		
15	64QAM	1	74	19.23	19.02	18.67		
15	64QAM	36	0	19.03	19.01	18.72	20.5	0
15	64QAM	36	20	18.99	19.08	18.77		
15	64QAM	36	39	19.08	18.99	18.80		
15	64QAM	75	0	19.11	18.94	18.78		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.18	19.41	18.89	20.5	0
10	QPSK	1	25	18.88	19.07	18.80		
10	QPSK	1	49	18.89	18.71	18.71		
10	QPSK	25	0	19.15	19.15	18.82	20.5	0
10	QPSK	25	12	19.03	18.97	18.80		
10	QPSK	25	25	19.04	19.00	18.75		
10	QPSK	50	0	19.05	19.20	18.87		
10	16QAM	1	0	19.20	19.04	19.06	20.5	0
10	16QAM	1	25	19.07	19.16	19.03		
10	16QAM	1	49	19.09	19.35	18.98		
10	16QAM	25	0	19.15	19.08	18.73	20.5	0
10	16QAM	25	12	19.04	18.82	18.78		
10	16QAM	25	25	19.07	18.94	18.86		
10	16QAM	50	0	19.12	18.94	18.74		
10	64QAM	1	0	19.15	19.12	19.08	20.5	0
10	64QAM	1	25	19.24	19.30	19.25		
10	64QAM	1	49	19.26	19.02	18.60		
10	64QAM	25	0	19.01	19.02	18.74	20.5	0
10	64QAM	25	12	19.05	19.05	18.75		
10	64QAM	25	25	19.16	18.96	18.83		
10	64QAM	50	0	19.15	18.97	18.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.28	19.37	18.96	20.5	0
5	QPSK	1	12	18.90	19.14	18.78		
5	QPSK	1	24	18.93	18.71	18.73		
5	QPSK	12	0	19.10	19.12	18.86	20.5	0
5	QPSK	12	7	19.10	18.96	18.83		
5	QPSK	12	13	19.13	18.92	18.81		
5	QPSK	25	0	19.09	19.20	18.87		
5	16QAM	1	0	19.26	18.97	19.03	20.5	0
5	16QAM	1	12	19.07	19.10	18.96		
5	16QAM	1	24	19.03	19.30	18.97		
5	16QAM	12	0	19.19	19.09	18.70	20.5	0
5	16QAM	12	7	19.01	18.84	18.85		
5	16QAM	12	13	19.11	18.89	18.89		
5	16QAM	25	0	19.21	18.94	18.77		
5	64QAM	1	0	19.09	19.16	19.05	20.5	0
5	64QAM	1	12	19.30	19.32	19.27		
5	64QAM	1	24	19.25	18.94	18.64		
5	64QAM	12	0	19.12	19.06	18.79	20.5	0
5	64QAM	12	7	19.09	19.06	18.81		
5	64QAM	12	13	19.15	18.91	18.81		
5	64QAM	25	0	19.19	18.98	18.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.27	19.36	18.94	20.5	0
3	QPSK	1	8	18.91	19.09	18.82		
3	QPSK	1	14	18.95	18.79	18.71		
3	QPSK	8	0	19.11	19.21	18.83	20.5	0
3	QPSK	8	4	19.12	19.03	18.76		
3	QPSK	8	7	19.13	18.94	18.77		
3	QPSK	15	0	19.05	19.23	18.91		
3	16QAM	1	0	19.29	19.01	19.05	20.5	0
3	16QAM	1	8	19.03	19.15	19.01		
3	16QAM	1	14	19.04	19.27	18.92		
3	16QAM	8	0	19.21	19.12	18.79	20.5	0
3	16QAM	8	4	18.97	18.91	18.87		
3	16QAM	8	7	19.05	18.90	18.88		
3	16QAM	15	0	19.14	18.88	18.82		
3	64QAM	1	0	19.15	19.13	19.03	20.5	0
3	64QAM	1	8	19.26	19.31	19.29		
3	64QAM	1	14	19.25	18.98	18.67		
3	64QAM	8	0	19.10	19.09	18.72	20.5	0
3	64QAM	8	4	19.07	19.11	18.79		
3	64QAM	8	7	19.12	18.98	18.79		
3	64QAM	15	0	19.18	18.91	18.75		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.21	19.34	18.89	20.5	0
1.4	QPSK	1	3	18.91	19.18	18.76		
1.4	QPSK	1	5	18.90	18.69	18.74		
1.4	QPSK	3	0	19.13	19.18	18.89		
1.4	QPSK	3	1	19.10	19.07	18.77		
1.4	QPSK	3	3	19.13	18.97	18.77		
1.4	QPSK	6	0	19.12	19.21	18.92	20.5	0
1.4	16QAM	1	0	19.21	19.01	19.13	20.5	0
1.4	16QAM	1	3	19.06	19.13	18.94		
1.4	16QAM	1	5	19.12	19.32	18.92		
1.4	16QAM	3	0	19.15	19.01	18.73		
1.4	16QAM	3	1	19.01	18.88	18.79		
1.4	16QAM	3	3	19.11	18.95	18.87		
1.4	16QAM	6	0	19.16	18.90	18.84	20.5	0
1.4	64QAM	1	0	19.13	19.16	19.06	20.5	0
1.4	64QAM	1	3	19.32	19.34	19.20		
1.4	64QAM	1	5	19.28	18.99	18.60		
1.4	64QAM	3	0	19.10	19.02	18.72		
1.4	64QAM	3	1	19.10	19.01	18.75		
1.4	64QAM	3	3	19.15	18.97	18.85		
1.4	64QAM	6	0	19.16	18.90	18.85	20.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.94	22.96	22.89	23.7	0
20	QPSK	1	49	22.93	22.86	22.88		
20	QPSK	1	99	22.90	22.77	22.73		
20	QPSK	50	0	22.37	22.45	22.36	23.2	0.5
20	QPSK	50	24	22.36	22.31	22.34		
20	QPSK	50	50	21.99	21.90	21.76		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	22.17	22.10	21.98	23.2	0.5
20	16QAM	1	49	22.42	22.29	22.24		
20	16QAM	1	99	22.08	22.32	22.03		
20	16QAM	50	0	20.91	20.88	20.75	22.2	1.5
20	16QAM	50	24	21.07	20.97	20.92		
20	16QAM	50	50	21.02	20.99	20.92		
20	16QAM	100	0	21.01	20.95	20.86		
20	64QAM	1	0	21.18	20.82	21.21	22.2	1.5
20	64QAM	1	49	21.25	21.30	20.98		
20	64QAM	1	99	21.61	21.00	21.01		
20	64QAM	50	0	19.88	19.88	19.78	21.2	2.5
20	64QAM	50	24	19.99	19.92	19.86		
20	64QAM	50	50	20.08	20.06	19.87		
20	64QAM	100	0	19.96	19.76	19.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.80	22.83	22.77	23.7	0
15	QPSK	1	37	22.81	22.79	22.78		
15	QPSK	1	74	22.74	22.63	22.57		
15	QPSK	36	0	22.79	22.81	22.73	23.2	0.5
15	QPSK	36	20	22.79	22.69	22.79		
15	QPSK	36	39	21.83	21.82	21.63		
15	QPSK	75	0	21.88	21.89	21.90		
15	16QAM	1	0	22.03	22.04	21.83	23.2	0.5
15	16QAM	1	37	22.31	22.13	22.17		
15	16QAM	1	74	21.93	22.23	21.87		
15	16QAM	36	0	20.85	20.72	20.62	22.2	1.5
15	16QAM	36	20	21.02	20.87	20.77		
15	16QAM	36	39	20.95	20.87	20.78		
15	16QAM	75	0	20.96	20.85	20.80		
15	64QAM	1	0	21.12	20.76	21.12	22.2	1.5
15	64QAM	1	37	21.16	21.17	20.90		
15	64QAM	1	74	21.48	20.91	20.91		
15	64QAM	36	0	19.80	19.80	19.66	21.2	2.5
15	64QAM	36	20	19.92	19.83	19.79		
15	64QAM	36	39	20.00	19.93	19.72		
15	64QAM	75	0	19.87	19.67	19.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.89	22.82	22.75	23.7	0
10	QPSK	1	25	22.81	22.81	22.82		
10	QPSK	1	49	22.85	22.62	22.66		
10	QPSK	25	0	22.79	22.79	22.73	23.2	0.5
10	QPSK	25	12	22.77	22.76	22.70		
10	QPSK	25	25	21.90	21.75	21.60		
10	QPSK	50	0	21.91	21.91	21.83		
10	16QAM	1	0	22.08	22.02	21.87	23.2	0.5
10	16QAM	1	25	22.28	22.24	22.08		
10	16QAM	1	49	22.03	22.27	21.96		
10	16QAM	25	0	20.78	20.73	20.63	22.2	1.5
10	16QAM	25	12	21.01	20.87	20.83		
10	16QAM	25	25	20.92	20.86	20.77		
10	16QAM	50	0	20.92	20.84	20.81		
10	64QAM	1	0	21.11	20.70	21.07	22.2	1.5
10	64QAM	1	25	21.11	21.15	20.82		
10	64QAM	1	49	21.46	20.89	20.93		
10	64QAM	25	0	19.75	19.76	19.70	21.2	2.5
10	64QAM	25	12	19.91	19.80	19.70		
10	64QAM	25	25	19.92	19.93	19.71		
10	64QAM	50	0	19.83	19.66	19.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.89	22.80	22.76	23.7	0
5	QPSK	1	12	22.78	22.75	22.76		
5	QPSK	1	24	22.79	22.70	22.60		
5	QPSK	12	0	22.82	22.87	22.78	23.2	0.5
5	QPSK	12	7	22.76	22.66	22.75		
5	QPSK	12	13	21.91	21.78	21.71		
5	QPSK	25	0	21.86	21.93	21.82		
5	16QAM	1	0	22.08	22.03	21.91	23.2	0.5
5	16QAM	1	12	22.36	22.16	22.13		
5	16QAM	1	24	21.95	22.23	21.88		
5	16QAM	12	0	20.77	20.74	20.66	22.2	1.5
5	16QAM	12	7	21.02	20.87	20.84		
5	16QAM	12	13	20.91	20.83	20.78		
5	16QAM	25	0	20.96	20.86	20.78		
5	64QAM	1	0	21.11	20.70	21.07	22.2	1.5
5	64QAM	1	12	21.10	21.22	20.90		
5	64QAM	1	24	21.54	20.95	20.91		
5	64QAM	12	0	19.72	19.82	19.71	21.2	2.5
5	64QAM	12	7	19.88	19.83	19.76		
5	64QAM	12	13	19.94	20.01	19.75		
5	64QAM	25	0	19.81	19.62	19.84		

Band 38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.65	22.99	22.92	24	0
20	QPSK	1	49	22.62	22.75	22.87		
20	QPSK	1	99	22.57	22.69	22.77		
20	QPSK	50	0	22.80	22.87	22.84	24	0
20	QPSK	50	24	22.72	22.83	22.83		
20	QPSK	50	50	22.70	22.66	22.75		
20	QPSK	100	0	22.89	22.96	22.92		
20	16QAM	1	0	22.87	22.90	22.95	24	0
20	16QAM	1	49	22.44	22.77	22.98		
20	16QAM	1	99	22.60	22.75	22.96		
20	16QAM	50	0	21.65	21.76	21.69	23	1
20	16QAM	50	24	21.88	21.71	21.88		
20	16QAM	50	50	21.94	21.91	21.87		
20	16QAM	100	0	21.78	21.71	21.80		
20	64QAM	1	0	21.92	21.95	21.92	23	1
20	64QAM	1	49	22.19	22.21	22.30		
20	64QAM	1	99	22.17	21.92	22.07		
20	64QAM	50	0	20.67	20.72	20.73	22	2
20	64QAM	50	24	20.78	20.84	20.87		
20	64QAM	50	50	20.84	20.83	20.88		
20	64QAM	100	0	20.71	20.67	20.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.83	22.76	24	0
15	QPSK	1	37	22.48	22.65	22.79		
15	QPSK	1	74	22.43	22.60	22.61		
15	QPSK	36	0	22.68	22.76	22.75	24	0
15	QPSK	36	20	22.56	22.69	22.78		
15	QPSK	36	39	22.65	22.51	22.65		
15	QPSK	75	0	22.75	22.91	22.81		
15	16QAM	1	0	22.81	22.82	22.88	24	0
15	16QAM	1	37	22.34	22.61	22.84		
15	16QAM	1	74	22.52	22.68	22.90		
15	16QAM	36	0	21.50	21.69	21.61	23	1
15	16QAM	36	20	21.83	21.57	21.81		
15	16QAM	36	39	21.79	21.80	21.76		
15	16QAM	75	0	21.63	21.57	21.73		
15	64QAM	1	0	21.81	21.84	21.82	23	1
15	64QAM	1	37	22.03	22.12	22.14		
15	64QAM	1	74	22.09	21.84	21.99		
15	64QAM	36	0	20.62	20.56	20.64	22	2
15	64QAM	36	20	20.73	20.68	20.81		
15	64QAM	36	39	20.71	20.73	20.81		
15	64QAM	75	0	20.63	20.53	20.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.60	22.93	22.79	24	0
10	QPSK	1	25	22.50	22.68	22.71		
10	QPSK	1	49	22.46	22.55	22.70		
10	QPSK	25	0	22.73	22.78	22.77	24	0
10	QPSK	25	12	22.58	22.67	22.69		
10	QPSK	25	25	22.63	22.56	22.64		
10	QPSK	50	0	22.82	22.91	22.79		
10	16QAM	1	0	22.82	22.78	22.83	24	0
10	16QAM	1	25	22.30	22.66	22.89		
10	16QAM	1	49	22.45	22.64	22.88		
10	16QAM	25	0	21.59	21.60	21.59	23	1
10	16QAM	25	12	21.79	21.63	21.76		
10	16QAM	25	25	21.80	21.78	21.74		
10	16QAM	50	0	21.72	21.63	21.68		
10	64QAM	1	0	21.82	21.87	21.87	23	1
10	64QAM	1	25	22.09	22.07	22.14		
10	64QAM	1	49	22.11	21.77	21.94		
10	64QAM	25	0	20.53	20.67	20.60	22	2
10	64QAM	25	12	20.70	20.72	20.82		
10	64QAM	25	25	20.68	20.74	20.72		
10	64QAM	50	0	20.61	20.55	20.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.51	22.92	22.85	24	0
5	QPSK	1	12	22.52	22.67	22.81		
5	QPSK	1	24	22.47	22.61	22.72		
5	QPSK	12	0	22.74	22.78	22.70	24	0
5	QPSK	12	7	22.65	22.75	22.67		
5	QPSK	12	13	22.62	22.53	22.61		
5	QPSK	25	0	22.76	22.87	22.84		
5	16QAM	1	0	22.81	22.76	22.81	24	0
5	16QAM	1	12	22.32	22.65	22.90		
5	16QAM	1	24	22.55	22.67	22.89		
5	16QAM	12	0	21.49	21.71	21.61	23	1
5	16QAM	12	7	21.82	21.63	21.74		
5	16QAM	12	13	21.79	21.76	21.78		
5	16QAM	25	0	21.64	21.57	21.74		
5	64QAM	1	0	21.86	21.86	21.87	23	1
5	64QAM	1	12	22.07	22.07	22.22		
5	64QAM	1	24	22.05	21.82	21.94		
5	64QAM	12	0	20.51	20.57	20.61	22	2
5	64QAM	12	7	20.73	20.68	20.81		
5	64QAM	12	13	20.76	20.68	20.72		
5	64QAM	25	0	20.57	20.52	20.77		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.19	22.35	22.21	23.5	0
20	QPSK	1	49	22.15	21.94	22.19		
20	QPSK	1	99	22.09	21.96	22.03		
20	QPSK	50	0	22.18	22.33	22.31	23.5	0
20	QPSK	50	24	22.17	22.05	22.16		
20	QPSK	50	50	22.07	21.99	21.98		
20	QPSK	100	0	22.13	22.21	22.20		
20	16QAM	1	0	22.23	22.26	22.27	23.5	0
20	16QAM	1	49	22.33	22.16	22.28		
20	16QAM	1	99	22.22	22.18	22.24		
20	16QAM	50	0	21.10	21.02	21.16	22.5	1
20	16QAM	50	24	21.17	21.11	21.26		
20	16QAM	50	50	21.08	21.20	21.24		
20	16QAM	100	0	21.13	21.13	21.28		
20	64QAM	1	0	22.09	21.62	21.78	22.5	1
20	64QAM	1	49	21.90	21.52	21.87		
20	64QAM	1	99	22.14	21.93	21.56		
20	64QAM	50	0	20.65	20.61	20.69	21.5	2
20	64QAM	50	24	20.70	20.77	20.85		
20	64QAM	50	50	20.73	20.82	20.79		
20	64QAM	100	0	20.75	20.73	20.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.07	22.26	22.15	23.5	0
15	QPSK	1	37	22.09	21.81	22.10		
15	QPSK	1	74	22.03	21.89	21.92		
15	QPSK	36	0	22.02	22.17	22.22	23.5	0
15	QPSK	36	20	22.10	21.89	22.08		
15	QPSK	36	39	22.02	21.83	21.84		
15	QPSK	75	0	22.05	22.08	22.13		
15	16QAM	1	0	22.09	22.20	22.16	23.5	0
15	16QAM	1	37	22.28	22.04	22.16		
15	16QAM	1	74	22.11	22.08	22.10		
15	16QAM	36	0	21.03	20.93	21.10	22.5	1
15	16QAM	36	20	21.05	21.06	21.11		
15	16QAM	36	39	20.96	21.12	21.18		
15	16QAM	75	0	21.06	20.99	21.14		
15	64QAM	1	0	22.04	21.53	21.66	22.5	1
15	64QAM	1	37	21.79	21.42	21.77		
15	64QAM	1	74	22.08	21.80	21.47		
15	64QAM	36	0	20.51	20.53	20.57	21.5	2
15	64QAM	36	20	20.58	20.69	20.78		
15	64QAM	36	39	20.64	20.75	20.64		
15	64QAM	75	0	20.69	20.67	20.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.09	22.29	22.16	23.5	0
10	QPSK	1	25	22.09	21.89	22.12		
10	QPSK	1	49	22.01	21.90	21.96		
10	QPSK	25	0	22.04	22.20	22.26	23.5	0
10	QPSK	25	12	22.05	21.92	22.11		
10	QPSK	25	25	22.00	21.92	21.90		
10	QPSK	50	0	22.04	22.09	22.08		
10	16QAM	1	0	22.13	22.19	22.21	23.5	0
10	16QAM	1	25	22.26	22.01	22.22		
10	16QAM	1	49	22.17	22.10	22.14		
10	16QAM	25	0	20.95	20.94	21.02	22.5	1
10	16QAM	25	12	21.11	20.98	21.18		
10	16QAM	25	25	21.00	21.13	21.19		
10	16QAM	50	0	21.02	21.05	21.15		
10	64QAM	1	0	22.01	21.50	21.63	22.5	1
10	64QAM	1	25	21.84	21.47	21.76		
10	64QAM	1	49	21.99	21.79	21.42		
10	64QAM	25	0	20.56	20.46	20.61	21.5	2
10	64QAM	25	12	20.65	20.69	20.69		
10	64QAM	25	25	20.59	20.69	20.65		
10	64QAM	50	0	20.67	20.68	20.57		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.07	22.19	22.05	23.5	0
5	QPSK	1	12	21.99	21.79	22.03		
5	QPSK	1	24	21.96	21.81	21.92		
5	QPSK	12	0	22.06	22.25	22.24	23.5	0
5	QPSK	12	7	22.06	21.98	22.00		
5	QPSK	12	13	21.98	21.86	21.84		
5	QPSK	25	0	22.01	22.08	22.10		
5	16QAM	1	0	22.08	22.17	22.11	23.5	0
5	16QAM	1	12	22.20	22.06	22.19		
5	16QAM	1	24	22.06	22.03	22.18		
5	16QAM	12	0	21.02	20.91	21.07	22.5	1
5	16QAM	12	7	21.06	21.05	21.19		
5	16QAM	12	13	20.96	21.07	21.09		
5	16QAM	25	0	20.98	21.05	21.15		
5	64QAM	1	0	21.95	21.56	21.67	22.5	1
5	64QAM	1	12	21.79	21.38	21.74		
5	64QAM	1	24	22.06	21.80	21.40		
5	64QAM	12	0	20.58	20.54	20.63	21.5	2
5	64QAM	12	7	20.59	20.64	20.77		
5	64QAM	12	13	20.58	20.72	20.70		
5	64QAM	25	0	20.67	20.63	20.66		

Band 41_Ant 13

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	22.81	22.74	22.84	22.66	22.78	23.5	0
20	QPSK	1	49	22.74	22.62	22.72	22.62	22.53		
20	QPSK	1	99	22.76	22.64	22.77	22.64	22.77		
20	QPSK	50	0	22.36	22.43	22.45	22.39	22.40	23	0.5
20	QPSK	50	24	22.32	22.35	22.21	22.36	22.22		
20	QPSK	50	50	22.32	22.36	22.29	22.33	22.34		
20	QPSK	100	0	22.33	22.37	22.41	22.33	22.19		
20	16QAM	1	0	22.42	22.54	22.72	22.76	22.67	23	0.5
20	16QAM	1	49	22.54	22.73	22.55	22.30	22.63		
20	16QAM	1	99	22.26	22.58	22.29	22.65	22.43		
20	16QAM	50	0	21.41	21.31	21.29	21.31	21.25	22	1.5
20	16QAM	50	24	21.30	21.42	21.24	21.35	21.23		
20	16QAM	50	50	21.45	21.48	21.29	21.31	21.24		
20	16QAM	100	0	21.30	21.48	21.20	21.35	21.09		
20	64QAM	1	0	21.29	21.37	21.60	21.44	21.43	22	1.5
20	64QAM	1	49	21.58	21.29	20.88	21.51	21.60		
20	64QAM	1	99	21.19	21.64	21.41	21.31	21.60		
20	64QAM	50	0	20.17	20.30	20.22	20.23	20.22	21	2.5
20	64QAM	50	24	20.31	20.36	20.26	20.35	20.12		
20	64QAM	50	50	20.45	20.34	20.30	20.31	20.26		
20	64QAM	100	0	20.38	20.32	20.21	20.39	20.17		
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	22.72	22.68	22.77	22.51	22.64	23.5	0
15	QPSK	1	37	22.64	22.53	22.64	22.54	22.39		
15	QPSK	1	74	22.62	22.54	22.67	22.51	22.66		
15	QPSK	36	0	22.30	22.28	22.33	22.23	22.34	23	0.5
15	QPSK	36	20	22.27	22.27	22.08	22.31	22.13		
15	QPSK	36	39	22.20	22.22	22.13	22.20	22.24		
15	QPSK	75	0	22.28	22.24	22.34	22.20	22.03		
15	16QAM	1	0	22.36	22.45	22.56	22.67	22.53	23	0.5
15	16QAM	1	37	22.46	22.60	22.46	22.20	22.52		
15	16QAM	1	74	22.13	22.47	22.22	22.50	22.30		
15	16QAM	36	0	21.33	21.23	21.14	21.17	21.20	22	1.5
15	16QAM	36	20	21.19	21.27	21.16	21.24	21.08		
15	16QAM	36	39	21.40	21.42	21.23	21.18	21.14		
15	16QAM	75	0	21.18	21.36	21.04	21.20	20.95		
15	64QAM	1	0	21.17	21.26	21.44	21.32	21.31	22	1.5
15	64QAM	1	37	21.46	21.21	20.78	21.40	21.47		
15	64QAM	1	74	21.12	21.57	21.32	21.17	21.46		
15	64QAM	36	0	20.11	20.22	20.17	20.17	20.11	21	2.5
15	64QAM	36	20	20.23	20.29	20.10	20.22	20.05		
15	64QAM	36	39	20.34	20.18	20.22	20.22	20.21		
15	64QAM	75	0	20.29	20.18	20.15	20.34	20.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.72	22.63	22.70	22.50	22.63	23.5	0
10	QPSK	1	25	22.58	22.52	22.56	22.50	22.48		
10	QPSK	1	49	22.61	22.56	22.68	22.56	22.67		
10	QPSK	25	0	22.23	22.27	22.32	22.26	22.29	23	0.5
10	QPSK	25	12	22.20	22.26	22.05	22.26	22.17		
10	QPSK	25	25	22.26	22.20	22.14	22.22	22.19		
10	QPSK	50	0	22.19	22.29	22.27	22.17	22.03		
10	16QAM	1	0	22.32	22.47	22.57	22.64	22.58	23	0.5
10	16QAM	1	25	22.45	22.60	22.44	22.14	22.55		
10	16QAM	1	49	22.17	22.49	22.23	22.57	22.28		
10	16QAM	25	0	21.35	21.25	21.19	21.15	21.18	22	1.5
10	16QAM	25	12	21.16	21.27	21.19	21.29	21.10		
10	16QAM	25	25	21.31	21.35	21.20	21.18	21.15		
10	16QAM	50	0	21.25	21.34	21.10	21.26	21.04		
10	64QAM	1	0	21.14	21.32	21.55	21.33	21.31	22	1.5
10	64QAM	1	25	21.43	21.23	20.79	21.41	21.44		
10	64QAM	1	49	21.09	21.59	21.33	21.15	21.50		
10	64QAM	25	0	20.02	20.19	20.13	20.18	20.14	21	2.5
10	64QAM	25	12	20.20	20.24	20.16	20.28	20.07		
10	64QAM	25	25	20.35	20.19	20.23	20.22	20.18		
10	64QAM	50	0	20.32	20.23	20.15	20.23	20.01		
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	22.72	22.66	22.77	22.54	22.68	23.5	0
5	QPSK	1	12	22.62	22.53	22.58	22.48	22.40		
5	QPSK	1	24	22.62	22.50	22.66	22.49	22.64		
5	QPSK	12	0	22.24	22.31	22.37	22.32	22.35	23	0.5
5	QPSK	12	7	22.21	22.24	22.06	22.28	22.17		
5	QPSK	12	13	22.18	22.25	22.16	22.27	22.22		
5	QPSK	25	0	22.28	22.25	22.28	22.20	22.04		
5	16QAM	1	0	22.27	22.38	22.60	22.62	22.59	23	0.5
5	16QAM	1	12	22.44	22.63	22.50	22.15	22.58		
5	16QAM	1	24	22.12	22.50	22.23	22.52	22.32		
5	16QAM	12	0	21.33	21.19	21.19	21.17	21.09	22	1.5
5	16QAM	12	7	21.23	21.32	21.14	21.27	21.14		
5	16QAM	12	13	21.37	21.32	21.14	21.25	21.09		
5	16QAM	25	0	21.19	21.43	21.09	21.23	20.96		
5	64QAM	1	0	21.24	21.24	21.45	21.28	21.29	22	1.5
5	64QAM	1	12	21.50	21.24	20.79	21.46	21.50		
5	64QAM	1	24	21.11	21.57	21.26	21.22	21.46		
5	64QAM	12	0	20.07	20.24	20.15	20.07	20.07	21	2.5
5	64QAM	12	7	20.17	20.25	20.16	20.30	20.05		
5	64QAM	12	13	20.40	20.29	20.21	20.20	20.18		
5	64QAM	25	0	20.22	20.27	20.16	20.25	20.09		

Band 41_Ant 31

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	22.74	22.72	23.16	22.69	22.66	24	0
20	QPSK	1	49	22.64	22.71	22.73	22.65	22.65		
20	QPSK	1	99	22.73	22.66	22.72	22.62	22.64		
20	QPSK	50	0	22.62	22.95	22.96	22.91	22.68	24	0
20	QPSK	50	24	22.57	22.69	22.74	22.72	22.64		
20	QPSK	50	50	22.59	22.86	22.61	22.69	22.63		
20	QPSK	100	0	22.80	22.65	22.84	22.70	22.72		
20	16QAM	1	0	22.80	22.82	22.78	22.90	22.68	24	0
20	16QAM	1	49	22.95	22.80	22.60	22.80	22.76		
20	16QAM	1	99	22.54	22.91	23.02	23.12	22.83		
20	16QAM	50	0	21.81	21.65	21.95	22.15	21.75	23	1
20	16QAM	50	24	21.82	22.11	21.77	21.92	21.79		
20	16QAM	50	50	21.90	21.83	21.82	21.87	21.83		
20	16QAM	100	0	21.76	21.90	21.88	21.82	21.78		
20	64QAM	1	0	21.71	21.88	21.64	21.75	22.06	23	1
20	64QAM	1	49	22.25	21.87	22.05	21.87	21.87		
20	64QAM	1	99	21.77	21.77	22.13	22.28	22.00		
20	64QAM	50	0	20.74	20.83	21.07	21.31	20.75	22	2
20	64QAM	50	24	20.73	20.93	20.91	20.91	20.74		
20	64QAM	50	50	20.85	20.79	20.67	20.89	20.76		
20	64QAM	100	0	20.80	20.93	20.88	20.85	20.68		
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	22.66	22.58	23.06	22.56	22.58	24	0
15	QPSK	1	37	22.52	22.60	22.63	22.55	22.52		
15	QPSK	1	74	22.60	22.51	22.61	22.51	22.59		
15	QPSK	36	0	22.55	22.80	22.86	22.80	22.61	24	0
15	QPSK	36	20	22.41	22.60	22.65	22.60	22.53		
15	QPSK	36	39	22.48	22.75	22.46	22.57	22.49		
15	QPSK	75	0	22.75	22.51	22.68	22.58	22.67		
15	16QAM	1	0	22.74	22.75	22.69	22.78	22.63	24	0
15	16QAM	1	37	22.81	22.69	22.46	22.73	22.62		
15	16QAM	1	74	22.46	22.86	22.91	23.02	22.68		
15	16QAM	36	0	21.74	21.60	21.85	22.02	21.63	23	1
15	16QAM	36	20	21.72	22.03	21.66	21.78	21.66		
15	16QAM	36	39	21.82	21.75	21.70	21.74	21.76		
15	16QAM	75	0	21.62	21.76	21.81	21.70	21.64		
15	64QAM	1	0	21.63	21.77	21.49	21.68	21.95	23	1
15	64QAM	1	37	22.10	21.80	21.94	21.77	21.72		
15	64QAM	1	74	21.61	21.68	22.08	22.17	21.90		
15	64QAM	36	0	20.59	20.71	20.93	21.15	20.60	22	2
15	64QAM	36	20	20.68	20.83	20.77	20.84	20.64		
15	64QAM	36	39	20.79	20.63	20.54	20.77	20.69		
15	64QAM	75	0	20.72	20.78	20.76	20.73	20.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.58	22.59	23.08	22.55	22.52	24	0
10	QPSK	1	25	22.53	22.57	22.64	22.58	22.58		
10	QPSK	1	49	22.58	22.59	22.62	22.52	22.48		
10	QPSK	25	0	22.56	22.89	22.83	22.75	22.58	24	0
10	QPSK	25	12	22.48	22.63	22.60	22.60	22.49		
10	QPSK	25	25	22.51	22.70	22.49	22.56	22.48		
10	QPSK	50	0	22.68	22.59	22.70	22.56	22.64		
10	16QAM	1	0	22.65	22.69	22.71	22.83	22.54	24	0
10	16QAM	1	25	22.86	22.71	22.50	22.68	22.63		
10	16QAM	1	49	22.46	22.85	22.87	23.02	22.74		
10	16QAM	25	0	21.75	21.53	21.84	22.08	21.67	23	1
10	16QAM	25	12	21.75	21.99	21.71	21.81	21.71		
10	16QAM	25	25	21.74	21.69	21.72	21.81	21.67		
10	16QAM	50	0	21.62	21.83	21.81	21.77	21.69		
10	64QAM	1	0	21.62	21.79	21.50	21.64	21.91	23	1
10	64QAM	1	25	22.13	21.78	21.92	21.73	21.79		
10	64QAM	1	49	21.72	21.61	22.03	22.16	21.84		
10	64QAM	25	0	20.62	20.74	20.97	21.16	20.63	22	2
10	64QAM	25	12	20.64	20.82	20.83	20.82	20.66		
10	64QAM	25	25	20.72	20.72	20.57	20.79	20.65		
10	64QAM	50	0	20.72	20.84	20.78	20.80	20.54		
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	22.62	22.64	23.00	22.61	22.59	24	0
5	QPSK	1	12	22.51	22.63	22.59	22.49	22.59		
5	QPSK	1	24	22.68	22.51	22.57	22.56	22.52		
5	QPSK	12	0	22.46	22.80	22.81	22.86	22.58	24	0
5	QPSK	12	7	22.48	22.54	22.63	22.67	22.57		
5	QPSK	12	13	22.44	22.78	22.50	22.63	22.51		
5	QPSK	25	0	22.67	22.58	22.70	22.58	22.56		
5	16QAM	1	0	22.68	22.72	22.68	22.84	22.52	24	0
5	16QAM	1	12	22.82	22.72	22.45	22.67	22.61		
5	16QAM	1	24	22.41	22.78	22.90	23.06	22.77		
5	16QAM	12	0	21.75	21.52	21.90	22.09	21.59	23	1
5	16QAM	12	7	21.77	21.95	21.62	21.84	21.72		
5	16QAM	12	13	21.82	21.72	21.75	21.76	21.73		
5	16QAM	25	0	21.67	21.84	21.72	21.71	21.70		
5	64QAM	1	0	21.65	21.73	21.50	21.64	21.94	23	1
5	64QAM	1	12	22.20	21.71	21.90	21.78	21.78		
5	64QAM	1	24	21.69	21.65	22.08	22.14	21.94		
5	64QAM	12	0	20.58	20.77	20.94	21.25	20.66	22	2
5	64QAM	12	7	20.60	20.81	20.84	20.83	20.59		
5	64QAM	12	13	20.79	20.74	20.55	20.74	20.60		
5	64QAM	25	0	20.64	20.86	20.77	20.73	20.54		

Band 41_Ant 25

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	21.83	21.93	22.37	21.92	21.96	23.5	0
20	QPSK	1	49	21.74	21.92	21.99	21.87	21.91		
20	QPSK	1	99	21.81	21.89	22.06	22.12	21.83		
20	QPSK	50	0	21.85	22.10	22.26	22.15	21.78	23.5	0
20	QPSK	50	24	21.80	21.81	22.02	21.99	21.70		
20	QPSK	50	50	21.84	22.01	22.12	22.09	21.77		
20	QPSK	100	0	22.04	22.23	22.24	21.98	21.94		
20	16QAM	1	0	22.28	22.04	21.95	22.17	22.13	23.5	0
20	16QAM	1	49	21.94	22.01	21.96	22.13	21.91		
20	16QAM	1	99	21.98	22.05	22.25	22.19	22.12		
20	16QAM	50	0	20.96	21.60	21.46	22.27	21.04	22.5	1
20	16QAM	50	24	21.01	22.12	21.04	21.55	21.10		
20	16QAM	50	50	21.04	21.05	21.11	21.07	20.94		
20	16QAM	100	0	21.01	21.18	21.17	21.07	20.94		
20	64QAM	1	0	21.23	21.10	21.02	21.13	21.09	22.5	1
20	64QAM	1	49	21.34	21.08	21.53	21.14	20.82		
20	64QAM	1	99	21.10	21.18	21.29	21.20	21.24		
20	64QAM	50	0	19.76	21.27	21.44	21.15	19.99	21.5	2
20	64QAM	50	24	20.06	20.94	20.13	21.14	19.96		
20	64QAM	50	50	20.00	19.87	20.06	20.09	20.00		
20	64QAM	100	0	19.84	20.10	20.13	20.16	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.76	21.81	22.22	21.83	21.80	23.5	0
15	QPSK	1	37	21.65	21.80	21.85	21.74	21.83		
15	QPSK	1	74	21.70	21.78	21.93	21.97	21.69		
15	QPSK	36	0	21.73	22.03	22.19	22.02	21.64	23.5	0
15	QPSK	36	20	21.68	21.70	21.95	21.90	21.59		
15	QPSK	36	39	21.73	21.88	22.02	22.02	21.64		
15	QPSK	75	0	21.89	22.14	22.10	21.93	21.85		
15	16QAM	1	0	22.16	21.98	21.86	22.03	22.02	23.5	0
15	16QAM	1	37	21.83	21.88	21.84	21.99	21.77		
15	16QAM	1	74	21.88	21.95	22.20	22.13	22.04		
15	16QAM	36	0	20.82	21.46	21.40	22.15	20.91	22.5	1
15	16QAM	36	20	20.92	22.05	20.93	21.48	21.00		
15	16QAM	36	39	20.90	20.98	21.04	21.01	20.80		
15	16QAM	75	0	20.88	21.08	21.05	21.02	20.86		
15	64QAM	1	0	21.09	20.95	20.97	20.99	21.03	22.5	1
15	64QAM	1	37	21.19	21.01	21.48	21.02	20.72		
15	64QAM	1	74	20.99	21.11	21.13	21.09	21.10		
15	64QAM	36	0	19.71	21.13	21.36	21.10	19.93	21.5	2
15	64QAM	36	20	19.94	20.86	20.03	21.00	19.90		
15	64QAM	36	39	19.87	19.71	19.96	20.03	19.93		
15	64QAM	75	0	19.70	20.01	20.00	20.11	19.83		
Channel				39700	40140	40620	41060	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.77	21.80	22.28	21.81	21.87	23.5	0
10	QPSK	1	25	21.59	21.78	21.85	21.72	21.85		
10	QPSK	1	49	21.74	21.74	21.96	21.99	21.69		
10	QPSK	25	0	21.70	21.96	22.12	21.99	21.66	23.5	0
10	QPSK	25	12	21.73	21.74	21.86	21.92	21.64		
10	QPSK	25	25	21.68	21.90	22.02	22.00	21.72		
10	QPSK	50	0	21.99	22.15	22.09	21.90	21.83		
10	16QAM	1	0	22.13	21.93	21.81	22.01	22.01	23.5	0
10	16QAM	1	25	21.89	21.88	21.83	21.97	21.76		
10	16QAM	1	49	21.85	21.90	22.20	22.09	22.06		
10	16QAM	25	0	20.89	21.45	21.34	22.14	20.95	22.5	1
10	16QAM	25	12	20.86	21.99	20.95	21.39	20.96		
10	16QAM	25	25	20.99	20.98	21.03	21.00	20.84		
10	16QAM	50	0	20.89	21.04	21.07	20.92	20.83		
10	64QAM	1	0	21.15	21.05	20.93	21.06	20.94	22.5	1
10	64QAM	1	25	21.25	21.02	21.39	20.99	20.69		
10	64QAM	1	49	20.99	21.09	21.18	21.11	21.13		
10	64QAM	25	0	19.66	21.19	21.34	21.01	19.83	21.5	2
10	64QAM	25	12	19.98	20.79	19.97	21.09	19.89		
10	64QAM	25	25	19.91	19.75	19.94	20.04	19.95		
10	64QAM	50	0	19.68	19.99	20.06	20.07	19.87		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.72	21.84	22.30	21.83	21.89	23.5	0
5	QPSK	1	12	21.66	21.78	21.93	21.81	21.79		
5	QPSK	1	24	21.65	21.74	21.93	22.04	21.74		
5	QPSK	12	0	21.77	21.95	22.11	22.06	21.72	23.5	0
5	QPSK	12	7	21.74	21.67	21.95	21.86	21.64		
5	QPSK	12	13	21.72	21.94	21.99	21.97	21.64		
5	QPSK	25	0	21.92	22.10	22.15	21.87	21.89		
5	16QAM	1	0	22.20	21.97	21.89	22.08	22.06	23.5	0
5	16QAM	1	12	21.86	21.89	21.88	22.03	21.75		
5	16QAM	1	24	21.87	21.91	22.19	22.08	22.04		
5	16QAM	12	0	20.85	21.52	21.41	22.11	20.90	22.5	1
5	16QAM	12	7	20.91	21.99	20.88	21.43	20.94		
5	16QAM	12	13	20.89	20.97	20.96	20.94	20.81		
5	16QAM	25	0	20.86	21.11	21.06	20.94	20.78		
5	64QAM	1	0	21.14	20.98	20.91	20.98	20.93	22.5	1
5	64QAM	1	12	21.19	20.99	21.47	20.98	20.66		
5	64QAM	1	24	20.96	21.07	21.24	21.15	21.16		
5	64QAM	12	0	19.66	21.22	21.33	21.01	19.87	21.5	2
5	64QAM	12	7	19.91	20.88	20.08	21.08	19.86		
5	64QAM	12	13	19.93	19.71	19.93	19.98	19.92		
5	64QAM	25	0	19.68	20.00	20.06	20.04	19.79		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	24.12	24.30	24.21	25	0
20	QPSK		49	24.08	24.25	24.16		
20	QPSK		99	24.02	24.22	24.09		
20	QPSK	50	0	23.20	23.26	23.19	24	1
20	QPSK	50	24	23.18	23.14	23.16		
20	QPSK	50	50	23.18	23.24	23.01		
20	QPSK	100	0	23.16	23.18	23.09		
20	16QAM		0	22.92	22.91	22.91	24	1
20	16QAM		49	22.90	22.92	22.90		
20	16QAM		99	23.35	22.95	22.93		
20	16QAM	50	0	22.39	22.48	22.35	23	2
20	16QAM	50	24	22.40	22.51	22.36		
20	16QAM	50	50	22.38	22.36	22.22		
20	16QAM	100	0	22.48	22.54	22.32		
20	64QAM		0	23.33	23.32	23.07	24	1
20	64QAM		49	23.69	23.30	23.38		
20	64QAM		99	23.25	23.04	23.39		
20	64QAM	50	0	22.45	22.49	22.45	23	2
20	64QAM	50	24	22.47	22.37	22.32		
20	64QAM	50	50	22.36	22.40	22.32		
20	64QAM	100	0	22.39	22.39	22.39		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	23.96	24.25	24.09	25	0
15	QPSK		37	24.00	24.12	24.03		
15	QPSK		74	23.96	24.08	23.99		
15	QPSK	36	0	23.16	23.17	23.07	24	1
15	QPSK	36	20	23.18	23.25	23.05		
15	QPSK	36	39	23.12	23.15	23.04		
15	QPSK	75	0	23.03	23.14	23.03		
15	16QAM		0	23.38	23.56	23.18	24	1
15	16QAM		37	23.50	23.60	23.56		
15	16QAM		74	23.07	23.12	23.16		
15	16QAM	36	0	22.48	22.40	22.35	23	2
15	16QAM	36	20	22.48	22.45	22.32		
15	16QAM	36	39	22.39	22.36	22.39		
15	16QAM	75	0	22.34	22.30	22.37		
15	64QAM		0	23.32	23.31	22.94	24	1
15	64QAM		37	23.34	23.20	23.21		
15	64QAM		74	23.64	23.15	23.53		
15	64QAM	36	0	22.34	22.28	22.24	23	2
15	64QAM	36	20	22.53	22.39	22.26		
15	64QAM	36	39	22.39	22.41	22.37		
15	64QAM	75	0	22.48	22.31	22.32		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	23.97	24.24	24.08	25	0
10	QPSK		25	23.94	24.10	24.10		
10	QPSK		49	23.89	24.16	24.00		
10	QPSK	25	0	23.37	23.14	23.22	24	1
10	QPSK	25	12	23.39	23.40	23.25		
10	QPSK	25	25	23.30	23.27	23.08		
10	QPSK	50	0	23.30	23.20	23.22		
10	16QAM		0	23.59	23.81	23.31	24	1
10	16QAM		25	23.33	23.74	23.49		
10	16QAM		49	23.22	23.35	23.29		
10	16QAM	25	0	22.60	22.40	22.53	23	2
10	16QAM	25	12	22.56	22.53	22.40		
10	16QAM	25	25	22.58	22.66	22.36		
10	16QAM	50	0	22.57	22.43	22.43		
10	64QAM		0	23.15	23.63	23.50	24	1
10	64QAM		25	23.37	23.64	23.03		
10	64QAM		49	23.26	23.36	23.30		
10	64QAM	25	0	22.60	22.53	22.49	23	2
10	64QAM	25	12	22.60	22.63	22.45		
10	64QAM	25	25	22.59	22.46	22.41		
10	64QAM	50	0	22.59	22.44	22.42		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	23.96	24.16	24.05	25	0
5	QPSK		12	23.96	24.12	24.02		
5	QPSK		24	23.97	24.16	24.03		
5	QPSK	12	0	23.34	23.37	23.15	24	1
5	QPSK	12	7	23.33	23.33	23.24		
5	QPSK	12	13	23.29	23.26	23.07		
5	QPSK	25	0	23.30	23.27	23.16		
5	16QAM		0	23.74	23.23	23.41	24	1
5	16QAM		12	23.52	23.77	23.69		
5	16QAM		24	23.68	23.29	23.42		
5	16QAM	12	0	22.58	22.54	22.46	23	2
5	16QAM	12	7	22.48	22.51	22.54		
5	16QAM	12	13	22.57	22.54	22.31		
5	16QAM	25	0	22.53	22.60	22.39		
5	64QAM		0	23.84	23.53	23.37	24	1
5	64QAM		12	23.56	23.74	23.64		
5	64QAM		24	23.34	23.50	23.06		
5	64QAM	12	0	22.58	22.55	22.51	23	2
5	64QAM	12	7	22.60	22.51	22.50		
5	64QAM	12	13	22.52	22.53	22.35		
5	64QAM	25	0	22.60	22.57	22.40		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	20.66	20.87	20.48	21.8	0
20	QPSK		49	20.56	20.51	20.46		
20	QPSK		99	20.59	20.47	20.37		
20	QPSK	50	0	20.67	20.69	20.65	21.8	0
20	QPSK	50	24	20.66	20.60	20.51		
20	QPSK	50	50	20.66	20.56	20.64		
20	QPSK	100	0	20.64	20.70	20.52		
20	16QAM		0	20.74	20.67	20.83	21.8	0
20	16QAM		49	20.73	20.71	20.72		
20	16QAM		99	20.58	20.83	20.58		
20	16QAM	50	0	20.64	20.61	20.63	21.8	0
20	16QAM	50	24	20.61	20.58	20.63		
20	16QAM	50	50	20.67	20.59	20.59		
20	16QAM	100	0	20.70	20.56	20.54		
20	64QAM		0	20.82	20.78	20.65	21.8	0
20	64QAM		49	20.79	20.46	20.83		
20	64QAM		99	20.32	20.66	20.29		
20	64QAM	50	0	20.68	20.60	20.48	21.8	0
20	64QAM	50	24	20.61	20.54	20.58		
20	64QAM	50	50	20.55	20.72	20.61		
20	64QAM	100	0	20.60	20.55	20.56		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	20.52	20.80	20.33	21.8	0
15	QPSK		37	20.43	20.40	20.41		
15	QPSK		74	20.45	20.34	20.32		
15	QPSK	36	0	20.61	20.58	20.52	21.8	0
15	QPSK	36	20	20.57	20.50	20.45		
15	QPSK	36	39	20.57	20.48	20.54		
15	QPSK	75	0	20.51	20.58	20.42		
15	16QAM		0	20.68	20.59	20.67	21.8	0
15	16QAM		37	20.61	20.60	20.60		
15	16QAM		74	20.53	20.67	20.51		
15	16QAM	36	0	20.56	20.56	20.58	21.8	0
15	16QAM	36	20	20.49	20.51	20.56		
15	16QAM	36	39	20.57	20.48	20.51		
15	16QAM	75	0	20.65	20.40	20.40		
15	64QAM		0	20.75	20.71	20.49	21.8	0
15	64QAM		37	20.67	20.32	20.67		
15	64QAM		74	20.23	20.59	20.22		
15	64QAM	36	0	20.58	20.49	20.32	21.8	0
15	64QAM	36	20	20.46	20.40	20.52		
15	64QAM	36	39	20.43	20.61	20.54		
15	64QAM	75	0	20.46	20.39	20.48		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	20.58	20.73	20.40	21.8	0
10	QPSK		25	20.49	20.35	20.38		
10	QPSK		49	20.47	20.35	20.31		
10	QPSK	25	0	20.58	20.57	20.51	21.8	0
10	QPSK	25	12	20.58	20.49	20.40		
10	QPSK	25	25	20.59	20.50	20.51		
10	QPSK	50	0	20.58	20.61	20.46		
10	16QAM		0	20.59	20.56	20.71	21.8	0
10	16QAM		25	20.61	20.66	20.67		
10	16QAM		49	20.50	20.73	20.51		
10	16QAM	25	0	20.54	20.55	20.58	21.8	0
10	16QAM	25	12	20.52	20.45	20.56		
10	16QAM	25	25	20.61	20.48	20.43		
10	16QAM	50	0	20.65	20.48	20.48		
10	64QAM		0	20.76	20.71	20.50	21.8	0
10	64QAM		25	20.64	20.39	20.74		
10	64QAM		49	20.20	20.52	20.20		
10	64QAM	25	0	20.63	20.54	20.34	21.8	0
10	64QAM	25	12	20.51	20.43	20.47		
10	64QAM	25	25	20.48	20.61	20.49		
10	64QAM	50	0	20.48	20.45	20.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	20.56	20.79	20.32	21.8	0
5	QPSK		12	20.51	20.44	20.39		
5	QPSK		24	20.53	20.33	20.26		
5	QPSK	12	0	20.52	20.57	20.53	21.8	0
5	QPSK	12	7	20.51	20.54	20.37		
5	QPSK	12	13	20.58	20.44	20.56		
5	QPSK	25	0	20.56	20.63	20.42		
5	16QAM		0	20.60	20.51	20.73	21.8	0
5	16QAM		12	20.65	20.65	20.67		
5	16QAM		24	20.48	20.76	20.53		
5	16QAM	12	0	20.51	20.55	20.51	21.8	0
5	16QAM	12	7	20.54	20.43	20.53		
5	16QAM	12	13	20.56	20.50	20.43		
5	16QAM	25	0	20.59	20.44	20.39		
5	64QAM		0	20.72	20.70	20.52	21.8	0
5	64QAM		12	20.69	20.38	20.71		
5	64QAM		24	20.24	20.60	20.15		
5	64QAM	12	0	20.52	20.47	20.36	21.8	0
5	64QAM	12	7	20.49	20.43	20.47		
5	64QAM	12	13	20.41	20.61	20.47		
5	64QAM	25	0	20.45	20.50	20.49		

Reduced Power for DSI 5

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.85	29.54	29.79	**31.50**	20.85	20.54	20.79	22.50
GPRS 1 Tx slot	29.83	29.52	29.76	**31.50**	20.83	20.52	20.76	22.50
GPRS 2 Tx slots	28.00	28.03	28.01	**30.00**	22.00	22.03	22.01	24.00
GPRS 3 Tx slots	26.41	26.34	26.53	**28.00**	22.15	22.08	22.27	23.74
GPRS 4 Tx slots	25.32	25.37	25.38	**26.70**	22.32	22.37	22.38	23.70
EDGE 1 Tx slot	25.82	25.71	26.04	**27.50**	16.82	16.71	17.04	18.50
EDGE 2 Tx slots	24.72	24.88	24.78	**26.50**	18.72	18.88	18.78	20.50
EDGE 3 Tx slots	23.53	23.71	23.57	**25.50**	19.27	19.45	19.31	21.24
EDGE 4 Tx slots	22.65	22.56	22.72	**24.50**	19.65	19.56	19.72	21.50

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.76	23.57	23.81	**25.50**	14.76	14.57	14.81	16.50
GPRS 1 Tx slot	23.75	23.55	23.79	**25.50**	14.75	14.55	14.79	16.50
GPRS 2 Tx slots	21.89	21.56	21.48	**23.00**	15.89	15.56	15.48	17.00
GPRS 3 Tx slots	20.46	20.21	20.28	**22.00**	16.20	15.95	16.02	17.74
GPRS 4 Tx slots	19.72	19.56	19.58	**20.50**	16.72	16.56	16.58	17.50
EDGE 1 Tx slot	23.55	23.47	23.65	**25.00**	14.55	14.47	14.65	16.00
EDGE 2 Tx slots	21.68	21.75	21.66	**23.50**	15.68	15.75	15.66	17.50
EDGE 3 Tx slots	20.45	20.52	20.47	**22.00**	16.19	16.26	16.21	17.74
EDGE 4 Tx slots	19.57	19.69	19.68	**21.00**	16.57	16.69	16.68	18.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.10	27.41	27.34	**29.00**	18.10	18.41	18.34	20.00
GPRS 1 Tx slot	27.05	27.31	27.26	**29.00**	18.05	18.31	18.26	20.00
GPRS 2 Tx slots	25.03	25.24	25.23	**27.00**	19.03	19.24	19.23	21.00
GPRS 3 Tx slots	24.00	24.15	24.11	**26.00**	19.74	19.89	19.85	21.74
GPRS 4 Tx slots	22.75	22.89	22.83	**24.50**	19.75	19.89	19.83	21.50
EDGE 1 Tx slot	25.70	25.41	25.71	**26.50**	16.70	16.41	16.71	17.50
EDGE 2 Tx slots	24.27	24.32	24.52	**25.50**	18.27	18.32	18.52	19.50
EDGE 3 Tx slots	23.11	23.07	23.24	**24.50**	18.85	18.81	18.98	20.24
EDGE 4 Tx slots	21.75	22.11	22.31	**23.50**	18.75	19.11	19.31	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	15.53	15.60	15.51	**17.50**	20.76	20.91	20.85	**22.30**
3GPP Rel 99	RMC 12.2Kbps	15.54	15.62	15.55	**17.50**	20.84	20.93	20.88	**22.30**
3GPP Rel 6	HSDPA Subtest-1	14.53	14.59	14.55	**16.50**	19.80	19.92	19.93	**21.30**
3GPP Rel 6	HSDPA Subtest-2	14.56	14.66	14.56	**16.50**	19.81	19.89	19.90	**21.30**
3GPP Rel 6	HSDPA Subtest-3	14.05	14.15	14.05	**16.00**	19.42	19.40	19.40	**20.80**
3GPP Rel 6	HSDPA Subtest-4	14.07	14.19	14.01	**16.00**	19.36	19.41	19.41	**20.80**
3GPP Rel 8	DC-HSDPA Subtest-1	14.67	14.73	14.65	**16.50**	19.94	20.01	19.98	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-2	14.62	14.75	14.68	**16.50**	19.94	20.02	20.00	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-3	14.21	14.29	14.12	**16.00**	19.49	19.49	19.45	**20.80**
3GPP Rel 8	DC-HSDPA Subtest-4	14.19	14.31	14.09	**16.00**	19.41	19.55	19.52	**20.80**
3GPP Rel 6	HSUPA Subtest-1	14.62	14.74	14.58	**16.50**	19.82	19.89	19.91	**21.30**
3GPP Rel 6	HSUPA Subtest-2	12.54	12.71	12.56	**14.50**	17.81	17.88	17.94	**19.30**
3GPP Rel 6	HSUPA Subtest-3	13.74	13.82	13.65	**15.50**	18.81	18.81	18.90	**20.30**
3GPP Rel 6	HSUPA Subtest-4	12.50	12.63	12.58	**14.50**	17.82	17.86	17.90	**19.30**
3GPP Rel 6	HSUPA Subtest-5	14.60	14.70	14.60	**16.50**	19.80	19.90	19.90	**21.30**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.67	15.85	15.84	**17.50**	20.96	21.18	21.06	**22.50**
3GPP Rel 99	RMC 12.2Kbps	15.72	15.97	15.89	**17.50**	20.98	21.19	21.08	**22.50**
3GPP Rel 6	HSDPA Subtest-1	14.70	14.88	14.89	**16.50**	19.94	20.08	20.07	**21.50**
3GPP Rel 6	HSDPA Subtest-2	14.71	14.87	14.90	**16.50**	20.01	20.03	20.06	**21.50**
3GPP Rel 6	HSDPA Subtest-3	14.19	14.33	14.41	**16.00**	19.46	19.57	19.57	**21.00**
3GPP Rel 6	HSDPA Subtest-4	14.19	14.34	14.43	**16.00**	19.46	19.55	19.56	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-1	14.78	15.03	14.98	**16.50**	20.07	20.13	20.17	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-2	14.80	15.01	14.97	**16.50**	20.14	20.18	20.16	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-3	14.31	14.47	14.46	**16.00**	19.62	19.69	19.65	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-4	14.32	14.40	14.54	**16.00**	19.60	19.62	19.70	**21.00**
3GPP Rel 6	HSUPA Subtest-1	14.75	14.89	14.63	**16.50**	19.95	20.08	20.14	**21.50**
3GPP Rel 6	HSUPA Subtest-2	12.72	12.89	12.88	**14.50**	17.94	18.03	18.10	**19.50**
3GPP Rel 6	HSUPA Subtest-3	13.65	13.57	13.77	**15.50**	18.93	19.02	19.03	**20.50**
3GPP Rel 6	HSUPA Subtest-4	12.70	12.88	12.86	**14.50**	17.96	18.08	18.04	**19.50**
3GPP Rel 6	HSUPA Subtest-5	14.80	15.00	14.90	**16.50**	20.00	20.20	20.10	**21.50**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.21	22.24	22.25	**24.00**	22.87	22.97	22.95	**24.50**
3GPP Rel 99	RMC 12.2Kbps	22.22	22.28	22.27	**24.00**	22.89	22.98	22.96	**24.50**
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.15	**23.00**	21.90	21.95	21.95	**23.50**
3GPP Rel 6	HSDPA Subtest-2	21.21	21.23	21.14	**23.00**	21.90	21.97	21.97	**23.50**
3GPP Rel 6	HSDPA Subtest-3	20.71	20.80	20.69	**22.50**	21.38	21.46	21.43	**23.00**
3GPP Rel 6	HSDPA Subtest-4	20.51	20.77	20.68	**22.50**	21.40	21.47	21.46	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.61	21.78	21.63	**23.00**	21.98	22.02	22.11	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	21.72	21.77	21.66	**23.00**	21.96	22.06	22.13	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	21.18	21.26	21.12	**22.50**	21.52	21.62	21.52	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.27	21.13	**22.50**	21.47	21.60	21.56	**23.00**
3GPP Rel 6	HSUPA Subtest-1	21.27	21.30	21.24	**23.00**	21.91	21.88	21.80	**23.50**
3GPP Rel 6	HSUPA Subtest-2	19.27	19.37	19.21	**21.00**	19.82	19.87	19.75	**21.50**
3GPP Rel 6	HSUPA Subtest-3	20.23	20.25	20.19	**22.00**	20.82	20.87	20.75	**22.50**
3GPP Rel 6	HSUPA Subtest-4	19.20	19.29	19.15	**21.00**	19.88	19.91	19.74	**21.50**
3GPP Rel 6	HSUPA Subtest-5	21.34	21.28	21.14	**23.00**	21.80	21.84	21.74	**23.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	22.12	22.13	22.09	**23.50**	22.58	22.65	22.64	**24.00**
RC3 SO55	22.14	22.16	22.13	**23.50**	22.78	22.83	22.75	**24.00**
RC3 SO32 (F+SCH)	22.07	22.16	22.10	**23.50**	22.69	22.81	22.61	**24.00**
RC3 SO32 (+SCH)	22.10	22.11	22.06	**23.50**	22.66	22.73	22.64	**24.00**

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.31	17.51	17.24	18.5	0
20	QPSK	1	49	17.07	17.14	17.16		
20	QPSK	1	99	16.97	17.08	17.15		
20	QPSK	50	0	17.23	17.42	17.37	18.5	0
20	QPSK	50	24	17.21	17.26	17.36		
20	QPSK	50	50	17.21	17.29	17.35		
20	QPSK	100	0	17.22	17.29	17.27		
20	16QAM	1	0	16.78	17.48	17.24	18.5	0
20	16QAM	1	49	17.06	17.22	17.28		
20	16QAM	1	99	16.78	17.00	17.29		
20	16QAM	50	0	17.27	17.24	17.27	18.5	0
20	16QAM	50	24	17.31	17.27	17.39		
20	16QAM	50	50	17.21	17.27	17.33		
20	16QAM	100	0	17.23	17.25	17.31		
20	64QAM	1	0	17.35	17.41	17.35	18.5	0
20	64QAM	1	49	17.21	17.23	16.55		
20	64QAM	1	99	17.22	16.86	17.01		
20	64QAM	50	0	17.28	17.24	17.47	18.5	0
20	64QAM	50	24	17.33	17.33	17.28		
20	64QAM	50	50	17.22	17.30	17.27		
20	64QAM	100	0	17.37	17.30	17.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.22	17.39	17.18	18.5	0
15	QPSK	1	37	16.93	17.00	17.01		
15	QPSK	1	74	16.89	16.92	17.05		
15	QPSK	36	0	17.15	17.26	17.26	18.5	0
15	QPSK	36	20	17.16	17.15	17.27		
15	QPSK	36	39	17.13	17.15	17.27		
15	QPSK	75	0	17.11	17.24	17.12		
15	16QAM	1	0	16.70	17.39	17.08	18.5	0
15	16QAM	1	37	16.96	17.11	17.23		
15	16QAM	1	74	16.63	16.92	17.22		
15	16QAM	36	0	17.13	17.13	17.15	18.5	0
15	16QAM	36	20	17.21	17.12	17.34		
15	16QAM	36	39	17.09	17.17	17.18		
15	16QAM	75	0	17.14	17.14	17.15		
15	64QAM	1	0	17.27	17.35	17.30	18.5	0
15	64QAM	1	37	17.11	17.08	16.56		
15	64QAM	1	74	17.06	16.71	16.90		
15	64QAM	36	0	17.20	17.09	17.36	18.5	0
15	64QAM	36	20	17.17	17.17	17.17		
15	64QAM	36	39	17.10	17.15	17.21		
15	64QAM	75	0	17.22	17.21	17.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.16	17.36	17.10	18.5	0
10	QPSK	1	25	16.94	17.04	17.04		
10	QPSK	1	49	16.89	17.02	17.09		
10	QPSK	25	0	17.08	17.37	17.22	18.5	0
10	QPSK	25	12	17.05	17.15	17.30		
10	QPSK	25	25	17.09	17.15	17.23		
10	QPSK	50	0	17.09	17.21	17.19		
10	16QAM	1	0	16.72	17.43	17.16	18.5	0
10	16QAM	1	25	16.95	17.16	17.15		
10	16QAM	1	49	16.70	16.93	17.17		
10	16QAM	25	0	17.15	17.19	17.18	18.5	0
10	16QAM	25	12	17.20	17.19	17.33		
10	16QAM	25	25	17.13	17.17	17.21		
10	16QAM	50	0	17.12	17.16	17.17		
10	64QAM	1	0	17.28	17.36	17.29	18.5	0
10	64QAM	1	25	17.06	17.12	16.59		
10	64QAM	1	49	17.11	16.81	16.90		
10	64QAM	25	0	17.18	17.19	17.34	18.5	0
10	64QAM	25	12	17.28	17.23	17.12		
10	64QAM	25	25	17.13	17.23	17.13		
10	64QAM	50	0	17.21	17.21	17.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.23	17.41	17.09	18.5	0
5	QPSK	1	12	17.00	17.09	17.05		
5	QPSK	1	24	16.87	16.99	17.03		
5	QPSK	12	0	17.17	17.28	17.27	18.5	0
5	QPSK	12	7	17.16	17.19	17.21		
5	QPSK	12	13	17.16	17.23	17.24		
5	QPSK	25	0	17.08	17.14	17.18		
5	16QAM	1	0	16.69	17.35	17.15	18.5	0
5	16QAM	1	12	16.93	17.16	17.15		
5	16QAM	1	24	16.72	16.94	17.19		
5	16QAM	12	0	17.15	17.17	17.11	18.5	0
5	16QAM	12	7	17.23	17.22	17.26		
5	16QAM	12	13	17.16	17.17	17.23		
5	16QAM	25	0	17.15	17.15	17.26		
5	64QAM	1	0	17.22	17.34	17.25	18.5	0
5	64QAM	1	12	17.10	17.16	16.55		
5	64QAM	1	24	17.07	16.75	16.91		
5	64QAM	12	0	17.17	17.14	17.38	18.5	0
5	64QAM	12	7	17.26	17.22	17.20		
5	64QAM	12	13	17.12	17.21	17.12		
5	64QAM	25	0	17.30	17.15	17.20		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.21	17.39	17.15	18.5	0
3	QPSK	1	8	16.98	16.99	17.01		
3	QPSK	1	14	16.90	17.00	17.04		
3	QPSK	8	0	17.12	17.32	17.26	18.5	0
3	QPSK	8	4	17.07	17.20	17.29		
3	QPSK	8	7	17.11	17.19	17.28		
3	QPSK	15	0	17.08	17.17	17.22		
3	16QAM	1	0	16.71	17.43	17.09	18.5	0
3	16QAM	1	8	16.91	17.15	17.23		
3	16QAM	1	14	16.71	16.86	17.23		
3	16QAM	8	0	17.22	17.18	17.16	18.5	0
3	16QAM	8	4	17.15	17.17	17.32		
3	16QAM	8	7	17.14	17.11	17.19		
3	16QAM	15	0	17.07	17.18	17.23		
3	64QAM	1	0	17.30	17.34	17.22	18.5	0
3	64QAM	1	8	17.14	17.12	16.57		
3	64QAM	1	14	17.06	16.76	16.93		
3	64QAM	8	0	17.16	17.16	17.34	18.5	0
3	64QAM	8	4	17.17	17.17	17.15		
3	64QAM	8	7	17.12	17.21	17.18		
3	64QAM	15	0	17.31	17.16	17.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.21	17.44	17.08	18.5	0
1.4	QPSK	1	3	16.98	16.98	17.05		
1.4	QPSK	1	5	16.83	16.99	17.05		
1.4	QPSK	3	0	17.15	17.36	17.23		
1.4	QPSK	3	1	17.08	17.10	17.30		
1.4	QPSK	3	3	17.16	17.14	17.19		
1.4	QPSK	6	0	17.08	17.19	17.18	18.5	0
1.4	16QAM	1	0	16.62	17.39	17.12	18.5	0
1.4	16QAM	1	3	16.96	17.11	17.15		
1.4	16QAM	1	5	16.64	16.94	17.20		
1.4	16QAM	3	0	17.19	17.15	17.11		
1.4	16QAM	3	1	17.21	17.14	17.33		
1.4	16QAM	3	3	17.09	17.11	17.21		
1.4	16QAM	6	0	17.18	17.14	17.24	18.5	0
1.4	64QAM	1	0	17.29	17.29	17.20	18.5	0
1.4	64QAM	1	3	17.06	17.13	16.58		
1.4	64QAM	1	5	17.06	16.81	16.94		
1.4	64QAM	3	0	17.21	17.13	17.32		
1.4	64QAM	3	1	17.21	17.24	17.12		
1.4	64QAM	3	3	17.15	17.15	17.11		
1.4	64QAM	6	0	17.22	17.14	17.21	18.5	0

Band 2_Ant 31

BW [MHz]	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	20.67	20.95	20.57	21.5	0
20	QPSK	1	49	20.37	20.34	20.39		
20	QPSK	1	99	20.28	20.28	20.43		
20	QPSK	50	0	20.53	20.66	20.56	21.5	0
20	QPSK	50	24	20.50	20.45	20.52		
20	QPSK	50	50	20.45	20.39	20.52		
20	QPSK	100	0	20.40	20.63	20.57		
20	16QAM	1	0	20.65	20.53	20.78	21.5	0
20	16QAM	1	49	20.68	20.75	20.75		
20	16QAM	1	99	20.77	20.59	20.67		
20	16QAM	50	0	20.54	20.39	20.47	21.5	0
20	16QAM	50	24	20.48	20.58	20.63		
20	16QAM	50	50	20.41	20.52	20.63		
20	16QAM	100	0	20.48	20.56	20.60		
20	64QAM	1	0	20.71	20.43	20.73	21.5	0
20	64QAM	1	49	20.68	20.75	20.68		
20	64QAM	1	99	20.40	20.42	20.90		
20	64QAM	50	0	20.49	20.42	20.46	21.5	0
20	64QAM	50	24	20.54	20.51	20.61		
20	64QAM	50	50	20.42	20.42	20.56		
20	64QAM	100	0	20.46	20.42	20.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.62	20.89	20.44	21.5	0
15	QPSK	1	37	20.21	20.28	20.24		
15	QPSK	1	74	20.21	20.18	20.37		
15	QPSK	36	0	20.41	20.59	20.49	21.5	0
15	QPSK	36	20	20.42	20.34	20.37		
15	QPSK	36	39	20.33	20.24	20.39		
15	QPSK	75	0	20.31	20.51	20.42		
15	16QAM	1	0	20.52	20.43	20.72	21.5	0
15	16QAM	1	37	20.53	20.64	20.59		
15	16QAM	1	74	20.71	20.52	20.51		
15	16QAM	36	0	20.47	20.31	20.38	21.5	0
15	16QAM	36	20	20.42	20.43	20.47		
15	16QAM	36	39	20.35	20.37	20.52		
15	16QAM	75	0	20.35	20.42	20.51		
15	64QAM	1	0	20.66	20.28	20.63	21.5	0
15	64QAM	1	37	20.60	20.69	20.59		
15	64QAM	1	74	20.25	20.35	20.83		
15	64QAM	36	0	20.35	20.35	20.30	21.5	0
15	64QAM	36	20	20.40	20.38	20.47		
15	64QAM	36	39	20.28	20.34	20.40		
15	64QAM	75	0	20.38	20.29	20.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.51	20.85	20.50	21.5	0
10	QPSK	1	25	20.29	20.18	20.24		
10	QPSK	1	49	20.15	20.21	20.36		
10	QPSK	25	0	20.42	20.50	20.47	21.5	0
10	QPSK	25	12	20.35	20.29	20.39		
10	QPSK	25	25	20.31	20.29	20.46		
10	QPSK	50	0	20.25	20.51	20.52		
10	16QAM	1	0	20.58	20.45	20.71	21.5	0
10	16QAM	1	25	20.53	20.70	20.66		
10	16QAM	1	49	20.67	20.53	20.51		
10	16QAM	25	0	20.46	20.27	20.36	21.5	0
10	16QAM	25	12	20.35	20.53	20.57		
10	16QAM	25	25	20.32	20.38	20.58		
10	16QAM	50	0	20.40	20.42	20.47		
10	64QAM	1	0	20.61	20.32	20.66	21.5	0
10	64QAM	1	25	20.57	20.69	20.60		
10	64QAM	1	49	20.32	20.35	20.75		
10	64QAM	25	0	20.37	20.34	20.30	21.5	0
10	64QAM	25	12	20.42	20.40	20.56		
10	64QAM	25	25	20.28	20.27	20.41		
10	64QAM	50	0	20.32	20.28	20.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.54	20.86	20.51	21.5	0
5	QPSK	1	12	20.27	20.23	20.29		
5	QPSK	1	24	20.13	20.15	20.34		
5	QPSK	12	0	20.41	20.59	20.40	21.5	0
5	QPSK	12	7	20.37	20.37	20.36		
5	QPSK	12	13	20.36	20.23	20.36		
5	QPSK	25	0	20.25	20.58	20.49		
5	16QAM	1	0	20.50	20.41	20.70	21.5	0
5	16QAM	1	12	20.59	20.60	20.70		
5	16QAM	1	24	20.68	20.52	20.52		
5	16QAM	12	0	20.45	20.24	20.31	21.5	0
5	16QAM	12	7	20.39	20.42	20.55		
5	16QAM	12	13	20.26	20.36	20.53		
5	16QAM	25	0	20.32	20.48	20.53		
5	64QAM	1	0	20.55	20.29	20.65	21.5	0
5	64QAM	1	12	20.61	20.61	20.62		
5	64QAM	1	24	20.29	20.26	20.80		
5	64QAM	12	0	20.36	20.30	20.40	21.5	0
5	64QAM	12	7	20.39	20.43	20.53		
5	64QAM	12	13	20.26	20.26	20.44		
5	64QAM	25	0	20.35	20.36	20.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.59	20.90	20.51	21.5	0
3	QPSK	1	8	20.23	20.27	20.30		
3	QPSK	1	14	20.15	20.22	20.31		
3	QPSK	8	0	20.42	20.60	20.49	21.5	0
3	QPSK	8	4	20.40	20.35	20.40		
3	QPSK	8	7	20.37	20.24	20.40		
3	QPSK	15	0	20.34	20.52	20.49		
3	16QAM	1	0	20.49	20.37	20.65	21.5	0
3	16QAM	1	8	20.56	20.70	20.64		
3	16QAM	1	14	20.69	20.52	20.55		
3	16QAM	8	0	20.45	20.31	20.41	21.5	0
3	16QAM	8	4	20.37	20.46	20.53		
3	16QAM	8	7	20.27	20.44	20.48		
3	16QAM	15	0	20.35	20.50	20.53		
3	64QAM	1	0	20.61	20.38	20.63	21.5	0
3	64QAM	1	8	20.54	20.70	20.60		
3	64QAM	1	14	20.28	20.35	20.76		
3	64QAM	8	0	20.33	20.32	20.33	21.5	0
3	64QAM	8	4	20.42	20.36	20.55		
3	64QAM	8	7	20.26	20.33	20.41		
3	64QAM	15	0	20.31	20.37	20.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.62	20.85	20.49	21.5	0
1.4	QPSK	1	3	20.22	20.20	20.28		
1.4	QPSK	1	5	20.21	20.15	20.36		
1.4	QPSK	3	0	20.43	20.52	20.44		
1.4	QPSK	3	1	20.45	20.40	20.36		
1.4	QPSK	3	3	20.33	20.34	20.41		
1.4	QPSK	6	0	20.29	20.56	20.45	21.5	0
1.4	16QAM	1	0	20.51	20.43	20.71	21.5	0
1.4	16QAM	1	3	20.59	20.68	20.62		
1.4	16QAM	1	5	20.64	20.52	20.54		
1.4	16QAM	3	0	20.42	20.25	20.39		
1.4	16QAM	3	1	20.41	20.53	20.53		
1.4	16QAM	3	3	20.33	20.36	20.55		
1.4	16QAM	6	0	20.38	20.43	20.52	21.5	0
1.4	64QAM	1	0	20.62	20.27	20.62	21.5	0
1.4	64QAM	1	3	20.56	20.64	20.60		
1.4	64QAM	1	5	20.24	20.31	20.79		
1.4	64QAM	3	0	20.38	20.35	20.41		
1.4	64QAM	3	1	20.39	20.35	20.48		
1.4	64QAM	3	3	20.36	20.27	20.46		
1.4	64QAM	6	0	20.38	20.27	20.40	21.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.42	17.70	17.41	18.5	0
20	QPSK	1	49	17.38	17.46	17.33		
20	QPSK	1	99	17.26	17.22	17.18		
20	QPSK	50	0	17.53	17.63	17.57	18.5	0
20	QPSK	50	24	17.51	17.40	17.56		
20	QPSK	50	50	17.36	17.42	17.31		
20	QPSK	100	0	17.51	17.55	17.40		
20	16QAM	1	0	17.33	17.64	17.49	18.5	0
20	16QAM	1	49	17.28	17.55	17.23		
20	16QAM	1	99	17.57	17.32	17.42		
20	16QAM	50	0	17.57	17.45	17.32	18.5	0
20	16QAM	50	24	17.56	17.40	17.55		
20	16QAM	50	50	17.41	17.44	17.37		
20	16QAM	100	0	17.50	17.43	17.46		
20	64QAM	1	0	17.40	17.50	17.26	18.5	0
20	64QAM	1	49	17.10	17.12	16.90		
20	64QAM	1	99	17.66	17.44	17.69		
20	64QAM	50	0	17.33	17.44	17.17	18.5	0
20	64QAM	50	24	17.55	17.51	17.57		
20	64QAM	50	50	17.36	17.38	17.43		
20	64QAM	100	0	17.53	17.35	17.42		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.36	17.59	17.30	18.5	0
15	QPSK	1	37	17.31	17.30	17.19		
15	QPSK	1	74	17.18	17.14	17.10		
15	QPSK	36	0	17.37	17.50	17.46	18.5	0
15	QPSK	36	20	17.35	17.25	17.51		
15	QPSK	36	39	17.20	17.35	17.23		
15	QPSK	75	0	17.40	17.46	17.31		
15	16QAM	1	0	17.27	17.49	17.36	18.5	0
15	16QAM	1	37	17.15	17.49	17.16		
15	16QAM	1	74	17.45	17.24	17.28		
15	16QAM	36	0	17.46	17.36	17.25	18.5	0
15	16QAM	36	20	17.48	17.33	17.40		
15	16QAM	36	39	17.32	17.30	17.25		
15	16QAM	75	0	17.43	17.29	17.32		
15	64QAM	1	0	17.28	17.36	17.10	18.5	0
15	64QAM	1	37	17.04	16.98	16.80		
15	64QAM	1	74	17.54	17.32	17.61		
15	64QAM	36	0	17.26	17.37	17.08	18.5	0
15	64QAM	36	20	17.39	17.39	17.51		
15	64QAM	36	39	17.25	17.33	17.33		
15	64QAM	75	0	17.39	17.29	17.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.31	17.58	17.29	18.5	0
10	QPSK	1	25	17.27	17.30	17.18		
10	QPSK	1	49	17.16	17.06	17.04		
10	QPSK	25	0	17.39	17.55	17.41	18.5	0
10	QPSK	25	12	17.40	17.35	17.47		
10	QPSK	25	25	17.23	17.28	17.16		
10	QPSK	50	0	17.43	17.49	17.27		
10	16QAM	1	0	17.23	17.54	17.33	18.5	0
10	16QAM	1	25	17.18	17.47	17.14		
10	16QAM	1	49	17.44	17.20	17.26		
10	16QAM	25	0	17.45	17.31	17.27	18.5	0
10	16QAM	25	12	17.40	17.29	17.40		
10	16QAM	25	25	17.36	17.31	17.32		
10	16QAM	50	0	17.45	17.33	17.31		
10	64QAM	1	0	17.35	17.42	17.15	18.5	0
10	64QAM	1	25	17.03	17.04	16.79		
10	64QAM	1	49	17.51	17.37	17.55		
10	64QAM	25	0	17.20	17.30	17.09	18.5	0
10	64QAM	25	12	17.39	17.46	17.52		
10	64QAM	25	25	17.23	17.25	17.28		
10	64QAM	50	0	17.45	17.28	17.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.37	17.62	17.28	18.5	0
5	QPSK	1	12	17.27	17.30	17.17		
5	QPSK	1	24	17.14	17.17	17.07		
5	QPSK	12	0	17.48	17.57	17.43	18.5	0
5	QPSK	12	7	17.41	17.31	17.47		
5	QPSK	12	13	17.27	17.30	17.25		
5	QPSK	25	0	17.36	17.40	17.32		
5	16QAM	1	0	17.27	17.51	17.43	18.5	0
5	16QAM	1	12	17.22	17.49	17.17		
5	16QAM	1	24	17.44	17.20	17.29		
5	16QAM	12	0	17.50	17.32	17.27	18.5	0
5	16QAM	12	7	17.46	17.33	17.44		
5	16QAM	12	13	17.26	17.32	17.27		
5	16QAM	25	0	17.39	17.30	17.32		
5	64QAM	1	0	17.30	17.44	17.12	18.5	0
5	64QAM	1	12	16.97	17.00	16.78		
5	64QAM	1	24	17.50	17.34	17.55		
5	64QAM	12	0	17.27	17.36	17.09	18.5	0
5	64QAM	12	7	17.50	17.38	17.47		
5	64QAM	12	13	17.28	17.22	17.27		
5	64QAM	25	0	17.42	17.25	17.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.27	17.61	17.31	18.5	0
3	QPSK	1	8	17.33	17.34	17.21		
3	QPSK	1	14	17.21	17.08	17.05		
3	QPSK	8	0	17.43	17.48	17.51	18.5	0
3	QPSK	8	4	17.37	17.24	17.46		
3	QPSK	8	7	17.27	17.27	17.19		
3	QPSK	15	0	17.37	17.43	17.33		
3	16QAM	1	0	17.22	17.54	17.37	18.5	0
3	16QAM	1	8	17.19	17.39	17.09		
3	16QAM	1	14	17.44	17.26	17.27		
3	16QAM	8	0	17.43	17.31	17.25	18.5	0
3	16QAM	8	4	17.48	17.26	17.46		
3	16QAM	8	7	17.33	17.28	17.27		
3	16QAM	15	0	17.38	17.35	17.34		
3	64QAM	1	0	17.31	17.41	17.16	18.5	0
3	64QAM	1	8	16.96	16.98	16.82		
3	64QAM	1	14	17.56	17.38	17.57		
3	64QAM	8	0	17.27	17.39	17.03	18.5	0
3	64QAM	8	4	17.40	17.35	17.42		
3	64QAM	8	7	17.24	17.22	17.29		
3	64QAM	15	0	17.47	17.24	17.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.26	17.58	17.33	18.5	0
1.4	QPSK	1	3	17.28	17.32	17.23		
1.4	QPSK	1	5	17.20	17.12	17.05		
1.4	QPSK	3	0	17.44	17.52	17.52		
1.4	QPSK	3	1	17.45	17.24	17.51		
1.4	QPSK	3	3	17.29	17.28	17.25		
1.4	QPSK	6	0	17.43	17.40	17.28	18.5	0
1.4	16QAM	1	0	17.20	17.53	17.43	18.5	0
1.4	16QAM	1	3	17.23	17.48	17.17		
1.4	16QAM	1	5	17.44	17.19	17.33		
1.4	16QAM	3	0	17.41	17.32	17.22		
1.4	16QAM	3	1	17.47	17.33	17.43		
1.4	16QAM	3	3	17.27	17.36	17.29		
1.4	16QAM	6	0	17.43	17.37	17.33	18.5	0
1.4	64QAM	1	0	17.29	17.35	17.18	18.5	0
1.4	64QAM	1	3	17.04	16.97	16.77		
1.4	64QAM	1	5	17.59	17.36	17.64		
1.4	64QAM	3	0	17.20	17.38	17.03		
1.4	64QAM	3	1	17.46	17.41	17.42		
1.4	64QAM	3	3	17.22	17.30	17.35		
1.4	64QAM	6	0	17.44	17.29	17.34	18.5	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.65	20.94	20.66	21.5	0
20	QPSK	1	49	20.63	20.92	20.36		
20	QPSK	1	99	20.34	20.50	20.43		
20	QPSK	50	0	20.66	20.82	20.64	21.5	0
20	QPSK	50	24	20.58	20.66	20.63		
20	QPSK	50	50	20.53	20.54	20.63		
20	QPSK	100	0	20.56	20.66	20.64		
20	16QAM	1	0	20.59	20.78	19.87	21.5	0
20	16QAM	1	49	20.60	20.35	20.31		
20	16QAM	1	99	20.31	20.23	20.52		
20	16QAM	50	0	20.19	20.21	20.18	21.5	0
20	16QAM	50	24	20.23	20.24	20.25		
20	16QAM	50	50	20.16	20.18	20.19		
20	16QAM	100	0	20.20	20.19	20.28		
20	64QAM	1	0	20.64	20.20	20.15	21.5	0
20	64QAM	1	49	20.21	20.41	20.30		
20	64QAM	1	99	20.47	19.85	19.81		
20	64QAM	50	0	20.14	20.12	20.29	21.5	0
20	64QAM	50	24	20.19	20.15	20.26		
20	64QAM	50	50	20.23	20.19	20.24		
20	64QAM	100	0	20.23	20.14	20.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.53	20.83	20.55	21.5	0
15	QPSK	1	37	20.58	20.83	20.23		
15	QPSK	1	74	20.24	20.40	20.34		
15	QPSK	36	0	20.61	20.66	20.52	21.5	0
15	QPSK	36	20	20.44	20.50	20.49		
15	QPSK	36	39	20.42	20.40	20.58		
15	QPSK	75	0	20.51	20.50	20.57		
15	16QAM	1	0	20.49	20.66	19.81	21.5	0
15	16QAM	1	37	20.44	20.20	20.20		
15	16QAM	1	74	20.23	20.07	20.47		
15	16QAM	36	0	20.09	20.10	20.02	21.5	0
15	16QAM	36	20	20.14	20.08	20.10		
15	16QAM	36	39	20.10	20.13	20.08		
15	16QAM	75	0	20.14	20.14	20.14		
15	64QAM	1	0	20.53	20.13	20.07	21.5	0
15	64QAM	1	37	20.12	20.26	20.19		
15	64QAM	1	74	20.42	19.77	19.65		
15	64QAM	36	0	19.98	19.98	20.21	21.5	0
15	64QAM	36	20	20.07	20.02	20.21		
15	64QAM	36	39	20.16	20.12	20.19		
15	64QAM	75	0	20.10	20.08	20.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.60	20.84	20.55	21.5	0
10	QPSK	1	25	20.53	20.85	20.28		
10	QPSK	1	49	20.23	20.40	20.31		
10	QPSK	25	0	20.59	20.73	20.48	21.5	0
10	QPSK	25	12	20.51	20.59	20.47		
10	QPSK	25	25	20.38	20.45	20.56		
10	QPSK	50	0	20.45	20.50	20.56		
10	16QAM	1	0	20.45	20.64	19.71	21.5	0
10	16QAM	1	25	20.50	20.29	20.15		
10	16QAM	1	49	20.19	20.17	20.39		
10	16QAM	25	0	20.14	20.08	20.02	21.5	0
10	16QAM	25	12	20.18	20.19	20.10		
10	16QAM	25	25	20.09	20.08	20.13		
10	16QAM	50	0	20.11	20.05	20.16		
10	64QAM	1	0	20.49	20.08	19.99	21.5	0
10	64QAM	1	25	20.12	20.35	20.14		
10	64QAM	1	49	20.37	19.80	19.66		
10	64QAM	25	0	20.05	19.96	20.15	21.5	0
10	64QAM	25	12	20.04	20.06	20.20		
10	64QAM	25	25	20.10	20.13	20.09		
10	64QAM	50	0	20.15	20.06	20.12		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.54	20.80	20.56	21.5	0
5	QPSK	1	12	20.54	20.80	20.24		
5	QPSK	1	24	20.20	20.43	20.32		
5	QPSK	12	0	20.51	20.69	20.48	21.5	0
5	QPSK	12	7	20.46	20.50	20.49		
5	QPSK	12	13	20.47	20.48	20.51		
5	QPSK	25	0	20.40	20.60	20.56		
5	16QAM	1	0	20.53	20.65	19.78	21.5	0
5	16QAM	1	12	20.52	20.22	20.16		
5	16QAM	1	24	20.15	20.17	20.42		
5	16QAM	12	0	20.10	20.11	20.08	21.5	0
5	16QAM	12	7	20.07	20.08	20.17		
5	16QAM	12	13	20.10	20.04	20.14		
5	16QAM	25	0	20.07	20.03	20.18		
5	64QAM	1	0	20.59	20.05	19.99	21.5	0
5	64QAM	1	12	20.11	20.33	20.23		
5	64QAM	1	24	20.36	19.75	19.73		
5	64QAM	12	0	20.09	20.01	20.23	21.5	0
5	64QAM	12	7	20.14	20.02	20.13		
5	64QAM	12	13	20.11	20.09	20.11		
5	64QAM	25	0	20.10	20.03	20.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.55	20.80	20.59	21.5	0
3	QPSK	1	8	20.49	20.84	20.28		
3	QPSK	1	14	20.29	20.45	20.27		
3	QPSK	8	0	20.57	20.76	20.57	21.5	0
3	QPSK	8	4	20.49	20.58	20.54		
3	QPSK	8	7	20.48	20.47	20.54		
3	QPSK	15	0	20.44	20.55	20.55		
3	16QAM	1	0	20.45	20.64	19.77	21.5	0
3	16QAM	1	8	20.49	20.30	20.23		
3	16QAM	1	14	20.19	20.17	20.45		
3	16QAM	8	0	20.04	20.12	20.02	21.5	0
3	16QAM	8	4	20.08	20.11	20.14		
3	16QAM	8	7	20.09	20.08	20.07		
3	16QAM	15	0	20.07	20.06	20.18		
3	64QAM	1	0	20.58	20.10	20.06	21.5	0
3	64QAM	1	8	20.16	20.32	20.17		
3	64QAM	1	14	20.34	19.78	19.69		
3	64QAM	8	0	20.04	20.01	20.18	21.5	0
3	64QAM	8	4	20.12	20.01	20.18		
3	64QAM	8	7	20.11	20.14	20.13		
3	64QAM	15	0	20.09	19.98	20.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.52	20.83	20.52	21.5	0
1.4	QPSK	1	3	20.54	20.85	20.23		
1.4	QPSK	1	5	20.23	20.35	20.29		
1.4	QPSK	3	0	20.50	20.68	20.59		
1.4	QPSK	3	1	20.45	20.58	20.57		
1.4	QPSK	3	3	20.42	20.47	20.50		
1.4	QPSK	6	0	20.48	20.59	20.50	21.5	0
1.4	16QAM	1	0	20.45	20.72	19.76	21.5	0
1.4	16QAM	1	3	20.54	20.19	20.22		
1.4	16QAM	1	5	20.21	20.10	20.44		
1.4	16QAM	3	0	20.04	20.05	20.02		
1.4	16QAM	3	1	20.12	20.17	20.12		
1.4	16QAM	3	3	20.05	20.06	20.10		
1.4	16QAM	6	0	20.09	20.14	20.20	21.5	0
1.4	64QAM	1	0	20.53	20.11	20.01	21.5	0
1.4	64QAM	1	3	20.15	20.33	20.19		
1.4	64QAM	1	5	20.31	19.72	19.75		
1.4	64QAM	3	0	19.98	20.00	20.19		
1.4	64QAM	3	1	20.09	20.07	20.16		
1.4	64QAM	3	3	20.13	20.13	20.12		
1.4	64QAM	6	0	20.16	19.99	20.19	21.5	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.47	19.67	19.61	20.5	0
20	QPSK	1	49	19.32	19.63	19.57		
20	QPSK	1	99	19.41	19.46	19.29		
20	QPSK	50	0	19.45	19.66	19.60	20.5	0
20	QPSK	50	24	19.59	19.56	19.63		
20	QPSK	50	50	19.51	19.56	19.55		
20	QPSK	100	0	19.55	19.63	19.60		
20	16QAM	1	0	19.43	19.36	19.47	20.5	0
20	16QAM	1	49	19.47	18.99	19.39		
20	16QAM	1	99	19.12	19.29	18.98		
20	16QAM	50	0	18.95	18.93	19.02	20.5	0
20	16QAM	50	24	19.01	18.99	19.09		
20	16QAM	50	50	19.01	18.92	18.89		
20	16QAM	100	0	19.01	18.96	19.04		
20	64QAM	1	0	19.29	19.18	19.17	20.5	0
20	64QAM	1	49	19.33	19.55	19.25		
20	64QAM	1	99	19.18	19.02	18.89		
20	64QAM	50	0	18.94	18.94	19.01	20.5	0
20	64QAM	50	24	19.09	18.98	19.06		
20	64QAM	50	50	19.00	18.90	18.85		
20	64QAM	100	0	19.03	18.89	19.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.41	19.57	19.56	20.5	0
15	QPSK	1	37	19.25	19.49	19.51		
15	QPSK	1	74	19.36	19.30	19.17		
15	QPSK	36	0	19.33	19.54	19.53	20.5	0
15	QPSK	36	20	19.53	19.42	19.58		
15	QPSK	36	39	19.46	19.47	19.49		
15	QPSK	75	0	19.44	19.48	19.51		
15	16QAM	1	0	19.29	19.29	19.33	20.5	0
15	16QAM	1	37	19.31	18.84	19.28		
15	16QAM	1	74	18.98	19.13	18.88		
15	16QAM	36	0	18.79	18.80	18.92	20.5	0
15	16QAM	36	20	18.92	18.85	19.00		
15	16QAM	36	39	18.92	18.80	18.81		
15	16QAM	75	0	18.86	18.90	18.89		
15	64QAM	1	0	19.19	19.07	19.06	20.5	0
15	64QAM	1	37	19.26	19.49	19.13		
15	64QAM	1	74	19.04	18.88	18.82		
15	64QAM	36	0	18.83	18.85	18.87	20.5	0
15	64QAM	36	20	19.01	18.88	18.95		
15	64QAM	36	39	18.95	18.82	18.77		
15	64QAM	75	0	18.90	18.84	18.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.40	19.59	19.46	20.5	0
10	QPSK	1	25	19.23	19.56	19.41		
10	QPSK	1	49	19.33	19.34	19.18		
10	QPSK	25	0	19.38	19.57	19.55	20.5	0
10	QPSK	25	12	19.51	19.50	19.53		
10	QPSK	25	25	19.44	19.50	19.44		
10	QPSK	50	0	19.46	19.53	19.51		
10	16QAM	1	0	19.30	19.27	19.34	20.5	0
10	16QAM	1	25	19.31	18.91	19.33		
10	16QAM	1	49	18.97	19.17	18.86		
10	16QAM	25	0	18.89	18.84	18.91	20.5	0
10	16QAM	25	12	18.93	18.89	19.00		
10	16QAM	25	25	18.87	18.77	18.83		
10	16QAM	50	0	18.87	18.90	18.91		
10	64QAM	1	0	19.22	19.03	19.01	20.5	0
10	64QAM	1	25	19.19	19.42	19.15		
10	64QAM	1	49	19.04	18.96	18.77		
10	64QAM	25	0	18.83	18.81	18.91	20.5	0
10	64QAM	25	12	18.94	18.84	18.99		
10	64QAM	25	25	18.88	18.85	18.80		
10	64QAM	50	0	18.90	18.77	18.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.32	19.51	19.50	20.5	0
5	QPSK	1	12	19.20	19.58	19.46		
5	QPSK	1	24	19.36	19.41	19.18		
5	QPSK	12	0	19.31	19.55	19.46	20.5	0
5	QPSK	12	7	19.52	19.43	19.50		
5	QPSK	12	13	19.46	19.40	19.50		
5	QPSK	25	0	19.48	19.58	19.48		
5	16QAM	1	0	19.38	19.25	19.31	20.5	0
5	16QAM	1	12	19.38	18.92	19.24		
5	16QAM	1	24	18.98	19.24	18.82		
5	16QAM	12	0	18.90	18.88	18.94	20.5	0
5	16QAM	12	7	18.90	18.86	18.96		
5	16QAM	12	13	18.86	18.80	18.73		
5	16QAM	25	0	18.96	18.84	18.99		
5	64QAM	1	0	19.22	19.04	19.06	20.5	0
5	64QAM	1	12	19.18	19.45	19.20		
5	64QAM	1	24	19.05	18.97	18.78		
5	64QAM	12	0	18.87	18.78	18.93	20.5	0
5	64QAM	12	7	19.03	18.88	18.91		
5	64QAM	12	13	18.94	18.74	18.74		
5	64QAM	25	0	18.92	18.79	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.36	19.59	19.52	20.5	0
3	QPSK	1	8	19.27	19.57	19.46		
3	QPSK	1	14	19.31	19.33	19.23		
3	QPSK	8	0	19.40	19.52	19.52	20.5	0
3	QPSK	8	4	19.46	19.42	19.49		
3	QPSK	8	7	19.36	19.40	19.45		
3	QPSK	15	0	19.49	19.54	19.44		
3	16QAM	1	0	19.32	19.25	19.38	20.5	0
3	16QAM	1	8	19.37	18.92	19.30		
3	16QAM	1	14	18.99	19.14	18.88		
3	16QAM	8	0	18.81	18.81	18.86	20.5	0
3	16QAM	8	4	18.86	18.90	18.93		
3	16QAM	8	7	18.85	18.87	18.74		
3	16QAM	15	0	18.95	18.87	18.99		
3	64QAM	1	0	19.14	19.06	19.10	20.5	0
3	64QAM	1	8	19.23	19.46	19.14		
3	64QAM	1	14	19.12	18.92	18.80		
3	64QAM	8	0	18.80	18.84	18.94	20.5	0
3	64QAM	8	4	19.02	18.85	18.98		
3	64QAM	8	7	18.92	18.78	18.78		
3	64QAM	15	0	18.96	18.75	18.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.33	19.59	19.45	20.5	0
1.4	QPSK	1	3	19.27	19.56	19.46		
1.4	QPSK	1	5	19.28	19.33	19.21		
1.4	QPSK	3	0	19.37	19.53	19.47		
1.4	QPSK	3	1	19.43	19.47	19.55		
1.4	QPSK	3	3	19.40	19.45	19.41		
1.4	QPSK	6	0	19.43	19.52	19.55	20.5	0
1.4	16QAM	1	0	19.38	19.26	19.41	20.5	0
1.4	16QAM	1	3	19.40	18.93	19.26		
1.4	16QAM	1	5	18.99	19.24	18.86		
1.4	16QAM	3	0	18.80	18.87	18.93		
1.4	16QAM	3	1	18.88	18.85	18.95		
1.4	16QAM	3	3	18.90	18.82	18.80		
1.4	16QAM	6	0	18.85	18.83	18.96	20.5	0
1.4	64QAM	1	0	19.20	19.02	19.08	20.5	0
1.4	64QAM	1	3	19.21	19.47	19.12		
1.4	64QAM	1	5	19.11	18.91	18.79		
1.4	64QAM	3	0	18.88	18.87	18.94		
1.4	64QAM	3	1	19.04	18.87	18.96		
1.4	64QAM	3	3	18.89	18.82	18.79		
1.4	64QAM	6	0	18.96	18.78	18.90	20.5	0

Band 5_Ant 11

BW [MHz]	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	22.81	23.11	23.00	24	0
10	QPSK	1	25	22.95	22.93	22.94		
10	QPSK	1	49	23.01	22.85	22.89		
10	QPSK	25	0	23.01	23.08	23.00	24	0
10	QPSK	25	12	22.92	22.98	23.07		
10	QPSK	25	25	23.07	22.99	23.06		
10	QPSK	50	0	23.08	23.10	23.09		
10	16QAM	1	0	23.01	23.09	22.85	24	0
10	16QAM	1	25	23.03	23.04	22.83		
10	16QAM	1	49	22.93	22.82	22.92		
10	16QAM	25	0	21.88	21.67	21.81	23	1
10	16QAM	25	12	21.84	21.74	21.84		
10	16QAM	25	25	21.72	21.76	21.87		
10	16QAM	50	0	21.78	21.65	21.82		
10	64QAM	1	0	22.13	21.86	21.96	23	1
10	64QAM	1	25	21.97	22.07	22.10		
10	64QAM	1	49	22.31	22.26	21.46		
10	64QAM	25	0	20.76	20.71	20.73	22	2
10	64QAM	25	12	20.79	20.62	20.86		
10	64QAM	25	25	20.82	20.65	20.76		
10	64QAM	50	0	20.88	20.67	20.82		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.67	22.98	22.90	24	0
5	QPSK	1	12	22.88	22.85	22.82		
5	QPSK	1	24	22.86	22.80	22.77		
5	QPSK	12	0	22.96	23.01	22.87	24	0
5	QPSK	12	7	22.81	22.86	22.92		
5	QPSK	12	13	22.93	22.93	22.96		
5	QPSK	25	0	22.99	22.96	22.93		
5	16QAM	1	0	22.94	23.01	22.76	24	0
5	16QAM	1	12	22.94	22.98	22.71		
5	16QAM	1	24	22.81	22.75	22.83		
5	16QAM	12	0	21.82	21.58	21.67	23	1
5	16QAM	12	7	21.69	21.69	21.69		
5	16QAM	12	13	21.64	21.63	21.76		
5	16QAM	25	0	21.66	21.60	21.77		
5	64QAM	1	0	22.00	21.74	21.86	23	1
5	64QAM	1	12	21.87	21.98	21.96		
5	64QAM	1	24	22.24	22.13	21.32		
5	64QAM	12	0	20.67	20.56	20.67	22	2
5	64QAM	12	7	20.64	20.55	20.71		
5	64QAM	12	13	20.71	20.55	20.67		
5	64QAM	25	0	20.72	20.59	20.73		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.75	23.06	22.94	24	0
3	QPSK	1	8	22.87	22.83	22.85		
3	QPSK	1	14	22.93	22.75	22.74		
3	QPSK	8	0	22.91	22.94	22.89	24	0
3	QPSK	8	4	22.78	22.87	22.93		
3	QPSK	8	7	23.01	22.89	22.92		
3	QPSK	15	0	23.02	22.95	22.97		
3	16QAM	1	0	22.89	22.97	22.72	24	0
3	16QAM	1	8	22.89	22.89	22.67		
3	16QAM	1	14	22.86	22.67	22.77		
3	16QAM	8	0	21.79	21.55	21.73	23	1
3	16QAM	8	4	21.75	21.64	21.71		
3	16QAM	8	7	21.56	21.63	21.81		
3	16QAM	15	0	21.69	21.54	21.74		
3	64QAM	1	0	22.02	21.76	21.89	23	1
3	64QAM	1	8	21.81	22.02	22.03		
3	64QAM	1	14	22.22	22.15	21.32		
3	64QAM	8	0	20.69	20.66	20.67	22	2
3	64QAM	8	4	20.64	20.57	20.76		
3	64QAM	8	7	20.74	20.55	20.61		
3	64QAM	15	0	20.72	20.60	20.68		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.74	23.03	22.84	24	0
1.4	QPSK	1	3	22.80	22.82	22.88		
1.4	QPSK	1	5	22.91	22.78	22.80		
1.4	QPSK	3	0	22.92	23.03	22.93		
1.4	QPSK	3	1	22.81	22.85	22.98		
1.4	QPSK	3	3	22.97	22.90	23.00		
1.4	QPSK	6	0	22.94	23.03	22.95	24	0
1.4	16QAM	1	0	22.89	23.03	22.70	24	0
1.4	16QAM	1	3	22.90	22.89	22.73		
1.4	16QAM	1	5	22.87	22.68	22.79		
1.4	16QAM	3	0	22.76	22.96	22.65		
1.4	16QAM	3	1	22.77	22.73	22.66		
1.4	16QAM	3	3	22.80	22.59	22.71		
1.4	16QAM	6	0	21.68	21.51	21.66	23	1
1.4	64QAM	1	0	22.00	21.80	21.90	23	1
1.4	64QAM	1	3	21.82	21.95	22.05		
1.4	64QAM	1	5	22.20	22.12	21.33		
1.4	64QAM	3	0	21.94	21.75	21.77		
1.4	64QAM	3	1	21.75	21.84	21.97		
1.4	64QAM	3	3	22.05	21.98	21.25		
1.4	64QAM	6	0	20.73	20.55	20.71	22	2

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.37	19.59	19.57	20	0
20	QPSK	1	49	19.33	19.57	19.49		
20	QPSK	1	99	19.29	19.57	19.56		
20	QPSK	50	0	19.29	19.57	19.49	20	0
20	QPSK	50	24	19.26	19.52	19.46		
20	QPSK	50	50	19.24	19.5	19.41		
20	QPSK	100	0	19.3	19.38	19.33		
20	16QAM	1	0	19.14	19.22	18.71	20	0
20	16QAM	1	49	19.23	19.51	19.16		
20	16QAM	1	99	19.53	19.32	18.98		
20	16QAM	50	0	18.81	19.04	19.04	20	0
20	16QAM	50	24	18.97	19.04	19.24		
20	16QAM	50	50	19.04	19.25	19.22		
20	16QAM	100	0	18.97	19.01	19.12		
20	64QAM	1	0	18.72	18.96	19.13	20	0
20	64QAM	1	49	19.45	19.26	19.28		
20	64QAM	1	99	19.23	19.56	18.95		
20	64QAM	50	0	18.78	19.1	19.02	20	0
20	64QAM	50	24	18.89	19.06	19.24		
20	64QAM	50	50	19.05	19.1	19.13		
20	64QAM	100	0	19.03	19.13	19.12		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.31	19.46	19.48	20	0
15	QPSK	1	37	19.25	19.46	19.37		
15	QPSK	1	74	19.19	19.43	19.44		
15	QPSK	36	0	19.14	19.46	19.38	20	0
15	QPSK	36	20	19.11	19.46	19.38		
15	QPSK	36	39	19.10	19.36	19.30		
15	QPSK	75	0	19.15	19.25	19.18		
15	16QAM	1	0	19.00	19.09	18.55	20	0
15	16QAM	1	37	19.11	19.36	19.10		
15	16QAM	1	74	19.47	19.25	18.92		
15	16QAM	36	0	18.66	18.89	18.97	20	0
15	16QAM	36	20	18.92	18.99	19.10		
15	16QAM	36	39	18.94	19.11	19.11		
15	16QAM	75	0	18.86	18.95	18.99		
15	64QAM	1	0	18.59	18.85	19.01	20	0
15	64QAM	1	37	19.30	19.14	19.21		
15	64QAM	1	74	19.10	19.51	18.83		
15	64QAM	36	0	18.65	19.04	18.88	20	0
15	64QAM	36	20	18.83	18.90	19.08		
15	64QAM	36	39	19.00	19.05	19.06		
15	64QAM	75	0	18.93	19.05	18.96		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.29	19.52	19.42	20	0
10	QPSK	1	25	19.18	19.50	19.44		
10	QPSK	1	49	19.16	19.43	19.49		
10	QPSK	25	0	19.22	19.42	19.41	20	0
10	QPSK	25	12	19.10	19.43	19.35		
10	QPSK	25	25	19.17	19.41	19.28		
10	QPSK	50	0	19.24	19.23	19.25		
10	16QAM	1	0	19.08	19.16	18.61	20	0
10	16QAM	1	25	19.10	19.38	19.03		
10	16QAM	1	49	19.39	19.24	18.87		
10	16QAM	25	0	18.70	18.94	18.97	20	0
10	16QAM	25	12	18.83	18.90	19.15		
10	16QAM	25	25	18.99	19.14	19.17		
10	16QAM	50	0	18.89	18.91	19.04		
10	64QAM	1	0	18.61	18.83	19.04	20	0
10	64QAM	1	25	19.36	19.15	19.22		
10	64QAM	1	49	19.08	19.46	18.89		
10	64QAM	25	0	18.68	18.97	18.96	20	0
10	64QAM	25	12	18.82	18.96	19.18		
10	64QAM	25	25	18.91	18.95	18.98		
10	64QAM	50	0	18.95	19.04	19.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2507.5		
5	QPSK	1	0	19.25	19.54	19.51	20	0
5	QPSK	1	12	19.24	19.49	19.40		
5	QPSK	1	24	19.23	19.51	19.50		
5	QPSK	12	0	19.15	19.46	19.34	20	0
5	QPSK	12	7	19.17	19.37	19.32		
5	QPSK	12	13	19.11	19.34	19.29		
5	QPSK	25	0	19.19	19.29	19.21		
5	16QAM	1	0	19.01	19.08	18.55	20	0
5	16QAM	1	12	19.09	19.41	19.09		
5	16QAM	1	24	19.39	19.27	18.84		
5	16QAM	12	0	18.76	18.96	18.95	20	0
5	16QAM	12	7	18.92	18.96	19.08		
5	16QAM	12	13	18.88	19.09	19.13		
5	16QAM	25	0	18.87	18.93	19.02		
5	64QAM	1	0	18.67	18.87	19.05	20	0
5	64QAM	1	12	19.34	19.11	19.17		
5	64QAM	1	24	19.10	19.49	18.89		
5	64QAM	12	0	18.70	18.97	18.88	20	0
5	64QAM	12	7	18.82	18.97	19.10		
5	64QAM	12	13	18.93	18.94	18.98		
5	64QAM	25	0	18.90	19.00	18.98		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.07	21.15	21.05	22	0
20	QPSK	1	49	20.79	20.70	20.89		
20	QPSK	1	99	20.62	20.80	20.92		
20	QPSK	50	0	20.96	21.09	20.95	22	0
20	QPSK	50	24	20.93	20.96	20.86		
20	QPSK	50	50	20.94	21.01	20.92		
20	QPSK	100	0	20.84	20.88	20.83		
20	16QAM	1	0	20.64	20.79	21.03	22	0
20	16QAM	1	49	20.33	20.70	21.09		
20	16QAM	1	99	20.35	20.46	20.30		
20	16QAM	50	0	20.55	20.56	20.58	22	0
20	16QAM	50	24	20.68	20.76	20.64		
20	16QAM	50	50	20.69	20.73	20.73		
20	16QAM	100	0	20.65	20.55	20.65		
20	64QAM	1	0	20.87	20.62	20.26	22	0
20	64QAM	1	49	21.13	20.61	20.59		
20	64QAM	1	99	20.46	20.63	20.86		
20	64QAM	50	0	20.46	20.63	20.58	22	0
20	64QAM	50	24	20.65	20.69	20.65		
20	64QAM	50	50	20.70	20.68	20.70		
20	64QAM	100	0	20.54	20.65	20.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.98	21.10	20.91	22	0
15	QPSK	1	37	20.73	20.56	20.76		
15	QPSK	1	74	20.46	20.69	20.82		
15	QPSK	36	0	20.81	21.04	20.87	22	0
15	QPSK	36	20	20.82	20.86	20.76		
15	QPSK	36	39	20.83	20.88	20.79		
15	QPSK	75	0	20.79	20.79	20.75		
15	16QAM	1	0	20.48	20.68	20.93	22	0
15	16QAM	1	37	20.18	20.56	20.96		
15	16QAM	1	74	20.20	20.34	20.21		
15	16QAM	36	0	20.41	20.46	20.45	22	0
15	16QAM	36	20	20.63	20.68	20.59		
15	16QAM	36	39	20.55	20.61	20.61		
15	16QAM	75	0	20.50	20.42	20.55		
15	64QAM	1	0	20.74	20.55	20.20	22	0
15	64QAM	1	37	21.00	20.53	20.48		
15	64QAM	1	74	20.30	20.47	20.78		
15	64QAM	36	0	20.31	20.57	20.45	22	0
15	64QAM	36	20	20.60	20.57	20.51		
15	64QAM	36	39	20.54	20.57	20.59		
15	64QAM	75	0	20.41	20.51	20.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.98	21.04	20.99	22	0
10	QPSK	1	25	20.70	20.57	20.82		
10	QPSK	1	49	20.56	20.71	20.79		
10	QPSK	25	0	20.85	20.99	20.89	22	0
10	QPSK	25	12	20.79	20.83	20.71		
10	QPSK	25	25	20.89	20.86	20.86		
10	QPSK	50	0	20.77	20.75	20.70		
10	16QAM	1	0	20.52	20.73	20.87	22	0
10	16QAM	1	25	20.21	20.57	21.00		
10	16QAM	1	49	20.30	20.39	20.22		
10	16QAM	25	0	20.47	20.46	20.50	22	0
10	16QAM	25	12	20.56	20.60	20.54		
10	16QAM	25	25	20.62	20.57	20.63		
10	16QAM	50	0	20.57	20.50	20.52		
10	64QAM	1	0	20.75	20.49	20.21	22	0
10	64QAM	1	25	20.97	20.49	20.51		
10	64QAM	1	49	20.39	20.56	20.81		
10	64QAM	25	0	20.32	20.51	20.48	22	0
10	64QAM	25	12	20.52	20.64	20.50		
10	64QAM	25	25	20.57	20.59	20.65		
10	64QAM	50	0	20.48	20.57	20.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.01	21.00	20.93	22	0
5	QPSK	1	12	20.64	20.54	20.82		
5	QPSK	1	24	20.56	20.73	20.85		
5	QPSK	12	0	20.86	20.99	20.82	22	0
5	QPSK	12	7	20.86	20.83	20.71		
5	QPSK	12	13	20.82	20.96	20.86		
5	QPSK	25	0	20.72	20.77	20.70		
5	16QAM	1	0	20.51	20.63	20.88	22	0
5	16QAM	1	12	20.23	20.54	20.96		
5	16QAM	1	24	20.27	20.36	20.24		
5	16QAM	12	0	20.45	20.41	20.50	22	0
5	16QAM	12	7	20.55	20.71	20.57		
5	16QAM	12	13	20.54	20.60	20.64		
5	16QAM	25	0	20.55	20.50	20.52		
5	64QAM	1	0	20.72	20.52	20.17	22	0
5	64QAM	1	12	21.08	20.46	20.46		
5	64QAM	1	24	20.33	20.48	20.74		
5	64QAM	12	0	20.35	20.52	20.53	22	0
5	64QAM	12	7	20.51	20.61	20.50		
5	64QAM	12	13	20.64	20.55	20.59		
5	64QAM	25	0	20.40	20.54	20.63		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.73	20.78	20.70	21.5	0
20	QPSK	1	49	20.40	20.63	20.67		
20	QPSK	1	99	20.35	20.38	20.60		
20	QPSK	50	0	20.49	20.77	20.67	21.5	0
20	QPSK	50	24	20.38	20.72	20.60		
20	QPSK	50	50	20.39	20.70	20.60		
20	QPSK	100	0	20.53	20.73	20.71		
20	16QAM	1	0	20.36	20.25	20.68	21.5	0
20	16QAM	1	49	20.64	20.41	20.70		
20	16QAM	1	99	20.58	20.35	20.73		
20	16QAM	50	0	20.22	20.40	20.48	21.5	0
20	16QAM	50	24	20.33	20.43	20.55		
20	16QAM	50	50	20.25	20.56	20.52		
20	16QAM	100	0	20.23	20.36	20.52		
20	64QAM	1	0	20.17	20.71	20.23	21.5	0
20	64QAM	1	49	20.32	20.64	20.50		
20	64QAM	1	99	20.27	20.68	20.36		
20	64QAM	50	0	19.64	19.78	19.92	21	0.5
20	64QAM	50	24	19.72	19.74	19.86		
20	64QAM	50	50	19.82	20.01	20.08		
20	64QAM	100	0	19.78	19.89	19.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.64	20.62	20.64	21.5	0
15	QPSK	1	37	20.30	20.47	20.55		
15	QPSK	1	74	20.23	20.25	20.50		
15	QPSK	36	0	20.35	20.66	20.55	21.5	0
15	QPSK	36	20	20.30	20.64	20.45		
15	QPSK	36	39	20.33	20.58	20.52		
15	QPSK	75	0	20.48	20.61	20.57		
15	16QAM	1	0	20.23	20.09	20.55	21.5	0
15	16QAM	1	37	20.48	20.25	20.63		
15	16QAM	1	74	20.46	20.25	20.66		
15	16QAM	36	0	20.08	20.26	20.40	21.5	0
15	16QAM	36	20	20.17	20.37	20.49		
15	16QAM	36	39	20.14	20.41	20.38		
15	16QAM	75	0	20.07	20.28	20.41		
15	64QAM	1	0	20.09	20.66	20.17	21.5	0
15	64QAM	1	37	20.22	20.56	20.41		
15	64QAM	1	74	20.19	20.62	20.20		
15	64QAM	36	0	19.50	19.64	19.78	21	0.5
15	64QAM	36	20	19.57	19.61	19.81		
15	64QAM	36	39	19.67	19.96	20.01		
15	64QAM	75	0	19.64	19.83	19.92		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.61	20.69	20.62	21.5	0
10	QPSK	1	25	20.24	20.56	20.56		
10	QPSK	1	49	20.27	20.33	20.48		
10	QPSK	25	0	20.41	20.64	20.62	21.5	0
10	QPSK	25	12	20.33	20.58	20.52		
10	QPSK	25	25	20.29	20.65	20.45		
10	QPSK	50	0	20.37	20.65	20.60		
10	16QAM	1	0	20.26	20.11	20.54	21.5	0
10	16QAM	1	25	20.51	20.28	20.58		
10	16QAM	1	49	20.52	20.27	20.66		
10	16QAM	25	0	20.06	20.33	20.42	21.5	0
10	16QAM	25	12	20.26	20.30	20.47		
10	16QAM	25	25	20.18	20.40	20.36		
10	16QAM	50	0	20.14	20.30	20.45		
10	64QAM	1	0	20.05	20.59	20.08	21.5	0
10	64QAM	1	25	20.16	20.52	20.34		
10	64QAM	1	49	20.19	20.53	20.26		
10	64QAM	25	0	19.52	19.71	19.82	21	0.5
10	64QAM	25	12	19.60	19.64	19.79		
10	64QAM	25	25	19.67	19.94	20.01		
10	64QAM	50	0	19.73	19.73	19.85		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.58	20.72	20.56	21.5	0
5	QPSK	1	12	20.27	20.51	20.61		
5	QPSK	1	24	20.27	20.33	20.48		
5	QPSK	12	0	20.43	20.67	20.53	21.5	0
5	QPSK	12	7	20.30	20.63	20.47		
5	QPSK	12	13	20.32	20.57	20.52		
5	QPSK	25	0	20.43	20.59	20.56		
5	16QAM	1	0	20.29	20.18	20.54	21.5	0
5	16QAM	1	12	20.52	20.30	20.60		
5	16QAM	1	24	20.48	20.25	20.65		
5	16QAM	12	0	20.10	20.33	20.43	21.5	0
5	16QAM	12	7	20.18	20.35	20.40		
5	16QAM	12	13	20.16	20.43	20.46		
5	16QAM	25	0	20.15	20.29	20.46		
5	64QAM	1	0	20.12	20.63	20.09	21.5	0
5	64QAM	1	12	20.25	20.58	20.45		
5	64QAM	1	24	20.15	20.57	20.24		
5	64QAM	12	0	19.54	19.69	19.84	21	0.5
5	64QAM	12	7	19.60	19.66	19.73		
5	64QAM	12	13	19.72	19.86	19.92		
5	64QAM	25	0	19.73	19.79	19.86		

Band 12_Ant 11

BW [MHz]	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	23.43	23.63	23.52	25	0
10	QPSK	1	25	23.51	23.61	23.56		
10	QPSK	1	49	23.50	23.38	23.53		
10	QPSK	25	0	22.50	22.66	22.54	24	1
10	QPSK	25	12	22.65	22.49	22.50		
10	QPSK	25	25	22.51	22.48	22.63		
10	QPSK	50	0	22.53	22.64	22.63		
10	16QAM	1	0	22.96	22.88	23.07	24	1
10	16QAM	1	25	23.07	22.94	22.97		
10	16QAM	1	49	23.14	22.96	23.01		
10	16QAM	25	0	21.72	21.66	21.67	23	2
10	16QAM	25	12	21.76	21.70	21.69		
10	16QAM	25	25	21.58	21.72	21.58		
10	16QAM	50	0	21.76	21.58	21.73		
10	64QAM	1	0	21.83	21.75	21.89	23	2
10	64QAM	1	25	21.82	21.84	21.90		
10	64QAM	1	49	21.75	21.85	22.02		
10	64QAM	25	0	20.57	20.53	20.62	22	3
10	64QAM	25	12	20.83	20.62	20.69		
10	64QAM	25	25	20.66	20.56	20.70		
10	64QAM	50	0	20.64	20.54	20.67		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.41	23.58	23.48	25	0
5	QPSK	1	12	23.51	23.48	23.44		
5	QPSK	1	24	23.34	23.52	23.34		
5	QPSK	12	0	22.50	22.54	22.51	24	1
5	QPSK	12	7	22.59	22.61	22.55		
5	QPSK	12	13	22.59	22.54	22.50		
5	QPSK	25	0	22.57	22.50	22.60		
5	16QAM	1	0	23.04	22.84	22.77	24	1
5	16QAM	1	12	23.02	22.85	22.76		
5	16QAM	1	24	22.99	22.96	22.52		
5	16QAM	12	0	21.65	21.60	21.62	23	2
5	16QAM	12	7	21.51	21.73	21.64		
5	16QAM	12	13	21.63	21.68	21.62		
5	16QAM	25	0	21.67	21.66	21.72		
5	64QAM	1	0	22.16	21.61	21.85	23	2
5	64QAM	1	12	21.91	21.90	21.64		
5	64QAM	1	24	22.12	22.06	21.56		
5	64QAM	12	0	20.45	20.68	20.45	22	3
5	64QAM	12	7	20.89	20.77	20.70		
5	64QAM	12	13	20.61	20.80	20.63		
5	64QAM	25	0	20.68	20.62	20.62		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.32	23.44	23.50	25	0
3	QPSK	1	8	23.36	23.52	23.53		
3	QPSK	1	14	23.34	23.34	23.38		
3	QPSK	8	0	22.60	22.52	22.54	24	1
3	QPSK	8	4	22.58	22.57	22.55		
3	QPSK	8	7	22.57	22.49	22.50		
3	QPSK	15	0	22.52	22.46	22.43		
3	16QAM	1	0	23.13	22.87	22.84	24	1
3	16QAM	1	8	22.70	23.17	23.05		
3	16QAM	1	14	23.30	22.91	22.84		
3	16QAM	8	0	21.74	21.54	21.77	23	2
3	16QAM	8	4	21.68	21.82	21.80		
3	16QAM	8	7	21.71	21.70	21.88		
3	16QAM	15	0	21.75	21.53	21.52		
3	64QAM	1	0	21.66	21.85	21.88	23	2
3	64QAM	1	8	22.02	22.08	21.84		
3	64QAM	1	14	21.72	21.64	21.75		
3	64QAM	8	0	20.81	20.65	20.60	22	3
3	64QAM	8	4	20.81	20.70	20.53		
3	64QAM	8	7	20.65	20.70	20.53		
3	64QAM	15	0	20.73	20.55	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.45	23.56	23.50	25	0
1.4	QPSK	1	3	23.54	23.39	23.58		
1.4	QPSK	1	5	23.41	23.46	23.47		
1.4	QPSK	3	0	23.41	23.47	23.43		
1.4	QPSK	3	1	23.40	23.43	23.51		
1.4	QPSK	3	3	23.45	23.48	23.43		
1.4	QPSK	6	0	22.48	22.41	22.51	24	1
1.4	16QAM	1	0	22.84	23.04	23.00	24	1
1.4	16QAM	1	3	22.72	22.78	23.17		
1.4	16QAM	1	5	22.87	22.70	23.23		
1.4	16QAM	3	0	22.66	22.96	22.72		
1.4	16QAM	3	1	22.69	22.46	22.98		
1.4	16QAM	3	3	22.63	22.60	22.56		
1.4	16QAM	6	0	21.73	21.66	21.68	23	2
1.4	64QAM	1	0	21.48	21.85	21.64	23	2
1.4	64QAM	1	3	21.59	21.71	21.91		
1.4	64QAM	1	5	21.77	21.62	21.94		
1.4	64QAM	3	0	21.77	21.76	21.51		
1.4	64QAM	3	1	21.56	21.74	21.64		
1.4	64QAM	3	3	21.55	21.87	21.52		
1.4	64QAM	6	0	20.51	20.52	20.48	22	3

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		23.77		25	0
10	QPSK	1	25		23.67			
10	QPSK	1	49		23.58			
10	QPSK	25	0		22.71		24	1
10	QPSK	25	12		22.68			
10	QPSK	25	25		22.60			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.77		24	1
10	16QAM	1	25		22.98			
10	16QAM	1	49		22.99			
10	16QAM	25	0		21.59		23	2
10	16QAM	25	12		21.76			
10	16QAM	25	25		21.67			
10	16QAM	50	0		21.73			
10	64QAM	1	0		21.77		23	2
10	64QAM	1	25		22.09			
10	64QAM	1	49		22.06			
10	64QAM	25	0		20.83		22	3
10	64QAM	25	12		20.75			
10	64QAM	25	25		20.67			
10	64QAM	50	0		20.70			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.65	23.66	23.67	25	0
5	QPSK	1	12	23.74	23.70	23.72		
5	QPSK	1	24	23.64	23.68	23.69		
5	QPSK	12	0	22.62	22.60	22.67	24	1
5	QPSK	12	7	22.74	22.67	22.82		
5	QPSK	12	13	22.82	22.72	22.64		
5	QPSK	25	0	22.75	22.66	22.63		
5	16QAM	1	0	23.24	23.02	23.16	24	1
5	16QAM	1	12	23.17	23.08	23.11		
5	16QAM	1	24	23.12	23.06	23.15		
5	16QAM	12	0	21.60	21.73	21.76	23	2
5	16QAM	12	7	21.73	21.83	21.75		
5	16QAM	12	13	21.74	21.63	21.61		
5	16QAM	25	0	21.81	21.58	21.68		
5	64QAM	1	0	22.11	21.91	21.73	23	2
5	64QAM	1	12	21.65	22.12	22.01		
5	64QAM	1	24	21.90	21.75	21.97		
5	64QAM	12	0	20.61	20.61	20.78	22	3
5	64QAM	12	7	20.69	20.82	20.81		
5	64QAM	12	13	20.71	20.68	20.77		
5	64QAM	25	0	20.67	20.66	20.70		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.54	23.62	23.52	25	0
10	QPSK	1	25	23.60	23.54	23.51		
10	QPSK	1	49	23.55	23.44	23.58		
10	QPSK	25	0	22.65	22.77	22.59	24	1
10	QPSK	25	12	22.74	22.69	22.64		
10	QPSK	25	25	22.60	22.66	22.68		
10	QPSK	50	0	22.73	22.74	22.69		
10	16QAM	1	0	22.61	22.54	23.09	24	1
10	16QAM	1	25	22.57	22.75	23.28		
10	16QAM	1	49	22.91	22.71	23.04		
10	16QAM	25	0	21.60	21.62	21.63	23	2
10	16QAM	25	12	21.75	21.57	21.72		
10	16QAM	25	25	21.54	21.62	21.56		
10	16QAM	50	0	21.67	21.66	21.55		
10	64QAM	1	0	21.67	21.85	21.60	23	2
10	64QAM	1	25	22.20	21.75	21.71		
10	64QAM	1	49	21.65	21.79	21.71		
10	64QAM	25	0	20.65	20.52	20.56	22	3
10	64QAM	25	12	20.82	20.68	20.75		
10	64QAM	25	25	20.59	20.79	20.53		
10	64QAM	50	0	20.68	20.51	20.63		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.60	23.61	23.56	25	0
5	QPSK	1	12	23.60	23.61	23.58		
5	QPSK	1	24	23.58	23.50	23.46		
5	QPSK	12	0	22.60	22.69	22.63	24	1
5	QPSK	12	7	22.63	22.61	22.68		
5	QPSK	12	13	22.57	22.63	22.63		
5	QPSK	25	0	22.62	22.54	22.56		
5	16QAM	1	0	22.91	23.08	22.72	24	1
5	16QAM	1	12	22.97	22.90	23.00		
5	16QAM	1	24	22.77	22.71	22.69		
5	16QAM	12	0	21.54	21.63	21.52	23	2
5	16QAM	12	7	21.85	21.66	21.69		
5	16QAM	12	13	21.73	21.55	21.72		
5	16QAM	25	0	21.66	21.60	21.52		
5	64QAM	1	0	21.96	21.94	21.78	23	2
5	64QAM	1	12	21.81	21.77	21.74		
5	64QAM	1	24	21.58	21.23	21.88		
5	64QAM	12	0	20.58	20.73	20.78	22	3
5	64QAM	12	7	20.55	20.70	20.71		
5	64QAM	12	13	20.59	20.53	20.62		
5	64QAM	25	0	20.67	20.59	20.57		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		22.86		24	0
15	QPSK	1	37		22.65			
15	QPSK	1	74		22.56			
15	QPSK	36	0		22.83		24	0
15	QPSK	36	20		22.81			
15	QPSK	36	39		22.56			
15	QPSK	75	0		22.61			
15	16QAM	1	0		22.72		24	0
15	16QAM	1	37		22.78			
15	16QAM	1	74		22.75			
15	16QAM	36	0		21.70		23	1
15	16QAM	36	20		21.77			
15	16QAM	36	39		21.72			
15	16QAM	75	0		21.68			
15	64QAM	1	0		21.79		23	1
15	64QAM	1	37		21.83			
15	64QAM	1	74		22.07			
15	64QAM	36	0		20.63		22	2
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.70			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	22.76	22.74	22.78	24	0
10	QPSK	1	25	22.59	22.51	22.49		
10	QPSK	1	49	22.43	22.45	22.51		
10	QPSK	25	0	22.72	22.71	22.68	24	0
10	QPSK	25	12	22.71	22.67	22.65		
10	QPSK	25	25	22.48	22.51	22.49		
10	QPSK	50	0	22.55	22.51	22.47		
10	16QAM	1	0	22.64	22.58	22.61	24	0
10	16QAM	1	25	22.73	22.68	22.62		
10	16QAM	1	49	22.70	22.65	22.59		
10	16QAM	25	0	21.56	21.57	21.65	23	1
10	16QAM	25	12	21.72	21.65	21.71		
10	16QAM	25	25	21.62	21.62	21.58		
10	16QAM	50	0	21.55	21.58	21.57		
10	64QAM	1	0	21.64	21.71	21.63	23	1
10	64QAM	1	25	21.77	21.71	21.72		
10	64QAM	1	49	22.00	21.92	21.91		
10	64QAM	25	0	20.58	20.53	20.52	22	2
10	64QAM	25	12	20.59	20.63	20.61		
10	64QAM	25	25	20.54	20.63	20.61		
10	64QAM	50	0	20.52	20.55	20.48		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	22.74	22.80	22.75	24	0
5	QPSK	1	12	22.54	22.52	22.53		
5	QPSK	1	24	22.47	22.42	22.49		
5	QPSK	12	0	22.72	22.69	22.68	24	0
5	QPSK	12	7	22.66	22.69	22.67		
5	QPSK	12	13	22.49	22.44	22.42		
5	QPSK	25	0	22.47	22.47	22.55		
5	16QAM	1	0	22.57	22.57	22.66	24	0
5	16QAM	1	12	22.69	22.62	22.73		
5	16QAM	1	24	22.60	22.64	22.59		
5	16QAM	12	0	21.60	21.57	21.62	23	1
5	16QAM	12	7	21.65	21.70	21.72		
5	16QAM	12	13	21.63	21.67	21.60		
5	16QAM	25	0	21.62	21.57	21.54		
5	64QAM	1	0	21.68	21.70	21.73	23	1
5	64QAM	1	12	21.72	21.76	21.75		
5	64QAM	1	24	22.02	22.01	22.02		
5	64QAM	12	0	20.53	20.50	20.57	22	2
5	64QAM	12	7	20.55	20.61	20.63		
5	64QAM	12	13	20.62	20.61	20.55		
5	64QAM	25	0	20.53	20.49	20.50		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		23.86		25	0
15	QPSK	1	37		23.58			
15	QPSK	1	74		23.56			
15	QPSK	36	0		22.71		24	1
15	QPSK	36	20		22.66			
15	QPSK	36	39		22.60			
15	QPSK	75	0		22.54			
15	16QAM	1	0		22.89		24	1
15	16QAM	1	37		22.69			
15	16QAM	1	74		22.91			
15	16QAM	36	0		21.63		23	2
15	16QAM	36	20		21.76			
15	16QAM	36	39		21.76			
15	16QAM	75	0		21.55			
15	64QAM	1	0		22.04		23	2
15	64QAM	1	37		21.93			
15	64QAM	1	74		21.99			
15	64QAM	36	0		20.77		22	3
15	64QAM	36	20		20.71			
15	64QAM	36	39		20.68			
15	64QAM	75	0		20.62			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	23.75	23.62	23.69	25	0
10	QPSK	1	25	23.75	23.63	23.68		
10	QPSK	1	49	23.62	23.67	23.55		
10	QPSK	25	0	22.72	22.73	22.67	24	1
10	QPSK	25	12	22.86	22.67	22.82		
10	QPSK	25	25	22.65	22.75	22.73		
10	QPSK	50	0	22.79	22.71	22.82		
10	16QAM	1	0	23.12	23.01	23.13	24	1
10	16QAM	1	25	23.02	22.95	23.20		
10	16QAM	1	49	23.44	23.18	23.20		
10	16QAM	25	0	21.72	21.77	21.65	23	2
10	16QAM	25	12	21.81	21.75	21.80		
10	16QAM	25	25	21.71	21.75	21.81		
10	16QAM	50	0	21.70	21.84	21.74		
10	64QAM	1	0	21.89	21.52	22.16	23	2
10	64QAM	1	25	21.89	21.83	21.96		
10	64QAM	1	49	21.60	21.39	22.28		
10	64QAM	25	0	20.77	20.60	20.66	22	3
10	64QAM	25	12	20.80	20.77	20.83		
10	64QAM	25	25	20.76	20.83	20.74		
10	64QAM	50	0	20.75	20.70	20.84		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	23.61	23.68	23.70	25	0
5	QPSK	1	12	23.84	23.80	23.76		
5	QPSK	1	24	23.75	23.63	23.61		
5	QPSK	12	0	22.65	22.61	22.71	24	1
5	QPSK	12	7	22.75	22.78	22.74		
5	QPSK	12	13	22.74	22.70	22.71		
5	QPSK	25	0	22.67	22.66	22.62		
5	16QAM	1	0	22.89	23.36	23.13	24	1
5	16QAM	1	12	23.11	23.32	23.22		
5	16QAM	1	24	23.03	22.94	23.09		
5	16QAM	12	0	21.67	21.62	21.70	23	2
5	16QAM	12	7	21.84	21.78	21.80		
5	16QAM	12	13	21.72	21.82	21.74		
5	16QAM	25	0	21.72	21.70	21.66		
5	64QAM	1	0	22.16	21.98	22.18	23	2
5	64QAM	1	12	21.96	21.89	22.00		
5	64QAM	1	24	21.74	22.21	22.37		
5	64QAM	12	0	20.59	20.73	20.61	22	3
5	64QAM	12	7	20.72	20.87	20.89		
5	64QAM	12	13	20.73	20.80	20.72		
5	64QAM	25	0	20.65	20.77	20.70		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		22.66		24	0
15	QPSK	1	37		22.55			
15	QPSK	1	74		22.38			
15	QPSK	36	0		22.63		24	0
15	QPSK	36	20		22.56			
15	QPSK	36	39		22.61			
15	QPSK	75	0		22.56			
15	16QAM	1	0		22.63		24	0
15	16QAM	1	37		22.59			
15	16QAM	1	74		22.65			
15	16QAM	36	0		21.54		23	1
15	16QAM	36	20		21.58			
15	16QAM	36	39		21.61			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.98		23	1
15	64QAM	1	37		21.76			
15	64QAM	1	74		21.64			
15	64QAM	36	0		20.58		22	2
15	64QAM	36	20		20.63			
15	64QAM	36	39		20.57			
15	64QAM	75	0		20.73			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	22.58	22.53	22.50	24	0
10	QPSK	1	25	22.45	22.46	22.47		
10	QPSK	1	49	22.23	22.31	22.32		
10	QPSK	25	0	22.55	22.50	22.53	24	0
10	QPSK	25	12	22.46	22.50	22.41		
10	QPSK	25	25	22.53	22.51	22.55		
10	QPSK	50	0	22.48	22.49	22.42		
10	16QAM	1	0	22.54	22.48	22.52	24	0
10	16QAM	1	25	22.53	22.49	22.50		
10	16QAM	1	49	22.60	22.60	22.53		
10	16QAM	25	0	21.43	21.39	21.43	23	1
10	16QAM	25	12	21.48	21.45	21.47		
10	16QAM	25	25	21.49	21.46	21.56		
10	16QAM	50	0	21.48	21.51	21.55		
10	64QAM	1	0	21.91	21.89	21.85	23	1
10	64QAM	1	25	21.62	21.60	21.62		
10	64QAM	1	49	21.50	21.55	21.55		
10	64QAM	25	0	20.53	20.50	20.43	22	2
10	64QAM	25	12	20.49	20.57	20.56		
10	64QAM	25	25	20.46	20.50	20.50		
10	64QAM	50	0	20.67	20.68	20.67		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	22.56	22.52	22.57	24	0
5	QPSK	1	12	22.50	22.42	22.42		
5	QPSK	1	24	22.22	22.22	22.33		
5	QPSK	12	0	22.50	22.58	22.55	24	0
5	QPSK	12	7	22.42	22.41	22.48		
5	QPSK	12	13	22.56	22.48	22.55		
5	QPSK	25	0	22.47	22.40	22.45		
5	16QAM	1	0	22.47	22.47	22.57	24	0
5	16QAM	1	12	22.48	22.52	22.44		
5	16QAM	1	24	22.53	22.56	22.57		
5	16QAM	12	0	21.42	21.42	21.45	23	1
5	16QAM	12	7	21.45	21.44	21.43		
5	16QAM	12	13	21.45	21.47	21.53		
5	16QAM	25	0	21.56	21.48	21.53		
5	64QAM	1	0	21.86	21.89	21.84	23	1
5	64QAM	1	12	21.67	21.65	21.62		
5	64QAM	1	24	21.58	21.50	21.52		
5	64QAM	12	0	20.42	20.53	20.46	22	2
5	64QAM	12	7	20.58	20.50	20.56		
5	64QAM	12	13	20.45	20.52	20.46		
5	64QAM	25	0	20.58	20.57	20.61		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		23.70		25	0
15	QPSK	1	37		23.50			
15	QPSK	1	74		23.34			
15	QPSK	36	0		22.64		24	1
15	QPSK	36	20		22.51			
15	QPSK	36	39		22.63			
15	QPSK	75	0		22.52			
15	16QAM	1	0		23.00		24	1
15	16QAM	1	37		22.68			
15	16QAM	1	74		22.81			
15	16QAM	36	0		21.56		23	2
15	16QAM	36	20		21.67			
15	16QAM	36	39		21.57			
15	16QAM	75	0		21.61			
15	64QAM	1	0		21.87		23	2
15	64QAM	1	37		21.46			
15	64QAM	1	74		21.18			
15	64QAM	36	0		20.51		22	3
15	64QAM	36	20		20.62			
15	64QAM	36	39		20.61			
15	64QAM	75	0		20.43			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	23.62	23.65	23.53	25	0
10	QPSK	1	25	23.54	23.63	23.62		
10	QPSK	1	49	23.60	23.57	23.53		
10	QPSK	25	0	22.76	22.68	22.71	24	1
10	QPSK	25	12	22.78	22.66	22.74		
10	QPSK	25	25	22.85	22.79	22.79		
10	QPSK	50	0	22.76	22.71	22.70		
10	16QAM	1	0	23.27	23.44	23.15	24	1
10	16QAM	1	25	23.18	23.29	22.80		
10	16QAM	1	49	23.01	23.03	23.01		
10	16QAM	25	0	21.73	21.80	21.70	23	2
10	16QAM	25	12	21.82	21.83	21.68		
10	16QAM	25	25	21.88	21.72	21.77		
10	16QAM	50	0	21.76	21.70	21.62		
10	64QAM	1	0	22.25	22.07	21.16	23	2
10	64QAM	1	25	22.10	22.22	21.71		
10	64QAM	1	49	21.62	21.95	21.48		
10	64QAM	25	0	20.65	20.69	20.64	22	3
10	64QAM	25	12	20.78	20.75	20.68		
10	64QAM	25	25	20.86	20.78	20.79		
10	64QAM	50	0	20.78	20.67	20.71		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	23.60	23.55	23.64	25	0
5	QPSK	1	12	23.67	23.69	23.61		
5	QPSK	1	24	23.61	23.65	23.62		
5	QPSK	12	0	22.63	22.70	22.66	24	1
5	QPSK	12	7	22.79	22.83	22.78		
5	QPSK	12	13	22.63	22.72	22.71		
5	QPSK	25	0	22.68	22.75	22.72		
5	16QAM	1	0	22.88	22.44	22.96	24	1
5	16QAM	1	12	22.55	23.22	22.88		
5	16QAM	1	24	22.62	22.98	22.56		
5	16QAM	12	0	21.74	21.73	21.68	23	2
5	16QAM	12	7	21.78	21.91	21.93		
5	16QAM	12	13	21.67	21.87	21.82		
5	16QAM	25	0	21.71	21.67	21.73		
5	64QAM	1	0	21.80	21.69	21.86	23	2
5	64QAM	1	12	22.25	22.13	22.08		
5	64QAM	1	24	21.77	21.62	22.11		
5	64QAM	12	0	20.68	20.68	20.59	22	3
5	64QAM	12	7	20.75	20.68	20.88		
5	64QAM	12	13	20.69	20.63	20.77		
5	64QAM	25	0	20.71	20.67	20.67		

Band 26_Ant 11

BW [MHz]	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	22.49	22.55	22.46	24	0
15	QPSK	1	37	22.41	22.51	22.38		
15	QPSK	1	74	22.36	22.39	22.44		
15	QPSK	36	0	21.60	21.63	21.58	23	1
15	QPSK	36	20	21.58	21.58	21.48		
15	QPSK	36	39	21.52	21.62	21.40		
15	QPSK	75	0	21.64	21.65	21.52		
15	16QAM	1	0	21.68	21.99	21.80	23	1
15	16QAM	1	37	22.06	21.73	22.05		
15	16QAM	1	74	21.67	21.48	21.87		
15	16QAM	36	0	20.60	20.65	20.49	22	2
15	16QAM	36	20	20.71	20.48	20.46		
15	16QAM	36	39	20.54	20.76	20.65		
15	16QAM	75	0	20.63	20.59	20.53		
15	64QAM	1	0	20.48	20.68	20.61	22	2
15	64QAM	1	37	20.69	21.03	20.87		
15	64QAM	1	74	20.44	20.78	20.64		
15	64QAM	36	0	19.71	19.55	19.55	21	3
15	64QAM	36	20	19.60	19.59	19.41		
15	64QAM	36	39	19.64	19.59	19.42		
15	64QAM	75	0	19.63	19.64	19.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.41	22.41	24	0
10	QPSK	1	25	22.41	22.41	22.46		
10	QPSK	1	49	22.49	22.36	22.25		
10	QPSK	25	0	21.72	21.71	21.56	23	1
10	QPSK	25	12	21.72	21.71	21.62		
10	QPSK	25	25	21.80	21.71	21.63		
10	QPSK	50	0	21.71	21.77	21.65		
10	16QAM	1	0	22.03	22.03	22.35	23	1
10	16QAM	1	25	21.80	22.35	22.12		
10	16QAM	1	49	21.96	22.35	22.23		
10	16QAM	25	0	20.58	20.75	20.68	22	2
10	16QAM	25	12	20.67	20.66	20.66		
10	16QAM	25	25	20.71	20.77	20.77		
10	16QAM	50	0	20.78	20.73	20.60		
10	64QAM	1	0	20.60	20.86	20.82	22	2
10	64QAM	1	25	20.67	21.04	20.82		
10	64QAM	1	49	20.85	20.91	20.59		
10	64QAM	25	0	19.64	19.70	19.62	21	3
10	64QAM	25	12	19.75	19.68	19.54		
10	64QAM	25	25	19.71	19.66	19.56		
10	64QAM	50	0	19.66	19.63	19.58		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.45	22.40	24	0
5	QPSK	1	12	22.49	22.45	22.53		
5	QPSK	1	24	22.33	22.29	22.34		
5	QPSK	12	0	21.69	21.66	21.51	23	1
5	QPSK	12	7	21.76	21.69	21.68		
5	QPSK	12	13	21.76	21.72	21.61		
5	QPSK	25	0	21.66	21.62	21.61		
5	16QAM	1	0	22.09	22.04	22.16	23	1
5	16QAM	1	12	21.86	22.24	22.16		
5	16QAM	1	24	22.07	22.01	21.89		
5	16QAM	12	0	20.73	20.61	20.49	22	2
5	16QAM	12	7	20.83	20.74	20.60		
5	16QAM	12	13	20.62	20.81	20.70		
5	16QAM	25	0	20.65	20.66	20.60		
5	64QAM	1	0	21.16	20.70	20.89	22	2
5	64QAM	1	12	20.85	20.90	20.71		
5	64QAM	1	24	21.13	21.05	20.93		
5	64QAM	12	0	19.54	19.63	19.57	21	3
5	64QAM	12	7	19.76	19.59	19.84		
5	64QAM	12	13	19.77	19.58	19.66		
5	64QAM	25	0	19.77	19.60	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.39	22.28	22.18	24	0
3	QPSK	1	8	22.40	22.52	22.24		
3	QPSK	1	14	22.46	22.33	22.17		
3	QPSK	8	0	21.65	21.60	21.53	23	1
3	QPSK	8	4	21.73	21.76	21.61		
3	QPSK	8	7	21.64	21.74	21.53		
3	QPSK	15	0	21.60	21.71	21.55		
3	16QAM	1	0	22.14	22.01	22.11	23	1
3	16QAM	1	8	22.35	21.92	21.88		
3	16QAM	1	14	21.96	22.15	21.95		
3	16QAM	8	0	20.97	20.53	20.58	22	2
3	16QAM	8	4	20.82	20.89	20.73		
3	16QAM	8	7	20.81	20.73	20.55		
3	16QAM	15	0	20.62	20.69	20.56		
3	64QAM	1	0	21.03	21.11	20.69	22	2
3	64QAM	1	8	20.66	21.27	20.95		
3	64QAM	1	14	20.72	20.90	20.92		
3	64QAM	8	0	19.63	19.75	19.48	21	3
3	64QAM	8	4	19.84	19.86	19.70		
3	64QAM	8	7	19.72	19.74	19.51		
3	64QAM	15	0	19.79	19.64	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.38	22.41	22.41	24	0
1.4	QPSK	1	3	22.42	22.43	22.31		
1.4	QPSK	1	5	22.38	22.51	22.40		
1.4	QPSK	3	0	22.50	22.43	22.41		
1.4	QPSK	3	1	22.47	22.37	22.36		
1.4	QPSK	3	3	22.40	22.49	22.32		
1.4	QPSK	6	0	21.67	21.58	21.56	23	1
1.4	16QAM	1	0	21.95	21.98	21.80	23	1
1.4	16QAM	1	3	21.43	22.09	21.79		
1.4	16QAM	1	5	22.07	21.73	21.78		
1.4	16QAM	3	0	21.83	21.76	21.62		
1.4	16QAM	3	1	21.96	21.79	21.57		
1.4	16QAM	3	3	21.78	21.80	21.63		
1.4	16QAM	6	0	20.65	20.64	20.63	22	2
1.4	64QAM	1	0	20.24	20.37	20.67	22	2
1.4	64QAM	1	3	20.89	20.76	20.66		
1.4	64QAM	1	5	20.83	20.67	20.77		
1.4	64QAM	3	0	20.75	20.52	20.64		
1.4	64QAM	3	1	20.76	20.74	20.70		
1.4	64QAM	3	3	20.68	20.84	20.75		
1.4	64QAM	6	0	19.64	19.58	19.45	21	3

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.58	17.92	17.27	18.5	0
20	QPSK	1	49	17.55	17.45	17.17		
20	QPSK	1	99	17.38	17.19	16.85		
20	QPSK	50	0	17.57	17.65	17.29	18.5	0
20	QPSK	50	24	17.49	17.30	17.27		
20	QPSK	50	50	17.53	17.44	17.11		
20	QPSK	100	0	17.56	17.59	17.28		
20	16QAM	1	0	17.90	17.33	17.66	18.5	0
20	16QAM	1	49	17.87	17.51	17.50		
20	16QAM	1	99	17.40	17.10	17.35		
20	16QAM	50	0	17.67	17.39	17.26	18.5	0
20	16QAM	50	24	17.63	17.51	17.32		
20	16QAM	50	50	17.53	17.50	17.22		
20	16QAM	100	0	17.68	17.42	17.32		
20	64QAM	1	0	17.77	17.77	17.40	18.5	0
20	64QAM	1	49	17.73	17.61	17.85		
20	64QAM	1	99	17.52	17.10	17.76		
20	64QAM	50	0	17.58	17.57	17.23	18.5	0
20	64QAM	50	24	17.62	17.40	17.31		
20	64QAM	50	50	17.52	17.45	17.33		
20	64QAM	100	0	17.63	17.38	17.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.46	17.81	17.11	18.5	0
15	QPSK	1	37	17.43	17.34	17.11		
15	QPSK	1	74	17.24	17.12	16.78		
15	QPSK	36	0	17.50	17.53	17.17	18.5	0
15	QPSK	36	20	17.33	17.20	17.13		
15	QPSK	36	39	17.41	17.37	16.95		
15	QPSK	75	0	17.46	17.44	17.13		
15	16QAM	1	0	17.75	17.21	17.60	18.5	0
15	16QAM	1	37	17.80	17.45	17.42		
15	16QAM	1	74	17.29	16.95	17.22		
15	16QAM	36	0	17.57	17.32	17.16	18.5	0
15	16QAM	36	20	17.58	17.39	17.26		
15	16QAM	36	39	17.40	17.39	17.06		
15	16QAM	75	0	17.53	17.29	17.26		
15	64QAM	1	0	17.66	17.69	17.29	18.5	0
15	64QAM	1	37	17.66	17.50	17.70		
15	64QAM	1	74	17.42	16.96	17.69		
15	64QAM	36	0	17.43	17.49	17.11	18.5	0
15	64QAM	36	20	17.53	17.24	17.17		
15	64QAM	36	39	17.45	17.38	17.25		
15	64QAM	75	0	17.57	17.26	17.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.44	17.78	17.15	18.5	0
10	QPSK	1	25	17.43	17.40	17.04		
10	QPSK	1	49	17.29	17.13	16.74		
10	QPSK	25	0	17.47	17.49	17.20	18.5	0
10	QPSK	25	12	17.37	17.21	17.17		
10	QPSK	25	25	17.40	17.33	16.99		
10	QPSK	50	0	17.51	17.47	17.16		
10	16QAM	1	0	17.84	17.22	17.52	18.5	0
10	16QAM	1	25	17.77	17.46	17.39		
10	16QAM	1	49	17.27	16.99	17.29		
10	16QAM	25	0	17.60	17.31	17.17	18.5	0
10	16QAM	25	12	17.53	17.37	17.19		
10	16QAM	25	25	17.42	17.34	17.06		
10	16QAM	50	0	17.52	17.31	17.23		
10	64QAM	1	0	17.68	17.69	17.29	18.5	0
10	64QAM	1	25	17.65	17.49	17.69		
10	64QAM	1	49	17.39	17.00	17.66		
10	64QAM	25	0	17.50	17.48	17.16	18.5	0
10	64QAM	25	12	17.56	17.30	17.21		
10	64QAM	25	25	17.41	17.40	17.18		
10	64QAM	50	0	17.53	17.28	17.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.53	17.86	17.21	18.5	0
5	QPSK	1	12	17.49	17.33	17.11		
5	QPSK	1	24	17.30	17.09	16.77		
5	QPSK	12	0	17.44	17.55	17.18	18.5	0
5	QPSK	12	7	17.39	17.24	17.19		
5	QPSK	12	13	17.40	17.37	17.01		
5	QPSK	25	0	17.44	17.44	17.14		
5	16QAM	1	0	17.84	17.24	17.53	18.5	0
5	16QAM	1	12	17.75	17.39	17.38		
5	16QAM	1	24	17.29	16.98	17.24		
5	16QAM	12	0	17.62	17.28	17.16	18.5	0
5	16QAM	12	7	17.48	17.35	17.18		
5	16QAM	12	13	17.42	17.44	17.10		
5	16QAM	25	0	17.55	17.33	17.22		
5	64QAM	1	0	17.70	17.65	17.24	18.5	0
5	64QAM	1	12	17.58	17.47	17.74		
5	64QAM	1	24	17.42	16.99	17.64		
5	64QAM	12	0	17.51	17.41	17.16	18.5	0
5	64QAM	12	7	17.51	17.35	17.19		
5	64QAM	12	13	17.42	17.38	17.21		
5	64QAM	25	0	17.51	17.25	17.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.52	17.85	17.13	18.5	0
3	QPSK	1	8	17.49	17.35	17.09		
3	QPSK	1	14	17.25	17.12	16.70		
3	QPSK	8	0	17.47	17.53	17.14	18.5	0
3	QPSK	8	4	17.41	17.15	17.13		
3	QPSK	8	7	17.48	17.39	16.95		
3	QPSK	15	0	17.45	17.50	17.14		
3	16QAM	1	0	17.84	17.17	17.60	18.5	0
3	16QAM	1	8	17.82	17.38	17.34		
3	16QAM	1	14	17.34	17.04	17.29		
3	16QAM	8	0	17.55	17.25	17.16	18.5	0
3	16QAM	8	4	17.58	17.43	17.26		
3	16QAM	8	7	17.44	17.41	17.07		
3	16QAM	15	0	17.61	17.32	17.25		
3	64QAM	1	0	17.71	17.61	17.35	18.5	0
3	64QAM	1	8	17.58	17.48	17.70		
3	64QAM	1	14	17.40	16.98	17.64		
3	64QAM	8	0	17.51	17.43	17.18	18.5	0
3	64QAM	8	4	17.49	17.27	17.22		
3	64QAM	8	7	17.39	17.40	17.22		
3	64QAM	15	0	17.53	17.23	17.04		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.43	17.84	17.16	18.5	0
1.4	QPSK	1	3	17.43	17.33	17.10		
1.4	QPSK	1	5	17.31	17.06	16.73		
1.4	QPSK	3	0	17.47	17.57	17.14		
1.4	QPSK	3	1	17.36	17.21	17.22		
1.4	QPSK	3	3	17.42	17.28	17.05		
1.4	QPSK	6	0	17.51	17.50	17.18	18.5	0
1.4	16QAM	1	0	17.75	17.17	17.52	18.5	0
1.4	16QAM	1	3	17.77	17.38	17.44		
1.4	16QAM	1	5	17.26	16.99	17.27		
1.4	16QAM	3	0	17.51	17.27	17.12		
1.4	16QAM	3	1	17.58	17.40	17.18		
1.4	16QAM	3	3	17.37	17.41	17.11		
1.4	16QAM	6	0	17.58	17.35	17.25	18.5	0
1.4	64QAM	1	0	17.66	17.65	17.29	18.5	0
1.4	64QAM	1	3	17.58	17.55	17.71		
1.4	64QAM	1	5	17.46	16.98	17.63		
1.4	64QAM	3	0	17.53	17.43	17.17		
1.4	64QAM	3	1	17.54	17.31	17.17		
1.4	64QAM	3	3	17.42	17.39	17.18		
1.4	64QAM	6	0	17.49	17.27	17.06	18.5	0

Band 66_Ant 31

BW [MHz]	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	21.47	21.50	21.48	22	0
20	QPSK	1	49	21.13	21.10	21.22		
20	QPSK	1	99	21.00	20.93	21.05		
20	QPSK	50	0	21.17	21.26	21.18	22	0
20	QPSK	50	24	21.12	21.02	21.17		
20	QPSK	50	50	21.10	21.04	21.07		
20	QPSK	100	0	21.16	21.23	21.08		
20	16QAM	1	0	21.09	21.14	21.20	22	0
20	16QAM	1	49	20.81	21.31	21.28		
20	16QAM	1	99	21.02	21.17	21.24		
20	16QAM	50	0	21.00	21.03	20.95	22	0
20	16QAM	50	24	21.00	21.02	20.92		
20	16QAM	50	50	20.96	20.85	20.89		
20	16QAM	100	0	20.86	20.88	20.90		
20	64QAM	1	0	21.13	20.85	21.28	22	0
20	64QAM	1	49	21.20	21.24	21.17		
20	64QAM	1	99	21.08	20.98	20.90		
20	64QAM	50	0	21.01	20.97	20.86	22	0
20	64QAM	50	24	20.89	20.92	20.98		
20	64QAM	50	50	21.01	20.89	20.84		
20	64QAM	100	0	20.94	20.94	20.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.40	21.38	21.42	22	0
15	QPSK	1	37	21.01	21.05	21.15		
15	QPSK	1	74	20.93	20.81	20.93		
15	QPSK	36	0	21.06	21.19	21.06	22	0
15	QPSK	36	20	21.06	20.94	21.11		
15	QPSK	36	39	21.01	20.90	20.91		
15	QPSK	75	0	21.03	21.16	21.02		
15	16QAM	1	0	20.93	21.09	21.05	22	0
15	16QAM	1	37	20.68	21.18	21.14		
15	16QAM	1	74	20.86	21.10	21.15		
15	16QAM	36	0	20.88	20.98	20.89	22	0
15	16QAM	36	20	20.93	20.92	20.83		
15	16QAM	36	39	20.84	20.75	20.76		
15	16QAM	75	0	20.78	20.73	20.84		
15	64QAM	1	0	21.05	20.79	21.22	22	0
15	64QAM	1	37	21.13	21.13	21.05		
15	64QAM	1	74	20.94	20.82	20.85		
15	64QAM	36	0	20.92	20.85	20.70	22	0
15	64QAM	36	20	20.73	20.80	20.85		
15	64QAM	36	39	20.93	20.84	20.69		
15	64QAM	75	0	20.85	20.86	20.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.32	21.35	21.41	22	0
10	QPSK	1	25	21.04	21.01	21.17		
10	QPSK	1	49	20.90	20.87	20.91		
10	QPSK	25	0	21.01	21.14	21.02	22	0
10	QPSK	25	12	20.98	20.87	21.08		
10	QPSK	25	25	20.95	20.99	20.96		
10	QPSK	50	0	21.10	21.13	21.00		
10	16QAM	1	0	20.94	20.98	21.14	22	0
10	16QAM	1	25	20.74	21.15	21.18		
10	16QAM	1	49	20.89	21.11	21.18		
10	16QAM	25	0	20.84	20.87	20.84	22	0
10	16QAM	25	12	20.87	20.86	20.77		
10	16QAM	25	25	20.80	20.76	20.84		
10	16QAM	50	0	20.78	20.73	20.82		
10	64QAM	1	0	21.03	20.73	21.23	22	0
10	64QAM	1	25	21.08	21.14	21.07		
10	64QAM	1	49	21.02	20.85	20.85		
10	64QAM	25	0	20.86	20.91	20.80	22	0
10	64QAM	25	12	20.78	20.82	20.85		
10	64QAM	25	25	20.93	20.78	20.76		
10	64QAM	50	0	20.79	20.82	20.83		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.32	21.38	21.38	22	0
5	QPSK	1	12	21.04	21.04	21.14		
5	QPSK	1	24	20.89	20.84	20.92		
5	QPSK	12	0	21.10	21.18	21.05	22	0
5	QPSK	12	7	21.00	20.96	21.11		
5	QPSK	12	13	21.01	20.92	20.94		
5	QPSK	25	0	21.06	21.15	20.98		
5	16QAM	1	0	21.02	20.99	21.05	22	0
5	16QAM	1	12	20.73	21.17	21.17		
5	16QAM	1	24	20.90	21.02	21.17		
5	16QAM	12	0	20.89	20.90	20.89	22	0
5	16QAM	12	7	20.89	20.94	20.84		
5	16QAM	12	13	20.87	20.80	20.83		
5	16QAM	25	0	20.74	20.72	20.78		
5	64QAM	1	0	21.07	20.80	21.18	22	0
5	64QAM	1	12	21.06	21.16	21.09		
5	64QAM	1	24	21.02	20.83	20.80		
5	64QAM	12	0	20.93	20.90	20.80	22	0
5	64QAM	12	7	20.75	20.76	20.92		
5	64QAM	12	13	20.87	20.80	20.68		
5	64QAM	25	0	20.88	20.78	20.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.42	21.45	21.35	22	0
3	QPSK	1	8	21.01	21.03	21.16		
3	QPSK	1	14	20.94	20.79	20.94		
3	QPSK	8	0	21.01	21.19	21.12	22	0
3	QPSK	8	4	21.03	20.92	21.11		
3	QPSK	8	7	20.97	20.88	20.96		
3	QPSK	15	0	21.08	21.08	20.96		
3	16QAM	1	0	20.97	20.98	21.12	22	0
3	16QAM	1	8	20.67	21.25	21.23		
3	16QAM	1	14	20.90	21.08	21.14		
3	16QAM	8	0	20.93	20.89	20.87	22	0
3	16QAM	8	4	20.90	20.93	20.84		
3	16QAM	8	7	20.86	20.69	20.82		
3	16QAM	15	0	20.70	20.82	20.74		
3	64QAM	1	0	21.00	20.79	21.19	22	0
3	64QAM	1	8	21.13	21.17	21.05		
3	64QAM	1	14	20.97	20.88	20.75		
3	64QAM	8	0	20.87	20.84	20.73	22	0
3	64QAM	8	4	20.80	20.87	20.82		
3	64QAM	8	7	20.88	20.80	20.78		
3	64QAM	15	0	20.79	20.84	20.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.39	21.36	22	0
1.4	QPSK	1	3	21.03	21.02	21.13		
1.4	QPSK	1	5	20.88	20.79	20.99		
1.4	QPSK	3	0	21.06	21.20	21.13		
1.4	QPSK	3	1	21.02	20.91	21.08		
1.4	QPSK	3	3	21.01	20.98	21.00		
1.4	QPSK	6	0	21.06	21.11	20.97	22	0
1.4	16QAM	1	0	21.00	21.00	21.12	22	0
1.4	16QAM	1	3	20.68	21.21	21.23		
1.4	16QAM	1	5	20.87	21.11	21.14		
1.4	16QAM	3	0	20.93	20.94	20.90		
1.4	16QAM	3	1	20.94	20.93	20.76		
1.4	16QAM	3	3	20.88	20.76	20.76		
1.4	16QAM	6	0	20.70	20.75	20.80	22	0
1.4	64QAM	1	0	21.05	20.72	21.15	22	0
1.4	64QAM	1	3	21.12	21.15	21.05		
1.4	64QAM	1	5	20.94	20.92	20.79		
1.4	64QAM	3	0	20.86	20.91	20.70		
1.4	64QAM	3	1	20.81	20.81	20.92		
1.4	64QAM	3	3	20.93	20.75	20.68		
1.4	64QAM	6	0	20.81	20.88	20.80	22	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.50	19.51	19.18	20.5	0
20	QPSK	1	49	19.33	19.32	18.96		
20	QPSK	1	99	19.13	19.10	18.99		
20	QPSK	50	0	19.28	19.29	19.11	20.5	0
20	QPSK	50	24	19.27	19.27	19.09		
20	QPSK	50	50	19.24	19.16	19.00		
20	QPSK	100	0	19.25	19.33	19.02		
20	16QAM	1	0	19.25	19.30	19.27	20.5	0
20	16QAM	1	49	19.03	19.26	19.03		
20	16QAM	1	99	19.22	18.92	18.59		
20	16QAM	50	0	18.99	19.02	18.72	20.5	0
20	16QAM	50	24	18.97	18.90	18.80		
20	16QAM	50	50	19.08	18.80	18.84		
20	16QAM	100	0	19.04	18.89	18.73		
20	64QAM	1	0	19.17	19.27	18.71	20.5	0
20	64QAM	1	49	19.05	19.05	19.01		
20	64QAM	1	99	19.08	19.27	18.84		
20	64QAM	50	0	19.04	18.91	18.79	20.5	0
20	64QAM	50	24	19.04	18.95	18.92		
20	64QAM	50	50	19.07	18.87	18.70		
20	64QAM	100	0	19.08	18.82	18.73		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.44	19.44	19.04	20.5	0
15	QPSK	1	37	19.27	19.20	18.81		
15	QPSK	1	74	19.02	18.95	18.86		
15	QPSK	36	0	19.21	19.18	18.96	20.5	0
15	QPSK	36	20	19.11	19.18	19.01		
15	QPSK	36	39	19.16	19.02	18.91		
15	QPSK	75	0	19.14	19.19	18.89		
15	16QAM	1	0	19.17	19.15	19.16	20.5	0
15	16QAM	1	37	18.98	19.19	18.93		
15	16QAM	1	74	19.13	18.82	18.52		
15	16QAM	36	0	18.89	18.96	18.66	20.5	0
15	16QAM	36	20	18.83	18.74	18.68		
15	16QAM	36	39	18.98	18.69	18.79		
15	16QAM	75	0	18.89	18.73	18.59		
15	64QAM	1	0	19.05	19.11	18.66	20.5	0
15	64QAM	1	37	18.94	18.96	18.94		
15	64QAM	1	74	18.97	19.14	18.72		
15	64QAM	36	0	18.91	18.75	18.71	20.5	0
15	64QAM	36	20	18.91	18.87	18.78		
15	64QAM	36	39	18.93	18.82	18.57		
15	64QAM	75	0	18.97	18.77	18.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.39	19.36	19.11	20.5	0
10	QPSK	1	25	19.18	19.22	18.87		
10	QPSK	1	49	19.08	18.96	18.93		
10	QPSK	25	0	19.17	19.15	19.05	20.5	0
10	QPSK	25	12	19.11	19.13	18.97		
10	QPSK	25	25	19.18	19.10	18.91		
10	QPSK	50	0	19.10	19.18	18.90		
10	16QAM	1	0	19.09	19.23	19.14	20.5	0
10	16QAM	1	25	18.87	19.13	18.95		
10	16QAM	1	49	19.17	18.79	18.56		
10	16QAM	25	0	18.83	18.94	18.62	20.5	0
10	16QAM	25	12	18.81	18.76	18.69		
10	16QAM	25	25	18.94	18.68	18.71		
10	16QAM	50	0	18.95	18.79	18.59		
10	64QAM	1	0	19.05	19.18	18.59	20.5	0
10	64QAM	1	25	18.95	18.98	18.92		
10	64QAM	1	49	19.03	19.22	18.78		
10	64QAM	25	0	18.89	18.85	18.71	20.5	0
10	64QAM	25	12	18.92	18.81	18.82		
10	64QAM	25	25	19.02	18.73	18.63		
10	64QAM	50	0	18.92	18.71	18.59		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.39	19.42	19.03	20.5	0
5	QPSK	1	12	19.24	19.23	18.89		
5	QPSK	1	24	19.08	19.02	18.88		
5	QPSK	12	0	19.22	19.13	19.04	20.5	0
5	QPSK	12	7	19.21	19.21	19.01		
5	QPSK	12	13	19.08	19.11	18.90		
5	QPSK	25	0	19.18	19.19	18.88		
5	16QAM	1	0	19.12	19.19	19.17	20.5	0
5	16QAM	1	12	18.95	19.17	18.87		
5	16QAM	1	24	19.11	18.79	18.50		
5	16QAM	12	0	18.89	18.92	18.59	20.5	0
5	16QAM	12	7	18.82	18.79	18.68		
5	16QAM	12	13	19.00	18.65	18.73		
5	16QAM	25	0	18.97	18.76	18.59		
5	64QAM	1	0	19.09	19.16	18.64	20.5	0
5	64QAM	1	12	18.98	18.89	18.95		
5	64QAM	1	24	18.93	19.17	18.72		
5	64QAM	12	0	18.98	18.76	18.69	20.5	0
5	64QAM	12	7	18.89	18.82	18.83		
5	64QAM	12	13	18.98	18.72	18.57		
5	64QAM	25	0	19.02	18.75	18.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.45	19.38	19.09	20.5	0
3	QPSK	1	8	19.18	19.21	18.82		
3	QPSK	1	14	18.97	18.95	18.89		
3	QPSK	8	0	19.14	19.15	18.98	20.5	0
3	QPSK	8	4	19.16	19.11	18.95		
3	QPSK	8	7	19.13	19.06	18.85		
3	QPSK	15	0	19.14	19.22	18.91		
3	16QAM	1	0	19.15	19.18	19.11	20.5	0
3	16QAM	1	8	18.89	19.12	18.90		
3	16QAM	1	14	19.07	18.81	18.52		
3	16QAM	8	0	18.92	18.94	18.64	20.5	0
3	16QAM	8	4	18.89	18.76	18.75		
3	16QAM	8	7	18.96	18.64	18.74		
3	16QAM	15	0	18.96	18.76	18.63		
3	64QAM	1	0	19.06	19.18	18.59	20.5	0
3	64QAM	1	8	18.90	18.94	18.92		
3	64QAM	1	14	18.94	18.19	18.75		
3	64QAM	8	0	18.97	18.75	18.70	20.5	0
3	64QAM	8	4	18.94	18.87	18.85		
3	64QAM	8	7	18.95	18.73	18.57		
3	64QAM	15	0	18.98	18.68	18.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.44	19.37	19.10	20.5	0
1.4	QPSK	1	3	19.19	19.16	18.81		
1.4	QPSK	1	5	19.00	19.00	18.90		
1.4	QPSK	3	0	19.22	19.17	18.95		
1.4	QPSK	3	1	19.22	19.18	18.97		
1.4	QPSK	3	3	19.14	19.09	18.92		
1.4	QPSK	6	0	19.09	19.18	18.96	20.5	0
1.4	16QAM	1	0	19.14	19.22	19.22	20.5	0
1.4	16QAM	1	3	18.89	19.20	18.93		
1.4	16QAM	1	5	19.12	18.81	18.53		
1.4	16QAM	3	0	18.83	18.92	18.65		
1.4	16QAM	3	1	18.92	18.74	18.68		
1.4	16QAM	3	3	18.92	18.74	18.74		
1.4	16QAM	6	0	18.97	18.73	18.64	20.5	0
1.4	64QAM	1	0	19.11	19.15	18.59	20.5	0
1.4	64QAM	1	3	18.94	18.89	18.91		
1.4	64QAM	1	5	19.00	19.13	18.69		
1.4	64QAM	3	0	18.88	18.86	18.72		
1.4	64QAM	3	1	18.90	18.79	18.80		
1.4	64QAM	3	3	19.00	18.81	18.60		
1.4	64QAM	6	0	18.92	18.73	18.59	20.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.64	21.71	21.62	22.2	0
20	QPSK	1	49	21.43	21.26	21.39		
20	QPSK	1	99	21.36	21.31	21.55		
20	QPSK	50	0	21.43	21.53	21.42	22.2	0
20	QPSK	50	24	21.37	21.35	21.39		
20	QPSK	50	50	21.32	21.40	21.32		
20	QPSK	100	0	21.42	21.47	21.37		
20	16QAM	1	0	21.48	21.33	21.47	22.2	0
20	16QAM	1	49	21.29	21.36	21.25		
20	16QAM	1	99	21.41	21.22	21.38		
20	16QAM	50	0	21.03	20.85	20.92	22.2	0
20	16QAM	50	24	21.11	20.85	21.03		
20	16QAM	50	50	21.03	20.99	21.01		
20	16QAM	100	0	20.98	20.84	20.98		
20	64QAM	1	0	21.22	20.63	21.06	22.2	0
20	64QAM	1	49	20.91	21.27	21.36		
20	64QAM	1	99	20.98	20.94	21.20		
20	64QAM	50	0	20.43	20.38	20.23	21.2	1
20	64QAM	50	24	20.44	20.29	20.35		
20	64QAM	50	50	20.41	20.40	20.45		
20	64QAM	100	0	20.42	20.28	20.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.52	21.66	21.55	22.2	0
15	QPSK	1	37	21.29	21.10	21.27		
15	QPSK	1	74	21.23	21.23	21.41		
15	QPSK	36	0	21.35	21.47	21.27	22.2	0
15	QPSK	36	20	21.30	21.21	21.27		
15	QPSK	36	39	21.27	21.27	21.16		
15	QPSK	75	0	21.26	21.40	21.27		
15	16QAM	1	0	21.33	21.20	21.31	22.2	0
15	16QAM	1	37	21.14	21.27	21.19		
15	16QAM	1	74	21.35	21.10	21.24		
15	16QAM	36	0	20.89	20.78	20.86	22.2	0
15	16QAM	36	20	20.98	20.77	20.91		
15	16QAM	36	39	20.89	20.83	20.96		
15	16QAM	75	0	20.90	20.78	20.84		
15	64QAM	1	0	21.09	20.48	20.99	22.2	0
15	64QAM	1	37	20.82	21.14	21.30		
15	64QAM	1	74	20.88	20.87	21.12		
15	64QAM	36	0	20.31	20.31	20.18	21.2	1
15	64QAM	36	20	20.35	20.22	20.24		
15	64QAM	36	39	20.32	20.25	20.31		
15	64QAM	75	0	20.32	20.13	20.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.51	21.56	21.52	22.2	0
10	QPSK	1	25	21.37	21.16	21.23		
10	QPSK	1	49	21.29	21.18	21.50		
10	QPSK	25	0	21.27	21.46	21.28	22.2	0
10	QPSK	25	12	21.29	21.20	21.25		
10	QPSK	25	25	21.23	21.30	21.19		
10	QPSK	50	0	21.29	21.37	21.25		
10	16QAM	1	0	21.43	21.26	21.39	22.2	0
10	16QAM	1	25	21.19	21.28	21.20		
10	16QAM	1	49	21.31	21.12	21.24		
10	16QAM	25	0	20.94	20.76	20.81	22.2	0
10	16QAM	25	12	20.96	20.78	20.93		
10	16QAM	25	25	20.92	20.90	20.94		
10	16QAM	50	0	20.86	20.69	20.88		
10	64QAM	1	0	21.08	20.55	20.95	22.2	0
10	64QAM	1	25	20.83	21.18	21.30		
10	64QAM	1	49	20.90	20.82	21.09		
10	64QAM	25	0	20.33	20.22	20.10	21.2	1
10	64QAM	25	12	20.35	20.17	20.22		
10	64QAM	25	25	20.32	20.25	20.40		
10	64QAM	50	0	20.37	20.19	20.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.56	21.58	21.56	22.2	0
5	QPSK	1	12	21.31	21.21	21.31		
5	QPSK	1	24	21.30	21.21	21.44		
5	QPSK	12	0	21.33	21.38	21.33	22.2	0
5	QPSK	12	7	21.29	21.23	21.30		
5	QPSK	12	13	21.18	21.32	21.21		
5	QPSK	25	0	21.34	21.40	21.31		
5	16QAM	1	0	21.33	21.23	21.33	22.2	0
5	16QAM	1	12	21.13	21.23	21.17		
5	16QAM	1	24	21.29	21.10	21.24		
5	16QAM	12	0	20.96	20.71	20.81	22.2	0
5	16QAM	12	7	21.04	20.71	20.94		
5	16QAM	12	13	20.89	20.92	20.95		
5	16QAM	25	0	20.91	20.73	20.93		
5	64QAM	1	0	21.08	20.47	21.01	22.2	0
5	64QAM	1	12	20.83	21.13	21.28		
5	64QAM	1	24	20.89	20.80	21.10		
5	64QAM	12	0	20.37	20.27	20.13	21.2	1
5	64QAM	12	7	20.37	20.22	20.27		
5	64QAM	12	13	20.27	20.33	20.39		
5	64QAM	25	0	20.28	20.15	20.32		

Band 38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.76	23.06	22.82	24	0
20	QPSK	1	49	22.70	22.76	22.78		
20	QPSK	1	99	22.71	22.80	22.75		
20	QPSK	50	0	22.71	22.93	22.90	24	0
20	QPSK	50	24	22.62	22.81	22.89		
20	QPSK	50	50	22.64	22.87	22.82		
20	QPSK	100	0	22.77	22.84	22.82		
20	16QAM	1	0	22.87	22.77	23.04	24	0
20	16QAM	1	49	22.87	22.82	22.99		
20	16QAM	1	99	22.97	22.80	22.89		
20	16QAM	50	0	21.67	21.81	21.82	23	1
20	16QAM	50	24	21.84	21.75	21.92		
20	16QAM	50	50	21.76	21.83	21.85		
20	16QAM	100	0	21.77	21.86	21.84		
20	64QAM	1	0	21.85	21.65	21.90	23	1
20	64QAM	1	49	21.81	21.60	21.87		
20	64QAM	1	99	22.02	22.49	21.96		
20	64QAM	50	0	20.66	20.77	20.68	22	2
20	64QAM	50	24	20.83	20.75	20.86		
20	64QAM	50	50	20.80	20.88	20.89		
20	64QAM	100	0	20.83	20.77	20.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.69	22.92	22.77	24	0
15	QPSK	1	37	22.63	22.71	22.71		
15	QPSK	1	74	22.65	22.64	22.69		
15	QPSK	36	0	22.60	22.82	22.77	24	0
15	QPSK	36	20	22.54	22.66	22.76		
15	QPSK	36	39	22.52	22.76	22.73		
15	QPSK	75	0	22.62	22.75	22.74		
15	16QAM	1	0	22.75	22.69	22.88	24	0
15	16QAM	1	37	22.73	22.72	22.89		
15	16QAM	1	74	22.91	22.65	22.80		
15	16QAM	36	0	21.55	21.72	21.71	23	1
15	16QAM	36	20	21.69	21.60	21.82		
15	16QAM	36	39	21.70	21.69	21.74		
15	16QAM	75	0	21.61	21.79	21.71		
15	64QAM	1	0	21.70	21.49	21.82	23	1
15	64QAM	1	37	21.66	21.52	21.78		
15	64QAM	1	74	21.90	22.43	21.83		
15	64QAM	36	0	20.54	20.68	20.56	22	2
15	64QAM	36	20	20.67	20.68	20.77		
15	64QAM	36	39	20.67	20.77	20.76		
15	64QAM	75	0	20.76	20.62	20.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.60	22.91	22.76	24	0
10	QPSK	1	25	22.60	22.64	22.69		
10	QPSK	1	49	22.64	22.73	22.64		
10	QPSK	25	0	22.57	22.77	22.85	24	0
10	QPSK	25	12	22.57	22.69	22.77		
10	QPSK	25	25	22.56	22.77	22.68		
10	QPSK	50	0	22.71	22.76	22.74		
10	16QAM	1	0	22.81	22.72	22.98	24	0
10	16QAM	1	25	22.77	22.77	22.88		
10	16QAM	1	49	22.86	22.65	22.80		
10	16QAM	25	0	21.54	21.74	21.71	23	1
10	16QAM	25	12	21.76	21.70	21.87		
10	16QAM	25	25	21.69	21.70	21.77		
10	16QAM	50	0	21.62	21.77	21.68		
10	64QAM	1	0	21.77	21.57	21.83	23	1
10	64QAM	1	25	21.74	21.51	21.81		
10	64QAM	1	49	21.94	22.38	21.86		
10	64QAM	25	0	20.51	20.71	20.54	22	2
10	64QAM	25	12	20.75	20.65	20.70		
10	64QAM	25	25	20.74	20.82	20.78		
10	64QAM	50	0	20.77	20.67	20.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.62	22.95	22.67	24	0
5	QPSK	1	12	22.60	22.60	22.66		
5	QPSK	1	24	22.65	22.68	22.67		
5	QPSK	12	0	22.60	22.84	22.84	24	0
5	QPSK	12	7	22.47	22.71	22.73		
5	QPSK	12	13	22.54	22.79	22.72		
5	QPSK	25	0	22.71	22.68	22.73		
5	16QAM	1	0	22.79	22.65	22.90	24	0
5	16QAM	1	12	22.74	22.77	22.83		
5	16QAM	1	24	22.91	22.68	22.82		
5	16QAM	12	0	21.60	21.73	21.73	23	1
5	16QAM	12	7	21.68	21.70	21.83		
5	16QAM	12	13	21.60	21.77	21.73		
5	16QAM	25	0	21.71	21.76	21.79		
5	64QAM	1	0	21.78	21.56	21.80	23	1
5	64QAM	1	12	21.68	21.52	21.73		
5	64QAM	1	24	21.94	22.37	21.83		
5	64QAM	12	0	20.52	20.67	20.59	22	2
5	64QAM	12	7	20.77	20.63	20.70		
5	64QAM	12	13	20.74	20.78	20.82		
5	64QAM	25	0	20.70	20.67	20.63		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.29	22.51	22.24	23.5	0
20	QPSK	1	49	22.26	22.34	22.23		
20	QPSK	1	99	22.09	22.13	22.21		
20	QPSK	50	0	22.20	22.37	22.26	23.5	0
20	QPSK	50	24	22.19	22.18	22.16		
20	QPSK	50	50	22.16	22.32	22.18		
20	QPSK	100	0	22.31	22.38	22.30		
20	16QAM	1	0	22.28	22.04	21.99	23.5	0
20	16QAM	1	49	22.20	22.27	22.23		
20	16QAM	1	99	22.11	21.81	22.46		
20	16QAM	50	0	21.10	21.17	21.20	22.5	1
20	16QAM	50	24	21.31	21.21	21.28		
20	16QAM	50	50	21.19	21.34	21.32		
20	16QAM	100	0	21.23	21.12	21.34		
20	64QAM	1	0	21.57	21.50	22.05	22.5	1
20	64QAM	1	49	21.96	21.64	22.23		
20	64QAM	1	99	21.51	21.77	21.62		
20	64QAM	50	0	20.51	20.52	20.58	21.5	2
20	64QAM	50	24	20.57	20.58	20.63		
20	64QAM	50	50	20.52	20.52	20.65		
20	64QAM	100	0	20.92	20.75	20.88		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.13	22.41	22.17	23.5	0
15	QPSK	1	37	22.14	22.20	22.08		
15	QPSK	1	74	21.93	22.01	22.16		
15	QPSK	36	0	22.04	22.31	22.21	23.5	0
15	QPSK	36	20	22.13	22.13	22.05		
15	QPSK	36	39	22.08	22.25	22.04		
15	QPSK	75	0	22.16	22.25	22.18		
15	16QAM	1	0	22.20	21.99	21.88	23.5	0
15	16QAM	1	37	22.10	22.18	22.13		
15	16QAM	1	74	22.05	21.72	22.37		
15	16QAM	36	0	20.98	21.10	21.09	22.5	1
15	16QAM	36	20	21.17	21.12	21.13		
15	16QAM	36	39	21.11	21.18	21.25		
15	16QAM	75	0	21.17	21.05	21.23		
15	64QAM	1	0	21.68	21.63	22.17	22.5	1
15	64QAM	1	37	21.95	21.69	22.37		
15	64QAM	1	74	21.68	21.96	21.77		
15	64QAM	36	0	20.58	20.73	20.64	21.5	2
15	64QAM	36	20	20.61	20.61	20.67		
15	64QAM	36	39	20.64	20.55	20.84		
15	64QAM	75	0	20.99	20.84	21.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.20	22.40	22.17	23.5	0
10	QPSK	1	25	22.19	22.21	22.17		
10	QPSK	1	49	22.01	22.02	22.13		
10	QPSK	25	0	22.10	22.29	22.16	23.5	0
10	QPSK	25	12	22.08	22.12	22.05		
10	QPSK	25	25	22.10	22.23	22.10		
10	QPSK	50	0	22.19	22.23	22.22		
10	16QAM	1	0	22.18	21.88	21.90	23.5	0
10	16QAM	1	25	22.10	22.11	22.16		
10	16QAM	1	49	21.97	21.74	22.32		
10	16QAM	25	0	20.96	21.03	21.05	22.5	1
10	16QAM	25	12	21.26	21.09	21.15		
10	16QAM	25	25	21.04	21.24	21.22		
10	16QAM	50	0	21.07	21.04	21.26		
10	64QAM	1	0	21.71	21.53	22.20	22.5	1
10	64QAM	1	25	22.00	21.73	22.34		
10	64QAM	1	49	21.71	22.01	21.69		
10	64QAM	25	0	20.56	20.70	20.71	21.5	2
10	64QAM	25	12	20.61	20.64	20.76		
10	64QAM	25	25	20.59	20.64	20.78		
10	64QAM	50	0	21.03	20.79	21.01		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.19	22.46	22.14	23.5	0
5	QPSK	1	12	22.13	22.28	22.11		
5	QPSK	1	24	22.04	22.01	22.05		
5	QPSK	12	0	22.14	22.32	22.20	23.5	0
5	QPSK	12	7	22.03	22.13	22.08		
5	QPSK	12	13	22.04	22.21	22.05		
5	QPSK	25	0	22.25	22.27	22.20		
5	16QAM	1	0	22.16	21.99	21.91	23.5	0
5	16QAM	1	12	22.09	22.12	22.13		
5	16QAM	1	24	21.96	21.69	22.30		
5	16QAM	12	0	21.02	21.05	21.14	22.5	1
5	16QAM	12	7	21.19	21.11	21.18		
5	16QAM	12	13	21.08	21.27	21.26		
5	16QAM	25	0	21.10	21.05	21.18		
5	64QAM	1	0	21.63	21.60	22.11	22.5	1
5	64QAM	1	12	22.00	21.71	22.29		
5	64QAM	1	24	21.63	21.91	21.74		
5	64QAM	12	0	20.66	20.73	20.64	21.5	2
5	64QAM	12	7	20.60	20.66	20.67		
5	64QAM	12	13	20.58	20.56	20.78		
5	64QAM	25	0	21.02	20.78	21.09		

Band 41_Ant 13

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	21.28	21.26	21.50	21.26	21.25	22	0
20	QPSK	1	49	21.15	21.18	21.24	21.25	21.22		
20	QPSK	1	99	21.17	21.20	21.24	21.22	21.20		
20	QPSK	50	0	21.27	21.43	21.46	21.36	21.28	22	0
20	QPSK	50	24	21.21	21.36	21.18	21.28	21.20		
20	QPSK	50	50	21.15	21.24	21.34	21.34	21.27		
20	QPSK	100	0	21.35	21.37	21.44	21.33	21.25		
20	16QAM	1	0	20.50	20.70	21.03	21.06	21.36	22	0
20	16QAM	1	49	20.88	21.33	20.99	21.26	21.07		
20	16QAM	1	99	21.14	21.15	21.08	20.67	21.13		
20	16QAM	50	0	21.25	21.34	21.31	21.28	21.20	22	0
20	16QAM	50	24	21.39	21.41	21.20	21.36	21.17		
20	16QAM	50	50	21.32	21.10	21.33	21.33	21.30		
20	16QAM	100	0	21.33	21.43	21.24	21.27	21.19		
20	64QAM	1	0	20.98	21.16	21.33	21.11	21.22	22	0
20	64QAM	1	49	21.06	21.36	21.33	21.21	20.95		
20	64QAM	1	99	20.84	21.03	21.16	20.78	21.02		
20	64QAM	50	0	20.30	20.33	20.15	20.34	20.22	21	1
20	64QAM	50	24	20.52	20.51	20.21	20.33	20.14		
20	64QAM	50	50	20.39	20.29	20.29	20.29	20.33		
20	64QAM	100	0	20.38	20.38	20.14	20.33	20.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.18	21.14	21.40	21.16	21.10	22	0
15	QPSK	1	37	21.00	21.13	21.13	21.15	21.14		
15	QPSK	1	74	21.05	21.04	21.18	21.09	21.10		
15	QPSK	36	0	21.16	21.29	21.32	21.23	21.20	22	0
15	QPSK	36	20	21.14	21.30	21.07	21.19	21.07		
15	QPSK	36	39	21.01	21.16	21.21	21.19	21.17		
15	QPSK	75	0	21.22	21.23	21.36	21.20	21.10		
15	16QAM	1	0	20.37	20.60	20.89	20.92	21.31	22	0
15	16QAM	1	37	20.73	21.22	20.86	21.20	20.95		
15	16QAM	1	74	21.03	21.09	20.94	20.61	21.00		
15	16QAM	36	0	21.13	21.28	21.25	21.13	21.05	22	0
15	16QAM	36	20	21.33	21.33	21.04	21.24	21.06		
15	16QAM	36	39	21.18	20.97	21.17	21.24	21.24		
15	16QAM	75	0	21.22	21.36	21.14	21.12	21.13		
15	64QAM	1	0	20.88	21.03	21.27	20.96	21.17	22	0
15	64QAM	1	37	20.93	21.31	21.25	21.10	20.85		
15	64QAM	1	74	20.75	20.92	21.02	20.68	20.95		
15	64QAM	36	0	20.18	20.25	20.06	20.29	20.16	21	1
15	64QAM	36	20	20.41	20.39	20.05	20.17	20.04		
15	64QAM	36	39	20.25	20.13	20.22	20.14	20.25		
15	64QAM	75	0	20.32	20.26	20.03	20.26	20.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.23	21.15	21.36	21.11	21.18	22	0
10	QPSK	1	25	21.06	21.08	21.17	21.15	21.17		
10	QPSK	1	49	21.05	21.04	21.10	21.16	21.04		
10	QPSK	25	0	21.16	21.29	21.30	21.20	21.14	22	0
10	QPSK	25	12	21.14	21.26	21.11	21.18	21.10		
10	QPSK	25	25	21.04	21.10	21.23	21.21	21.22		
10	QPSK	50	0	21.29	21.32	21.35	21.22	21.16		
10	16QAM	1	0	20.44	20.57	20.96	20.90	21.28	22	0
10	16QAM	1	25	20.74	21.22	20.88	21.21	20.98		
10	16QAM	1	49	21.06	21.05	20.92	20.58	21.08		
10	16QAM	25	0	21.09	21.19	21.26	21.12	21.11	22	0
10	16QAM	25	12	21.30	21.34	21.15	21.22	21.09		
10	16QAM	25	25	21.24	21.04	21.17	21.21	21.16		
10	16QAM	50	0	21.20	21.29	21.11	21.21	21.04		
10	64QAM	1	0	20.83	21.11	21.24	21.00	21.06	22	0
10	64QAM	1	25	20.94	21.29	21.21	21.09	20.79		
10	64QAM	1	49	20.70	20.98	21.03	20.64	20.86		
10	64QAM	25	0	20.14	20.21	20.01	20.22	20.14	21	1
10	64QAM	25	12	20.39	20.35	20.11	20.23	20.02		
10	64QAM	25	25	20.28	20.14	20.19	20.13	20.18		
10	64QAM	50	0	20.25	20.24	20.08	20.24	20.11		
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	21.14	21.17	21.40	21.14	21.12	22	0
5	QPSK	1	12	21.02	21.05	21.11	21.14	21.12		
5	QPSK	1	24	21.02	21.09	21.13	21.12	21.15		
5	QPSK	12	0	21.11	21.29	21.36	21.20	21.23	22	0
5	QPSK	12	7	21.12	21.21	21.10	21.22	21.06		
5	QPSK	12	13	21.06	21.14	21.21	21.25	21.17		
5	QPSK	25	0	21.28	21.28	21.32	21.24	21.15		
5	16QAM	1	0	20.43	20.62	20.92	21.01	21.28	22	0
5	16QAM	1	12	20.77	21.21	20.83	21.10	20.98		
5	16QAM	1	24	21.04	20.99	20.93	20.58	20.98		
5	16QAM	12	0	21.13	21.21	21.16	21.12	21.06	22	0
5	16QAM	12	7	21.32	21.35	21.15	21.24	21.11		
5	16QAM	12	13	21.26	21.02	21.28	21.18	21.16		
5	16QAM	25	0	21.17	21.27	21.13	21.11	21.09		
5	64QAM	1	0	20.87	21.01	21.26	21.05	21.08	22	0
5	64QAM	1	12	20.94	21.26	21.17	21.12	20.87		
5	64QAM	1	24	20.74	20.93	21.02	20.64	20.88		
5	64QAM	12	0	20.25	20.28	20.05	20.22	20.11	21	1
5	64QAM	12	7	20.41	20.45	20.13	20.21	20.02		
5	64QAM	12	13	20.25	20.14	20.22	20.20	20.22		
5	64QAM	25	0	20.25	20.33	20.06	20.27	20.08		

Band 41_Ant 31

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	23.21	23.28	23.31	23.30	23.27	24	0
20	QPSK	1	49	23.09	23.04	22.97	23.03	23.02		
20	QPSK	1	99	22.92	22.90	23.08	22.86	23.00		
20	QPSK	50	0	23.13	23.11	23.16	23.11	22.99	24	0
20	QPSK	50	24	23.08	23.10	22.96	23.07	22.96		
20	QPSK	50	50	23.02	22.98	23.02	22.94	22.96		
20	QPSK	100	0	23.04	23.10	23.12	22.98	22.94		
20	16QAM	1	0	23.05	22.97	22.92	22.92	23.05	24	0
20	16QAM	1	49	22.96	22.94	23.18	23.01	22.99		
20	16QAM	1	99	23.02	23.01	22.97	23.27	22.90		
20	16QAM	50	0	21.83	22.16	22.06	22.01	21.82	23	1
20	16QAM	50	24	21.91	22.27	21.92	22.16	21.90		
20	16QAM	50	50	21.91	21.90	21.90	21.86	21.87		
20	16QAM	100	0	21.92	22.01	22.02	21.95	21.84		
20	64QAM	1	0	21.89	21.99	21.88	21.98	21.99	23	1
20	64QAM	1	49	22.11	22.01	22.17	21.96	21.77		
20	64QAM	1	99	21.59	22.03	22.25	22.19	21.92		
20	64QAM	50	0	20.84	21.31	21.33	20.90	20.81	22	2
20	64QAM	50	24	20.94	21.30	20.99	21.13	20.87		
20	64QAM	50	50	20.93	20.86	20.86	21.02	20.83		
20	64QAM	100	0	20.86	21.02	20.95	21.00	20.85		
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	23.08	23.22	23.25	23.24	23.20	24	0
15	QPSK	1	37	23.01	22.90	22.84	22.91	22.94		
15	QPSK	1	74	22.78	22.78	23.03	22.77	22.95		
15	QPSK	36	0	23.08	23.02	23.09	22.95	22.83	24	0
15	QPSK	36	20	22.97	23.05	22.80	23.02	22.91		
15	QPSK	36	39	22.90	22.87	22.88	22.82	22.83		
15	QPSK	75	0	22.95	23.03	23.05	22.84	22.87		
15	16QAM	1	0	22.75	22.67	22.58	22.65	22.70	24	0
15	16QAM	1	37	22.61	22.67	22.89	22.71	22.73		
15	16QAM	1	74	22.67	22.71	22.71	22.91	22.65		
15	16QAM	36	0	21.89	22.00	21.91	21.87	21.69	23	1
15	16QAM	36	20	21.81	22.18	21.76	22.03	21.77		
15	16QAM	36	39	21.84	21.78	21.75	21.73	21.71		
15	16QAM	75	0	21.76	21.89	21.90	21.80	21.79		
15	64QAM	1	0	21.76	21.91	21.76	21.87	21.86	23	1
15	64QAM	1	37	22.05	21.92	22.10	21.90	21.65		
15	64QAM	1	74	21.52	21.95	22.16	22.13	21.77		
15	64QAM	36	0	20.69	21.22	21.25	20.83	20.69	22	2
15	64QAM	36	20	20.85	21.19	20.88	21.06	20.72		
15	64QAM	36	39	20.86	20.73	20.81	20.87	20.69		
15	64QAM	75	0	20.76	20.92	20.90	20.94	20.69		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.15	23.12	23.15	23.18	23.13	24	0
10	QPSK	1	25	22.94	22.91	22.92	22.94	22.93		
10	QPSK	1	49	22.77	22.79	22.99	22.81	22.92		
10	QPSK	25	0	22.98	23.00	23.06	23.02	22.84	24	0
10	QPSK	25	12	23.01	22.94	22.91	22.92	22.84		
10	QPSK	25	25	22.90	22.89	22.87	22.79	22.81		
10	QPSK	50	0	22.97	23.05	22.99	22.92	22.86		
10	16QAM	1	0	22.72	22.65	22.63	22.59	22.79	24	0
10	16QAM	1	25	22.70	22.58	22.89	22.65	22.74		
10	16QAM	1	49	22.70	22.72	22.62	22.96	22.58		
10	16QAM	25	0	21.75	22.08	21.94	21.94	21.76	23	1
10	16QAM	25	12	21.85	22.21	21.80	22.07	21.75		
10	16QAM	25	25	21.80	21.77	21.84	21.78	21.75		
10	16QAM	50	0	21.78	21.90	21.94	21.82	21.72		
10	64QAM	1	0	21.73	21.88	21.81	21.91	21.93	23	1
10	64QAM	1	25	22.04	21.86	22.01	21.88	21.63		
10	64QAM	1	49	21.49	21.95	22.20	22.05	21.79		
10	64QAM	25	0	20.70	21.18	21.28	20.74	20.73	22	2
10	64QAM	25	12	20.84	21.21	20.83	21.08	20.80		
10	64QAM	25	25	20.79	20.75	20.78	20.95	20.77		
10	64QAM	50	0	20.75	20.87	20.81	20.88	20.78		
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	23.15	23.22	23.24	23.24	23.22	24	0
5	QPSK	1	12	22.97	22.99	22.85	22.93	22.86		
5	QPSK	1	24	22.81	22.77	23.00	22.71	22.91		
5	QPSK	12	0	23.01	23.01	23.05	23.04	22.86	24	0
5	QPSK	12	7	23.03	22.94	22.85	23.02	22.85		
5	QPSK	12	13	22.87	22.89	22.90	22.86	22.84		
5	QPSK	25	0	22.95	22.95	23.06	22.85	22.88		
5	16QAM	1	0	22.78	22.62	22.60	22.58	22.77	24	0
5	16QAM	1	12	22.63	22.65	22.90	22.70	22.65		
5	16QAM	1	24	22.71	22.73	22.61	22.92	22.56		
5	16QAM	12	0	21.70	22.08	21.96	21.96	21.69	23	1
5	16QAM	12	7	21.81	22.17	21.85	22.04	21.75		
5	16QAM	12	13	21.77	21.77	21.76	21.74	21.81		
5	16QAM	25	0	21.86	21.88	21.96	21.90	21.79		
5	64QAM	1	0	21.78	21.94	21.72	21.88	21.84	23	1
5	64QAM	1	12	21.96	21.90	22.12	21.80	21.70		
5	64QAM	1	24	21.53	21.97	22.15	22.12	21.84		
5	64QAM	12	0	20.68	21.15	21.21	20.80	20.74	22	2
5	64QAM	12	7	20.81	21.20	20.87	21.01	20.74		
5	64QAM	12	13	20.88	20.74	20.79	20.97	20.68		
5	64QAM	25	0	20.80	20.97	20.80	20.86	20.76		

Band 41_Ant 25

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	22.08	22.28	22.53	22.19	22.05	23.5	0
20	QPSK	1	49	22.02	22.19	22.01	22.18	22.01		
20	QPSK	1	99	21.86	21.89	22.12	22.07	21.98		
20	QPSK	50	0	22.16	22.09	22.19	22.15	22.08	23.5	0
20	QPSK	50	24	22.11	22.07	22.17	22.08	22.03		
20	QPSK	50	50	22.09	22.05	22.06	22.14	22.06		
20	QPSK	100	0	22.07	22.15	22.21	22.18	22.05		
20	16QAM	1	0	22.26	22.11	22.17	22.26	22.49	23.5	0
20	16QAM	1	49	22.40	22.21	22.29	22.20	22.28		
20	16QAM	1	99	22.52	22.35	22.03	22.28	21.97		
20	16QAM	50	0	21.00	22.17	22.12	22.46	20.96	22.5	1
20	16QAM	50	24	21.20	21.72	21.11	22.17	21.02		
20	16QAM	50	50	21.24	21.08	21.09	21.19	21.13		
20	16QAM	100	0	21.13	21.23	21.23	21.27	21.00		
20	64QAM	1	0	21.36	21.26	21.12	21.19	21.27	22.5	1
20	64QAM	1	49	20.93	21.14	21.28	21.17	21.50		
20	64QAM	1	99	20.70	21.19	21.70	21.31	21.04		
20	64QAM	50	0	20.03	21.36	21.44	21.44	19.96	21.5	2
20	64QAM	50	24	20.17	21.33	20.09	21.36	20.08		
20	64QAM	50	50	20.15	19.98	20.11	20.16	20.15		
20	64QAM	100	0	20.16	20.18	20.21	20.30	20.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5		
15	QPSK	1	0	22.02	22.22	22.39	22.13	21.94	23.5	0
15	QPSK	1	37	21.97	22.11	21.85	22.09	21.93		
15	QPSK	1	74	21.78	21.79	22.05	21.99	21.93		
15	QPSK	36	0	22.09	21.95	22.06	22.10	21.98	23.5	0
15	QPSK	36	20	22.02	21.97	22.07	21.99	21.92		
15	QPSK	36	39	21.93	21.91	22.01	22.05	21.90		
15	QPSK	75	0	22.01	22.10	22.07	22.02	21.95		
15	16QAM	1	0	22.14	21.99	22.11	22.12	22.43	23.5	0
15	16QAM	1	37	22.24	22.14	22.18	22.10	22.12		
15	16QAM	1	74	22.47	22.27	21.90	22.13	21.91		
15	16QAM	36	0	20.86	22.01	21.96	22.34	20.84	22.5	1
15	16QAM	36	20	21.07	21.64	20.99	22.04	20.92		
15	16QAM	36	39	21.11	20.95	21.04	21.05	21.07		
15	16QAM	75	0	21.06	21.15	21.18	21.11	20.89		
15	64QAM	1	0	21.22	21.15	21.01	21.13	21.18	22.5	1
15	64QAM	1	37	20.86	21.03	21.17	21.08	21.45		
15	64QAM	1	74	20.59	21.05	21.59	21.17	20.93		
15	64QAM	36	0	19.90	21.31	21.29	21.34	19.85	21.5	2
15	64QAM	36	20	20.07	21.20	19.95	21.21	19.95		
15	64QAM	36	39	20.01	19.88	19.96	20.08	20.08		
15	64QAM	75	0	20.09	20.11	20.07	20.23	19.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.92	22.15	22.40	22.04	21.95	23.5	0
10	QPSK	1	25	21.96	22.11	21.94	22.06	21.96		
10	QPSK	1	49	21.70	21.76	21.97	22.00	21.82		
10	QPSK	25	0	22.01	22.03	22.07	22.08	22.02	23.5	0
10	QPSK	25	12	22.03	21.98	22.06	21.96	21.97		
10	QPSK	25	25	22.02	21.90	22.00	22.07	21.90		
10	QPSK	50	0	21.93	22.05	22.06	22.05	21.97		
10	16QAM	1	0	22.13	22.05	22.04	22.15	22.35	23.5	0
10	16QAM	1	25	22.33	22.05	22.13	22.09	22.15		
10	16QAM	1	49	22.46	22.24	21.89	22.12	21.81		
10	16QAM	25	0	20.86	22.09	22.00	22.41	20.91	22.5	1
10	16QAM	25	12	21.15	21.57	20.97	22.09	20.87		
10	16QAM	25	25	21.12	20.98	20.93	21.12	21.02		
10	16QAM	50	0	20.97	21.15	21.14	21.20	20.93		
10	64QAM	1	0	21.23	21.10	21.04	21.12	21.17	22.5	1
10	64QAM	1	25	20.81	21.09	21.18	21.07	21.36		
10	64QAM	1	49	20.55	21.11	21.60	21.23	20.95		
10	64QAM	25	0	19.88	21.31	21.31	21.29	19.90	21.5	2
10	64QAM	25	12	20.09	21.17	20.04	21.23	20.02		
10	64QAM	25	25	20.00	19.89	20.06	20.00	20.04		
10	64QAM	50	0	20.05	20.04	20.16	20.22	19.92		
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	21.93	22.23	22.46	22.08	21.97	23.5	0
5	QPSK	1	12	21.88	22.14	21.91	22.10	21.94		
5	QPSK	1	24	21.74	21.81	22.02	21.96	21.90		
5	QPSK	12	0	22.04	22.04	22.03	22.07	21.97	23.5	0
5	QPSK	12	7	21.96	22.00	22.08	21.97	21.91		
5	QPSK	12	13	21.99	22.00	22.00	22.06	21.91		
5	QPSK	25	0	21.93	22.05	22.14	22.12	22.00		
5	16QAM	1	0	22.19	22.01	22.06	22.19	22.33	23.5	0
5	16QAM	1	12	22.25	22.05	22.20	22.13	22.15		
5	16QAM	1	24	22.47	22.26	21.92	22.23	21.89		
5	16QAM	12	0	20.86	22.03	22.05	22.32	20.81	22.5	1
5	16QAM	12	7	21.08	21.62	21.05	22.03	20.94		
5	16QAM	12	13	21.19	20.99	21.04	21.06	21.06		
5	16QAM	25	0	21.04	21.11	21.18	21.19	20.85		
5	64QAM	1	0	21.20	21.21	21.04	21.04	21.20	22.5	1
5	64QAM	1	12	20.84	21.00	21.23	21.03	21.37		
5	64QAM	1	24	20.55	21.08	21.64	21.15	20.98		
5	64QAM	12	0	19.96	21.20	21.28	21.33	19.84	21.5	2
5	64QAM	12	7	20.10	21.21	20.03	21.29	19.98		
5	64QAM	12	13	19.99	19.86	19.98	20.04	20.05		
5	64QAM	25	0	20.10	20.02	20.13	20.14	19.87		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	20.00	20.34	20.06	20.5	0
20	QPSK		49	19.98	20.04	20.04		
20	QPSK		99	19.81	19.96	19.90		
20	QPSK	50	0	19.99	20.26	20.20	20.5	0
20	QPSK	50	24	19.97	20.07	20.01		
20	QPSK	50	50	19.92	20.10	20.07		
20	QPSK	100	0	19.90	19.96	19.93		
20	16QAM		0	19.98	19.65	19.90	20.5	0
20	16QAM		49	19.92	20.14	19.43		
20	16QAM		99	20.10	19.86	20.23		
20	16QAM	50	0	19.92	20.13	20.10	20.5	0
20	16QAM	50	24	19.97	19.97	20.07		
20	16QAM	50	50	19.96	20.15	20.12		
20	16QAM	100	0	19.91	20.14	20.09		
20	64QAM		0	19.91	20.14	20.20	20.5	0
20	64QAM		49	19.71	19.49	20.19		
20	64QAM		99	19.91	20.06	20.25		
20	64QAM	50	0	19.95	20.16	20.10	20.5	0
20	64QAM	50	24	19.99	20.05	20.06		
20	64QAM	50	50	19.96	20.02	20.14		
20	64QAM	100	0	19.93	20.00	19.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	19.87	20.25	19.95	20.5	0
15	QPSK		37	19.89	19.88	19.97		
15	QPSK		74	19.76	19.91	19.78		
15	QPSK	36	0	19.91	20.10	20.07	20.5	0
15	QPSK	36	20	19.81	20.00	19.89		
15	QPSK	36	39	19.76	20.03	19.99		
15	QPSK	75	0	19.80	19.91	19.79		
15	16QAM		0	19.92	19.55	19.75	20.5	0
15	16QAM		37	19.86	20.07	19.29		
15	16QAM		74	20.03	19.51	20.12		
15	16QAM	36	0	19.87	20.08	19.97	20.5	0
15	16QAM	36	20	19.91	19.85	20.01		
15	16QAM	36	39	19.84	20.06	19.99		
15	16QAM	75	0	19.76	20.03	19.98		
15	64QAM		0	19.75	19.99	20.09	20.5	0
15	64QAM		37	19.61	19.36	20.14		
15	64QAM		74	19.82	19.98	20.09		
15	64QAM	36	0	19.80	20.07	20.03	20.5	0
15	64QAM	36	20	19.93	19.91	19.97		
15	64QAM	36	39	19.81	19.94	20.01		
15	64QAM	75	0	19.87	19.92	19.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	19.93	20.23	19.99	20.5	0
10	QPSK		25	19.88	19.94	19.88		
10	QPSK		49	19.66	19.80	19.76		
10	QPSK	25	0	19.87	20.13	20.10	20.5	0
10	QPSK	25	12	19.86	19.98	19.91		
10	QPSK	25	25	19.78	19.99	20.01		
10	QPSK	50	0	19.82	19.82	19.79		
10	16QAM		0	19.82	19.50	19.80	20.5	0
10	16QAM		25	19.77	20.07	19.32		
10	16QAM		49	19.95	19.57	20.15		
10	16QAM	25	0	19.86	20.01	19.98	20.5	0
10	16QAM	25	12	19.92	19.88	20.01		
10	16QAM	25	25	19.81	19.99	20.07		
10	16QAM	50	0	19.80	20.07	20.00		
10	64QAM		0	19.84	20.09	20.13	20.5	0
10	64QAM		25	19.65	19.33	20.05		
10	64QAM		49	19.82	19.98	20.09		
10	64QAM	25	0	19.86	20.02	20.00	20.5	0
10	64QAM	25	12	19.84	19.94	19.96		
10	64QAM	25	25	19.89	19.87	20.06		
10	64QAM	50	0	19.86	19.95	19.90		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	19.84	20.21	19.95	20.5	0
5	QPSK		12	19.85	19.96	19.88		
5	QPSK		24	19.75	19.85	19.79		
5	QPSK	12	0	19.89	20.21	20.07	20.5	0
5	QPSK	12	7	19.89	20.00	19.88		
5	QPSK	12	13	19.83	19.97	19.93		
5	QPSK	25	0	19.75	19.88	19.86		
5	16QAM		0	19.84	19.56	19.78	20.5	0
5	16QAM		12	19.78	20.00	19.33		
5	16QAM		24	20.01	19.54	20.08		
5	16QAM	12	0	19.86	19.99	20.00	20.5	0
5	16QAM	12	7	19.85	19.87	20.02		
5	16QAM	12	13	19.88	20.05	20.03		
5	16QAM	25	0	19.78	20.00	20.04		
5	64QAM		0	19.82	20.06	20.05	20.5	0
5	64QAM		12	19.56	19.37	20.06		
5	64QAM		24	19.85	19.98	20.20		
5	64QAM	12	0	19.90	20.07	19.94	20.5	0
5	64QAM	12	7	19.88	19.96	19.94		
5	64QAM	12	13	19.87	19.87	20.04		
5	64QAM	25	0	19.81	19.86	19.81		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	20.74	20.86	20.67	21.8	0
20	QPSK		49	20.45	20.44	20.59		
20	QPSK		99	20.69	20.42	20.46		
20	QPSK	50	0	20.61	20.68	20.63		
20	QPSK	50	24	20.54	20.57	20.57	21.8	0
20	QPSK	50	50	20.58	20.67	20.55		
20	QPSK	100	0	20.73	20.77	20.55		
20	16QAM		0	20.83	20.72	20.72	21.8	0
20	16QAM		49	20.76	20.85	20.74		
20	16QAM		99	20.67	20.68	20.63		
20	16QAM	50	0	20.58	20.63	20.58	21.8	0
20	16QAM	50	24	20.59	20.62	20.59		
20	16QAM	50	50	20.67	20.54	20.64		
20	16QAM	100	0	20.67	20.50	20.53		
20	64QAM		0	20.74	20.75	20.81	21.8	0
20	64QAM		49	20.81	20.76	20.71		
20	64QAM		99	20.54	20.36	20.79		
20	64QAM	50	0	20.70	20.60	20.63	21.8	0
20	64QAM	50	24	20.64	20.64	20.64		
20	64QAM	50	50	20.69	20.60	20.69		
20	64QAM	100	0	20.71	20.56	20.55		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	20.60	20.79	20.54	21.8	0
15	QPSK		37	20.39	20.38	20.53		
15	QPSK		74	20.64	20.32	20.32		
15	QPSK	36	0	20.49	20.55	20.54	21.8	0
15	QPSK	36	20	20.38	20.52	20.46		
15	QPSK	36	39	20.53	20.55	20.41		
15	QPSK	75	0	20.60	20.63	20.39		
15	16QAM		0	20.74	20.61	20.61	21.8	0
15	16QAM		37	20.65	20.77	20.65		
15	16QAM		74	20.54	20.54	20.48		
15	16QAM	36	0	20.45	20.53	20.51	21.8	0
15	16QAM	36	20	20.46	20.55	20.44		
15	16QAM	36	39	20.61	20.45	20.55		
15	16QAM	75	0	20.58	20.38	20.47		
15	64QAM		0	20.69	20.69	20.70	21.8	0
15	64QAM		37	20.71	20.67	20.59		
15	64QAM		74	20.49	20.21	20.72		
15	64QAM	36	0	20.64	20.50	20.50	21.8	0
15	64QAM	36	20	20.54	20.53	20.56		
15	64QAM	36	39	20.61	20.46	20.64		
15	64QAM	75	0	20.55	20.43	20.41		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	20.67	20.79	20.57	21.8	0
10	QPSK		25	20.39	20.36	20.46		
10	QPSK		49	20.58	20.36	20.39		
10	QPSK	25	0	20.46	20.55	20.56	21.8	0
10	QPSK	25	12	20.41	20.51	20.43		
10	QPSK	25	25	20.50	20.58	20.43		
10	QPSK	50	0	20.64	20.68	20.44		
10	16QAM		0	20.67	20.66	20.59	21.8	0
10	16QAM		25	20.66	20.69	20.62		
10	16QAM		49	20.52	20.57	20.55		
10	16QAM	25	0	20.46	20.52	20.51	21.8	0
10	16QAM	25	12	20.44	20.49	20.52		
10	16QAM	25	25	20.53	20.42	20.56		
10	16QAM	50	0	20.56	20.43	20.43		
10	64QAM		0	20.60	20.59	20.74	21.8	0
10	64QAM		25	20.65	20.66	20.55		
10	64QAM		49	20.43	20.24	20.67		
10	64QAM	25	0	20.59	20.49	20.50	21.8	0
10	64QAM	25	12	20.48	20.52	20.53		
10	64QAM	25	25	20.55	20.48	20.63		
10	64QAM	50	0	20.56	20.48	20.48		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	20.61	20.76	20.56	21.8	0
5	QPSK		12	20.36	20.36	20.47		
5	QPSK		24	20.57	20.27	20.34		
5	QPSK	12	0	20.55	20.58	20.50	21.8	0
5	QPSK	12	7	20.39	20.43	20.41		
5	QPSK	12	13	20.50	20.52	20.50		
5	QPSK	25	0	20.58	20.68	20.41		
5	16QAM		0	20.74	20.57	20.65	21.8	0
5	16QAM		12	20.69	20.73	20.62		
5	16QAM		24	20.52	20.52	20.53		
5	16QAM	12	0	20.50	20.51	20.43	21.8	0
5	16QAM	12	7	20.54	20.48	20.51		
5	16QAM	12	13	20.57	20.43	20.49		
5	16QAM	25	0	20.52	20.42	20.41		
5	64QAM		0	20.68	20.65	20.70	21.8	0
5	64QAM		12	20.74	20.69	20.61		
5	64QAM		24	20.44	20.20	20.67		
5	64QAM	12	0	20.60	20.49	20.57	21.8	0
5	64QAM	12	7	20.55	20.57	20.58		
5	64QAM	12	13	20.61	20.55	20.61		
5	64QAM	25	0	20.58	20.49	20.39		

Reduced Power for DSI 8

GSM850_Ant 11	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.66	28.67	28.64	**30.50**	19.66	19.67	19.64	21.50
GPRS 1 Tx slot	28.61	28.59	28.54	**30.50**	19.61	19.59	19.54	21.50
GPRS 2 Tx slots	27.03	27.04	27.02	**29.00**	21.03	21.04	21.02	23.00
GPRS 3 Tx slots	25.35	25.42	25.36	**27.00**	21.09	21.16	21.10	22.74
GPRS 4 Tx slots	24.61	23.96	23.91	**25.70**	21.61	20.96	20.91	22.70
EDGE 1 Tx slot	25.61	25.97	25.88	**27.50**	16.61	16.97	16.88	18.50
EDGE 2 Tx slots	24.64	24.94	24.76	**26.50**	18.64	18.94	18.76	20.50
EDGE 3 Tx slots	23.53	23.81	23.61	**25.50**	19.27	19.55	19.35	21.24
EDGE 4 Tx slots	22.63	22.80	22.65	**24.50**	19.63	19.80	19.65	21.50

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.96	22.54	22.82	**24.50**	13.96	13.54	13.82	15.50
GPRS 1 Tx slot	22.71	22.53	22.57	**24.50**	13.71	13.53	13.57	15.50
GPRS 2 Tx slots	20.56	20.38	20.47	**22.00**	14.56	14.38	14.47	16.00
GPRS 3 Tx slots	19.43	19.41	19.61	**21.00**	15.17	15.15	15.35	16.74
GPRS 4 Tx slots	18.21	17.93	18.17	**19.50**	15.21	14.93	15.17	16.50
EDGE 1 Tx slot	22.72	22.47	22.78	**24.00**	13.72	13.47	13.78	15.00
EDGE 2 Tx slots	20.61	20.71	20.58	**22.50**	14.61	14.71	14.58	16.50
EDGE 3 Tx slots	19.61	19.81	19.54	**21.00**	15.35	15.55	15.28	16.74
EDGE 4 Tx slots	18.34	18.45	18.26	**20.00**	15.34	15.45	15.26	17.00

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.24	26.59	26.25	**28.00**	17.24	17.59	17.25	19.00
GPRS 1 Tx slot	26.23	26.58	26.24	**28.00**	17.23	17.58	17.24	19.00
GPRS 2 Tx slots	24.15	24.24	24.34	**26.00**	18.15	18.24	18.34	20.00
GPRS 3 Tx slots	23.02	23.09	23.32	**25.00**	18.76	18.83	19.06	20.74
GPRS 4 Tx slots	22.13	22.12	21.91	**23.50**	19.13	19.12	18.91	20.50
EDGE 1 Tx slot	24.89	24.83	25.03	**26.50**	15.89	15.83	16.03	17.50
EDGE 2 Tx slots	23.61	23.76	23.62	**25.50**	17.61	17.76	17.62	19.50
EDGE 3 Tx slots	22.51	22.52	22.53	**24.50**	18.25	18.26	18.27	20.24
EDGE 4 Tx slots	21.67	21.71	21.65	**23.50**	18.67	18.71	18.65	20.50

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	14.51	14.58	14.55	**16.50**	18.23	18.37	18.24	**19.80**
3GPP Rel 99	RMC 12.2Kbps	14.53	14.62	14.56	**16.50**	18.26	18.39	18.31	**19.80**
3GPP Rel 6	HSDPA Subtest-1	13.62	13.75	13.67	**15.50**	17.37	17.49	17.50	**18.80**
3GPP Rel 6	HSDPA Subtest-2	13.64	13.75	13.65	**15.50**	17.37	17.46	17.45	**18.80**
3GPP Rel 6	HSDPA Subtest-3	13.17	13.26	13.18	**15.00**	17.01	16.99	16.99	**18.30**
3GPP Rel 6	HSDPA Subtest-4	13.20	13.25	13.13	**15.00**	17.00	17.04	17.02	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-1	13.75	13.83	13.78	**15.50**	17.59	17.57	17.56	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-2	13.78	13.86	13.83	**15.50**	17.57	17.66	17.61	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-3	13.28	13.40	13.19	**15.00**	17.07	17.14	17.04	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-4	13.27	13.44	13.18	**15.00**	16.99	17.12	17.18	**18.30**
3GPP Rel 6	HSUPA Subtest-1	13.78	13.79	13.71	**15.50**	17.47	17.55	17.48	**18.80**
3GPP Rel 6	HSUPA Subtest-2	11.61	11.85	11.71	**13.50**	15.44	15.52	15.56	**16.80**
3GPP Rel 6	HSUPA Subtest-3	12.87	12.87	12.73	**14.50**	16.41	16.37	16.49	**17.80**
3GPP Rel 6	HSUPA Subtest-4	11.57	11.70	11.63	**13.50**	15.39	15.52	15.53	**16.80**
3GPP Rel 6	HSUPA Subtest-5	13.67	13.85	13.73	**15.50**	17.43	17.50	17.56	**18.80**

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.69	14.91	14.78	**16.50**	18.42	18.54	18.46	**20.00**
3GPP Rel 99	RMC 12.2Kbps	14.71	14.92	14.87	**16.50**	18.43	18.65	18.52	**20.00**
3GPP Rel 6	HSDPA Subtest-1	13.78	13.95	13.94	**15.50**	17.49	17.74	17.68	**19.00**
3GPP Rel 6	HSDPA Subtest-2	13.86	13.96	13.97	**15.50**	17.58	17.60	17.69	**19.00**
3GPP Rel 6	HSDPA Subtest-3	13.25	13.49	13.48	**15.00**	17.09	17.18	17.23	**18.50**
3GPP Rel 6	HSDPA Subtest-4	13.31	13.43	13.51	**15.00**	17.12	17.19	17.19	**18.50**
3GPP Rel 8	DC-HSDPA Subtest-1	13.87	14.12	14.11	**15.50**	17.64	17.79	17.80	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-2	13.93	14.10	14.10	**15.50**	17.69	17.80	17.78	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-3	13.46	13.54	13.62	**15.00**	17.26	17.30	17.21	**18.50**
3GPP Rel 8	DC-HSDPA Subtest-4	13.39	13.46	13.60	**15.00**	17.15	17.26	17.26	**18.50**
3GPP Rel 6	HSUPA Subtest-1	13.84	14.01	13.76	**15.50**	17.53	17.68	17.70	**19.00**
3GPP Rel 6	HSUPA Subtest-2	11.84	11.94	11.95	**13.50**	15.60	15.62	15.75	**17.00**
3GPP Rel 6	HSUPA Subtest-3	12.74	12.65	12.87	**14.50**	16.54	16.67	16.68	**18.00**
3GPP Rel 6	HSUPA Subtest-4	11.83	11.97	11.92	**13.50**	15.62	15.73	15.59	**17.00**
3GPP Rel 6	HSUPA Subtest-5	13.91	14.15	14.00	**15.50**	17.65	17.75	17.65	**19.00**

Band		WCDMA V_Ant 11			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.22	21.31	21.22	**23.00**	21.79	21.93	21.92	**23.50**
3GPP Rel 99	RMC 12.2Kbps	21.23	21.38	21.29	**23.00**	21.86	21.99	21.98	**23.50**
3GPP Rel 6	HSDPA Subtest-1	20.39	20.37	20.26	**22.00**	21.05	21.10	21.08	**22.50**
3GPP Rel 6	HSDPA Subtest-2	20.26	20.28	20.27	**22.00**	21.04	21.13	21.05	**22.50**
3GPP Rel 6	HSDPA Subtest-3	19.86	19.86	19.77	**21.50**	20.46	20.56	20.54	**22.00**
3GPP Rel 6	HSDPA Subtest-4	19.60	19.92	19.84	**21.50**	20.47	20.53	20.54	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	20.71	20.93	20.70	**22.00**	21.13	21.15	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	20.86	20.89	20.81	**22.00**	21.07	21.14	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	20.28	20.33	20.25	**21.50**	20.63	20.78	20.67	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	20.38	20.36	20.29	**21.50**	20.53	20.66	20.67	**22.00**
3GPP Rel 6	HSUPA Subtest-1	20.42	20.45	20.40	**22.00**	20.99	21.04	20.90	**22.50**
3GPP Rel 6	HSUPA Subtest-2	18.38	18.53	18.26	**20.00**	18.95	18.94	18.89	**20.50**
3GPP Rel 6	HSUPA Subtest-3	19.33	19.41	19.31	**21.00**	19.97	19.92	19.88	**21.50**
3GPP Rel 6	HSUPA Subtest-4	18.29	18.40	18.28	**20.00**	18.97	19.05	18.86	**20.50**
3GPP Rel 6	HSUPA Subtest-5	20.40	20.36	20.21	**22.00**	20.91	20.96	20.90	**22.50**

Band	CDMA BC0_Ant 11			Tune-up Limit (dBm)	CDMA BC0_Ant 41			Tune-up Limit (dBm)
TX Channel	1013	384	777		1013	384	777	
Frequency (MHz)	824.7	836.52	848.31		824.7	836.52	848.31	
RC1 SO55	21.07	21.01	21.01	**22.50**	21.71	21.70	21.74	**23.00**
RC3 SO55	21.05	21.01	20.97	**22.50**	21.92	21.89	21.82	**23.00**
RC3 SO32 (F+SCH)	20.97	21.12	21.04	**22.50**	21.78	21.87	21.75	**23.00**
RC3 SO32 (+SCH)	21.00	21.02	20.92	**22.50**	21.81	21.86	21.79	**23.00**

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.66	14.98	14.76	16	0
20	QPSK	1	49	14.64	14.72	14.74		
20	QPSK	1	99	14.48	14.64	14.65		
20	QPSK	50	0	14.75	14.87	14.85	16	0
20	QPSK	50	24	14.74	14.81	14.83		
20	QPSK	50	50	14.70	14.74	14.79		
20	QPSK	100	0	14.75	14.93	14.91		
20	16QAM	1	0	14.63	14.68	14.67	16	0
20	16QAM	1	49	14.92	14.81	14.73		
20	16QAM	1	99	14.68	14.93	14.76		
20	16QAM	50	0	14.61	14.50	14.49	16	0
20	16QAM	50	24	14.58	14.55	14.69		
20	16QAM	50	50	14.57	14.62	14.66		
20	16QAM	100	0	14.52	14.52	14.66		
20	64QAM	1	0	14.68	14.67	14.55	16	0
20	64QAM	1	49	14.55	14.26	14.88		
20	64QAM	1	99	14.77	14.70	14.58		
20	64QAM	50	0	14.59	14.47	14.60	16	0
20	64QAM	50	24	14.54	14.63	14.71		
20	64QAM	50	50	14.54	14.64	14.57		
20	64QAM	100	0	14.52	14.58	14.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.56	14.83	14.66	16	0
15	QPSK	1	37	14.56	14.56	14.65		
15	QPSK	1	74	14.36	14.59	14.55		
15	QPSK	36	0	14.67	14.79	14.74	16	0
15	QPSK	36	20	14.65	14.74	14.69		
15	QPSK	36	39	14.61	14.60	14.63		
15	QPSK	75	0	14.70	14.84	14.81		
15	16QAM	1	0	14.55	14.58	14.59	16	0
15	16QAM	1	37	14.78	14.74	14.60		
15	16QAM	1	74	14.59	14.78	14.65		
15	16QAM	36	0	14.52	14.38	14.37	16	0
15	16QAM	36	20	14.49	14.46	14.64		
15	16QAM	36	39	14.47	14.46	14.50		
15	16QAM	75	0	14.42	14.45	14.59		
15	64QAM	1	0	14.56	14.55	14.45	16	0
15	64QAM	1	37	14.48	14.17	14.80		
15	64QAM	1	74	14.62	14.58	14.49		
15	64QAM	36	0	14.46	14.33	14.46	16	0
15	64QAM	36	20	14.44	14.52	14.55		
15	64QAM	36	39	14.46	14.59	14.46		
15	64QAM	75	0	14.38	14.52	14.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.58	14.89	14.65	16	0
10	QPSK	1	25	14.59	14.56	14.63		
10	QPSK	1	49	14.35	14.57	14.55		
10	QPSK	25	0	14.66	14.71	14.73	16	0
10	QPSK	25	12	14.62	14.67	14.74		
10	QPSK	25	25	14.61	14.65	14.68		
10	QPSK	50	0	14.63	14.78	14.82		
10	16QAM	1	0	14.58	14.55	14.62	16	0
10	16QAM	1	25	14.76	14.71	14.58		
10	16QAM	1	49	14.52	14.82	14.65		
10	16QAM	25	0	14.55	14.42	14.44	16	0
10	16QAM	25	12	14.48	14.49	14.54		
10	16QAM	25	25	14.43	14.48	14.61		
10	16QAM	50	0	14.42	14.42	14.55		
10	64QAM	1	0	14.57	14.55	14.50	16	0
10	64QAM	1	25	14.50	14.18	14.82		
10	64QAM	1	49	14.65	14.59	14.53		
10	64QAM	25	0	14.54	14.38	14.45	16	0
10	64QAM	25	12	14.42	14.47	14.56		
10	64QAM	25	25	14.49	14.52	14.52		
10	64QAM	50	0	14.44	14.47	14.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.53	14.85	14.68	16	0
5	QPSK	1	12	14.59	14.66	14.58		
5	QPSK	1	24	14.36	14.59	14.49		
5	QPSK	12	0	14.70	14.75	14.71	16	0
5	QPSK	12	7	14.69	14.65	14.70		
5	QPSK	12	13	14.58	14.69	14.68		
5	QPSK	25	0	14.59	14.80	14.80		
5	16QAM	1	0	14.49	14.63	14.60	16	0
5	16QAM	1	12	14.84	14.75	14.64		
5	16QAM	1	24	14.61	14.83	14.63		
5	16QAM	12	0	14.48	14.42	14.42	16	0
5	16QAM	12	7	14.48	14.39	14.58		
5	16QAM	12	13	14.44	14.56	14.59		
5	16QAM	25	0	14.47	14.40	14.61		
5	64QAM	1	0	14.61	14.54	14.40	16	0
5	64QAM	1	12	14.40	14.13	14.82		
5	64QAM	1	24	14.70	14.56	14.45		
5	64QAM	12	0	14.51	14.37	14.53	16	0
5	64QAM	12	7	14.38	14.49	14.57		
5	64QAM	12	13	14.42	14.52	14.49		
5	64QAM	25	0	14.37	14.51	14.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.60	14.86	14.60	16	0
3	QPSK	1	8	14.56	14.66	14.66		
3	QPSK	1	14	14.35	14.57	14.52		
3	QPSK	8	0	14.69	14.72	14.80	16	0
3	QPSK	8	4	14.67	14.70	14.74		
3	QPSK	8	7	14.62	14.61	14.66		
3	QPSK	15	0	14.70	14.84	14.78		
3	16QAM	1	0	14.53	14.57	14.51	16	0
3	16QAM	1	8	14.84	14.66	14.59		
3	16QAM	1	14	14.56	14.78	14.68		
3	16QAM	8	0	14.54	14.38	14.40	16	0
3	16QAM	8	4	14.42	14.40	14.58		
3	16QAM	8	7	14.49	14.56	14.60		
3	16QAM	15	0	14.38	14.37	14.54		
3	64QAM	1	0	14.55	14.59	14.50	16	0
3	64QAM	1	8	14.41	14.17	14.80		
3	64QAM	1	14	14.71	14.61	14.51		
3	64QAM	8	0	14.49	14.32	14.44	16	0
3	64QAM	8	4	14.43	14.47	14.58		
3	64QAM	8	7	14.44	14.51	14.42		
3	64QAM	15	0	14.41	14.50	14.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.57	14.82	14.69	16	0
1.4	QPSK	1	3	14.49	14.65	14.64		
1.4	QPSK	1	5	14.40	14.52	14.54		
1.4	QPSK	3	0	14.60	14.74	14.70		
1.4	QPSK	3	1	14.67	14.75	14.69		
1.4	QPSK	3	3	14.54	14.61	14.69		
1.4	QPSK	6	0	14.65	14.82	14.80	16	0
1.4	16QAM	1	0	14.55	14.63	14.62	16	0
1.4	16QAM	1	3	14.85	14.74	14.57		
1.4	16QAM	1	5	14.57	14.84	14.70		
1.4	16QAM	3	0	14.54	14.34	14.41		
1.4	16QAM	3	1	14.47	14.50	14.53		
1.4	16QAM	3	3	14.49	14.46	14.57		
1.4	16QAM	6	0	14.39	14.37	14.59	16	0
1.4	64QAM	1	0	14.60	14.54	14.50	16	0
1.4	64QAM	1	3	14.44	14.11	14.82		
1.4	64QAM	1	5	14.71	14.58	14.52		
1.4	64QAM	3	0	14.44	14.40	14.47		
1.4	64QAM	3	1	14.38	14.51	14.65		
1.4	64QAM	3	3	14.41	14.52	14.51		
1.4	64QAM	6	0	14.41	14.48	14.46	16	0

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.46	18.66	18.49	19.5	0
20	QPSK	1	49	18.40	18.25	18.47		
20	QPSK	1	99	18.39	18.65	18.43		
20	QPSK	50	0	18.47	18.62	18.56	19.5	0
20	QPSK	50	24	18.46	18.47	18.50		
20	QPSK	50	50	18.39	18.46	18.49		
20	QPSK	100	0	18.45	18.63	18.54		
20	16QAM	1	0	18.30	18.45	18.46	19.5	0
20	16QAM	1	49	18.62	18.49	18.41		
20	16QAM	1	99	18.23	18.07	18.53		
20	16QAM	50	0	17.99	17.89	18.05	19.5	0
20	16QAM	50	24	17.95	17.97	18.13		
20	16QAM	50	50	17.95	18.00	18.03		
20	16QAM	100	0	17.92	17.96	18.16		
20	64QAM	1	0	17.95	18.00	18.10	19.5	0
20	64QAM	1	49	18.40	18.50	18.47		
20	64QAM	1	99	18.26	18.06	18.22		
20	64QAM	50	0	18.00	17.99	18.11	19.5	0
20	64QAM	50	24	17.98	18.06	18.11		
20	64QAM	50	50	17.92	17.98	18.07		
20	64QAM	100	0	17.96	18.03	18.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.39	18.53	18.41	19.5	0
15	QPSK	1	37	18.33	18.16	18.40		
15	QPSK	1	74	18.28	18.58	18.30		
15	QPSK	36	0	18.36	18.57	18.47	19.5	0
15	QPSK	36	20	18.35	18.38	18.34		
15	QPSK	36	39	18.31	18.33	18.34		
15	QPSK	75	0	18.38	18.56	18.41		
15	16QAM	1	0	18.22	18.39	18.31	19.5	0
15	16QAM	1	37	18.57	18.36	18.29		
15	16QAM	1	74	18.12	17.99	18.40		
15	16QAM	36	0	17.87	17.73	17.92	19.5	0
15	16QAM	36	20	17.87	17.85	17.98		
15	16QAM	36	39	17.88	17.93	17.98		
15	16QAM	75	0	17.83	17.85	18.04		
15	64QAM	1	0	17.88	17.84	18.05	19.5	0
15	64QAM	1	37	18.35	18.42	18.42		
15	64QAM	1	74	18.16	17.92	18.06		
15	64QAM	36	0	17.84	17.92	17.99	19.5	0
15	64QAM	36	20	17.93	17.97	18.04		
15	64QAM	36	39	17.84	17.82	18.02		
15	64QAM	75	0	17.90	17.96	18.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.37	18.51	18.41	19.5	0
10	QPSK	1	25	18.35	18.15	18.40		
10	QPSK	1	49	18.34	18.60	18.32		
10	QPSK	25	0	18.37	18.53	18.51	19.5	0
10	QPSK	25	12	18.30	18.34	18.45		
10	QPSK	25	25	18.28	18.32	18.37		
10	QPSK	50	0	18.40	18.48	18.39		
10	16QAM	1	0	18.25	18.37	18.36	19.5	0
10	16QAM	1	25	18.47	18.42	18.34		
10	16QAM	1	49	18.08	17.98	18.39		
10	16QAM	25	0	17.86	17.83	17.94	19.5	0
10	16QAM	25	12	17.79	17.91	18.01		
10	16QAM	25	25	17.85	17.85	17.94		
10	16QAM	50	0	17.84	17.84	18.03		
10	64QAM	1	0	17.88	17.95	18.02	19.5	0
10	64QAM	1	25	18.26	18.40	18.33		
10	64QAM	1	49	18.18	17.90	18.09		
10	64QAM	25	0	17.89	17.93	17.96	19.5	0
10	64QAM	25	12	17.87	17.91	18.03		
10	64QAM	25	25	17.85	17.88	18.02		
10	64QAM	50	0	17.80	17.98	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.31	18.53	18.43	19.5	0
5	QPSK	1	12	18.27	18.20	18.36		
5	QPSK	1	24	18.26	18.54	18.38		
5	QPSK	12	0	18.36	18.47	18.47	19.5	0
5	QPSK	12	7	18.34	18.41	18.39		
5	QPSK	12	13	18.28	18.38	18.38		
5	QPSK	25	0	18.38	18.51	18.41		
5	16QAM	1	0	18.25	18.36	18.31	19.5	0
5	16QAM	1	12	18.52	18.37	18.32		
5	16QAM	1	24	18.15	17.92	18.39		
5	16QAM	12	0	17.88	17.77	17.95	19.5	0
5	16QAM	12	7	17.90	17.87	18.03		
5	16QAM	12	13	17.85	17.91	17.96		
5	16QAM	25	0	17.81	17.81	18.08		
5	64QAM	1	0	17.79	17.91	17.99	19.5	0
5	64QAM	1	12	18.33	18.38	18.42		
5	64QAM	1	24	18.21	17.90	18.14		
5	64QAM	12	0	17.84	17.90	17.96	19.5	0
5	64QAM	12	7	17.90	17.98	17.98		
5	64QAM	12	13	17.79	17.92	17.97		
5	64QAM	25	0	17.88	17.87	18.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.38	18.61	18.44	19.5	0
3	QPSK	1	8	18.28	18.09	18.34		
3	QPSK	1	14	18.27	18.58	18.34		
3	QPSK	8	0	18.34	18.50	18.48	19.5	0
3	QPSK	8	4	18.34	18.36	18.43		
3	QPSK	8	7	18.34	18.34	18.34		
3	QPSK	15	0	18.35	18.49	18.46		
3	16QAM	1	0	18.20	18.33	18.33	19.5	0
3	16QAM	1	8	18.51	18.33	18.31		
3	16QAM	1	14	18.12	17.95	18.42		
3	16QAM	8	0	17.85	17.80	17.91	19.5	0
3	16QAM	8	4	17.80	17.81	17.99		
3	16QAM	8	7	17.87	17.89	17.89		
3	16QAM	15	0	17.81	17.91	18.10		
3	64QAM	1	0	17.85	17.93	18.04	19.5	0
3	64QAM	1	8	18.35	18.35	18.36		
3	64QAM	1	14	18.14	17.96	18.09		
3	64QAM	8	0	17.88	17.84	17.96	19.5	0
3	64QAM	8	4	17.84	17.90	18.03		
3	64QAM	8	7	17.85	17.88	18.00		
3	64QAM	15	0	17.87	17.91	18.14		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.31	18.52	18.33	19.5	0
1.4	QPSK	1	3	18.28	18.09	18.33		
1.4	QPSK	1	5	18.33	18.51	18.36		
1.4	QPSK	3	0	18.37	18.52	18.42		
1.4	QPSK	3	1	18.34	18.42	18.43		
1.4	QPSK	3	3	18.33	18.40	18.34		
1.4	QPSK	6	0	18.30	18.51	18.41	19.5	0
1.4	16QAM	1	0	18.18	18.30	18.31	19.5	0
1.4	16QAM	1	3	18.53	18.36	18.33		
1.4	16QAM	1	5	18.13	18.00	18.40		
1.4	16QAM	3	0	17.91	17.73	17.99		
1.4	16QAM	3	1	17.79	17.81	18.04		
1.4	16QAM	3	3	17.81	17.91	17.93		
1.4	16QAM	6	0	17.85	17.90	18.10	19.5	0
1.4	64QAM	1	0	17.82	17.93	17.97	19.5	0
1.4	64QAM	1	3	18.25	18.42	18.35		
1.4	64QAM	1	5	18.15	18.01	18.14		
1.4	64QAM	3	0	17.84	17.85	18.05		
1.4	64QAM	3	1	17.90	17.93	18.06		
1.4	64QAM	3	3	17.77	17.84	17.93		
1.4	64QAM	6	0	17.87	17.91	18.12	19.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.52	15.59	15.49	16.5	0
20	QPSK	1	49	15.43	15.51	15.36		
20	QPSK	1	99	15.23	15.37	15.44		
20	QPSK	50	0	15.46	15.58	15.46	16.5	0
20	QPSK	50	24	15.45	15.43	15.42		
20	QPSK	50	50	15.42	15.41	15.43		
20	QPSK	100	0	15.42	15.53	15.49		
20	16QAM	1	0	15.45	15.47	15.34	16.5	0
20	16QAM	1	49	15.38	15.25	15.41		
20	16QAM	1	99	15.33	15.29	15.19		
20	16QAM	50	0	14.97	15.06	15.06	16.5	0
20	16QAM	50	24	15.08	14.92	14.98		
20	16QAM	50	50	14.97	15.01	14.97		
20	16QAM	100	0	15.07	14.91	15.07		
20	64QAM	1	0	15.54	15.01	15.13	16.5	0
20	64QAM	1	49	15.03	15.13	15.21		
20	64QAM	1	99	14.78	15.08	14.94		
20	64QAM	50	0	14.98	14.86	15.03	16.5	0
20	64QAM	50	24	15.03	14.97	15.02		
20	64QAM	50	50	15.00	14.93	14.86		
20	64QAM	100	0	14.94	14.96	15.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.41	15.47	15.35	16.5	0
15	QPSK	1	37	15.27	15.35	15.28		
15	QPSK	1	74	15.12	15.28	15.32		
15	QPSK	36	0	15.32	15.53	15.38	16.5	0
15	QPSK	36	20	15.36	15.32	15.36		
15	QPSK	36	39	15.30	15.34	15.35		
15	QPSK	75	0	15.32	15.46	15.36		
15	16QAM	1	0	15.31	15.32	15.21	16.5	0
15	16QAM	1	37	15.22	15.14	15.28		
15	16QAM	1	74	15.26	15.18	15.04		
15	16QAM	36	0	14.86	14.96	14.91	16.5	0
15	16QAM	36	20	14.93	14.79	14.92		
15	16QAM	36	39	14.91	14.93	14.92		
15	16QAM	75	0	15.00	14.80	15.00		
15	64QAM	1	0	15.42	14.93	14.98	16.5	0
15	64QAM	1	37	14.92	15.04	15.07		
15	64QAM	1	74	14.71	15.01	14.82		
15	64QAM	36	0	14.91	14.79	14.97	16.5	0
15	64QAM	36	20	14.92	14.92	14.89		
15	64QAM	36	39	14.95	14.84	14.76		
15	64QAM	75	0	14.85	14.88	14.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.38	15.44	15.37	16.5	0
10	QPSK	1	25	15.37	15.41	15.25		
10	QPSK	1	49	15.17	15.28	15.37		
10	QPSK	25	0	15.31	15.45	15.38	16.5	0
10	QPSK	25	12	15.37	15.34	15.37		
10	QPSK	25	25	15.32	15.36	15.29		
10	QPSK	50	0	15.34	15.46	15.44		
10	16QAM	1	0	15.36	15.41	15.22	16.5	0
10	16QAM	1	25	15.30	15.14	15.27		
10	16QAM	1	49	15.23	15.17	15.14		
10	16QAM	25	0	14.87	15.01	14.94	16.5	0
10	16QAM	25	12	15.01	14.84	14.85		
10	16QAM	25	25	14.84	14.94	14.88		
10	16QAM	50	0	14.93	14.80	14.92		
10	64QAM	1	0	15.38	14.92	15.02	16.5	0
10	64QAM	1	25	14.94	15.02	15.15		
10	64QAM	1	49	14.73	14.99	14.81		
10	64QAM	25	0	14.84	14.77	14.89	16.5	0
10	64QAM	25	12	14.88	14.91	14.93		
10	64QAM	25	25	14.95	14.88	14.80		
10	64QAM	50	0	14.79	14.80	14.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.38	15.46	15.38	16.5	0
5	QPSK	1	12	15.29	15.37	15.21		
5	QPSK	1	24	15.10	15.21	15.29		
5	QPSK	12	0	15.30	15.52	15.33	16.5	0
5	QPSK	12	7	15.33	15.30	15.37		
5	QPSK	12	13	15.37	15.34	15.36		
5	QPSK	25	0	15.27	15.46	15.40		
5	16QAM	1	0	15.35	15.31	15.24	16.5	0
5	16QAM	1	12	15.28	15.17	15.30		
5	16QAM	1	24	15.25	15.24	15.12		
5	16QAM	12	0	14.81	15.00	15.01	16.5	0
5	16QAM	12	7	14.93	14.80	14.92		
5	16QAM	12	13	14.92	14.89	14.89		
5	16QAM	25	0	15.02	14.77	14.91		
5	64QAM	1	0	15.41	14.94	15.01	16.5	0
5	64QAM	1	12	14.89	14.98	15.16		
5	64QAM	1	24	14.66	15.03	14.78		
5	64QAM	12	0	14.93	14.70	14.96	16.5	0
5	64QAM	12	7	14.95	14.92	14.90		
5	64QAM	12	13	14.90	14.88	14.77		
5	64QAM	25	0	14.87	14.88	14.94		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.40	15.49	15.33	16.5	0
3	QPSK	1	8	15.28	15.39	15.30		
3	QPSK	1	14	15.12	15.27	15.30		
3	QPSK	8	0	15.39	15.53	15.38	16.5	0
3	QPSK	8	4	15.29	15.37	15.31		
3	QPSK	8	7	15.37	15.34	15.32		
3	QPSK	15	0	15.32	15.39	15.42		
3	16QAM	1	0	15.34	15.36	15.25	16.5	0
3	16QAM	1	8	15.24	15.12	15.32		
3	16QAM	1	14	15.20	15.17	15.05		
3	16QAM	8	0	14.86	14.90	14.99	16.5	0
3	16QAM	8	4	15.00	14.87	14.85		
3	16QAM	8	7	14.87	14.87	14.81		
3	16QAM	15	0	15.00	14.86	14.94		
3	64QAM	1	0	15.44	14.87	15.02	16.5	0
3	64QAM	1	8	14.89	15.06	15.14		
3	64QAM	1	14	14.62	14.92	14.89		
3	64QAM	8	0	14.87	14.71	14.96	16.5	0
3	64QAM	8	4	14.88	14.91	14.97		
3	64QAM	8	7	14.86	14.78	14.81		
3	64QAM	15	0	14.80	14.85	14.88		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.40	15.46	15.38	16.5	0
1.4	QPSK	1	3	15.36	15.37	15.21		
1.4	QPSK	1	5	15.15	15.29	15.28		
1.4	QPSK	3	0	15.36	15.42	15.32		
1.4	QPSK	3	1	15.30	15.30	15.26		
1.4	QPSK	3	3	15.34	15.34	15.32		
1.4	QPSK	6	0	15.35	15.45	15.36	16.5	0
1.4	16QAM	1	0	15.32	15.41	15.20	16.5	0
1.4	16QAM	1	3	15.28	15.13	15.36		
1.4	16QAM	1	5	15.27	15.23	15.13		
1.4	16QAM	3	0	14.89	14.96	14.96		
1.4	16QAM	3	1	15.01	14.84	14.82		
1.4	16QAM	3	3	14.85	14.85	14.81		
1.4	16QAM	6	0	14.99	14.83	14.94	16.5	0
1.4	64QAM	1	0	15.47	14.85	15.00	16.5	0
1.4	64QAM	1	3	14.88	15.02	15.16		
1.4	64QAM	1	5	14.67	14.93	14.89		
1.4	64QAM	3	0	14.82	14.72	14.96		
1.4	64QAM	3	1	14.91	14.83	14.96		
1.4	64QAM	3	3	14.88	14.84	14.77		
1.4	64QAM	6	0	14.83	14.80	14.93	16.5	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.20	19.37	19.29	20	0
20	QPSK	1	49	19.13	19.03	19.16		
20	QPSK	1	99	18.96	18.89	19.03		
20	QPSK	50	0	19.12	19.19	19.14	20	0
20	QPSK	50	24	19.11	19.13	19.07		
20	QPSK	50	50	19.07	19.16	19.12		
20	QPSK	100	0	19.14	19.16	19.14		
20	16QAM	1	0	18.67	18.92	19.24	20	0
20	16QAM	1	49	18.55	19.01	19.29		
20	16QAM	1	99	18.43	19.05	18.84		
20	16QAM	50	0	18.60	18.60	18.67	20	0
20	16QAM	50	24	18.72	18.56	18.77		
20	16QAM	50	50	18.55	18.61	18.68		
20	16QAM	100	0	18.66	18.65	18.72		
20	64QAM	1	0	19.06	19.18	18.97	20	0
20	64QAM	1	49	18.78	18.89	18.80		
20	64QAM	1	99	18.91	18.61	18.95		
20	64QAM	50	0	18.70	18.62	18.71	20	0
20	64QAM	50	24	18.65	18.59	18.85		
20	64QAM	50	50	18.54	18.66	18.66		
20	64QAM	100	0	18.70	18.66	18.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.13	19.32	19.21	20	0
15	QPSK	1	37	18.97	18.87	19.00		
15	QPSK	1	74	18.81	18.83	18.98		
15	QPSK	36	0	19.06	19.07	19.07	20	0
15	QPSK	36	20	19.06	19.06	18.95		
15	QPSK	36	39	18.96	19.09	18.98		
15	QPSK	75	0	19.00	19.06	19.03		
15	16QAM	1	0	18.53	18.80	19.10	20	0
15	16QAM	1	37	18.49	18.94	19.20		
15	16QAM	1	74	18.33	18.93	18.79		
15	16QAM	36	0	18.53	18.47	18.58	20	0
15	16QAM	36	20	18.60	18.41	18.62		
15	16QAM	36	39	18.45	18.48	18.57		
15	16QAM	75	0	18.61	18.53	18.66		
15	64QAM	1	0	18.93	19.07	18.84	20	0
15	64QAM	1	37	18.62	18.76	18.65		
15	64QAM	1	74	18.75	18.52	18.89		
15	64QAM	36	0	18.59	18.49	18.65	20	0
15	64QAM	36	20	18.60	18.46	18.76		
15	64QAM	36	39	18.39	18.60	18.60		
15	64QAM	75	0	18.60	18.60	18.52		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.09	19.23	19.16	20	0
10	QPSK	1	25	19.08	18.95	19.00		
10	QPSK	1	49	18.91	18.77	18.88		
10	QPSK	25	0	19.06	19.07	19.03	20	0
10	QPSK	25	12	19.04	19.02	18.99		
10	QPSK	25	25	18.94	19.04	18.99		
10	QPSK	50	0	19.01	19.06	18.98		
10	16QAM	1	0	18.51	18.84	19.16	20	0
10	16QAM	1	25	18.40	18.87	19.14		
10	16QAM	1	49	18.27	18.98	18.70		
10	16QAM	25	0	18.52	18.51	18.56	20	0
10	16QAM	25	12	18.60	18.50	18.71		
10	16QAM	25	25	18.46	18.55	18.55		
10	16QAM	50	0	18.51	18.51	18.66		
10	64QAM	1	0	18.96	19.10	18.81	20	0
10	64QAM	1	25	18.62	18.77	18.71		
10	64QAM	1	49	18.77	18.46	18.81		
10	64QAM	25	0	18.58	18.53	18.60	20	0
10	64QAM	25	12	18.52	18.46	18.70		
10	64QAM	25	25	18.46	18.59	18.57		
10	64QAM	50	0	18.55	18.60	18.50		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.14	19.28	19.23	20	0
5	QPSK	1	12	19.05	18.98	19.07		
5	QPSK	1	24	18.81	18.84	18.98		
5	QPSK	12	0	18.98	19.04	19.02	20	0
5	QPSK	12	7	19.01	18.98	18.93		
5	QPSK	12	13	18.96	19.06	19.06		
5	QPSK	25	0	19.01	19.04	19.03		
5	16QAM	1	0	18.52	18.84	19.12	20	0
5	16QAM	1	12	18.40	18.88	19.13		
5	16QAM	1	24	18.34	18.93	18.71		
5	16QAM	12	0	18.54	18.54	18.60	20	0
5	16QAM	12	7	18.57	18.47	18.64		
5	16QAM	12	13	18.47	18.49	18.60		
5	16QAM	25	0	18.58	18.56	18.63		
5	64QAM	1	0	18.95	19.12	18.91	20	0
5	64QAM	1	12	18.68	18.77	18.69		
5	64QAM	1	24	18.84	18.51	18.81		
5	64QAM	12	0	18.62	18.50	18.59	20	0
5	64QAM	12	7	18.55	18.53	18.69		
5	64QAM	12	13	18.40	18.60	18.50		
5	64QAM	25	0	18.56	18.58	18.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.15	19.30	19.15	20	0
3	QPSK	1	8	18.99	18.91	19.02		
3	QPSK	1	14	18.81	18.73	18.94		
3	QPSK	8	0	19.01	19.14	19.03	20	0
3	QPSK	8	4	19.04	18.97	19.01		
3	QPSK	8	7	19.00	19.03	18.97		
3	QPSK	15	0	19.03	19.02	18.98		
3	16QAM	1	0	18.52	18.80	19.17	20	0
3	16QAM	1	8	18.43	18.91	19.15		
3	16QAM	1	14	18.29	18.93	18.73		
3	16QAM	8	0	18.44	18.44	18.54	20	0
3	16QAM	8	4	18.58	18.42	18.70		
3	16QAM	8	7	18.50	18.53	18.56		
3	16QAM	15	0	18.52	18.58	18.61		
3	64QAM	1	0	18.94	19.09	18.83	20	0
3	64QAM	1	8	18.73	18.74	18.68		
3	64QAM	1	14	18.80	18.56	18.82		
3	64QAM	8	0	18.63	18.50	18.61	20	0
3	64QAM	8	4	18.54	18.51	18.80		
3	64QAM	8	7	18.38	18.53	18.57		
3	64QAM	15	0	18.58	18.52	18.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.12	19.22	19.16	20	0
1.4	QPSK	1	3	19.00	18.94	19.09		
1.4	QPSK	1	5	18.82	18.73	18.92		
1.4	QPSK	3	0	18.99	19.06	19.04		
1.4	QPSK	3	1	19.01	19.01	18.97		
1.4	QPSK	3	3	18.94	19.03	19.02		
1.4	QPSK	6	0	19.03	19.06	19.01	20	0
1.4	16QAM	1	0	18.54	18.87	19.09	20	0
1.4	16QAM	1	3	18.43	18.86	19.21		
1.4	16QAM	1	5	18.37	18.89	18.75		
1.4	16QAM	3	0	18.47	18.47	18.58		
1.4	16QAM	3	1	18.56	18.50	18.68		
1.4	16QAM	3	3	18.39	18.53	18.55		
1.4	16QAM	6	0	18.51	18.58	18.58	20	0
1.4	64QAM	1	0	18.96	19.08	18.89	20	0
1.4	64QAM	1	3	18.62	18.81	18.66		
1.4	64QAM	1	5	18.76	18.56	18.81		
1.4	64QAM	3	0	18.58	18.46	18.61		
1.4	64QAM	3	1	18.54	18.50	18.79		
1.4	64QAM	3	3	18.42	18.61	18.55		
1.4	64QAM	6	0	18.55	18.50	18.56	20	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.00	18.26	18.25	19	0
20	QPSK	1	49	17.71	17.74	17.81		
20	QPSK	1	99	17.75	17.59	17.60		
20	QPSK	50	0	17.85	17.95	17.84	19	0
20	QPSK	50	24	17.80	17.78	17.78		
20	QPSK	50	50	17.82	17.79	17.74		
20	QPSK	100	0	17.87	17.93	17.88		
20	16QAM	1	0	17.57	17.98	18.25	19	0
20	16QAM	1	49	17.28	17.95	17.47		
20	16QAM	1	99	17.82	17.73	17.89		
20	16QAM	50	0	17.34	17.44	17.43	19	0
20	16QAM	50	24	17.47	17.69	17.37		
20	16QAM	50	50	17.45	17.26	17.30		
20	16QAM	100	0	17.40	17.24	17.35		
20	64QAM	1	0	18.05	17.52	17.98	19	0
20	64QAM	1	49	17.41	18.05	17.55		
20	64QAM	1	99	17.47	17.38	17.51		
20	64QAM	50	0	17.34	17.46	17.40	19	0
20	64QAM	50	24	17.47	17.35	17.43		
20	64QAM	50	50	17.29	17.36	17.40		
20	64QAM	100	0	17.35	17.36	17.42		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.86	18.18	18.15	19	0
15	QPSK	1	37	17.57	17.68	17.70		
15	QPSK	1	74	17.64	17.45	17.50		
15	QPSK	36	0	17.79	17.87	17.73	19	0
15	QPSK	36	20	17.70	17.68	17.63		
15	QPSK	36	39	17.68	17.68	17.69		
15	QPSK	75	0	17.72	17.78	17.74		
15	16QAM	1	0	17.50	17.88	18.14	19	0
15	16QAM	1	37	17.14	17.81	17.32		
15	16QAM	1	74	17.76	17.62	17.81		
15	16QAM	36	0	17.20	17.36	17.35	19	0
15	16QAM	36	20	17.37	17.61	17.30		
15	16QAM	36	39	17.35	17.14	17.14		
15	16QAM	75	0	17.28	17.11	17.27		
15	64QAM	1	0	17.95	17.46	17.86	19	0
15	64QAM	1	37	17.30	17.99	17.40		
15	64QAM	1	74	17.42	17.21	17.39		
15	64QAM	36	0	17.29	17.39	17.28	19	0
15	64QAM	36	20	17.33	17.23	17.30		
15	64QAM	36	39	17.13	17.28	17.33		
15	64QAM	75	0	17.29	17.22	17.28		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.89	18.15	18.15	19	0
10	QPSK	1	25	17.66	17.61	17.69		
10	QPSK	1	49	17.66	17.49	17.54		
10	QPSK	25	0	17.77	17.80	17.79	19	0
10	QPSK	25	12	17.66	17.65	17.69		
10	QPSK	25	25	17.70	17.67	17.67		
10	QPSK	50	0	17.76	17.87	17.79		
10	16QAM	1	0	17.46	17.86	18.14	19	0
10	16QAM	1	25	17.23	17.68	17.30		
10	16QAM	1	49	17.67	17.63	17.74		
10	16QAM	25	0	17.19	17.30	17.27	19	0
10	16QAM	25	12	17.39	17.63	17.32		
10	16QAM	25	25	17.34	17.19	17.22		
10	16QAM	50	0	17.29	17.12	17.21		
10	64QAM	1	0	17.95	17.36	17.89	19	0
10	64QAM	1	25	17.33	17.93	17.49		
10	64QAM	1	49	17.32	17.25	17.44		
10	64QAM	25	0	17.19	17.38	17.28	19	0
10	64QAM	25	12	17.33	17.20	17.36		
10	64QAM	25	25	17.20	17.28	17.34		
10	64QAM	50	0	17.26	17.26	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.89	18.12	18.13	19	0
5	QPSK	1	12	17.66	17.61	17.66		
5	QPSK	1	24	17.66	17.54	17.53		
5	QPSK	12	0	17.73	17.83	17.73	19	0
5	QPSK	12	7	17.68	17.63	17.65		
5	QPSK	12	13	17.71	17.66	17.60		
5	QPSK	25	0	17.72	17.82	17.72		
5	16QAM	1	0	17.45	17.93	18.12	19	0
5	16QAM	1	12	17.17	17.86	17.36		
5	16QAM	1	24	17.71	17.64	17.73		
5	16QAM	12	0	17.19	17.29	17.38	19	0
5	16QAM	12	7	17.31	17.63	17.22		
5	16QAM	12	13	17.29	17.17	17.20		
5	16QAM	25	0	17.29	17.10	17.25		
5	64QAM	1	0	17.96	17.37	17.82	19	0
5	64QAM	1	12	17.33	17.98	17.49		
5	64QAM	1	24	17.33	17.23	17.38		
5	64QAM	12	0	17.25	17.39	17.24	19	0
5	64QAM	12	7	17.35	17.21	17.29		
5	64QAM	12	13	17.17	17.24	17.31		
5	64QAM	25	0	17.29	17.21	17.29		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.86	18.12	18.17	19	0
3	QPSK	1	8	17.57	17.68	17.75		
3	QPSK	1	14	17.70	17.53	17.45		
3	QPSK	8	0	17.74	17.79	17.73	19	0
3	QPSK	8	4	17.64	17.64	17.73		
3	QPSK	8	7	17.70	17.63	17.67		
3	QPSK	15	0	17.71	17.83	17.77		
3	16QAM	1	0	17.45	17.82	18.13	19	0
3	16QAM	1	8	17.17	17.83	17.32		
3	16QAM	1	14	17.72	17.59	17.76		
3	16QAM	8	0	17.20	17.30	17.36	19	0
3	16QAM	8	4	17.37	17.61	17.29		
3	16QAM	8	7	17.35	17.20	17.17		
3	16QAM	15	0	17.31	17.15	17.23		
3	64QAM	1	0	17.94	17.46	17.90	19	0
3	64QAM	1	8	17.28	17.91	17.41		
3	64QAM	1	14	17.36	17.24	17.35		
3	64QAM	8	0	17.29	17.36	17.33	19	0
3	64QAM	8	4	17.31	17.30	17.31		
3	64QAM	8	7	17.24	17.23	17.24		
3	64QAM	15	0	17.27	17.28	17.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.88	18.21	18.17	19	0
1.4	QPSK	1	3	17.59	17.63	17.67		
1.4	QPSK	1	5	17.70	17.53	17.44		
1.4	QPSK	3	0	17.80	17.89	17.72		
1.4	QPSK	3	1	17.64	17.70	17.64		
1.4	QPSK	3	3	17.74	17.72	17.62		
1.4	QPSK	6	0	17.77	17.79	17.74	19	0
1.4	16QAM	1	0	17.47	17.91	18.14	19	0
1.4	16QAM	1	3	17.21	17.88	17.35		
1.4	16QAM	1	5	17.72	17.61	17.76		
1.4	16QAM	3	0	17.24	17.29	17.29		
1.4	16QAM	3	1	17.40	17.63	17.24		
1.4	16QAM	3	3	17.39	17.14	17.23		
1.4	16QAM	6	0	17.27	17.14	17.19	19	0
1.4	64QAM	1	0	17.98	17.47	17.89	19	0
1.4	64QAM	1	3	17.29	17.98	17.41		
1.4	64QAM	1	5	17.32	17.27	17.39		
1.4	64QAM	3	0	17.24	17.30	17.28		
1.4	64QAM	3	1	17.33	17.28	17.38		
1.4	64QAM	3	3	17.22	17.31	17.31		
1.4	64QAM	6	0	17.22	17.24	17.31	19	0

Band 5_Ant 11

BW [MHz]	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	21.87	21.99	21.89	23	0
10	QPSK	1	25	21.83	21.77	21.53		
10	QPSK	1	49	21.52	21.73	21.50		
10	QPSK	25	0	21.86	21.98	21.91	23	0
10	QPSK	25	12	21.81	21.68	21.82		
10	QPSK	25	25	21.83	21.78	21.68		
10	QPSK	50	0	21.79	21.88	21.77		
10	16QAM	1	0	21.45	21.51	21.73	23	0
10	16QAM	1	25	21.82	21.91	21.48		
10	16QAM	1	49	21.28	21.79	21.88		
10	16QAM	25	0	21.36	21.31	21.22	23	0
10	16QAM	25	12	21.31	21.43	21.40		
10	16QAM	25	25	21.44	21.44	21.40		
10	16QAM	50	0	21.53	21.26	21.42		
10	64QAM	1	0	21.69	21.81	21.17	23	0
10	64QAM	1	25	21.41	21.72	21.27		
10	64QAM	1	49	21.44	21.62	21.26		
10	64QAM	25	0	20.84	20.75	20.84	22	1
10	64QAM	25	12	20.90	20.67	20.73		
10	64QAM	25	25	20.82	20.82	20.74		
10	64QAM	50	0	20.81	20.73	20.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.82	21.86	21.78	23	0
5	QPSK	1	12	21.49	21.64	21.41		
5	QPSK	1	24	21.45	21.57	21.37		
5	QPSK	12	0	21.80	21.91	21.75	23	0
5	QPSK	12	7	21.72	21.60	21.71		
5	QPSK	12	13	21.70	21.65	21.58		
5	QPSK	25	0	21.69	21.73	21.65		
5	16QAM	1	0	21.30	21.40	21.59	23	0
5	16QAM	1	12	21.69	21.84	21.40		
5	16QAM	1	24	21.23	21.66	21.80		
5	16QAM	12	0	21.23	21.26	21.14	23	0
5	16QAM	12	7	21.17	21.29	21.35		
5	16QAM	12	13	21.34	21.35	21.27		
5	16QAM	25	0	21.41	21.34	21.34		
5	64QAM	1	0	21.84	21.73	21.03	23	0
5	64QAM	1	12	21.34	21.65	21.12		
5	64QAM	1	24	21.28	21.54	21.10		
5	64QAM	12	0	20.74	20.63	20.69	22	1
5	64QAM	12	7	20.82	20.56	20.65		
5	64QAM	12	13	20.66	20.77	20.60		
5	64QAM	25	0	20.67	20.59	20.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.75	21.94	21.79	23	0
3	QPSK	1	8	21.54	21.68	21.38		
3	QPSK	1	14	21.39	21.64	21.39		
3	QPSK	8	0	21.80	21.91	21.75	23	0
3	QPSK	8	4	21.73	21.61	21.76		
3	QPSK	8	7	21.77	21.64	21.60		
3	QPSK	15	0	21.64	21.81	21.61		
3	16QAM	1	0	21.37	21.43	21.58	23	0
3	16QAM	1	8	21.66	21.79	21.42		
3	16QAM	1	14	21.12	21.71	21.82		
3	16QAM	8	0	21.22	21.18	21.10	23	0
3	16QAM	8	4	21.19	21.35	21.30		
3	16QAM	8	7	21.36	21.28	21.33		
3	16QAM	15	0	21.47	21.18	21.34		
3	64QAM	1	0	21.57	21.74	21.05	23	0
3	64QAM	1	8	21.31	21.66	21.21		
3	64QAM	1	14	21.32	21.50	21.15		
3	64QAM	8	0	20.77	20.67	20.74	22	1
3	64QAM	8	4	20.76	20.59	20.62		
3	64QAM	8	7	20.71	20.71	20.59		
3	64QAM	15	0	20.68	20.64	20.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.80	21.94	21.73	23	0
1.4	QPSK	1	3	21.54	21.70	21.46		
1.4	QPSK	1	5	21.36	21.65	21.45		
1.4	QPSK	3	0	21.71	21.90	21.77		
1.4	QPSK	3	1	21.68	21.63	21.68		
1.4	QPSK	3	3	21.72	21.68	21.55		
1.4	QPSK	6	0	21.64	21.82	21.63	23	0
1.4	16QAM	1	0	21.35	21.39	21.64	23	0
1.4	16QAM	1	3	21.74	21.80	21.37		
1.4	16QAM	1	5	21.16	21.70	21.72		
1.4	16QAM	3	0	21.28	21.25	21.07		
1.4	16QAM	3	1	21.20	21.33	21.34		
1.4	16QAM	3	3	21.35	21.33	21.32		
1.4	16QAM	6	0	21.48	21.15	21.26	23	0
1.4	64QAM	1	0	21.54	21.76	21.10	23	0
1.4	64QAM	1	3	21.34	21.67	21.18		
1.4	64QAM	1	5	21.34	21.56	21.14		
1.4	64QAM	3	0	21.38	21.65	21.06		
1.4	64QAM	3	1	21.22	21.62	21.05		
1.4	64QAM	3	3	21.23	21.48	21.09		
1.4	64QAM	6	0	20.68	20.63	20.66	22	1

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.81	17.09	16.98	17.5	0
20	QPSK	1	49	16.57	16.96	16.83		
20	QPSK	1	99	16.70	16.75	16.84		
20	QPSK	50	0	16.90	17.06	16.91	17.5	0
20	QPSK	50	24	16.85	16.87	16.85		
20	QPSK	50	50	16.82	16.89	16.88		
20	QPSK	100	0	16.89	16.99	16.93		
20	16QAM	1	0	15.94	16.50	16.66	17.5	0
20	16QAM	1	49	16.69	17.03	16.86		
20	16QAM	1	99	16.72	16.85	16.27		
20	16QAM	50	0	16.68	16.97	16.92	17.5	0
20	16QAM	50	24	16.82	16.91	17.01		
20	16QAM	50	50	16.86	17.08	17.03		
20	16QAM	100	0	16.91	16.97	17.00		
20	64QAM	1	0	15.99	16.65	16.39	17.5	0
20	64QAM	1	49	16.98	16.51	16.50		
20	64QAM	1	99	16.40	16.93	16.81		
20	64QAM	50	0	16.70	16.87	16.97	17.5	0
20	64QAM	50	24	16.84	16.95	16.98		
20	64QAM	50	50	16.79	17.06	17.04		
20	64QAM	100	0	16.79	16.99	16.85		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.68	17.03	16.90	17.5	0
15	QPSK	1	37	16.52	16.83	16.71		
15	QPSK	1	74	16.63	16.70	16.69		
15	QPSK	36	0	16.83	16.91	16.81	17.5	0
15	QPSK	36	20	16.76	16.76	16.79		
15	QPSK	36	39	16.76	16.80	16.82		
15	QPSK	75	0	16.78	16.92	16.83		
15	16QAM	1	0	15.85	16.42	16.50	17.5	0
15	16QAM	1	37	16.62	16.91	16.71		
15	16QAM	1	74	16.66	16.69	16.18		
15	16QAM	36	0	16.52	16.92	16.85	17.5	0
15	16QAM	36	20	16.77	16.80	16.93		
15	16QAM	36	39	16.80	16.92	16.91		
15	16QAM	75	0	16.78	16.83	16.93		
15	64QAM	1	0	15.87	16.52	16.31	17.5	0
15	64QAM	1	37	16.82	16.40	16.36		
15	64QAM	1	74	16.32	16.83	16.72		
15	64QAM	36	0	16.63	16.82	16.89	17.5	0
15	64QAM	36	20	16.73	16.80	16.92		
15	64QAM	36	39	16.70	16.92	16.96		
15	64QAM	75	0	16.71	16.87	16.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.75	16.95	16.93	17.5	0
10	QPSK	1	25	16.51	16.91	16.75		
10	QPSK	1	49	16.56	16.64	16.78		
10	QPSK	25	0	16.80	16.91	16.76	17.5	0
10	QPSK	25	12	16.77	16.77	16.79		
10	QPSK	25	25	16.72	16.73	16.73		
10	QPSK	50	0	16.82	16.90	16.80		
10	16QAM	1	0	15.81	16.36	16.54	17.5	0
10	16QAM	1	25	16.56	16.95	16.78		
10	16QAM	1	49	16.61	16.71	16.13		
10	16QAM	25	0	16.54	16.83	16.85	17.5	0
10	16QAM	25	12	16.67	16.79	16.96		
10	16QAM	25	25	16.79	16.92	16.97		
10	16QAM	50	0	16.83	16.86	16.91		
10	64QAM	1	0	15.90	16.57	16.33	17.5	0
10	64QAM	1	25	16.85	16.38	16.43		
10	64QAM	1	49	16.29	16.84	16.68		
10	64QAM	25	0	16.64	16.80	16.90	17.5	0
10	64QAM	25	12	16.79	16.79	16.87		
10	64QAM	25	25	16.74	16.94	16.89		
10	64QAM	50	0	16.69	16.87	16.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2507.5		
5	QPSK	1	0	16.65	16.96	16.83	17.5	0
5	QPSK	1	12	16.42	16.83	16.75		
5	QPSK	1	24	16.57	16.69	16.71		
5	QPSK	12	0	16.74	17.00	16.81	17.5	0
5	QPSK	12	7	16.72	16.79	16.70		
5	QPSK	12	13	16.67	16.74	16.83		
5	QPSK	25	0	16.84	16.87	16.77		
5	16QAM	1	0	15.87	16.34	16.50	17.5	0
5	16QAM	1	12	16.62	16.89	16.80		
5	16QAM	1	24	16.56	16.73	16.17		
5	16QAM	12	0	16.60	16.82	16.85	17.5	0
5	16QAM	12	7	16.69	16.79	16.90		
5	16QAM	12	13	16.72	16.96	16.91		
5	16QAM	25	0	16.77	16.86	16.95		
5	64QAM	1	0	15.87	16.49	16.23	17.5	0
5	64QAM	1	12	16.82	16.44	16.45		
5	64QAM	1	24	16.34	16.79	16.76		
5	64QAM	12	0	16.64	16.82	16.81	17.5	0
5	64QAM	12	7	16.71	16.83	16.90		
5	64QAM	12	13	16.65	16.96	16.91		
5	64QAM	25	0	16.74	16.89	16.70		

Band 7_Ant 31

BW [MHz]	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	18.69	18.84	18.83	19.5	0
20	QPSK	1	49	18.65	18.67	18.63		
20	QPSK	1	99	18.51	18.60	18.69		
20	QPSK	50	0	18.75	18.78	18.72	19.5	0
20	QPSK	50	24	18.66	18.65	18.62		
20	QPSK	50	50	18.62	18.72	18.71		
20	QPSK	100	0	18.67	18.72	18.60		
20	16QAM	1	0	18.41	18.60	18.37	19.5	0
20	16QAM	1	49	18.43	18.76	18.69		
20	16QAM	1	99	18.41	18.53	18.54		
20	16QAM	50	0	18.25	18.32	18.24	19.5	0
20	16QAM	50	24	18.35	18.35	18.34		
20	16QAM	50	50	18.27	18.38	18.33		
20	16QAM	100	0	18.31	18.27	18.28		
20	64QAM	1	0	18.30	18.23	18.78	19.5	0
20	64QAM	1	49	18.73	18.73	18.59		
20	64QAM	1	99	18.51	18.35	18.52		
20	64QAM	50	0	18.62	18.79	18.69	19.5	0
20	64QAM	50	24	18.77	18.65	18.63		
20	64QAM	50	50	18.63	18.71	18.82		
20	64QAM	100	0	18.68	18.77	18.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.57	18.70	18.69	19.5	0
15	QPSK	1	37	18.54	18.59	18.57		
15	QPSK	1	74	18.40	18.52	18.64		
15	QPSK	36	0	18.70	18.65	18.63	19.5	0
15	QPSK	36	20	18.61	18.57	18.51		
15	QPSK	36	39	18.47	18.65	18.61		
15	QPSK	75	0	18.56	18.62	18.52		
15	16QAM	1	0	18.26	18.53	18.31	19.5	0
15	16QAM	1	37	18.27	18.66	18.53		
15	16QAM	1	74	18.36	18.43	18.47		
15	16QAM	36	0	18.10	18.26	18.13	19.5	0
15	16QAM	36	20	18.19	18.29	18.26		
15	16QAM	36	39	18.13	18.30	18.18		
15	16QAM	75	0	18.22	18.12	18.19		
15	64QAM	1	0	18.24	18.14	18.72	19.5	0
15	64QAM	1	37	18.61	18.65	18.53		
15	64QAM	1	74	18.36	18.25	18.44		
15	64QAM	36	0	18.56	18.69	18.58	19.5	0
15	64QAM	36	20	18.70	18.52	18.52		
15	64QAM	36	39	18.54	18.58	18.77		
15	64QAM	75	0	18.59	18.61	18.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.53	18.69	18.73	19.5	0
10	QPSK	1	25	18.56	18.58	18.54		
10	QPSK	1	49	18.43	18.52	18.61		
10	QPSK	25	0	18.62	18.70	18.62	19.5	0
10	QPSK	25	12	18.56	18.53	18.49		
10	QPSK	25	25	18.50	18.64	18.66		
10	QPSK	50	0	18.54	18.57	18.45		
10	16QAM	1	0	18.35	18.54	18.24	19.5	0
10	16QAM	1	25	18.38	18.65	18.53		
10	16QAM	1	49	18.29	18.47	18.49		
10	16QAM	25	0	18.11	18.27	18.16	19.5	0
10	16QAM	25	12	18.30	18.30	18.26		
10	16QAM	25	25	18.19	18.32	18.20		
10	16QAM	50	0	18.24	18.22	18.15		
10	64QAM	1	0	18.14	18.09	18.70	19.5	0
10	64QAM	1	25	18.60	18.60	18.43		
10	64QAM	1	49	18.36	18.20	18.42		
10	64QAM	25	0	18.53	18.66	18.60	19.5	0
10	64QAM	25	12	18.62	18.56	18.54		
10	64QAM	25	25	18.55	18.55	18.74		
10	64QAM	50	0	18.63	18.62	18.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.63	18.78	18.75	19.5	0
5	QPSK	1	12	18.58	18.60	18.53		
5	QPSK	1	24	18.46	18.54	18.58		
5	QPSK	12	0	18.67	18.67	18.60	19.5	0
5	QPSK	12	7	18.53	18.51	18.47		
5	QPSK	12	13	18.55	18.56	18.58		
5	QPSK	25	0	18.51	18.67	18.52		
5	16QAM	1	0	18.32	18.49	18.25	19.5	0
5	16QAM	1	12	18.35	18.65	18.55		
5	16QAM	1	24	18.26	18.47	18.41		
5	16QAM	12	0	18.12	18.17	18.17	19.5	0
5	16QAM	12	7	18.28	18.27	18.29		
5	16QAM	12	13	18.13	18.30	18.24		
5	16QAM	25	0	18.16	18.18	18.17		
5	64QAM	1	0	18.18	18.07	18.73	19.5	0
5	64QAM	1	12	18.66	18.68	18.45		
5	64QAM	1	24	18.42	18.22	18.43		
5	64QAM	12	0	18.52	18.68	18.60	19.5	0
5	64QAM	12	7	18.69	18.60	18.47		
5	64QAM	12	13	18.58	18.56	18.69		
5	64QAM	25	0	18.58	18.66	18.63		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.46	17.68	17.67	18.5	0
20	QPSK	1	49	17.18	17.60	17.62		
20	QPSK	1	99	17.31	17.31	17.48		
20	QPSK	50	0	17.41	17.63	17.61	18.5	0
20	QPSK	50	24	17.40	17.41	17.59		
20	QPSK	50	50	17.38	17.48	17.60		
20	QPSK	100	0	17.31	17.63	17.62		
20	16QAM	1	0	17.14	17.22	17.39	18.5	0
20	16QAM	1	49	17.54	17.56	17.58		
20	16QAM	1	99	17.56	17.19	17.47		
20	16QAM	50	0	17.08	17.13	17.27	18.5	0
20	16QAM	50	24	17.06	17.20	17.32		
20	16QAM	50	50	17.20	17.21	17.30		
20	16QAM	100	0	17.25	17.23	17.31		
20	64QAM	1	0	16.79	17.42	17.48	18.5	0
20	64QAM	1	49	17.12	17.52	17.52		
20	64QAM	1	99	17.46	17.58	17.55		
20	64QAM	50	0	16.97	17.15	17.32	18.5	0
20	64QAM	50	24	17.15	17.26	17.20		
20	64QAM	50	50	17.21	17.33	17.39		
20	64QAM	100	0	17.20	17.17	17.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.39	17.53	17.62	18.5	0
15	QPSK	1	37	17.12	17.54	17.49		
15	QPSK	1	74	17.26	17.25	17.36		
15	QPSK	36	0	17.33	17.56	17.54	18.5	0
15	QPSK	36	20	17.28	17.34	17.47		
15	QPSK	36	39	17.30	17.35	17.55		
15	QPSK	75	0	17.15	17.55	17.49		
15	16QAM	1	0	17.01	17.13	17.34	18.5	0
15	16QAM	1	37	17.40	17.49	17.42		
15	16QAM	1	74	17.47	17.10	17.41		
15	16QAM	36	0	17.01	17.06	17.12	18.5	0
15	16QAM	36	20	16.99	17.09	17.16		
15	16QAM	36	39	17.09	17.07	17.19		
15	16QAM	75	0	17.19	17.13	17.20		
15	64QAM	1	0	16.71	17.35	17.32	18.5	0
15	64QAM	1	37	17.03	17.37	17.40		
15	64QAM	1	74	17.35	17.48	17.49		
15	64QAM	36	0	16.87	17.09	17.24	18.5	0
15	64QAM	36	20	17.07	17.18	17.10		
15	64QAM	36	39	17.05	17.25	17.31		
15	64QAM	75	0	17.06	17.04	17.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.35	17.63	17.55	18.5	0
10	QPSK	1	25	17.10	17.47	17.52		
10	QPSK	1	49	17.24	17.23	17.38		
10	QPSK	25	0	17.36	17.48	17.51	18.5	0
10	QPSK	25	12	17.27	17.31	17.43		
10	QPSK	25	25	17.22	17.36	17.52		
10	QPSK	50	0	17.26	17.48	17.53		
10	16QAM	1	0	17.06	17.17	17.30	18.5	0
10	16QAM	1	25	17.40	17.45	17.44		
10	16QAM	1	49	17.42	17.10	17.34		
10	16QAM	25	0	16.98	16.99	17.17	18.5	0
10	16QAM	25	12	16.93	17.12	17.22		
10	16QAM	25	25	17.07	17.15	17.23		
10	16QAM	50	0	17.20	17.18	17.16		
10	64QAM	1	0	16.72	17.36	17.35	18.5	0
10	64QAM	1	25	17.02	17.37	17.42		
10	64QAM	1	49	17.31	17.53	17.45		
10	64QAM	25	0	16.86	17.04	17.27	18.5	0
10	64QAM	25	12	17.08	17.12	17.13		
10	64QAM	25	25	17.09	17.26	17.25		
10	64QAM	50	0	17.09	17.04	17.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.38	17.57	17.51	18.5	0
5	QPSK	1	12	17.05	17.55	17.56		
5	QPSK	1	24	17.16	17.18	17.43		
5	QPSK	12	0	17.31	17.54	17.45	18.5	0
5	QPSK	12	7	17.26	17.35	17.44		
5	QPSK	12	13	17.27	17.40	17.50		
5	QPSK	25	0	17.23	17.58	17.57		
5	16QAM	1	0	17.01	17.14	17.30	18.5	0
5	16QAM	1	12	17.42	17.49	17.42		
5	16QAM	1	24	17.48	17.06	17.34		
5	16QAM	12	0	16.98	17.08	17.16	18.5	0
5	16QAM	12	7	16.92	17.10	17.26		
5	16QAM	12	13	17.13	17.09	17.18		
5	16QAM	25	0	17.20	17.16	17.25		
5	64QAM	1	0	16.72	17.27	17.36	18.5	0
5	64QAM	1	12	16.98	17.46	17.41		
5	64QAM	1	24	17.30	17.52	17.48		
5	64QAM	12	0	16.89	17.07	17.16	18.5	0
5	64QAM	12	7	17.07	17.11	17.07		
5	64QAM	12	13	17.14	17.27	17.29		
5	64QAM	25	0	17.12	17.11	17.21		

Band 12_Ant 11

BW [MHz]	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	21.76	21.95	21.64	23	0
10	QPSK	1	25	21.58	21.63	21.62		
10	QPSK	1	49	21.75	21.71	21.61		
10	QPSK	25	0	21.74	21.85	21.75	23	0
10	QPSK	25	12	21.73	21.75	21.67		
10	QPSK	25	25	21.71	21.67	21.73		
10	QPSK	50	0	21.75	21.80	21.78		
10	16QAM	1	0	21.77	21.60	21.83	23	0
10	16QAM	1	25	21.57	21.61	21.93		
10	16QAM	1	49	21.48	21.67	21.83		
10	16QAM	25	0	21.57	21.63	21.65	23	0
10	16QAM	25	12	21.78	21.73	21.70		
10	16QAM	25	25	21.75	21.77	21.84		
10	16QAM	50	0	21.77	21.72	21.74		
10	64QAM	1	0	21.39	21.71	21.52	23	0
10	64QAM	1	25	21.49	21.78	21.75		
10	64QAM	1	49	21.26	21.33	21.52		
10	64QAM	25	0	20.63	20.65	20.71	22	1
10	64QAM	25	12	20.80	20.69	20.83		
10	64QAM	25	25	20.92	20.69	20.83		
10	64QAM	50	0	20.78	20.70	20.78		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.64	21.89	21.51	23	0
5	QPSK	1	12	21.51	21.51	21.49		
5	QPSK	1	24	21.67	21.61	21.56		
5	QPSK	12	0	21.63	21.77	21.61	23	0
5	QPSK	12	7	21.65	21.60	21.60		
5	QPSK	12	13	21.65	21.61	21.62		
5	QPSK	25	0	21.59	21.66	21.62		
5	16QAM	1	0	21.66	21.47	21.77	23	0
5	16QAM	1	12	21.48	21.49	21.80		
5	16QAM	1	24	21.40	21.60	21.77		
5	16QAM	12	0	21.51	21.51	21.51	23	0
5	16QAM	12	7	21.72	21.64	21.61		
5	16QAM	12	13	21.68	21.68	21.76		
5	16QAM	25	0	21.68	21.67	21.68		
5	64QAM	1	0	21.26	21.57	21.38	23	0
5	64QAM	1	12	21.37	21.67	21.59		
5	64QAM	1	24	21.18	21.18	21.37		
5	64QAM	12	0	20.58	20.54	20.66	22	1
5	64QAM	12	7	20.68	20.58	20.69		
5	64QAM	12	13	20.84	20.53	20.67		
5	64QAM	25	0	20.67	20.54	20.68		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.68	21.79	21.52	23	0
3	QPSK	1	8	21.53	21.48	21.52		
3	QPSK	1	14	21.64	21.63	21.53		
3	QPSK	8	0	21.65	21.76	21.70	23	0
3	QPSK	8	4	21.64	21.67	21.57		
3	QPSK	8	7	21.64	21.53	21.68		
3	QPSK	15	0	21.62	21.67	21.62		
3	16QAM	1	0	21.63	21.47	21.78	23	0
3	16QAM	1	8	21.48	21.53	21.79		
3	16QAM	1	14	21.32	21.55	21.73		
3	16QAM	8	0	21.41	21.48	21.51	23	0
3	16QAM	8	4	21.68	21.62	21.59		
3	16QAM	8	7	21.64	21.64	21.78		
3	16QAM	15	0	21.63	21.57	21.69		
3	64QAM	1	0	21.24	21.65	21.40	23	0
3	64QAM	1	8	21.35	21.69	21.70		
3	64QAM	1	14	21.15	21.24	21.41		
3	64QAM	8	0	20.58	20.57	20.56	22	1
3	64QAM	8	4	20.75	20.63	20.78		
3	64QAM	8	7	20.76	20.54	20.70		
3	64QAM	15	0	20.70	20.54	20.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.62	21.89	21.58	23	0
1.4	QPSK	1	3	21.43	21.58	21.57		
1.4	QPSK	1	5	21.59	21.55	21.55		
1.4	QPSK	3	0	21.62	21.73	21.64		
1.4	QPSK	3	1	21.61	21.68	21.55		
1.4	QPSK	3	3	21.64	21.52	21.68		
1.4	QPSK	6	0	21.68	21.71	21.66	23	0
1.4	16QAM	1	0	21.64	21.53	21.76	23	0
1.4	16QAM	1	3	21.49	21.48	21.81		
1.4	16QAM	1	5	21.39	21.52	21.78		
1.4	16QAM	3	0	21.47	21.47	21.52		
1.4	16QAM	3	1	21.65	21.64	21.56		
1.4	16QAM	3	3	21.68	21.72	21.75		
1.4	16QAM	6	0	21.63	21.63	21.63	23	0
1.4	64QAM	1	0	21.26	21.64	21.39	23	0
1.4	64QAM	1	3	21.40	21.73	21.62		
1.4	64QAM	1	5	21.16	21.21	21.47		
1.4	64QAM	3	0	21.19	21.51	21.26		
1.4	64QAM	3	1	21.34	21.66	21.57		
1.4	64QAM	3	3	21.02	21.14	21.37		
1.4	64QAM	6	0	20.67	20.61	20.62	22	1

Band 12_Ant 41

BW [MHz]	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	23.72	23.78	23.67	25.2	0
10	QPSK	1	25	23.71	23.72	23.64		
10	QPSK	1	49	23.62	23.57	23.57		
10	QPSK	25	0	22.64	22.75	22.60	24.2	1
10	QPSK	25	12	22.72	22.72	22.68		
10	QPSK	25	25	22.61	22.64	22.62		
10	QPSK	50	0	22.68	22.77	22.63		
10	16QAM	1	0	23.25	22.99	22.91	24.2	1
10	16QAM	1	25	22.92	23.07	23.06		
10	16QAM	1	49	23.14	22.93	23.11		
10	16QAM	25	0	21.65	21.72	21.69	23.2	2
10	16QAM	25	12	21.76	21.71	21.72		
10	16QAM	25	25	21.72	21.68	21.75		
10	16QAM	50	0	21.74	21.71	21.70		
10	64QAM	1	0	21.67	21.99	21.73	23.2	2
10	64QAM	1	25	21.78	21.93	21.93		
10	64QAM	1	49	21.41	21.78	21.93		
10	64QAM	25	0	20.63	20.59	20.59	22.2	3
10	64QAM	25	12	20.74	20.62	20.75		
10	64QAM	25	25	20.72	20.75	20.83		
10	64QAM	50	0	20.71	20.67	20.81		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.61	23.53	23.59	25.2	0
5	QPSK	1	12	23.69	23.55	23.70		
5	QPSK	1	24	23.64	23.56	23.59		
5	QPSK	12	0	22.52	22.59	22.55	24.2	1
5	QPSK	12	7	22.66	22.76	22.75		
5	QPSK	12	13	22.62	22.64	22.67		
5	QPSK	25	0	22.68	22.55	22.63		
5	16QAM	1	0	22.85	22.95	23.03	24.2	1
5	16QAM	1	12	23.17	23.12	22.95		
5	16QAM	1	24	22.83	23.10	22.94		
5	16QAM	12	0	21.71	21.61	21.64	23.2	2
5	16QAM	12	7	21.78	21.77	21.65		
5	16QAM	12	13	21.70	21.74	21.76		
5	16QAM	25	0	21.65	21.61	21.63		
5	64QAM	1	0	21.78	21.71	21.74	23.2	2
5	64QAM	1	12	21.84	21.82	21.94		
5	64QAM	1	24	22.11	21.60	21.81		
5	64QAM	12	0	20.65	20.69	20.61	22.2	3
5	64QAM	12	7	20.56	20.71	20.81		
5	64QAM	12	13	20.71	20.74	20.67		
5	64QAM	25	0	20.66	20.68	20.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.46	23.63	23.63	25.2	0
3	QPSK	1	8	23.58	23.61	23.65		
3	QPSK	1	14	23.53	23.58	23.49		
3	QPSK	8	0	22.70	22.59	22.61	24.2	1
3	QPSK	8	4	22.66	22.61	22.69		
3	QPSK	8	7	22.59	22.62	22.61		
3	QPSK	15	0	22.65	22.60	22.67		
3	16QAM	1	0	22.92	22.92	22.75	24.2	1
3	16QAM	1	8	22.83	23.02	22.87		
3	16QAM	1	14	22.75	22.97	23.07		
3	16QAM	8	0	21.65	21.69	21.63	23.2	2
3	16QAM	8	4	21.75	21.80	21.73		
3	16QAM	8	7	21.76	21.71	21.66		
3	16QAM	15	0	21.56	21.59	21.62		
3	64QAM	1	0	21.65	21.70	21.90	23.2	2
3	64QAM	1	8	21.67	21.73	21.57		
3	64QAM	1	14	21.37	21.58	21.82		
3	64QAM	8	0	20.66	20.69	20.72	22.2	3
3	64QAM	8	4	20.70	20.75	20.61		
3	64QAM	8	7	20.65	20.71	20.69		
3	64QAM	15	0	20.72	20.57	20.70		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.64	23.54	23.59	25.2	0
1.4	QPSK	1	3	23.54	23.54	23.65		
1.4	QPSK	1	5	23.53	23.45	23.66		
1.4	QPSK	3	0	23.67	23.57	23.57		
1.4	QPSK	3	1	23.58	23.54	23.66		
1.4	QPSK	3	3	23.60	23.58	23.54		
1.4	QPSK	6	0	22.62	22.51	22.61	24.2	1
1.4	16QAM	1	0	22.91	23.01	22.64	24.2	1
1.4	16QAM	1	3	22.86	22.85	22.99		
1.4	16QAM	1	5	22.49	22.78	23.02		
1.4	16QAM	3	0	22.71	22.85	22.82		
1.4	16QAM	3	1	22.76	22.83	22.77		
1.4	16QAM	3	3	22.62	22.80	22.66		
1.4	16QAM	6	0	21.59	21.73	21.73	23.2	2
1.4	64QAM	1	0	21.89	21.82	21.87	23.2	2
1.4	64QAM	1	3	21.73	21.71	21.92		
1.4	64QAM	1	5	21.72	21.67	21.61		
1.4	64QAM	3	0	21.79	21.80	21.74		
1.4	64QAM	3	1	21.79	21.81	21.84		
1.4	64QAM	3	3	21.64	21.32	21.65		
1.4	64QAM	6	0	20.86	20.54	20.64	22.2	3

Band 13_Ant 11

BW [MHz]	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		22.04		23	0
10	QPSK	1	25		21.81			
10	QPSK	1	49		21.70			
10	QPSK	25	0		21.87		23	0
10	QPSK	25	12		21.70			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.76			
10	16QAM	1	0		21.73		23	0
10	16QAM	1	25		21.98			
10	16QAM	1	49		21.99			
10	16QAM	25	0		21.70		23	0
10	16QAM	25	12		21.80			
10	16QAM	25	25		21.76			
10	16QAM	50	0		21.76			
10	64QAM	1	0		21.60		23	0
10	64QAM	1	25		21.98			
10	64QAM	1	49		21.73			
10	64QAM	25	0		20.90		22	1
10	64QAM	25	12		20.77			
10	64QAM	25	25		20.66			
10	64QAM	50	0		20.74			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.95	21.92	21.90	23	0
5	QPSK	1	12	21.75	21.73	21.65		
5	QPSK	1	24	21.58	21.60	21.59		
5	QPSK	12	0	21.74	21.78	21.74	23	0
5	QPSK	12	7	21.58	21.54	21.59		
5	QPSK	12	13	21.69	21.72	21.76		
5	QPSK	25	0	21.67	21.65	21.60		
5	16QAM	1	0	21.68	21.57	21.59	23	0
5	16QAM	1	12	21.91	21.82	21.93		
5	16QAM	1	24	21.94	21.88	21.94		
5	16QAM	12	0	21.58	21.58	21.56	23	0
5	16QAM	12	7	21.67	21.73	21.64		
5	16QAM	12	13	21.68	21.62	21.71		
5	16QAM	25	0	21.64	21.70	21.61		
5	64QAM	1	0	21.44	21.44	21.50	23	0
5	64QAM	1	12	21.86	21.93	21.93		
5	64QAM	1	24	21.64	21.66	21.60		
5	64QAM	12	0	20.76	20.75	20.80	22	1
5	64QAM	12	7	20.65	20.67	20.65		
5	64QAM	12	13	20.50	20.61	20.54		
5	64QAM	25	0	20.60	20.66	20.68		

Band 13_Ant 41

BW [MHz]	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		25.3	0
10	QPSK	1	25		23.86			
10	QPSK	1	49		23.75			
10	QPSK	25	0		22.82		24.3	1
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.76			
10	QPSK	50	0		22.78			
10	16QAM	1	0		22.95		24.3	1
10	16QAM	1	25		23.13			
10	16QAM	1	49		22.93			
10	16QAM	25	0		21.69		23.3	2
10	16QAM	25	12		21.78			
10	16QAM	25	25		21.81			
10	16QAM	50	0		21.92			
10	64QAM	1	0		22.13		23.3	2
10	64QAM	1	25		21.76			
10	64QAM	1	49		22.25			
10	64QAM	25	0		20.65		22.3	3
10	64QAM	25	12		20.89			
10	64QAM	25	25		20.87			
10	64QAM	50	0		20.83			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.69	23.74	23.89	25.3	0
5	QPSK	1	12	23.89	23.86	23.86		
5	QPSK	1	24	23.80	23.66	23.82		
5	QPSK	12	0	22.62	22.73	22.78	24.3	1
5	QPSK	12	7	22.75	22.78	22.88		
5	QPSK	12	13	22.76	22.74	22.83		
5	QPSK	25	0	22.79	22.72	22.89		
5	16QAM	1	0	23.10	23.10	22.89	24.3	1
5	16QAM	1	12	23.09	23.51	23.00		
5	16QAM	1	24	22.96	23.37	23.33		
5	16QAM	12	0	21.82	21.85	21.91	23.3	2
5	16QAM	12	7	21.85	21.88	21.94		
5	16QAM	12	13	21.74	21.68	21.74		
5	16QAM	25	0	21.79	21.75	21.76		
5	64QAM	1	0	22.10	22.22	21.79	23.3	2
5	64QAM	1	12	22.31	22.15	22.35		
5	64QAM	1	24	22.12	21.72	21.93		
5	64QAM	12	0	20.72	20.78	20.83	22.3	3
5	64QAM	12	7	20.83	20.80	20.91		
5	64QAM	12	13	20.93	20.80	20.73		
5	64QAM	25	0	20.80	20.79	20.87		

Band 17_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.74	21.86	21.78	23	0
10	QPSK	1	25	21.66	21.57	21.67		
10	QPSK	1	49	21.61	21.65	21.60		
10	QPSK	25	0	21.71	21.79	21.74	23	0
10	QPSK	25	12	21.64	21.73	21.69		
10	QPSK	25	25	21.62	21.63	21.66		
10	QPSK	50	0	21.66	21.67	21.62		
10	16QAM	1	0	21.31	21.79	21.53	23	0
10	16QAM	1	25	21.50	21.61	21.78		
10	16QAM	1	49	21.57	21.30	21.83		
10	16QAM	25	0	21.20	21.25	21.29	23	0
10	16QAM	25	12	21.39	21.25	21.36		
10	16QAM	25	25	21.26	21.33	21.36		
10	16QAM	50	0	21.32	21.34	21.23		
10	64QAM	1	0	21.36	21.48	21.45	23	0
10	64QAM	1	25	21.22	21.83	21.85		
10	64QAM	1	49	21.42	21.24	21.23		
10	64QAM	25	0	20.66	20.59	20.74	22	1
10	64QAM	25	12	20.78	20.71	20.76		
10	64QAM	25	25	20.65	20.77	20.73		
10	64QAM	50	0	20.65	20.56	20.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.64	21.70	21.71	23	0
5	QPSK	1	12	21.61	21.52	21.56		
5	QPSK	1	24	21.46	21.55	21.55		
5	QPSK	12	0	21.66	21.69	21.59	23	0
5	QPSK	12	7	21.56	21.57	21.59		
5	QPSK	12	13	21.53	21.53	21.50		
5	QPSK	25	0	21.53	21.51	21.47		
5	16QAM	1	0	21.21	21.65	21.48	23	0
5	16QAM	1	12	21.45	21.51	21.73		
5	16QAM	1	24	21.48	21.20	21.77		
5	16QAM	12	0	21.05	21.09	21.23	23	0
5	16QAM	12	7	21.31	21.18	21.31		
5	16QAM	12	13	21.14	21.19	21.29		
5	16QAM	25	0	21.19	21.19	21.08		
5	64QAM	1	0	21.20	21.41	21.35	23	0
5	64QAM	1	12	21.08	21.68	21.73		
5	64QAM	1	24	21.30	21.18	21.14		
5	64QAM	12	0	20.51	20.53	20.69	22	1
5	64QAM	12	7	20.64	20.59	20.71		
5	64QAM	12	13	20.58	20.65	20.68		
5	64QAM	25	0	20.55	20.42	20.64		

Band 17_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23760	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.63	23.75	23.55	25	0
10	QPSK	1	25	23.57	23.60	23.73		
10	QPSK	1	49	23.73	23.62	23.64		
10	QPSK	25	0	22.71	22.88	22.65	24	1
10	QPSK	25	12	22.75	22.74	22.82		
10	QPSK	25	25	22.64	22.79	22.70		
10	QPSK	50	0	22.79	22.83	22.80		
10	16QAM	1	0	22.64	22.87	22.94	24	1
10	16QAM	1	25	23.21	23.04	23.10		
10	16QAM	1	49	22.73	23.23	22.82		
10	16QAM	25	0	21.74	21.80	21.67	23	2
10	16QAM	25	12	21.72	21.70	21.85		
10	16QAM	25	25	21.73	21.75	21.69		
10	16QAM	50	0	21.77	21.69	21.53		
10	64QAM	1	0	21.93	21.63	21.74	23	2
10	64QAM	1	25	21.85	22.16	21.94		
10	64QAM	1	49	21.65	22.06	22.21		
10	64QAM	25	0	20.56	20.61	20.79	22	3
10	64QAM	25	12	20.84	20.74	20.73		
10	64QAM	25	25	20.69	20.61	20.71		
10	64QAM	50	0	20.70	20.73	20.74		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.74	23.65	25	0
5	QPSK	1	12	23.69	23.69	23.70		
5	QPSK	1	24	23.58	23.68	23.69		
5	QPSK	12	0	22.68	22.73	22.72	24	1
5	QPSK	12	7	22.76	22.71	22.73		
5	QPSK	12	13	22.70	22.63	22.64		
5	QPSK	25	0	22.76	22.64	22.60		
5	16QAM	1	0	23.29	23.34	23.21	24	1
5	16QAM	1	12	23.00	23.23	23.18		
5	16QAM	1	24	22.90	23.01	22.69		
5	16QAM	12	0	21.79	21.62	21.79	23	2
5	16QAM	12	7	21.66	21.69	21.69		
5	16QAM	12	13	21.59	21.79	21.69		
5	16QAM	25	0	21.76	21.67	21.69		
5	64QAM	1	0	21.93	22.01	21.87	23	2
5	64QAM	1	12	21.89	21.71	21.97		
5	64QAM	1	24	21.74	21.83	22.10		
5	64QAM	12	0	20.69	20.71	20.77	22	3
5	64QAM	12	7	20.67	20.68	20.74		
5	64QAM	12	13	20.66	20.79	20.65		
5	64QAM	25	0	20.84	20.70	20.66		

Band 18_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		21.85		23	0
15	QPSK	1	37		21.73			
15	QPSK	1	74		21.67			
15	QPSK	36	0		21.76		23	0
15	QPSK	36	20		21.72			
15	QPSK	36	39		21.67			
15	QPSK	75	0		21.57			
15	16QAM	1	0		21.83		23	0
15	16QAM	1	37		21.84			
15	16QAM	1	74		21.82			
15	16QAM	36	0		21.79		23	0
15	16QAM	36	20		21.74			
15	16QAM	36	39		21.66			
15	16QAM	75	0		21.51			
15	64QAM	1	0		21.32		23	0
15	64QAM	1	37		21.78			
15	64QAM	1	74		21.84			
15	64QAM	36	0		20.62		22	1
15	64QAM	36	20		20.80			
15	64QAM	36	39		20.70			
15	64QAM	75	0		20.57			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	21.79	21.76	21.80	23	0
10	QPSK	1	25	21.62	21.63	21.62		
10	QPSK	1	49	21.56	21.51	21.51		
10	QPSK	25	0	21.60	21.70	21.61	23	0
10	QPSK	25	12	21.65	21.64	21.60		
10	QPSK	25	25	21.60	21.52	21.59		
10	QPSK	50	0	21.42	21.47	21.52		
10	16QAM	1	0	21.70	21.75	21.75	23	0
10	16QAM	1	25	21.68	21.75	21.78		
10	16QAM	1	49	21.76	21.77	21.66		
10	16QAM	25	0	21.70	21.67	21.67	23	0
10	16QAM	25	12	21.63	21.61	21.69		
10	16QAM	25	25	21.61	21.58	21.54		
10	16QAM	50	0	21.46	21.39	21.42		
10	64QAM	1	0	21.19	21.24	21.18	23	0
10	64QAM	1	25	21.64	21.64	21.65		
10	64QAM	1	49	21.77	21.74	21.68		
10	64QAM	25	0	20.49	20.49	20.46	22	1
10	64QAM	25	12	20.71	20.74	20.68		
10	64QAM	25	25	20.54	20.55	20.62		
10	64QAM	50	0	20.47	20.48	20.47		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	21.78	21.80	21.74	23	0
5	QPSK	1	12	21.59	21.61	21.65		
5	QPSK	1	24	21.55	21.62	21.51		
5	QPSK	12	0	21.64	21.66	21.71	23	0
5	QPSK	12	7	21.59	21.67	21.56		
5	QPSK	12	13	21.51	21.59	21.56		
5	QPSK	25	0	21.43	21.45	21.44		
5	16QAM	1	0	21.73	21.77	21.76	23	0
5	16QAM	1	12	21.77	21.68	21.72		
5	16QAM	1	24	21.77	21.77	21.70		
5	16QAM	12	0	21.68	21.65	21.65	23	0
5	16QAM	12	7	21.63	21.67	21.60		
5	16QAM	12	13	21.55	21.59	21.52		
5	16QAM	25	0	21.35	21.39	21.38		
5	64QAM	1	0	21.23	21.26	21.19	23	0
5	64QAM	1	12	21.63	21.63	21.70		
5	64QAM	1	24	21.79	21.72	21.75		
5	64QAM	12	0	20.52	20.54	20.54	22	1
5	64QAM	12	7	20.70	20.64	20.65		
5	64QAM	12	13	20.57	20.65	20.58		
5	64QAM	25	0	20.43	20.51	20.52		

Band 18_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23925				
Frequency (MHz)				822.5				
15	QPSK	1	0		22.91		24	0
15	QPSK	1	37		22.86			
15	QPSK	1	74		22.63			
15	QPSK	36	0		22.90		24	0
15	QPSK	36	20		22.83			
15	QPSK	36	39		22.76			
15	QPSK	75	0		22.81			
15	16QAM	1	0		22.62		24	0
15	16QAM	1	37		22.72			
15	16QAM	1	74		22.74			
15	16QAM	36	0		21.86		23	1
15	16QAM	36	20		21.87			
15	16QAM	36	39		21.81			
15	16QAM	75	0		21.73			
15	64QAM	1	0		22.10		23	1
15	64QAM	1	37		21.86			
15	64QAM	1	74		22.09			
15	64QAM	36	0		20.78		22	2
15	64QAM	36	20		20.79			
15	64QAM	36	39		20.77			
15	64QAM	75	0		20.73			
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	22.82	22.84	22.83	24	0
10	QPSK	1	25	22.81	22.75	22.72		
10	QPSK	1	49	22.54	22.48	22.55		
10	QPSK	25	0	22.79	22.74	22.79	24	0
10	QPSK	25	12	22.70	22.73	22.76		
10	QPSK	25	25	22.61	22.60	22.62		
10	QPSK	50	0	22.70	22.66	22.67		
10	16QAM	1	0	22.54	22.48	22.49	24	0
10	16QAM	1	25	22.65	22.67	22.59		
10	16QAM	1	49	22.69	22.69	22.60		
10	16QAM	25	0	21.81	21.80	21.76	23	1
10	16QAM	25	12	21.78	21.75	21.80		
10	16QAM	25	25	21.66	21.71	21.73		
10	16QAM	50	0	21.66	21.65	21.66		
10	64QAM	1	0	22.05	21.96	21.95	23	1
10	64QAM	1	25	21.79	21.71	21.81		
10	64QAM	1	49	21.93	21.93	21.99		
10	64QAM	25	0	20.65	20.70	20.71	22	2
10	64QAM	25	12	20.71	20.65	20.67		
10	64QAM	25	25	20.63	20.65	20.72		
10	64QAM	50	0	20.62	20.59	20.59		
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	22.79	22.82	22.78	24	0
5	QPSK	1	12	22.76	22.76	22.72		
5	QPSK	1	24	22.56	22.58	22.50		
5	QPSK	12	0	22.81	22.80	22.83	24	0
5	QPSK	12	7	22.68	22.68	22.75		
5	QPSK	12	13	22.67	22.69	22.65		
5	QPSK	25	0	22.72	22.70	22.76		
5	16QAM	1	0	22.53	22.46	22.52	24	0
5	16QAM	1	12	22.66	22.57	22.67		
5	16QAM	1	24	22.60	22.67	22.65		
5	16QAM	12	0	21.76	21.79	21.79	23	1
5	16QAM	12	7	21.71	21.80	21.77		
5	16QAM	12	13	21.70	21.72	21.73		
5	16QAM	25	0	21.59	21.57	21.57		
5	64QAM	1	0	22.02	21.97	22.00	23	1
5	64QAM	1	12	21.77	21.71	21.70		
5	64QAM	1	24	22.03	22.01	21.98		
5	64QAM	12	0	20.64	20.72	20.69	22	2
5	64QAM	12	7	20.71	20.68	20.65		
5	64QAM	12	13	20.62	20.65	20.65		
5	64QAM	25	0	20.57	20.58	20.64		

Band 19_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		21.69		23	0
15	QPSK	1	37		21.64			
15	QPSK	1	74		21.34			
15	QPSK	36	0		21.61		23	0
15	QPSK	36	20		21.58			
15	QPSK	36	39		21.57			
15	QPSK	75	0		21.68			
15	16QAM	1	0		21.62		23	0
15	16QAM	1	37		21.65			
15	16QAM	1	74		21.46			
15	16QAM	36	0		21.65		23	0
15	16QAM	36	20		21.66			
15	16QAM	36	39		21.62			
15	16QAM	75	0		21.59			
15	64QAM	1	0		21.65		23	0
15	64QAM	1	37		21.59			
15	64QAM	1	74		21.62			
15	64QAM	36	0		20.62		22	1
15	64QAM	36	20		20.61			
15	64QAM	36	39		20.65			
15	64QAM	75	0		20.61			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	21.57	21.56	21.54	23	0
10	QPSK	1	25	21.51	21.53	21.59		
10	QPSK	1	49	21.19	21.21	21.25		
10	QPSK	25	0	21.48	21.56	21.48	23	0
10	QPSK	25	12	21.42	21.47	21.43		
10	QPSK	25	25	21.51	21.46	21.44		
10	QPSK	50	0	21.55	21.56	21.62		
10	16QAM	1	0	21.48	21.53	21.48	23	0
10	16QAM	1	25	21.53	21.58	21.50		
10	16QAM	1	49	21.36	21.39	21.33		
10	16QAM	25	0	21.53	21.53	21.52	23	0
10	16QAM	25	12	21.57	21.51	21.60		
10	16QAM	25	25	21.47	21.52	21.46		
10	16QAM	50	0	21.51	21.44	21.52		
10	64QAM	1	0	21.49	21.59	21.58	23	0
10	64QAM	1	25	21.45	21.52	21.47		
10	64QAM	1	49	21.57	21.46	21.53		
10	64QAM	25	0	20.51	20.57	20.48	22	1
10	64QAM	25	12	20.54	20.47	20.47		
10	64QAM	25	25	20.51	20.59	20.59		
10	64QAM	50	0	20.48	20.52	20.51		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	21.57	21.59	21.55	23	0
5	QPSK	1	12	21.57	21.54	21.57		
5	QPSK	1	24	21.18	21.25	21.27		
5	QPSK	12	0	21.52	21.45	21.54	23	0
5	QPSK	12	7	21.44	21.50	21.50		
5	QPSK	12	13	21.47	21.50	21.42		
5	QPSK	25	0	21.62	21.63	21.63		
5	16QAM	1	0	21.51	21.53	21.49	23	0
5	16QAM	1	12	21.55	21.55	21.49		
5	16QAM	1	24	21.41	21.32	21.35		
5	16QAM	12	0	21.54	21.57	21.57	23	0
5	16QAM	12	7	21.60	21.60	21.58		
5	16QAM	12	13	21.57	21.57	21.57		
5	16QAM	25	0	21.52	21.46	21.47		
5	64QAM	1	0	21.58	21.53	21.56	23	0
5	64QAM	1	12	21.52	21.53	21.47		
5	64QAM	1	24	21.52	21.55	21.54		
5	64QAM	12	0	20.55	20.52	20.50	22	1
5	64QAM	12	7	20.48	20.46	20.54		
5	64QAM	12	13	20.54	20.58	20.60		
5	64QAM	25	0	20.52	20.55	20.56		

Band 19_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					24075			
Frequency (MHz)					837.5			
15	QPSK	1	0		22.89		24	0
15	QPSK	1	37		22.69			
15	QPSK	1	74		22.71			
15	QPSK	36	0		22.85		24	0
15	QPSK	36	20		22.68			
15	QPSK	36	39		22.80			
15	QPSK	75	0		22.73			
15	16QAM	1	0		22.83		24	0
15	16QAM	1	37		22.88			
15	16QAM	1	74		22.55			
15	16QAM	36	0		21.80		23	1
15	16QAM	36	20		21.82			
15	16QAM	36	39		21.74			
15	16QAM	75	0		21.67			
15	64QAM	1	0		22.12		23	1
15	64QAM	1	37		21.66			
15	64QAM	1	74		21.65			
15	64QAM	36	0		20.73		22	2
15	64QAM	36	20		20.66			
15	64QAM	36	39		20.84			
15	64QAM	75	0		20.71			
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	22.74	22.81	22.79	24	0
10	QPSK	1	25	22.54	22.54	22.57		
10	QPSK	1	49	22.56	22.58	22.55		
10	QPSK	25	0	22.79	22.77	22.71	24	0
10	QPSK	25	12	22.59	22.54	22.53		
10	QPSK	25	25	22.74	22.74	22.75		
10	QPSK	50	0	22.59	22.67	22.68		
10	16QAM	1	0	22.72	22.78	22.78	24	0
10	16QAM	1	25	22.75	22.76	22.83		
10	16QAM	1	49	22.50	22.43	22.48		
10	16QAM	25	0	21.70	21.64	21.64	23	1
10	16QAM	25	12	21.69	21.76	21.71		
10	16QAM	25	25	21.60	21.61	21.59		
10	16QAM	50	0	21.51	21.51	21.56		
10	64QAM	1	0	21.96	22.04	22.01	23	1
10	64QAM	1	25	21.61	21.56	21.58		
10	64QAM	1	49	21.52	21.52	21.60		
10	64QAM	25	0	20.65	20.68	20.57	22	2
10	64QAM	25	12	20.55	20.57	20.59		
10	64QAM	25	25	20.76	20.78	20.74		
10	64QAM	50	0	20.60	20.55	20.61		
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	22.81	22.82	22.84	24	0
5	QPSK	1	12	22.53	22.61	22.53		
5	QPSK	1	24	22.61	22.58	22.57		
5	QPSK	12	0	22.75	22.75	22.72	24	0
5	QPSK	12	7	22.62	22.60	22.58		
5	QPSK	12	13	22.73	22.67	22.67		
5	QPSK	25	0	22.59	22.60	22.67		
5	16QAM	1	0	22.76	22.70	22.68	24	0
5	16QAM	1	12	22.83	22.79	22.79		
5	16QAM	1	24	22.49	22.50	22.50		
5	16QAM	12	0	21.64	21.74	21.74	23	1
5	16QAM	12	7	21.75	21.67	21.73		
5	16QAM	12	13	21.67	21.59	21.68		
5	16QAM	25	0	21.55	21.51	21.51		
5	64QAM	1	0	22.05	22.06	22.06	23	1
5	64QAM	1	12	21.57	21.58	21.50		
5	64QAM	1	24	21.55	21.57	21.60		
5	64QAM	12	0	20.57	20.67	20.58	22	2
5	64QAM	12	7	20.57	20.50	20.58		
5	64QAM	12	13	20.73	20.71	20.76		
5	64QAM	25	0	20.60	20.61	20.58		

Band 26_Ant 11

BW [MHz]	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	20.67	20.86	20.66	22	0
15	QPSK	1	37	20.63	20.51	20.56		
15	QPSK	1	74	20.39	20.64	20.38		
15	QPSK	36	0	20.67	20.73	20.57	22	0
15	QPSK	36	20	20.61	20.57	20.48		
15	QPSK	36	39	20.61	20.67	20.56		
15	QPSK	75	0	20.66	20.67	20.54		
15	16QAM	1	0	20.18	20.45	20.57	22	0
15	16QAM	1	37	20.53	20.74	20.43		
15	16QAM	1	74	20.12	20.42	20.31		
15	16QAM	36	0	20.19	20.32	20.19	22	0
15	16QAM	36	20	20.29	20.24	20.19		
15	16QAM	36	39	20.32	20.36	20.24		
15	16QAM	75	0	20.34	20.23	20.16		
15	64QAM	1	0	20.10	20.36	20.24	22	0
15	64QAM	1	37	20.39	20.79	20.25		
15	64QAM	1	74	20.43	20.35	20.26		
15	64QAM	36	0	19.64	19.62	19.60	21	1
15	64QAM	36	20	19.71	19.49	19.62		
15	64QAM	36	39	19.77	19.67	19.69		
15	64QAM	75	0	19.77	19.61	19.69		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.57	20.79	20.60	22	0
10	QPSK	1	25	20.48	20.42	20.47		
10	QPSK	1	49	20.34	20.54	20.24		
10	QPSK	25	0	20.62	20.64	20.43	22	0
10	QPSK	25	12	20.48	20.45	20.35		
10	QPSK	25	25	20.53	20.58	20.49		
10	QPSK	50	0	20.58	20.55	20.46		
10	16QAM	1	0	20.09	20.29	20.41	22	0
10	16QAM	1	25	20.46	20.60	20.35		
10	16QAM	1	49	20.03	20.37	20.26		
10	16QAM	25	0	20.04	20.20	20.05	22	0
10	16QAM	25	12	20.19	20.11	20.08		
10	16QAM	25	25	20.23	20.26	20.14		
10	16QAM	50	0	20.20	20.08	20.05		
10	64QAM	1	0	20.02	20.28	20.09	22	0
10	64QAM	1	25	20.29	20.65	20.19		
10	64QAM	1	49	20.32	20.22	20.10		
10	64QAM	25	0	19.54	19.50	19.52	21	1
10	64QAM	25	12	19.62	19.36	19.53		
10	64QAM	25	25	19.72	19.57	19.53		
10	64QAM	50	0	19.70	19.53	19.63		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.62	20.78	20.60	22	0
5	QPSK	1	12	20.47	20.41	20.49		
5	QPSK	1	24	20.27	20.58	20.31		
5	QPSK	12	0	20.51	20.59	20.50	22	0
5	QPSK	12	7	20.46	20.45	20.39		
5	QPSK	12	13	20.55	20.57	20.47		
5	QPSK	25	0	20.53	20.62	20.46		
5	16QAM	1	0	20.07	20.34	20.42	22	0
5	16QAM	1	12	20.47	20.68	20.32		
5	16QAM	1	24	20.03	20.37	20.18		
5	16QAM	12	0	20.03	20.22	20.11	22	0
5	16QAM	12	7	20.23	20.17	20.13		
5	16QAM	12	13	20.26	20.28	20.18		
5	16QAM	25	0	20.26	20.08	20.04		
5	64QAM	1	0	20.03	20.30	20.15	22	0
5	64QAM	1	12	20.34	20.63	20.15		
5	64QAM	1	24	20.34	20.25	20.15		
5	64QAM	12	0	19.59	19.49	19.55	21	1
5	64QAM	12	7	19.58	19.38	19.47		
5	64QAM	12	13	19.63	19.61	19.60		
5	64QAM	25	0	19.66	19.53	19.63		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.59	20.78	20.58	22	0
3	QPSK	1	8	20.49	20.41	20.43		
3	QPSK	1	14	20.24	20.58	20.33		
3	QPSK	8	0	20.51	20.66	20.46	22	0
3	QPSK	8	4	20.45	20.42	20.41		
3	QPSK	8	7	20.54	20.59	20.49		
3	QPSK	15	0	20.56	20.57	20.43		
3	16QAM	1	0	20.12	20.39	20.46	22	0
3	16QAM	1	8	20.45	20.61	20.30		
3	16QAM	1	14	20.01	20.30	20.23		
3	16QAM	8	0	20.13	20.17	20.07	22	0
3	16QAM	8	4	20.22	20.12	20.14		
3	16QAM	8	7	20.20	20.21	20.16		
3	16QAM	15	0	20.23	20.17	20.06		
3	64QAM	1	0	20.00	20.24	20.14	22	0
3	64QAM	1	8	20.27	20.71	20.20		
3	64QAM	1	14	20.35	20.27	20.10		
3	64QAM	8	0	19.48	19.47	19.48	21	1
3	64QAM	8	4	19.55	19.35	19.53		
3	64QAM	8	7	19.61	19.60	19.60		
3	64QAM	15	0	19.63	19.45	19.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.53	20.80	20.56	22	0
1.4	QPSK	1	3	20.48	20.36	20.40		
1.4	QPSK	1	5	20.23	20.57	20.24		
1.4	QPSK	3	0	20.58	20.65	20.51		
1.4	QPSK	3	1	20.46	20.51	20.34		
1.4	QPSK	3	3	20.53	20.58	20.43		
1.4	QPSK	6	0	20.54	20.53	20.39	22	0
1.4	16QAM	1	0	20.04	20.32	20.52	22	0
1.4	16QAM	1	3	20.37	20.67	20.38		
1.4	16QAM	1	5	20.04	20.26	20.22		
1.4	16QAM	3	0	20.03	20.21	20.03		
1.4	16QAM	3	1	20.21	20.15	20.05		
1.4	16QAM	3	3	20.24	20.31	20.18		
1.4	16QAM	6	0	20.28	20.07	20.08	22	0
1.4	64QAM	1	0	20.06	20.24	20.08	22	0
1.4	64QAM	1	3	20.23	20.71	20.16		
1.4	64QAM	1	5	20.33	20.20	20.13		
1.4	64QAM	3	0	20.08	20.33	20.20		
1.4	64QAM	3	1	20.32	20.80	20.24		
1.4	64QAM	3	3	20.38	20.31	20.22		
1.4	64QAM	6	0	19.72	19.45	19.53	21	1

Band 26_Ant 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.80	22.86	22.75	24	0
15	QPSK	1	37	22.67	22.74	22.64		
15	QPSK	1	74	22.77	22.40	22.56		
15	QPSK	36	0	21.78	21.86	21.76	23	1
15	QPSK	36	20	21.77	21.76	21.58		
15	QPSK	36	39	21.64	21.75	21.68		
15	QPSK	75	0	21.80	21.83	21.71		
15	16QAM	1	0	22.13	21.94	22.15	23	1
15	16QAM	1	37	21.99	21.76	21.88		
15	16QAM	1	74	22.03	21.63	22.23		
15	16QAM	36	0	20.65	20.80	20.73	22	2
15	16QAM	36	20	20.82	20.69	20.64		
15	16QAM	36	39	20.76	20.87	20.78		
15	16QAM	75	0	20.84	20.65	20.79		
15	64QAM	1	0	20.72	20.70	21.11	22	2
15	64QAM	1	37	21.11	20.90	20.81		
15	64QAM	1	74	20.79	20.70	20.94		
15	64QAM	36	0	19.70	19.79	19.65	21	3
15	64QAM	36	20	19.86	19.67	19.68		
15	64QAM	36	39	19.83	19.81	19.62		
15	64QAM	75	0	19.87	19.73	19.73		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.61	22.75	22.61	24	0
10	QPSK	1	25	22.80	22.79	22.80		
10	QPSK	1	49	22.68	22.79	22.55		
10	QPSK	25	0	21.79	21.89	21.80	23	1
10	QPSK	25	12	21.88	21.88	21.78		
10	QPSK	25	25	21.94	21.92	21.83		
10	QPSK	50	0	21.83	21.90	21.82		
10	16QAM	1	0	22.63	22.31	22.36	23	1
10	16QAM	1	25	22.26	22.48	22.35		
10	16QAM	1	49	22.32	22.31	22.19		
10	16QAM	25	0	20.85	20.86	20.81	22	2
10	16QAM	25	12	20.97	20.96	20.80		
10	16QAM	25	25	20.97	20.85	20.89		
10	16QAM	50	0	20.97	20.91	20.82		
10	64QAM	1	0	21.14	21.29	21.32	22	2
10	64QAM	1	25	20.94	20.93	20.76		
10	64QAM	1	49	20.95	21.01	20.92		
10	64QAM	25	0	19.82	19.87	19.78	21	3
10	64QAM	25	12	19.95	19.94	19.83		
10	64QAM	25	25	19.80	19.99	19.85		
10	64QAM	50	0	19.83	19.84	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.58	22.71	22.76	24	0
5	QPSK	1	12	22.74	22.79	22.64		
5	QPSK	1	24	22.60	22.75	22.66		
5	QPSK	12	0	21.72	21.85	21.74	23	1
5	QPSK	12	7	21.83	21.83	21.81		
5	QPSK	12	13	21.90	21.87	21.80		
5	QPSK	25	0	21.80	21.78	21.76		
5	16QAM	1	0	22.37	22.44	22.35	23	1
5	16QAM	1	12	22.16	22.08	22.26		
5	16QAM	1	24	22.15	22.46	22.29		
5	16QAM	12	0	20.87	20.84	20.85	22	2
5	16QAM	12	7	20.92	20.90	20.84		
5	16QAM	12	13	20.89	20.88	20.88		
5	16QAM	25	0	20.93	20.71	20.80		
5	64QAM	1	0	21.08	21.02	21.03	22	2
5	64QAM	1	12	21.06	21.16	21.05		
5	64QAM	1	24	21.09	20.87	21.28		
5	64QAM	12	0	19.82	19.93	19.74	21	3
5	64QAM	12	7	19.92	20.00	19.91		
5	64QAM	12	13	19.80	19.90	19.91		
5	64QAM	25	0	19.96	19.76	19.91		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.59	22.62	24	0
3	QPSK	1	8	22.75	22.76	22.55		
3	QPSK	1	14	22.62	22.68	22.55		
3	QPSK	8	0	21.75	21.79	21.65	23	1
3	QPSK	8	4	21.95	21.94	21.80		
3	QPSK	8	7	21.87	21.89	21.81		
3	QPSK	15	0	21.79	21.79	21.80		
3	16QAM	1	0	21.74	22.21	21.92	23	1
3	16QAM	1	8	22.06	22.20	21.84		
3	16QAM	1	14	22.33	22.08	21.82		
3	16QAM	8	0	20.75	20.74	20.80	22	2
3	16QAM	8	4	21.08	20.91	20.95		
3	16QAM	8	7	20.92	20.98	20.90		
3	16QAM	15	0	20.83	20.97	20.85		
3	64QAM	1	0	20.75	20.92	20.92	22	2
3	64QAM	1	8	21.06	20.71	20.93		
3	64QAM	1	14	20.71	20.87	20.74		
3	64QAM	8	0	19.80	19.89	19.64	21	3
3	64QAM	8	4	20.00	20.04	19.80		
3	64QAM	8	7	19.97	19.89	19.76		
3	64QAM	15	0	19.88	19.81	19.67		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.82	22.58	24	0
1.4	QPSK	1	3	22.71	22.80	22.63		
1.4	QPSK	1	5	22.74	22.76	22.64		
1.4	QPSK	3	0	22.65	22.69	22.67		
1.4	QPSK	3	1	22.76	22.75	22.60		
1.4	QPSK	3	3	22.68	22.76	22.62		
1.4	QPSK	6	0	21.86	21.82	21.76	23	1
1.4	16QAM	1	0	22.42	21.95	22.27	23	1
1.4	16QAM	1	3	22.21	22.45	22.15		
1.4	16QAM	1	5	22.08	22.17	22.15		
1.4	16QAM	3	0	21.86	22.00	22.00		
1.4	16QAM	3	1	22.06	21.97	22.02		
1.4	16QAM	3	3	22.26	22.02	21.90		
1.4	16QAM	6	0	20.68	20.97	20.81	22	2
1.4	64QAM	1	0	21.03	21.01	20.87	22	2
1.4	64QAM	1	3	20.77	21.10	21.12		
1.4	64QAM	1	5	21.15	21.02	20.56		
1.4	64QAM	3	0	20.96	20.86	20.67		
1.4	64QAM	3	1	20.90	20.79	21.07		
1.4	64QAM	3	3	20.94	20.95	20.73		
1.4	64QAM	6	0	19.94	20.04	19.85	21	3

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.73	15.88	15.29	16.5	0
20	QPSK	1	49	15.55	15.44	15.16		
20	QPSK	1	99	15.36	15.23	15.28		
20	QPSK	50	0	15.61	15.63	15.25	16.5	0
20	QPSK	50	24	15.59	15.31	15.22		
20	QPSK	50	50	15.54	15.36	15.14		
20	QPSK	100	0	15.55	15.62	15.22		
20	16QAM	1	0	15.62	15.57	15.67	16.5	0
20	16QAM	1	49	15.68	15.55	15.27		
20	16QAM	1	99	15.52	15.14	15.20		
20	16QAM	50	0	15.35	15.16	15.04	16.5	0
20	16QAM	50	24	15.46	15.26	15.14		
20	16QAM	50	50	15.30	15.15	15.00		
20	16QAM	100	0	15.39	15.18	15.04		
20	64QAM	1	0	15.75	15.10	15.54	16.5	0
20	64QAM	1	49	15.68	15.69	15.31		
20	64QAM	1	99	15.40	15.02	15.29		
20	64QAM	50	0	15.35	15.20	15.07	16.5	0
20	64QAM	50	24	15.45	15.33	15.12		
20	64QAM	50	50	15.40	15.22	15.11		
20	64QAM	100	0	15.47	15.18	15.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.60	15.72	15.13	16.5	0
15	QPSK	1	37	15.47	15.34	15.02		
15	QPSK	1	74	15.28	15.18	15.21		
15	QPSK	36	0	15.46	15.51	15.10	16.5	0
15	QPSK	36	20	15.44	15.26	15.09		
15	QPSK	36	39	15.45	15.20	15.01		
15	QPSK	75	0	15.39	15.54	15.07		
15	16QAM	1	0	15.68	15.62	15.81	16.5	0
15	16QAM	1	37	15.77	15.66	15.34		
15	16QAM	1	74	15.57	15.21	15.32		
15	16QAM	36	0	15.50	15.31	15.17	16.5	0
15	16QAM	36	20	15.58	15.36	15.26		
15	16QAM	36	39	15.37	15.31	15.05		
15	16QAM	75	0	15.44	15.28	15.20		
15	64QAM	1	0	15.70	15.20	15.62	16.5	0
15	64QAM	1	37	15.82	15.80	15.41		
15	64QAM	1	74	15.49	15.13	15.43		
15	64QAM	36	0	15.50	15.31	15.16	16.5	0
15	64QAM	36	20	15.53	15.40	15.19		
15	64QAM	36	39	15.54	15.37	15.18		
15	64QAM	75	0	15.61	15.30	15.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.59	15.71	15.16	16.5	0
10	QPSK	1	25	15.39	15.28	15.11		
10	QPSK	1	49	15.27	15.09	15.13		
10	QPSK	25	0	15.52	15.48	15.17	16.5	0
10	QPSK	25	12	15.47	15.26	15.06		
10	QPSK	25	25	15.47	15.20	15.05		
10	QPSK	50	0	15.40	15.52	15.15		
10	16QAM	1	0	15.76	15.67	15.76	16.5	0
10	16QAM	1	25	15.79	15.66	15.33		
10	16QAM	1	49	15.62	15.23	15.27		
10	16QAM	25	0	15.47	15.28	15.14	16.5	0
10	16QAM	25	12	15.61	15.35	15.27		
10	16QAM	25	25	15.41	15.27	15.11		
10	16QAM	50	0	15.55	15.25	15.15		
10	64QAM	1	0	15.86	15.22	15.63	16.5	0
10	64QAM	1	25	15.79	15.76	15.47		
10	64QAM	1	49	15.56	15.09	15.35		
10	64QAM	25	0	15.43	15.34	15.20	16.5	0
10	64QAM	25	12	15.53	15.49	15.28		
10	64QAM	25	25	15.47	15.34	15.16		
10	64QAM	50	0	15.61	15.23	15.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.67	15.70	15.23	16.5	0
5	QPSK	1	12	15.49	15.35	15.01		
5	QPSK	1	24	15.20	15.12	15.13		
5	QPSK	12	0	15.54	15.57	15.18	16.5	0
5	QPSK	12	7	15.50	15.25	15.06		
5	QPSK	12	13	15.45	15.28	15.02		
5	QPSK	25	0	15.43	15.52	15.10		
5	16QAM	1	0	15.72	15.67	15.75	16.5	0
5	16QAM	1	12	15.81	15.62	15.43		
5	16QAM	1	24	15.61	15.23	15.34		
5	16QAM	12	0	15.46	15.32	15.11	16.5	0
5	16QAM	12	7	15.56	15.31	15.22		
5	16QAM	12	13	15.46	15.21	15.14		
5	16QAM	25	0	15.49	15.33	15.11		
5	64QAM	1	0	15.79	15.20	15.62	16.5	0
5	64QAM	1	12	15.82	15.76	15.46		
5	64QAM	1	24	15.51	15.07	15.36		
5	64QAM	12	0	15.43	15.32	15.13	16.5	0
5	64QAM	12	7	15.51	15.41	15.21		
5	64QAM	12	13	15.47	15.31	15.27		
5	64QAM	25	0	15.58	15.24	15.24		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.63	15.71	15.22	16.5	0
3	QPSK	1	8	15.43	15.35	15.02		
3	QPSK	1	14	15.27	15.12	15.19		
3	QPSK	8	0	15.51	15.48	15.09	16.5	0
3	QPSK	8	4	15.50	15.16	15.07		
3	QPSK	8	7	15.44	15.24	15.00		
3	QPSK	15	0	15.45	15.55	15.16		
3	16QAM	1	0	15.71	15.69	15.79	16.5	0
3	16QAM	1	8	15.78	15.64	15.35		
3	16QAM	1	14	15.58	15.30	15.30		
3	16QAM	8	0	15.49	15.22	15.18	16.5	0
3	16QAM	8	4	15.56	15.42	15.25		
3	16QAM	8	7	15.44	15.28	15.06		
3	16QAM	15	0	15.51	15.25	15.17		
3	64QAM	1	0	15.81	15.22	15.68	16.5	0
3	64QAM	1	8	15.75	15.77	15.37		
3	64QAM	1	14	15.52	15.12	15.44		
3	64QAM	8	0	15.45	15.36	15.19	16.5	0
3	64QAM	8	4	15.57	15.38	15.27		
3	64QAM	8	7	15.54	15.30	15.25		
3	64QAM	15	0	15.61	15.32	15.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.67	15.68	15.15	16.5	0
1.4	QPSK	1	3	15.44	15.36	15.08		
1.4	QPSK	1	5	15.22	15.18	15.22		
1.4	QPSK	3	0	15.55	15.47	15.15		
1.4	QPSK	3	1	15.48	15.20	15.11		
1.4	QPSK	3	3	15.42	15.21	15.03		
1.4	QPSK	6	0	15.39	15.47	15.09	16.5	0
1.4	16QAM	1	0	15.67	15.64	15.79	16.5	0
1.4	16QAM	1	3	15.74	15.65	15.36		
1.4	16QAM	1	5	15.65	15.25	15.27		
1.4	16QAM	3	0	15.49	15.25	15.16		
1.4	16QAM	3	1	15.57	15.39	15.28		
1.4	16QAM	3	3	15.35	15.24	15.08		
1.4	16QAM	6	0	15.49	15.23	15.11	16.5	0
1.4	64QAM	1	0	15.78	15.18	15.65	16.5	0
1.4	64QAM	1	3	15.77	15.74	15.39		
1.4	64QAM	1	5	15.46	15.17	15.37		
1.4	64QAM	3	0	15.49	15.29	15.22		
1.4	64QAM	3	1	15.59	15.47	15.23		
1.4	64QAM	3	3	15.50	15.32	15.23		
1.4	64QAM	6	0	15.52	15.28	15.22	16.5	0

Band 66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.28	19.39	19.16	20	0
20	QPSK	1	49	19.26	18.98	19.14		
20	QPSK	1	99	19.02	19.04	18.96		
20	QPSK	50	0	19.18	19.25	19.24	20	0
20	QPSK	50	24	19.12	19.15	19.23		
20	QPSK	50	50	19.10	19.14	19.08		
20	QPSK	100	0	19.18	19.19	19.16		
20	16QAM	1	0	19.28	18.89	19.08	20	0
20	16QAM	1	49	18.13	19.38	19.21		
20	16QAM	1	99	19.15	18.84	18.81		
20	16QAM	50	0	18.78	18.86	18.70	20	0
20	16QAM	50	24	18.86	18.79	18.74		
20	16QAM	50	50	18.66	18.79	18.76		
20	16QAM	100	0	18.82	18.65	18.77		
20	64QAM	1	0	19.21	18.86	19.22	20	0
20	64QAM	1	49	18.60	18.29	18.67		
20	64QAM	1	99	18.64	19.28	19.19		
20	64QAM	50	0	18.75	18.79	18.60	20	0
20	64QAM	50	24	18.86	18.80	18.80		
20	64QAM	50	50	18.71	18.70	18.74		
20	64QAM	100	0	18.70	18.76	18.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.13	19.26	19.07	20	0
15	QPSK	1	37	19.14	18.93	19.06		
15	QPSK	1	74	18.86	18.96	18.87		
15	QPSK	36	0	19.10	19.17	19.13	20	0
15	QPSK	36	20	19.05	19.04	19.17		
15	QPSK	36	39	18.98	19.06	18.98		
15	QPSK	75	0	19.10	19.08	19.00		
15	16QAM	1	0	19.19	18.75	19.02	20	0
15	16QAM	1	37	18.00	19.27	19.16		
15	16QAM	1	74	19.04	18.48	18.69		
15	16QAM	36	0	18.68	18.74	18.61	20	0
15	16QAM	36	20	18.71	18.66	18.60		
15	16QAM	36	39	18.53	18.74	18.71		
15	16QAM	75	0	18.69	18.49	18.72		
15	64QAM	1	0	19.12	18.74	19.15	20	0
15	64QAM	1	37	18.45	18.13	18.51		
15	64QAM	1	74	18.59	19.17	19.12		
15	64QAM	36	0	18.68	18.68	18.44	20	0
15	64QAM	36	20	18.78	18.64	18.74		
15	64QAM	36	39	18.59	18.65	18.61		
15	64QAM	75	0	18.63	18.64	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.19	19.24	19.03	20	0
10	QPSK	1	25	19.19	18.84	19.06		
10	QPSK	1	49	18.94	18.98	18.80		
10	QPSK	25	0	19.09	19.19	19.19	20	0
10	QPSK	25	12	18.99	19.10	19.09		
10	QPSK	25	25	19.04	19.07	18.97		
10	QPSK	50	0	19.05	19.04	19.06		
10	16QAM	1	0	19.13	18.81	18.93	20	0
10	16QAM	1	25	18.00	19.23	19.05		
10	16QAM	1	49	19.04	18.52	18.66		
10	16QAM	25	0	18.62	18.75	18.63	20	0
10	16QAM	25	12	18.78	18.67	18.68		
10	16QAM	25	25	18.57	18.66	18.62		
10	16QAM	50	0	18.74	18.54	18.65		
10	64QAM	1	0	19.11	18.76	19.16	20	0
10	64QAM	1	25	18.55	18.21	18.57		
10	64QAM	1	49	18.53	19.21	19.12		
10	64QAM	25	0	18.67	18.64	18.54	20	0
10	64QAM	25	12	18.78	18.72	18.69		
10	64QAM	25	25	18.66	18.54	18.69		
10	64QAM	50	0	18.61	18.62	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.12	19.26	19.03	20	0
5	QPSK	1	12	19.11	18.85	19.02		
5	QPSK	1	24	18.87	18.93	18.90		
5	QPSK	12	0	19.11	19.13	19.12	20	0
5	QPSK	12	7	18.99	19.06	19.08		
5	QPSK	12	13	18.99	19.04	18.99		
5	QPSK	25	0	19.09	19.06	19.03		
5	16QAM	1	0	19.23	18.75	18.95	20	0
5	16QAM	1	12	18.23	19.23	19.11		
5	16QAM	1	24	19.00	18.53	18.72		
5	16QAM	12	0	18.68	18.70	18.59	20	0
5	16QAM	12	7	18.78	18.66	18.66		
5	16QAM	12	13	18.57	18.66	18.66		
5	16QAM	25	0	18.67	18.56	18.71		
5	64QAM	1	0	19.06	18.75	19.15	20	0
5	64QAM	1	12	18.47	18.23	18.58		
5	64QAM	1	24	18.56	19.19	19.09		
5	64QAM	12	0	18.65	18.65	18.55	20	0
5	64QAM	12	7	18.72	18.70	18.69		
5	64QAM	12	13	18.64	18.57	18.69		
5	64QAM	25	0	18.54	18.65	18.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.13	19.23	19.10	20	0
3	QPSK	1	8	19.21	18.84	19.08		
3	QPSK	1	14	18.90	18.90	18.80		
3	QPSK	8	0	19.07	19.13	19.09	20	0
3	QPSK	8	4	18.99	19.00	19.08		
3	QPSK	8	7	18.98	19.06	19.01		
3	QPSK	15	0	19.03	19.03	19.00		
3	16QAM	1	0	19.15	18.76	18.99	20	0
3	16QAM	1	8	18.03	19.26	19.07		
3	16QAM	1	14	19.08	18.53	18.66		
3	16QAM	8	0	18.69	18.71	18.58	20	0
3	16QAM	8	4	18.76	18.68	18.60		
3	16QAM	8	7	18.58	18.73	18.71		
3	16QAM	15	0	18.73	18.51	18.70		
3	64QAM	1	0	19.16	18.79	19.12	20	0
3	64QAM	1	8	18.53	18.13	18.55		
3	64QAM	1	14	18.56	19.17	19.06		
3	64QAM	8	0	18.60	18.63	18.49	20	0
3	64QAM	8	4	18.79	18.75	18.66		
3	64QAM	8	7	18.58	18.55	18.66		
3	64QAM	15	0	18.61	18.60	18.53		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.16	19.30	19.04	20	0
1.4	QPSK	1	3	19.21	18.85	19.07		
1.4	QPSK	1	5	18.95	18.99	18.87		
1.4	QPSK	3	0	19.10	19.09	19.15		
1.4	QPSK	3	1	18.98	19.09	19.15		
1.4	QPSK	3	3	19.00	18.99	18.95		
1.4	QPSK	6	0	19.07	19.12	19.10	20	0
1.4	16QAM	1	0	19.23	18.77	18.94	20	0
1.4	16QAM	1	3	18.06	19.27	19.06		
1.4	16QAM	1	5	19.07	18.52	18.73		
1.4	16QAM	3	0	18.65	18.81	18.63		
1.4	16QAM	3	1	18.77	18.74	18.64		
1.4	16QAM	3	3	18.51	18.68	18.61		
1.4	16QAM	6	0	18.68	18.58	18.61	20	0
1.4	64QAM	1	0	19.14	18.74	19.10	20	0
1.4	64QAM	1	3	18.49	18.18	18.52		
1.4	64QAM	1	5	18.58	19.20	19.10		
1.4	64QAM	3	0	18.68	18.84	18.54		
1.4	64QAM	3	1	18.81	18.71	18.65		
1.4	64QAM	3	3	18.63	18.63	18.60		
1.4	64QAM	6	0	18.54	18.66	18.51	20	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.41	17.48	17.23	18.5	0
20	QPSK	1	49	17.34	17.16	17.12		
20	QPSK	1	99	17.17	17.24	17.22		
20	QPSK	50	0	17.43	17.45	17.13	18.5	0
20	QPSK	50	24	17.42	17.18	17.05		
20	QPSK	50	50	17.32	17.11	17.10		
20	QPSK	100	0	17.34	17.35	17.07		
20	16QAM	1	0	17.01	17.41	16.83	18.5	0
20	16QAM	1	49	17.41	17.38	16.87		
20	16QAM	1	99	17.19	16.80	17.33		
20	16QAM	50	0	16.95	16.91	16.52	18.5	0
20	16QAM	50	24	17.08	16.89	16.69		
20	16QAM	50	50	16.97	16.72	16.66		
20	16QAM	100	0	17.02	16.86	16.67		
20	64QAM	1	0	17.13	17.36	16.98	18.5	0
20	64QAM	1	49	16.95	16.76	16.96		
20	64QAM	1	99	17.12	16.53	16.58		
20	64QAM	50	0	17.17	16.95	16.64	18.5	0
20	64QAM	50	24	17.07	16.88	16.68		
20	64QAM	50	50	16.97	16.84	16.61		
20	64QAM	100	0	16.96	16.87	16.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.35	17.41	17.09	18.5	0
15	QPSK	1	37	17.24	17.09	17.04		
15	QPSK	1	74	17.01	17.18	17.09		
15	QPSK	36	0	17.27	17.40	17.07	18.5	0
15	QPSK	36	20	17.29	17.11	16.98		
15	QPSK	36	39	17.27	16.98	16.96		
15	QPSK	75	0	17.28	17.26	17.02		
15	16QAM	1	0	16.87	17.26	16.78	18.5	0
15	16QAM	1	37	17.27	17.33	16.80		
15	16QAM	1	74	17.14	16.71	17.27		
15	16QAM	36	0	16.77	17.17	16.65	18.5	0
15	16QAM	36	20	17.19	17.18	16.70		
15	16QAM	36	39	16.99	16.64	17.17		
15	16QAM	75	0	16.90	16.80	16.56		
15	64QAM	1	0	16.76	17.19	16.58	18.5	0
15	64QAM	1	37	17.10	17.15	16.61		
15	64QAM	1	74	16.95	16.60	17.15		
15	64QAM	36	0	17.09	16.83	16.55	18.5	0
15	64QAM	36	20	16.77	17.19	16.66		
15	64QAM	36	39	17.15	17.14	16.61		
15	64QAM	75	0	17.06	16.66	17.15		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.27	17.40	17.09	18.5	0
10	QPSK	1	25	17.29	17.05	17.05		
10	QPSK	1	49	17.10	17.18	17.15		
10	QPSK	25	0	17.33	17.38	17.04	18.5	0
10	QPSK	25	12	17.33	17.13	16.89		
10	QPSK	25	25	17.25	16.95	17.03		
10	QPSK	50	0	17.28	17.27	16.94		
10	16QAM	1	0	16.85	17.36	16.68	18.5	0
10	16QAM	1	25	17.30	17.31	16.75		
10	16QAM	1	49	17.03	16.72	17.28		
10	16QAM	25	0	16.83	17.19	16.56	18.5	0
10	16QAM	25	12	17.18	17.18	16.67		
10	16QAM	25	25	16.99	16.65	17.15		
10	16QAM	50	0	16.94	16.76	16.52		
10	64QAM	1	0	16.82	17.20	16.58	18.5	0
10	64QAM	1	25	17.19	17.22	16.69		
10	64QAM	1	49	17.02	16.59	17.18		
10	64QAM	25	0	17.03	16.85	16.52	18.5	0
10	64QAM	25	12	16.77	17.22	16.61		
10	64QAM	25	25	17.09	17.15	16.67		
10	64QAM	50	0	16.99	16.59	17.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.42	17.15	18.5	0
5	QPSK	1	12	17.21	17.02	17.05		
5	QPSK	1	24	17.05	17.17	17.17		
5	QPSK	12	0	17.28	17.40	17.05	18.5	0
5	QPSK	12	7	17.32	17.04	17.00		
5	QPSK	12	13	17.17	16.96	17.01		
5	QPSK	25	0	17.28	17.29	16.93		
5	16QAM	1	0	16.85	17.28	16.75	18.5	0
5	16QAM	1	12	17.36	17.32	16.71		
5	16QAM	1	24	17.05	16.74	17.24		
5	16QAM	12	0	16.79	17.16	16.59	18.5	0
5	16QAM	12	7	17.09	17.22	16.68		
5	16QAM	12	13	17.06	16.62	17.14		
5	16QAM	25	0	16.95	16.73	16.51		
5	64QAM	1	0	16.79	17.16	16.61	18.5	0
5	64QAM	1	12	17.10	17.20	16.69		
5	64QAM	1	24	17.03	16.66	17.18		
5	64QAM	12	0	17.03	16.88	16.50	18.5	0
5	64QAM	12	7	17.02	16.81	16.55		
5	64QAM	12	13	16.81	16.78	16.53		
5	64QAM	25	0	16.86	16.82	16.63		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.36	17.41	17.18	18.5	0
3	QPSK	1	8	17.19	17.08	17.06		
3	QPSK	1	14	17.11	17.11	17.06		
3	QPSK	8	0	17.29	17.40	16.99	18.5	0
3	QPSK	8	4	17.31	17.09	17.00		
3	QPSK	8	7	17.25	17.06	17.04		
3	QPSK	15	0	17.26	17.26	16.97		
3	16QAM	1	0	16.89	17.28	16.73	18.5	0
3	16QAM	1	8	17.31	17.26	16.73		
3	16QAM	1	14	17.11	16.74	17.24		
3	16QAM	8	0	16.79	17.21	16.63	18.5	0
3	16QAM	8	4	17.14	17.20	16.72		
3	16QAM	8	7	17.01	16.60	17.18		
3	16QAM	15	0	16.94	16.70	16.59		
3	64QAM	1	0	17.07	17.29	16.91	18.5	0
3	64QAM	1	8	16.89	16.71	16.89		
3	64QAM	1	14	16.76	17.17	16.66		
3	64QAM	8	0	17.09	17.23	16.72	18.5	0
3	64QAM	8	4	17.06	16.66	17.15		
3	64QAM	8	7	16.90	16.69	16.54		
3	64QAM	15	0	16.80	16.78	16.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.27	17.38	17.13	18.5	0
1.4	QPSK	1	3	17.18	17.11	16.97		
1.4	QPSK	1	5	17.06	17.14	17.16		
1.4	QPSK	3	0	17.34	17.37	17.03		
1.4	QPSK	3	1	17.37	17.07	17.00		
1.4	QPSK	3	3	17.20	17.03	16.98		
1.4	QPSK	6	0	17.28	17.28	16.96	18.5	0
1.4	16QAM	1	0	16.92	17.27	16.71	18.5	0
1.4	16QAM	1	3	17.25	17.30	16.77		
1.4	16QAM	1	5	17.11	16.74	17.27		
1.4	16QAM	3	0	16.79	17.13	16.55		
1.4	16QAM	3	1	17.19	17.21	16.61		
1.4	16QAM	3	3	16.96	16.61	17.13		
1.4	16QAM	6	0	16.95	16.77	16.56	18.5	0
1.4	64QAM	1	0	17.02	17.25	16.93	18.5	0
1.4	64QAM	1	3	16.88	16.66	16.89		
1.4	64QAM	1	5	16.86	17.21	16.56		
1.4	64QAM	3	0	17.13	17.15	16.62		
1.4	64QAM	3	1	16.95	16.60	17.15		
1.4	64QAM	3	3	16.89	16.68	16.52		
1.4	64QAM	6	0	16.89	16.76	16.61	18.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.44	20.52	20.49	21.2	0
20	QPSK	1	49	20.40	20.29	20.48		
20	QPSK	1	99	20.36	20.33	20.15		
20	QPSK	50	0	20.48	20.49	20.39	21.2	0
20	QPSK	50	24	20.24	20.34	20.32		
20	QPSK	50	50	20.39	20.33	20.34		
20	QPSK	100	0	20.45	20.46	20.33		
20	16QAM	1	0	20.03	20.03	20.06	21.2	0
20	16QAM	1	49	20.02	19.87	19.99		
20	16QAM	1	99	20.22	20.18	19.96		
20	16QAM	50	0	20.32	20.39	20.39	21.2	0
20	16QAM	50	24	20.31	19.99	20.22		
20	16QAM	50	50	19.99	19.93	19.99		
20	16QAM	100	0	19.96	19.92	20.05		
20	64QAM	1	0	20.05	20.03	20.00	21.2	0
20	64QAM	1	49	19.99	19.80	19.99		
20	64QAM	1	99	19.88	20.16	20.17		
20	64QAM	50	0	20.26	20.22	20.19	21.2	0
20	64QAM	50	24	20.16	20.22	20.36		
20	64QAM	50	50	19.97	19.85	19.92		
20	64QAM	100	0	20.04	20.00	19.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.35	20.46	20.37	21.2	0
15	QPSK	1	37	20.31	20.15	20.38		
15	QPSK	1	74	20.28	20.19	20.06		
15	QPSK	36	0	20.33	20.33	20.23	21.2	0
15	QPSK	36	20	20.08	20.26	20.16		
15	QPSK	36	39	20.25	20.21	20.22		
15	QPSK	75	0	20.30	20.32	20.25		
15	16QAM	1	0	19.88	19.92	19.90	21.2	0
15	16QAM	1	37	19.97	19.75	19.84		
15	16QAM	1	74	20.13	20.13	19.81		
15	16QAM	36	0	20.16	20.25	20.34	21.2	0
15	16QAM	36	20	20.21	19.86	20.15		
15	16QAM	36	39	19.90	19.88	19.89		
15	16QAM	75	0	19.90	19.83	19.94		
15	64QAM	1	0	19.94	19.87	19.85	21.2	0
15	64QAM	1	37	19.85	19.72	19.93		
15	64QAM	1	74	19.82	20.08	20.11		
15	64QAM	36	0	20.15	20.11	20.12	21.2	0
15	64QAM	36	20	20.04	20.17	20.28		
15	64QAM	36	39	19.89	19.69	19.84		
15	64QAM	75	0	19.95	19.88	19.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.32	20.38	20.34	21.2	0
10	QPSK	1	25	20.29	20.13	20.43		
10	QPSK	1	49	20.22	20.19	20.01		
10	QPSK	25	0	20.41	20.44	20.26	21.2	0
10	QPSK	25	12	20.13	20.26	20.24		
10	QPSK	25	25	20.26	20.24	20.26		
10	QPSK	50	0	20.32	20.39	20.20		
10	16QAM	1	0	19.88	19.92	19.93	21.2	0
10	16QAM	1	25	19.94	19.74	19.87		
10	16QAM	1	49	20.16	20.06	19.89		
10	16QAM	25	0	20.16	20.29	20.33	21.2	0
10	16QAM	25	12	20.24	19.87	20.10		
10	16QAM	25	25	19.86	19.78	19.87		
10	16QAM	50	0	19.90	19.83	19.98		
10	64QAM	1	0	19.89	19.97	19.93	21.2	0
10	64QAM	1	25	19.84	19.64	19.86		
10	64QAM	1	49	19.81	20.02	20.02		
10	64QAM	25	0	20.14	20.10	20.05	21.2	0
10	64QAM	25	12	20.05	20.11	20.27		
10	64QAM	25	25	19.82	19.77	19.81		
10	64QAM	50	0	19.94	19.87	19.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.37	20.46	20.39	21.2	0
5	QPSK	1	12	20.24	20.15	20.38		
5	QPSK	1	24	20.27	20.21	20.06		
5	QPSK	12	0	20.33	20.35	20.24	21.2	0
5	QPSK	12	7	20.13	20.24	20.21		
5	QPSK	12	13	20.31	20.24	20.18		
5	QPSK	25	0	20.32	20.41	20.25		
5	16QAM	1	0	19.95	19.89	19.96	21.2	0
5	16QAM	1	12	19.97	19.81	19.84		
5	16QAM	1	24	20.10	20.05	19.86		
5	16QAM	12	0	20.25	20.30	20.30	21.2	0
5	16QAM	12	7	20.26	19.92	20.13		
5	16QAM	12	13	19.85	19.79	19.84		
5	16QAM	25	0	19.83	19.86	19.97		
5	64QAM	1	0	19.96	19.91	19.88	21.2	0
5	64QAM	1	12	19.93	19.65	19.84		
5	64QAM	1	24	19.80	20.02	20.03		
5	64QAM	12	0	20.18	20.12	20.03	21.2	0
5	64QAM	12	7	20.04	20.13	20.25		
5	64QAM	12	13	19.81	19.78	19.76		
5	64QAM	25	0	19.97	19.84	19.86		

Band 38_Ant 31

BW [MHz]	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	21.51	21.53	21.45	22	0
20	QPSK	1	49	21.37	21.20	21.35		
20	QPSK	1	99	21.28	21.24	21.36		
20	QPSK	50	0	21.35	21.39	21.36	22	0
20	QPSK	50	24	21.34	21.22	21.24		
20	QPSK	50	50	21.33	21.30	21.30		
20	QPSK	100	0	21.29	21.34	21.25		
20	16QAM	1	0	21.24	21.01	21.03	22	0
20	16QAM	1	49	21.21	21.31	21.22		
20	16QAM	1	99	21.35	21.09	21.15		
20	16QAM	50	0	20.73	20.71	20.85	22	0
20	16QAM	50	24	20.89	20.84	20.97		
20	16QAM	50	50	20.80	20.96	20.94		
20	16QAM	100	0	20.88	20.90	21.02		
20	64QAM	1	0	20.96	21.11	20.73	22	0
20	64QAM	1	49	21.01	21.18	21.20		
20	64QAM	1	99	21.46	21.46	21.29		
20	64QAM	50	0	20.65	20.79	20.82	22	0
20	64QAM	50	24	20.89	20.75	20.91		
20	64QAM	50	50	20.88	20.91	20.90		
20	64QAM	100	0	20.86	20.75	20.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.37	21.35	22	0
15	QPSK	1	37	21.32	21.14	21.23		
15	QPSK	1	74	21.16	21.18	21.31		
15	QPSK	36	0	21.19	21.29	21.29	22	0
15	QPSK	36	20	21.21	21.16	21.18		
15	QPSK	36	39	21.26	21.20	21.14		
15	QPSK	75	0	21.15	21.28	21.20		
15	16QAM	1	0	21.08	20.96	20.91	22	0
15	16QAM	1	37	21.05	21.16	21.17		
15	16QAM	1	74	21.21	20.99	21.10		
15	16QAM	36	0	20.58	20.59	20.70	22	0
15	16QAM	36	20	20.75	20.69	20.90		
15	16QAM	36	39	20.70	20.80	20.81		
15	16QAM	75	0	20.72	20.76	20.93		
15	64QAM	1	0	20.81	20.97	20.65	22	0
15	64QAM	1	37	20.85	21.08	21.04		
15	64QAM	1	74	21.37	21.35	21.18		
15	64QAM	36	0	20.49	20.68	20.67	22	0
15	64QAM	36	20	20.73	20.67	20.86		
15	64QAM	36	39	20.74	20.80	20.75		
15	64QAM	75	0	20.75	20.61	20.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.43	21.37	21.40	22	0
10	QPSK	1	25	21.31	21.10	21.25		
10	QPSK	1	49	21.23	21.11	21.27		
10	QPSK	25	0	21.21	21.27	21.29	22	0
10	QPSK	25	12	21.20	21.17	21.16		
10	QPSK	25	25	21.24	21.24	21.21		
10	QPSK	50	0	21.18	21.18	21.12		
10	16QAM	1	0	21.16	20.90	20.92	22	0
10	16QAM	1	25	21.09	21.25	21.13		
10	16QAM	1	49	21.28	20.96	21.07		
10	16QAM	25	0	20.64	20.63	20.69	22	0
10	16QAM	25	12	20.78	20.75	20.81		
10	16QAM	25	25	20.72	20.82	20.86		
10	16QAM	50	0	20.72	20.78	20.96		
10	64QAM	1	0	20.82	20.98	20.63	22	0
10	64QAM	1	25	20.93	21.03	21.12		
10	64QAM	1	49	21.38	21.36	21.15		
10	64QAM	25	0	20.53	20.67	20.69	22	0
10	64QAM	25	12	20.82	20.64	20.84		
10	64QAM	25	25	20.77	20.83	20.82		
10	64QAM	50	0	20.76	20.70	20.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.36	21.40	21.32	22	0
5	QPSK	1	12	21.27	21.10	21.25		
5	QPSK	1	24	21.13	21.18	21.31		
5	QPSK	12	0	21.23	21.30	21.24	22	0
5	QPSK	12	7	21.21	21.09	21.15		
5	QPSK	12	13	21.20	21.22	21.17		
5	QPSK	25	0	21.16	21.26	21.13		
5	16QAM	1	0	21.13	20.87	20.95	22	0
5	16QAM	1	12	21.06	21.19	21.07		
5	16QAM	1	24	21.22	21.01	21.02		
5	16QAM	12	0	20.68	20.82	20.73	22	0
5	16QAM	12	7	20.78	20.76	20.89		
5	16QAM	12	13	20.68	20.85	20.81		
5	16QAM	25	0	20.80	20.84	20.89		
5	64QAM	1	0	20.83	21.04	20.65	22	0
5	64QAM	1	12	20.91	21.02	21.11		
5	64QAM	1	24	21.30	21.39	21.17		
5	64QAM	12	0	20.49	20.74	20.66	22	0
5	64QAM	12	7	20.76	20.61	20.86		
5	64QAM	12	13	20.79	20.77	20.75		
5	64QAM	25	0	20.79	20.70	20.79		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.63	20.78	20.61	22	0
20	QPSK	1	49	20.49	20.43	20.60		
20	QPSK	1	99	20.49	20.51	20.39		
20	QPSK	50	0	20.64	20.77	20.56	22	0
20	QPSK	50	24	20.63	20.49	20.53		
20	QPSK	50	50	20.48	20.53	20.48		
20	QPSK	100	0	20.55	20.61	20.60		
20	16QAM	1	0	20.62	20.65	20.60	22	0
20	16QAM	1	49	20.60	20.50	20.64		
20	16QAM	1	99	20.44	20.39	20.56		
20	16QAM	50	0	20.43	20.66	20.73	22	0
20	16QAM	50	24	20.33	20.68	20.52		
20	16QAM	50	50	20.57	20.47	20.51		
20	16QAM	100	0	20.66	20.59	20.69		
20	64QAM	1	0	20.58	20.62	20.67	22	0
20	64QAM	1	49	20.72	20.44	20.70		
20	64QAM	1	99	20.61	20.44	20.52		
20	64QAM	50	0	20.68	20.64	20.69	22	0
20	64QAM	50	24	20.54	20.56	20.57		
20	64QAM	50	50	20.13	20.12	20.26		
20	64QAM	100	0	20.23	20.15	20.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.47	20.72	20.50	22	0
15	QPSK	1	37	20.33	20.31	20.47		
15	QPSK	1	74	20.35	20.36	20.32		
15	QPSK	36	0	20.59	20.67	20.43	22	0
15	QPSK	36	20	20.48	20.33	20.48		
15	QPSK	36	39	20.42	20.38	20.37		
15	QPSK	75	0	20.41	20.55	20.55		
15	16QAM	1	0	20.52	20.57	20.46	22	0
15	16QAM	1	37	20.52	20.41	20.49		
15	16QAM	1	74	20.29	20.34	20.43		
15	16QAM	36	0	20.37	20.59	20.68	22	0
15	16QAM	36	20	20.20	20.55	20.38		
15	16QAM	36	39	20.52	20.32	20.41		
15	16QAM	75	0	20.50	20.46	20.59		
15	64QAM	1	0	20.45	20.46	20.52	22	0
15	64QAM	1	37	20.60	20.30	20.63		
15	64QAM	1	74	20.56	20.28	20.38		
15	64QAM	36	0	20.55	20.58	20.53	22	0
15	64QAM	36	20	20.40	20.47	20.46		
15	64QAM	36	39	20.02	20.06	20.15		
15	64QAM	75	0	20.13	20.05	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.48	20.63	20.51	22	0
10	QPSK	1	25	20.38	20.34	20.53		
10	QPSK	1	49	20.44	20.38	20.25		
10	QPSK	25	0	20.51	20.61	20.46	22	0
10	QPSK	25	12	20.52	20.33	20.47		
10	QPSK	25	25	20.38	20.40	20.34		
10	QPSK	50	0	20.49	20.48	20.53		
10	16QAM	1	0	20.50	20.56	20.45	22	0
10	16QAM	1	25	20.51	20.43	20.50		
10	16QAM	1	49	20.33	20.30	20.44		
10	16QAM	25	0	20.27	20.54	20.68	22	0
10	16QAM	25	12	20.24	20.53	20.39		
10	16QAM	25	25	20.48	20.36	20.45		
10	16QAM	50	0	20.57	20.47	20.57		
10	64QAM	1	0	20.45	20.54	20.61	22	0
10	64QAM	1	25	20.58	20.37	20.65		
10	64QAM	1	49	20.53	20.28	20.47		
10	64QAM	25	0	20.62	20.50	20.60	22	0
10	64QAM	25	12	20.45	20.44	20.44		
10	64QAM	25	25	20.09	20.02	20.10		
10	64QAM	50	0	20.18	20.01	20.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.54	20.70	20.45	22	0
5	QPSK	1	12	20.44	20.35	20.55		
5	QPSK	1	24	20.42	20.39	20.24		
5	QPSK	12	0	20.59	20.65	20.44	22	0
5	QPSK	12	7	20.56	20.43	20.41		
5	QPSK	12	13	20.32	20.44	20.38		
5	QPSK	25	0	20.48	20.49	20.45		
5	16QAM	1	0	20.47	20.52	20.49	22	0
5	16QAM	1	12	20.54	20.41	20.58		
5	16QAM	1	24	20.29	20.25	20.51		
5	16QAM	12	0	20.33	20.57	20.63	22	0
5	16QAM	12	7	20.28	20.55	20.43		
5	16QAM	12	13	20.42	20.40	20.38		
5	16QAM	25	0	20.52	20.54	20.59		
5	64QAM	1	0	20.46	20.49	20.58	22	0
5	64QAM	1	12	20.57	20.36	20.55		
5	64QAM	1	24	20.45	20.32	20.47		
5	64QAM	12	0	20.62	20.54	20.54	22	0
5	64QAM	12	7	20.46	20.51	20.48		
5	64QAM	12	13	20.05	20.02	20.19		
5	64QAM	25	0	20.13	20.03	20.10		

Band 41_Ant 13

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	20.57	20.40	20.58	20.49	20.42	21	0
20	QPSK	1	49	20.19	20.22	20.14	20.43	20.17		
20	QPSK	1	99	20.45	20.29	20.24	20.21	20.28		
20	QPSK	50	0	20.47	20.44	20.51	20.32	20.30	21	0
20	QPSK	50	24	20.38	20.43	20.23	20.30	20.19		
20	QPSK	50	50	20.27	20.41	20.38	20.26	20.29		
20	QPSK	100	0	20.41	20.41	20.52	20.31	20.23		
20	16QAM	1	0	20.21	20.08	20.40	20.30	20.18	21	0
20	16QAM	1	49	20.09	20.19	20.25	20.18	20.10		
20	16QAM	1	99	19.55	20.35	20.08	20.02	20.02		
20	16QAM	50	0	19.93	19.96	19.95	19.91	19.82	21	0
20	16QAM	50	24	19.98	20.08	19.91	19.97	19.75		
20	16QAM	50	50	20.03	20.10	20.01	20.00	19.97		
20	16QAM	100	0	20.02	19.94	19.83	19.97	19.83		
20	64QAM	1	0	20.17	20.15	20.00	20.14	20.11	21	0
20	64QAM	1	49	20.09	20.00	20.10	19.98	20.17		
20	64QAM	1	99	19.79	19.90	20.08	19.96	19.86		
20	64QAM	50	0	19.86	19.95	19.85	19.83	19.85	21	0
20	64QAM	50	24	19.95	20.06	19.89	19.91	19.88		
20	64QAM	50	50	19.94	19.88	19.90	19.89	19.87		
20	64QAM	100	0	20.02	19.96	19.82	19.88	19.84		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.48	20.30	20.51	20.42	20.32	21	0
15	QPSK	1	37	20.13	20.14	19.98	20.32	20.03		
15	QPSK	1	74	20.35	20.17	20.08	20.06	20.18		
15	QPSK	36	0	20.42	20.28	20.37	20.26	20.15	21	0
15	QPSK	36	20	20.28	20.37	20.16	20.21	20.09		
15	QPSK	36	39	20.17	20.36	20.22	20.16	20.20		
15	QPSK	75	0	20.31	20.30	20.44	20.20	20.13		
15	16QAM	1	0	20.05	19.97	20.31	20.24	20.08	21	0
15	16QAM	1	37	19.99	20.14	20.14	20.12	19.94		
15	16QAM	1	74	19.41	20.23	19.99	19.90	19.94		
15	16QAM	36	0	19.83	19.80	19.82	19.84	19.71	21	0
15	16QAM	36	20	19.83	19.97	19.86	19.81	19.66		
15	16QAM	36	39	19.88	19.98	19.89	19.95	19.82		
15	16QAM	75	0	19.86	19.89	19.69	19.89	19.76		
15	64QAM	1	0	20.08	20.08	19.85	20.04	19.98	21	0
15	64QAM	1	37	19.99	19.92	19.96	19.93	20.02		
15	64QAM	1	74	19.72	19.80	20.03	19.89	19.79		
15	64QAM	36	0	19.81	19.84	19.72	19.67	19.70	21	0
15	64QAM	36	20	19.84	19.99	19.82	19.79	19.78		
15	64QAM	36	39	19.78	19.78	19.75	19.77	19.78		
15	64QAM	75	0	19.86	19.89	19.75	19.77	19.75		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.46	20.32	20.44	20.37	20.28	21	0
10	QPSK	1	25	20.08	20.16	19.98	20.34	20.07		
10	QPSK	1	49	20.39	20.20	20.16	20.13	20.23		
10	QPSK	25	0	20.42	20.28	20.45	20.18	20.18	21	0
10	QPSK	25	12	20.33	20.32	20.13	20.16	20.12		
10	QPSK	25	25	20.11	20.25	20.33	20.17	20.24		
10	QPSK	50	0	20.30	20.25	20.40	20.26	20.11		
10	16QAM	1	0	20.15	19.99	20.27	20.18	20.10	21	0
10	16QAM	1	25	19.99	20.06	20.18	20.03	20.01		
10	16QAM	1	49	19.44	20.26	19.98	19.88	19.97		
10	16QAM	25	0	19.78	19.86	19.81	19.79	19.67	21	0
10	16QAM	25	12	19.92	20.03	19.86	19.89	19.60		
10	16QAM	25	25	19.88	19.94	19.95	19.91	19.81		
10	16QAM	50	0	19.94	19.83	19.71	19.90	19.73		
10	64QAM	1	0	20.10	20.05	19.87	20.02	19.95	21	0
10	64QAM	1	25	19.94	19.87	19.99	19.82	20.11		
10	64QAM	1	49	19.71	19.83	19.93	19.82	19.76		
10	64QAM	25	0	19.80	19.89	19.76	19.70	19.75	21	0
10	64QAM	25	12	19.90	19.93	19.75	19.85	19.73		
10	64QAM	25	25	19.85	19.74	19.76	19.82	19.76		
10	64QAM	50	0	19.86	19.91	19.75	19.74	19.77		
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	20.42	20.30	20.42	20.37	20.29	21	0
5	QPSK	1	12	20.09	20.17	20.01	20.28	20.01		
5	QPSK	1	24	20.40	20.22	20.14	20.11	20.16		
5	QPSK	12	0	20.38	20.39	20.46	20.25	20.16	21	0
5	QPSK	12	7	20.22	20.35	20.18	20.21	20.05		
5	QPSK	12	13	20.11	20.32	20.23	20.19	20.24		
5	QPSK	25	0	20.25	20.29	20.37	20.16	20.08		
5	16QAM	1	0	20.08	20.03	20.24	20.15	20.05	21	0
5	16QAM	1	12	20.01	20.09	20.15	20.11	19.94		
5	16QAM	1	24	19.45	20.19	19.92	19.97	19.97		
5	16QAM	12	0	19.85	19.85	19.79	19.86	19.70	21	0
5	16QAM	12	7	19.88	20.03	19.79	19.82	19.64		
5	16QAM	12	13	19.89	20.00	19.96	19.87	19.81		
5	16QAM	25	0	19.94	19.86	19.74	19.91	19.71		
5	64QAM	1	0	20.02	20.07	19.91	20.08	20.02	21	0
5	64QAM	1	12	19.98	19.84	19.97	19.85	20.02		
5	64QAM	1	24	19.68	19.80	20.02	19.85	19.70		
5	64QAM	12	0	19.81	19.81	19.69	19.74	19.70	21	0
5	64QAM	12	7	19.87	19.90	19.82	19.85	19.74		
5	64QAM	12	13	19.85	19.76	19.77	19.84	19.76		
5	64QAM	25	0	19.94	19.89	19.77	19.78	19.77		

Band 41_Ant 31

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	21.08	21.15	21.41	21.21	21.11	22	0
20	QPSK	1	49	21.05	21.13	21.15	21.07	21.10		
20	QPSK	1	99	20.93	21.02	21.22	21.09	21.10		
20	QPSK	50	0	21.23	21.24	21.36	21.21	21.28	22	0
20	QPSK	50	24	21.20	21.20	21.15	21.14	21.16		
20	QPSK	50	50	21.16	21.15	21.22	21.18	21.22		
20	QPSK	100	0	21.15	21.17	21.25	21.24	21.04		
20	16QAM	1	0	21.03	20.82	20.92	21.24	21.03	22	0
20	16QAM	1	49	20.89	20.90	20.83	21.15	20.86		
20	16QAM	1	99	21.10	20.85	20.89	20.86	20.73		
20	16QAM	50	0	20.71	20.74	20.75	20.78	20.80	22	0
20	16QAM	50	24	20.79	20.91	20.82	20.84	20.72		
20	16QAM	50	50	20.85	20.82	20.86	20.84	20.81		
20	16QAM	100	0	20.77	20.86	20.68	20.77	20.65		
20	64QAM	1	0	21.05	20.72	20.80	20.84	20.80	22	0
20	64QAM	1	49	21.17	21.22	20.87	20.49	21.10		
20	64QAM	1	99	20.52	20.49	21.10	20.76	20.99		
20	64QAM	50	0	20.70	20.78	20.76	20.76	20.68	22	0
20	64QAM	50	24	20.66	20.93	20.69	20.77	20.70		
20	64QAM	50	50	20.72	20.87	20.73	20.70	20.75		
20	64QAM	100	0	20.77	20.87	20.72	20.86	20.64		
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	20.96	21.03	21.29	21.11	20.99	22	0
15	QPSK	1	37	20.89	21.00	20.99	21.01	20.99		
15	QPSK	1	74	20.83	20.94	21.08	20.97	21.00		
15	QPSK	36	0	21.07	21.13	21.27	21.13	21.20	22	0
15	QPSK	36	20	21.14	21.08	21.10	21.05	21.05		
15	QPSK	36	39	21.00	21.07	21.15	21.09	21.15		
15	QPSK	75	0	21.08	21.09	21.17	21.08	20.91		
15	16QAM	1	0	20.87	20.73	20.82	21.16	20.89	22	0
15	16QAM	1	37	20.81	20.80	20.73	21.04	20.80		
15	16QAM	1	74	21.02	20.70	20.81	20.77	20.64		
15	16QAM	36	0	20.62	20.63	20.60	20.72	20.65	22	0
15	16QAM	36	20	20.72	20.77	20.67	20.74	20.59		
15	16QAM	36	39	20.79	20.70	20.74	20.69	20.65		
15	16QAM	75	0	20.72	20.77	20.54	20.67	20.58		
15	64QAM	1	0	20.93	20.65	20.71	20.71	20.72	22	0
15	64QAM	1	37	21.10	21.06	20.76	20.40	20.95		
15	64QAM	1	74	20.44	20.35	20.98	20.69	20.83		
15	64QAM	36	0	20.65	20.68	20.64	20.71	20.52	22	0
15	64QAM	36	20	20.56	20.82	20.58	20.67	20.59		
15	64QAM	36	39	20.62	20.75	20.65	20.54	20.69		
15	64QAM	75	0	20.70	20.78	20.61	20.70	20.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.99	21.03	21.32	21.07	21.04	22	0
10	QPSK	1	25	20.98	20.99	20.99	21.02	21.02		
10	QPSK	1	49	20.86	20.97	21.11	21.03	21.01		
10	QPSK	25	0	21.13	21.11	21.26	21.15	21.22	22	0
10	QPSK	25	12	21.09	21.14	20.99	21.05	21.05		
10	QPSK	25	25	21.07	21.04	21.10	21.04	21.14		
10	QPSK	50	0	21.02	21.01	21.11	21.14	20.98		
10	16QAM	1	0	20.88	20.74	20.87	21.16	20.87	22	0
10	16QAM	1	25	20.74	20.82	20.67	21.03	20.80		
10	16QAM	1	49	20.98	20.76	20.75	20.78	20.57		
10	16QAM	25	0	20.65	20.58	20.66	20.64	20.68	22	0
10	16QAM	25	12	20.63	20.81	20.71	20.70	20.59		
10	16QAM	25	25	20.74	20.73	20.79	20.69	20.76		
10	16QAM	50	0	20.72	20.77	20.59	20.67	20.52		
10	64QAM	1	0	20.96	20.65	20.70	20.69	20.67	22	0
10	64QAM	1	25	21.09	21.07	20.74	20.36	21.05		
10	64QAM	1	49	20.37	20.41	21.00	20.61	20.89		
10	64QAM	25	0	20.61	20.65	20.62	20.60	20.56	22	0
10	64QAM	25	12	20.59	20.85	20.55	20.70	20.55		
10	64QAM	25	25	20.65	20.74	20.62	20.64	20.60		
10	64QAM	50	0	20.61	20.71	20.60	20.79	20.57		
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	20.97	21.06	21.25	21.09	21.06	22	0
5	QPSK	1	12	20.89	21.02	21.07	20.99	20.98		
5	QPSK	1	24	20.84	20.92	21.08	21.00	20.95		
5	QPSK	12	0	21.18	21.19	21.30	21.12	21.21	22	0
5	QPSK	12	7	21.06	21.11	21.03	21.02	21.11		
5	QPSK	12	13	21.07	21.09	21.14	21.12	21.09		
5	QPSK	25	0	21.10	21.10	21.12	21.18	20.90		
5	16QAM	1	0	20.89	20.77	20.80	21.09	20.96	22	0
5	16QAM	1	12	20.81	20.77	20.74	21.06	20.79		
5	16QAM	1	24	21.05	20.77	20.84	20.71	20.62		
5	16QAM	12	0	20.64	20.61	20.64	20.71	20.71	22	0
5	16QAM	12	7	20.68	20.86	20.67	20.68	20.67		
5	16QAM	12	13	20.71	20.73	20.74	20.71	20.74		
5	16QAM	25	0	20.65	20.77	20.63	20.70	20.51		
5	64QAM	1	0	20.97	20.67	20.75	20.73	20.64	22	0
5	64QAM	1	12	21.07	21.15	20.82	20.43	21.05		
5	64QAM	1	24	20.44	20.39	20.98	20.70	20.83		
5	64QAM	12	0	20.56	20.67	20.71	20.71	20.56	22	0
5	64QAM	12	7	20.52	20.83	20.53	20.62	20.59		
5	64QAM	12	13	20.63	20.75	20.63	20.54	20.61		
5	64QAM	25	0	20.65	20.81	20.61	20.78	20.58		

Band 41_Ant 25

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	20.39	20.37	20.69	20.67	20.45	22	0
20	QPSK	1	49	20.30	20.24	20.34	20.35	20.35		
20	QPSK	1	99	20.28	20.31	20.48	20.20	20.38		
20	QPSK	50	0	20.58	20.58	20.61	20.59	20.53		
20	QPSK	50	24	20.43	20.44	20.45	20.58	20.33	22	0
20	QPSK	50	50	20.54	20.53	20.52	20.53	20.49		
20	QPSK	100	0	20.42	20.50	20.56	20.54	20.39		
20	16QAM	1	0	20.42	20.29	20.62	20.65	20.56	22	0
20	16QAM	1	49	20.68	20.68	20.34	20.66	20.59		
20	16QAM	1	99	20.53	20.67	20.40	20.64	20.45		
20	16QAM	50	0	20.32	20.34	20.42	20.45	20.46	22	0
20	16QAM	50	24	20.50	20.56	20.49	20.67	20.40		
20	16QAM	50	50	20.59	20.61	20.53	20.53	20.41		
20	16QAM	100	0	20.45	20.51	20.43	20.62	20.36		
20	64QAM	1	0	20.52	20.53	20.59	20.64	20.58	22	0
20	64QAM	1	49	20.67	20.67	20.22	20.66	20.51		
20	64QAM	1	99	20.48	20.64	20.60	20.62	20.56		
20	64QAM	50	0	20.05	20.09	20.11	20.20	20.15	22	0
20	64QAM	50	24	20.10	20.12	20.08	20.42	20.07		
20	64QAM	50	50	20.11	20.19	20.33	20.21	20.14		
20	64QAM	100	0	20.12	20.27	20.22	20.34	20.11		
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	20.34	20.27	20.54	20.56	20.35	22	0
15	QPSK	1	37	20.21	20.17	20.20	20.24	20.30		
15	QPSK	1	74	20.20	20.24	20.39	20.08	20.23		
15	QPSK	36	0	20.42	20.42	20.45	20.53	20.38	22	0
15	QPSK	36	20	20.32	20.28	20.29	20.48	20.25		
15	QPSK	36	39	20.49	20.39	20.45	20.44	20.36		
15	QPSK	75	0	20.35	20.41	20.44	20.39	20.30		
15	16QAM	1	0	20.36	20.14	20.46	20.56	20.44	22	0
15	16QAM	1	37	20.57	20.61	20.22	20.59	20.49		
15	16QAM	1	74	20.39	20.58	20.33	20.51	20.29		
15	16QAM	36	0	20.22	20.23	20.37	20.40	20.31	22	0
15	16QAM	36	20	20.41	20.50	20.36	20.56	20.24		
15	16QAM	36	39	20.53	20.51	20.44	20.40	20.25		
15	16QAM	75	0	20.35	20.39	20.28	20.46	20.21		
15	64QAM	1	0	20.42	20.39	20.50	20.52	20.46	22	0
15	64QAM	1	37	20.51	20.60	20.17	20.52	20.40		
15	64QAM	1	74	20.33	20.53	20.50	20.56	20.48		
15	64QAM	36	0	20.20	20.04	20.05	20.10	20.04	22	0
15	64QAM	36	20	20.10	20.06	20.03	20.29	20.01		
15	64QAM	36	39	20.05	20.07	20.22	20.12	20.01		
15	64QAM	75	0	20.02	20.13	20.11	20.22	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.31	20.23	20.64	20.57	20.37	22	0
10	QPSK	1	25	20.20	20.10	20.19	20.20	20.20		
10	QPSK	1	49	20.12	20.17	20.32	20.08	20.26		
10	QPSK	25	0	20.44	20.52	20.49	20.51	20.40	22	0
10	QPSK	25	12	20.29	20.36	20.35	20.42	20.20		
10	QPSK	25	25	20.42	20.37	20.44	20.37	20.34		
10	QPSK	50	0	20.37	20.39	20.51	20.45	20.29		
10	16QAM	1	0	20.37	20.24	20.51	20.56	20.46	22	0
10	16QAM	1	25	20.60	20.57	20.27	20.61	20.47		
10	16QAM	1	49	20.39	20.59	20.25	20.58	20.35		
10	16QAM	25	0	20.26	20.24	20.27	20.36	20.38	22	0
10	16QAM	25	12	20.40	20.50	20.39	20.55	20.27		
10	16QAM	25	25	20.54	20.50	20.46	20.44	20.33		
10	16QAM	50	0	20.33	20.35	20.27	20.52	20.25		
10	64QAM	1	0	20.36	20.41	20.49	20.51	20.48	22	0
10	64QAM	1	25	20.57	20.59	20.15	20.55	20.41		
10	64QAM	1	49	20.35	20.58	20.52	20.48	20.45		
10	64QAM	25	0	20.02	20.21	20.21	20.05	20.01	22	0
10	64QAM	25	12	20.01	20.05	20.03	20.36	20.01		
10	64QAM	25	25	20.02	20.10	20.24	20.16	20.06		
10	64QAM	50	0	20.01	20.13	20.16	20.24	20.03		
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	20.24	20.27	20.55	20.51	20.33	22	0
5	QPSK	1	12	20.20	20.08	20.22	20.24	20.19		
5	QPSK	1	24	20.20	20.22	20.32	20.15	20.26		
5	QPSK	12	0	20.48	20.42	20.56	20.54	20.38	22	0
5	QPSK	12	7	20.37	20.34	20.30	20.52	20.25		
5	QPSK	12	13	20.44	20.44	20.40	20.48	20.41		
5	QPSK	25	0	20.36	20.34	20.48	20.45	20.23		
5	16QAM	1	0	20.37	20.20	20.55	20.53	20.46	22	0
5	16QAM	1	12	20.53	20.56	20.23	20.60	20.47		
5	16QAM	1	24	20.48	20.55	20.26	20.54	20.37		
5	16QAM	12	0	20.27	20.23	20.27	20.37	20.39	22	0
5	16QAM	12	7	20.40	20.43	20.33	20.61	20.34		
5	16QAM	12	13	20.44	20.47	20.46	20.38	20.29		
5	16QAM	25	0	20.31	20.46	20.33	20.52	20.30		
5	64QAM	1	0	20.37	20.46	20.51	20.56	20.43	22	0
5	64QAM	1	12	20.57	20.52	20.11	20.61	20.37		
5	64QAM	1	24	20.36	20.57	20.53	20.50	20.45		
5	64QAM	12	0	20.03	20.04	20.05	20.11	20.03	22	0
5	64QAM	12	7	20.03	20.03	20.01	20.36	20.02		
5	64QAM	12	13	20.04	20.08	20.23	20.13	20.08		
5	64QAM	25	0	20.03	20.14	20.13	20.28	20.00		

Band 42 Part27Q_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK		0	18.34	18.62	18.52	19	0
20	QPSK		49	18.26	18.29	18.38		
20	QPSK		99	18.23	18.35	18.49		
20	QPSK	50	0	18.47	18.58	18.57		
20	QPSK	50	24	18.45	18.49	18.54	19	0
20	QPSK	50	50	18.36	18.51	18.56		
20	QPSK	100	0	18.40	18.53	18.48		
20	16QAM		0	18.25	18.57	18.30	19	0
20	16QAM		49	18.54	18.04	18.26		
20	16QAM		99	18.39	17.94	18.06		
20	16QAM	50	0	17.89	18.08	18.18	19	0
20	16QAM	50	24	18.04	18.14	18.07		
20	16QAM	50	50	18.04	18.22	18.20		
20	16QAM	100	0	18.06	18.18	18.13		
20	64QAM		0	17.85	18.11	18.12	19	0
20	64QAM		49	17.95	18.53	18.57		
20	64QAM		99	18.03	18.39	18.46		
20	64QAM	50	0	17.86	18.14	18.25	19	0
20	64QAM	50	24	17.96	18.11	18.05		
20	64QAM	50	50	17.94	18.17	18.12		
20	64QAM	100	0	18.03	18.13	18.12		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	18.24	18.56	18.45	19	0
15	QPSK		37	18.17	18.15	18.25		
15	QPSK		74	18.07	18.28	18.35		
15	QPSK	36	0	18.33	18.49	18.43	19	0
15	QPSK	36	20	18.39	18.33	18.38		
15	QPSK	36	39	18.31	18.37	18.41		
15	QPSK	75	0	18.25	18.45	18.34		
15	16QAM		0	18.16	18.44	18.17	19	0
15	16QAM		37	18.47	17.90	18.13		
15	16QAM		74	18.34	17.83	18.00		
15	16QAM	36	0	17.73	17.93	18.13	19	0
15	16QAM	36	20	17.91	18.03	18.00		
15	16QAM	36	39	17.92	18.10	18.06		
15	16QAM	75	0	17.91	18.13	18.04		
15	64QAM		0	17.73	17.98	17.98	19	0
15	64QAM		37	17.82	18.41	18.48		
15	64QAM		74	17.97	18.29	18.31		
15	64QAM	36	0	17.71	18.07	18.10	19	0
15	64QAM	36	20	17.87	18.06	17.94		
15	64QAM	36	39	17.81	18.03	17.96		
15	64QAM	75	0	17.98	18.01	18.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	18.27	18.51	18.38	19	0
10	QPSK		25	18.11	18.22	18.31		
10	QPSK		49	18.16	18.19	18.44		
10	QPSK	25	0	18.34	18.43	18.50	19	0
10	QPSK	25	12	18.29	18.37	18.47		
10	QPSK	25	25	18.29	18.35	18.45		
10	QPSK	50	0	18.34	18.40	18.41		
10	16QAM		0	18.14	18.46	18.15	19	0
10	16QAM		25	18.40	17.95	18.11		
10	16QAM		49	18.27	17.86	17.99		
10	16QAM	25	0	17.78	17.97	18.03	19	0
10	16QAM	25	12	17.95	17.98	17.99		
10	16QAM	25	25	17.97	18.09	18.04		
10	16QAM	50	0	17.95	18.02	18.02		
10	64QAM		0	17.70	17.95	18.01	19	0
10	64QAM		25	17.86	18.47	18.45		
10	64QAM		49	17.98	18.27	18.40		
10	64QAM	25	0	17.78	17.98	18.13	19	0
10	64QAM	25	12	17.82	17.98	17.93		
10	64QAM	25	25	17.82	18.06	17.97		
10	64QAM	50	0	17.96	17.99	18.07		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	18.27	18.53	18.46	19	0
5	QPSK		12	18.11	18.21	18.27		
5	QPSK		24	18.07	18.19	18.33		
5	QPSK	12	0	18.42	18.44	18.43	19	0
5	QPSK	12	7	18.36	18.34	18.44		
5	QPSK	12	13	18.26	18.35	18.43		
5	QPSK	25	0	18.29	18.41	18.41		
5	16QAM		0	18.13	18.46	18.24	19	0
5	16QAM		12	18.46	17.91	18.15		
5	16QAM		24	18.34	17.83	17.98		
5	16QAM	12	0	17.73	17.98	18.02	19	0
5	16QAM	12	7	17.92	18.02	17.91		
5	16QAM	12	13	17.97	18.15	18.13		
5	16QAM	25	0	17.98	18.11	17.99		
5	64QAM		0	17.70	18.03	18.01	19	0
5	64QAM		12	17.87	18.44	18.48		
5	64QAM		24	17.92	18.30	18.30		
5	64QAM	12	0	17.72	18.06	18.19	19	0
5	64QAM	12	7	17.85	17.96	17.97		
5	64QAM	12	13	17.84	18.09	18.01		
5	64QAM	25	0	17.94	18.06	18.04		

Band 42 Part27Q_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK		0	19.11	19.17	19.03	20.3	0
20	QPSK		49	19.03	18.97	18.84		
20	QPSK		99	18.90	18.81	18.84		
20	QPSK	50	0	19.13	19.14	19.07	20.3	0
20	QPSK	50	24	19.12	19.01	19.05		
20	QPSK	50	50	19.05	19.04	19.01		
20	QPSK	100	0	19.03	19.04	19.03		
20	16QAM		0	18.81	19.07	18.85	20.3	0
20	16QAM		49	18.96	18.93	19.03		
20	16QAM		99	18.54	18.41	19.00		
20	16QAM	50	0	18.64	18.75	18.63	20.3	0
20	16QAM	50	24	18.68	18.59	18.72		
20	16QAM	50	50	18.75	18.72	18.65		
20	16QAM	100	0	18.60	18.53	18.61		
20	64QAM		0	18.58	18.67	18.70	20.3	0
20	64QAM		49	18.71	18.81	18.77		
20	64QAM		99	18.84	18.78	18.78		
20	64QAM	50	0	18.64	18.62	18.77	20.3	0
20	64QAM	50	24	18.56	18.58	18.58		
20	64QAM	50	50	18.67	18.66	18.68		
20	64QAM	100	0	18.66	18.64	18.61		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK		0	19.03	19.03	18.95	20.3	0
15	QPSK		37	18.98	18.91	18.74		
15	QPSK		74	18.80	18.71	18.79		
15	QPSK	36	0	19.01	19.06	19.00	20.3	0
15	QPSK	36	20	19.03	18.91	19.00		
15	QPSK	36	39	18.93	18.93	18.87		
15	QPSK	75	0	18.89	18.90	18.95		
15	16QAM		0	18.68	19.01	18.80	20.3	0
15	16QAM		37	18.88	18.85	18.91		
15	16QAM		74	18.39	18.39	18.92		
15	16QAM	36	0	18.52	18.70	18.56	20.3	0
15	16QAM	36	20	18.58	18.43	18.56		
15	16QAM	36	39	18.60	18.67	18.50		
15	16QAM	75	0	18.48	18.43	18.56		
15	64QAM		0	18.49	18.58	18.62	20.3	0
15	64QAM		37	18.55	18.71	18.71		
15	64QAM		74	18.76	18.69	18.66		
15	64QAM	36	0	18.52	18.48	18.68	20.3	0
15	64QAM	36	20	18.43	18.45	18.48		
15	64QAM	36	39	18.57	18.51	18.59		
15	64QAM	75	0	18.57	18.53	18.55		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK		0	18.96	19.06	18.98	20.3	0
10	QPSK		25	18.89	18.92	18.72		
10	QPSK		49	18.76	18.68	18.70		
10	QPSK	25	0	19.05	19.05	19.01	20.3	0
10	QPSK	25	12	19.06	18.87	18.92		
10	QPSK	25	25	18.95	18.89	18.92		
10	QPSK	50	0	18.91	18.97	18.96		
10	16QAM		0	18.66	18.97	18.70	20.3	0
10	16QAM		25	18.87	18.77	18.98		
10	16QAM		49	18.47	18.38	18.86		
10	16QAM	25	0	18.50	18.70	18.48	20.3	0
10	16QAM	25	12	18.55	18.46	18.57		
10	16QAM	25	25	18.66	18.56	18.56		
10	16QAM	50	0	18.45	18.43	18.52		
10	64QAM		0	18.51	18.58	18.55	20.3	0
10	64QAM		25	18.55	18.75	18.72		
10	64QAM		49	18.79	18.71	18.70		
10	64QAM	25	0	18.59	18.46	18.71	20.3	0
10	64QAM	25	12	18.43	18.44	18.47		
10	64QAM	25	25	18.51	18.61	18.60		
10	64QAM	50	0	18.56	18.49	18.50		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK		0	18.95	19.07	18.94	20.3	0
5	QPSK		12	18.89	18.88	18.71		
5	QPSK		24	18.80	18.65	18.78		
5	QPSK	12	0	19.05	19.05	19.02	20.3	0
5	QPSK	12	7	19.05	18.95	18.98		
5	QPSK	12	13	18.95	18.92	18.95		
5	QPSK	25	0	18.93	18.92	18.90		
5	16QAM		0	18.75	18.94	18.79	20.3	0
5	16QAM		12	18.91	18.77	18.88		
5	16QAM		24	18.43	18.34	18.85		
5	16QAM	12	0	18.48	18.67	18.58	20.3	0
5	16QAM	12	7	18.57	18.43	18.63		
5	16QAM	12	13	18.66	18.61	18.51		
5	16QAM	25	0	18.55	18.37	18.48		
5	64QAM		0	18.50	18.56	18.63	20.3	0
5	64QAM		12	18.56	18.73	18.70		
5	64QAM		24	18.72	18.64	18.67		
5	64QAM	12	0	18.51	18.57	18.65	20.3	0
5	64QAM	12	7	18.43	18.53	18.53		
5	64QAM	12	13	18.51	18.57	18.61		
5	64QAM	25	0	18.59	18.59	18.51		

Conducted Default Power for 5G NR SA

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.89	21.93	21.74	22.8	0.0
20	PI/2 BPSK	1	53	21.86	21.89	21.73		
20	PI/2 BPSK	1	104	21.82	21.83	21.67		
20	PI/2 BPSK	50	0	21.25	21.32	21.21	22.3	0.5
20	PI/2 BPSK	50	28	21.75	21.81	21.73	22.8	0.0
20	PI/2 BPSK	50	56	21.20	21.28	21.21	22.3	0.5
20	PI/2 BPSK	100	0	21.25	21.31	21.23		
20	QPSK	1	1	21.74	21.92	21.63	22.8	0.0
20	QPSK	1	53	21.85	21.90	21.78		
20	QPSK	1	104	21.84	21.89	21.80		
20	QPSK	50	0	20.58	20.83	20.73	21.8	1.0
20	QPSK	50	28	21.83	21.86	21.71	22.8	0.0
20	QPSK	50	56	20.85	20.74	20.72	21.8	1.0
20	QPSK	100	0	20.84	20.79	20.68		
20	16QAM	1	1	20.63	20.79	20.86	21.8	1.0
20	64QAM	1	1	19.07	19.53	19.26	20.3	2.5
20	256QAM	1	1	17.38	17.42	17.31	18.3	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	21.80	21.83	21.60	22.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	21.76	21.82	21.61	22.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	21.74	21.82	21.65	22.8	0.0

n2_Ant 31

BW [MHz]	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	22.68	22.71	22.53	23.5	0.0
20	PI/2 BPSK	1	53	22.66	22.67	22.46		
20	PI/2 BPSK	1	104	22.57	22.65	22.42		
20	PI/2 BPSK	50	0	22.14	22.16	21.96	23.0	0.5
20	PI/2 BPSK	50	28	22.60	22.63	22.49	23.5	0.0
20	PI/2 BPSK	50	56	22.00	22.03	21.93	23.0	0.5
20	PI/2 BPSK	100	0	22.02	22.05	21.95		
20	QPSK	1	1	22.66	22.70	22.65	23.5	0.0
20	QPSK	1	53	22.64	22.65	22.55		
20	QPSK	1	104	22.58	22.61	22.56		
20	QPSK	50	0	21.59	21.53	21.58	22.5	1.0
20	QPSK	50	28	22.17	22.56	22.51	23.5	0.0
20	QPSK	50	56	21.35	21.53	21.41	22.5	1.0
20	QPSK	100	0	21.47	21.48	21.43		
20	16QAM	1	1	21.72	21.54	21.73	22.5	1.0
20	64QAM	1	1	20.24	20.28	20.26	21.0	2.5
20	256QAM	1	1	18.27	18.23	17.97	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	22.53	22.61	22.48	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	22.54	22.65	22.48	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	22.59	22.63	22.38	23.5	0.0

n5_Ant 11

BW [MHz]	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	23.54	23.58	23.51	24.5	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.42		
20	PI/2 BPSK	1	104	23.37	23.39	23.35		
20	PI/2 BPSK	50	0	23.10	23.12	23.08	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.56	23.53	24.5	0.0
20	PI/2 BPSK	50	56	22.94	22.42	22.93	24.0	0.5
20	PI/2 BPSK	100	0	23.05	23.07	23.01		
20	QPSK	1	1	23.55	23.57	23.33	24.5	0.0
20	QPSK	1	53	23.51	23.53	23.45		
20	QPSK	1	104	23.41	23.45	23.39		
20	QPSK	50	0	22.58	22.47	22.59	23.5	1.0
20	QPSK	50	28	23.57	23.46	23.49	24.5	0.0
20	QPSK	50	56	22.48	22.47	22.44	23.5	1.0
20	QPSK	100	0	22.57	22.51	22.49		
20	16QAM	1	1	22.76	22.68	22.84	23.5	1.0
20	64QAM	1	1	21.27	21.25	21.25	22.0	2.5
20	256QAM	1	1	19.06	19.01	19.14	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.45	23.50	23.43	24.5	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.45	23.44	23.45	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.49	23.47	23.40	24.5	0.0

n5_Ant 41

BW [MHz]	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	23.70	23.74	23.72	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.67	23.61		
20	PI/2 BPSK	1	104	23.51	23.55	23.52		
20	PI/2 BPSK	50	0	23.20	23.22	23.18	24.0	0.5
20	PI/2 BPSK	50	28	23.62	23.67	23.60	24.5	0.0
20	PI/2 BPSK	50	56	23.15	23.17	23.11	24.0	0.5
20	PI/2 BPSK	100	0	23.20	23.23	23.19		
20	QPSK	1	1	23.62	23.71	23.53	24.5	0.0
20	QPSK	1	53	23.60	23.72	23.61		
20	QPSK	1	104	23.56	23.65	23.60		
20	QPSK	50	0	22.72	22.69	22.74	23.5	1.0
20	QPSK	50	28	23.68	23.68	23.63	24.5	0.0
20	QPSK	50	56	22.63	22.64	22.64	23.5	1.0
20	QPSK	100	0	22.75	22.65	22.63		
20	16QAM	1	1	22.95	22.87	22.91	23.5	1.0
20	64QAM	1	1	21.43	21.41	21.45	22.0	2.5
20	256QAM	1	1	19.24	19.23	19.22	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.64	23.61	23.56	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.54	23.59	23.63	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.59	23.60	23.66	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.45	22.57	22.43	23.7	0.0
20	PI/2 BPSK	1	53	22.39	22.53	22.34		
20	PI/2 BPSK	1	104	22.35	22.49	22.31		
20	PI/2 BPSK	50	0	22.46	22.51	22.44	23.2	0.5
20	PI/2 BPSK	50	28	22.48	22.52	22.45	23.7	0.0
20	PI/2 BPSK	50	56	22.38	22.42	22.31	23.2	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.38		
20	QPSK	1	1	22.38	22.49	22.47	23.7	0.0
20	QPSK	1	53	22.46	22.51	22.38		
20	QPSK	1	104	22.53	22.53	22.29		
20	QPSK	50	0	21.92	22.05	21.91	22.7	1.0
20	QPSK	50	28	22.38	22.53	22.39	23.7	0.0
20	QPSK	50	56	21.85	22.05	21.78	22.7	1.0
20	QPSK	100	0	21.85	22.02	21.85		
20	16QAM	1	1	21.48	22.26	22.17	22.7	1.0
20	64QAM	1	1	19.83	20.73	20.68	21.2	2.5
20	256QAM	1	1	18.04	18.48	18.47	19.2	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.48	22.52	22.41	23.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.25	22.29	22.18	23.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.32	22.38	22.31	23.7	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.08	23.36	22.95	24.3	0.0
20	PI/2 BPSK	1	53	23.03	23.07	22.85		
20	PI/2 BPSK	1	104	22.98	22.96	22.89		
20	PI/2 BPSK	50	0	22.94	23.06	22.82	23.8	0.5
20	PI/2 BPSK	50	28	23.02	23.09	22.86	24.3	0.0
20	PI/2 BPSK	50	56	22.96	23.02	22.77	23.8	0.5
20	PI/2 BPSK	100	0	22.97	23.06	22.83		
20	QPSK	1	1	22.78	23.15	22.87	24.3	0.0
20	QPSK	1	53	22.46	23.07	22.92		
20	QPSK	1	104	22.42	23.02	22.86		
20	QPSK	50	0	22.37	22.56	22.33	23.3	1.0
20	QPSK	50	28	22.48	22.98	22.84	24.3	0.0
20	QPSK	50	56	22.45	22.51	22.34	23.3	1.0
20	QPSK	100	0	22.28	22.52	22.28		
20	16QAM	1	1	22.42	22.80	22.60	23.3	1.0
20	64QAM	1	1	20.72	21.24	20.94	21.8	2.5
20	256QAM	1	1	18.42	19.03	18.76	19.8	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.01	23.06	22.98	24.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.72	22.74	22.70	24.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.78	22.81	22.75	24.3	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.75	22.87	22.73	23.7	0.0
20	PI/2 BPSK	1	53	22.67	22.76	22.65		
20	PI/2 BPSK	1	104	22.62	22.71	22.60		
20	PI/2 BPSK	50	0	22.17	22.22	22.15	23.2	0.5
20	PI/2 BPSK	50	28	22.66	22.69	22.63	23.7	0.0
20	PI/2 BPSK	50	56	22.11	22.18	22.10	23.2	0.5
20	PI/2 BPSK	100	0	22.20	22.21	22.18		
20	QPSK	1	1	22.79	22.85	22.69	23.7	0.0
20	QPSK	1	53	22.69	22.83	22.65		
20	QPSK	1	104	22.78	22.79	22.68		
20	QPSK	50	0	21.65	21.79	21.68	22.7	1.0
20	QPSK	50	28	22.64	22.76	22.65	23.7	0.0
20	QPSK	50	56	21.60	21.70	21.62	22.7	1.0
20	QPSK	100	0	21.59	21.64	21.64		
20	16QAM	1	1	21.88	22.06	21.91	22.7	1.0
20	64QAM	1	1	20.40	20.42	20.43	21.2	2.5
20	256QAM	1	1	18.20	18.24	18.18	19.2	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	22.60	22.66	22.55	23.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.42	22.44	22.45	23.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.43	22.48	22.41	23.7	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	22.71	22.75	22.65	23.8	0.0
30	PI/2 BPSK	1	80	22.70	22.72	22.63		
30	PI/2 BPSK	1	158	22.68	22.69	22.61		
30	PI/2 BPSK	80	0	22.62	22.67	22.60	23.3	0.5
30	PI/2 BPSK	80	40	22.65	22.68	22.62	23.8	0.0
30	PI/2 BPSK	80	80	22.63	22.65	22.64	23.3	0.5
30	PI/2 BPSK	160	0	22.68	22.70	22.63		
30	QPSK	1	1	22.64	22.73	22.50	23.8	0.0
30	QPSK	1	80	22.58	22.70	22.48		
30	QPSK	1	158	22.51	22.64	22.40		
30	QPSK	80	0	22.07	22.22	22.00	22.8	1.0
30	QPSK	80	40	22.56	22.72	22.49	23.8	0.0
30	QPSK	80	80	22.05	22.18	21.92	22.8	1.0
30	QPSK	160	0	22.03	22.15	22.01		
30	16QAM	1	1	22.34	22.41	22.17	22.8	1.0
30	64QAM	1	1	20.72	20.88	20.64	21.3	2.5
30	256QAM	1	1	18.65	18.75	18.54	19.3	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.70	22.73	22.68	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	22.62	22.68	22.54	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	22.60	22.62	22.58	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	22.57	22.59	22.53	23.8	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	23.27	23.38	23.31	24.5	0.0
30	PI/2 BPSK	1	80	23.21	23.25	23.23		
30	PI/2 BPSK	1	158	23.15	23.21	23.20		
30	PI/2 BPSK	80	0	23.15	23.22	23.20	24.0	0.5
30	PI/2 BPSK	80	40	23.20	23.25	23.22	24.5	0.0
30	PI/2 BPSK	80	80	23.15	23.21	23.18	24.0	0.5
30	PI/2 BPSK	160	0	23.29	23.32	23.30		
30	QPSK	1	1	23.01	23.18	23.06	24.5	0.0
30	QPSK	1	80	22.89	23.17	23.03		
30	QPSK	1	158	23.07	23.21	23.13		
30	QPSK	80	0	22.18	22.44	22.34	23.5	1.0
30	QPSK	80	40	22.89	23.07	22.95	24.5	0.0
30	QPSK	80	80	22.28	22.56	22.41	23.5	1.0
30	QPSK	160	0	22.28	22.55	22.50		
30	16QAM	1	1	22.43	22.64	22.55	23.5	1.0
30	64QAM	1	1	21.13	21.39	21.27	22.0	2.5
30	256QAM	1	1	19.15	19.33	19.22	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.21	23.37	23.32	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	23.18	23.36	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	23.10	23.23	23.15	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	23.08	23.26	23.16	24.5	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	22.86	22.98	22.71	23.8	0.0
30	PI/2 BPSK	1	80	22.83	22.95	22.65		
30	PI/2 BPSK	1	158	22.87	22.88	22.57		
30	PI/2 BPSK	80	0	22.52	22.56	22.48	23.3	0.5
30	PI/2 BPSK	80	40	22.83	22.86	22.78	23.8	0.0
30	PI/2 BPSK	80	80	22.32	22.36	22.28	23.3	0.5
30	PI/2 BPSK	160	0	22.42	22.45	22.38		
30	QPSK	1	1	22.71	22.83	22.81	23.8	0.0
30	QPSK	1	80	22.76	22.81	22.90		
30	QPSK	1	158	22.85	22.87	22.74		
30	QPSK	80	0	21.56	21.54	21.39	22.8	1.0
30	QPSK	80	40	22.84	22.85	22.80	23.8	0.0
30	QPSK	80	80	21.83	21.82	21.76	22.8	1.0
30	QPSK	160	0	21.89	21.86	21.78		
30	16QAM	1	1	22.08	22.05	22.03	22.8	1.0
30	64QAM	1	1	20.47	20.53	20.45	21.3	2.5
30	256QAM	1	1	18.43	18.36	18.44	19.3	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.80	22.83	22.79	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	22.78	22.84	22.70	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	22.72	22.64	22.60	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	22.70	22.64	22.58	23.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.27	23.35	23.29	24.2	0.0
40	PI/2 BPSK	1	53	23.11	23.17	23.15		
40	PI/2 BPSK	1	104	23.08	23.18	23.13		
40	PI/2 BPSK	50	0	23.10	23.15	23.12	23.7	0.5
40	PI/2 BPSK	50	28	23.12	23.18	23.15	24.2	0.0
40	PI/2 BPSK	50	56	23.05	23.12	23.10	23.7	0.5
40	PI/2 BPSK	100	0	23.11	23.17	23.14		
40	QPSK	1	1	23.30	23.33	23.32	24.2	0.0
40	QPSK	1	53	23.22	23.28	23.26		
40	QPSK	1	104	23.15	23.27	23.21		
40	QPSK	50	0	22.68	22.64	22.73	24.2	0.0
40	QPSK	50	28	23.14	23.06	23.18		
40	QPSK	50	56	22.61	22.65	22.66		
40	QPSK	100	0	22.61	22.62	22.65	23.2	1.0
40	16QAM	1	1	22.90	22.95	22.92	23.2	1.0
40	64QAM	1	1	21.25	21.32	21.30	21.7	2.5
40	256QAM	1	1	19.26	19.27	19.25	19.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.15	23.26	23.21	24.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	23.13	23.18	23.15	24.2	0.0

n38_Ant 31

BW [MHz]	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	23.76	23.99	23.80	25.0	0.0
40	PI/2 BPSK	1	53	23.69	23.85	23.75		
40	PI/2 BPSK	1	104	23.70	23.82	23.71		
40	PI/2 BPSK	50	0	23.60	23.70	23.62	24.5	0.5
40	PI/2 BPSK	50	28	23.67	23.78	23.68	25.0	0.0
40	PI/2 BPSK	50	56	23.58	23.65	23.61	24.5	0.5
40	PI/2 BPSK	100	0	23.65	23.76	23.67		
40	QPSK	1	1	23.78	23.82	23.80	25.0	0.0
40	QPSK	1	53	23.76	23.81	23.78		
40	QPSK	1	104	23.73	23.75	23.74		
40	QPSK	50	0	23.21	23.25	23.26	25.0	0.0
40	QPSK	50	28	23.69	23.72	23.67		
40	QPSK	50	56	23.17	23.29	23.25		
40	QPSK	100	0	23.23	23.24	23.23	24.0	1.0
40	16QAM	1	1	23.59	23.68	23.62	24.0	1.0
40	64QAM	1	1	22.09	22.10	22.04	22.5	2.5
40	256QAM	1	1	19.76	19.83	19.82	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.51	23.62	23.58	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	23.50	23.57	23.54	25.0	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.87	23.01	22.91	24.0	0.0
40	PI/2 BPSK	1	53	22.82	22.85	22.83		
40	PI/2 BPSK	1	104	22.80	22.83	22.81		
40	PI/2 BPSK	50	0	22.75	22.81	22.78	23.5	0.5
40	PI/2 BPSK	50	28	22.82	22.85	22.83	24.0	0.0
40	PI/2 BPSK	50	56	22.76	22.83	22.80	23.5	0.5
40	PI/2 BPSK	100	0	22.81	22.87	22.85		
40	QPSK	1	1	22.93	22.97	22.95	24.0	0.0
40	QPSK	1	53	22.89	22.95	22.93		
40	QPSK	1	104	22.93	22.94	22.91		
40	QPSK	50	0	22.37	22.36	22.37	24.0	0.0
40	QPSK	50	28	22.83	22.76	22.81		
40	QPSK	50	56	22.32	22.36	22.40		
40	QPSK	100	0	22.36	22.27	22.31	23.0	1.0
40	16QAM	1	1	22.79	22.69	22.72	23.0	1.0
40	64QAM	1	1	21.12	21.16	21.21	21.5	2.5
40	256QAM	1	1	18.96	18.89	18.88	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	22.83	22.89	22.85	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	22.81	22.86	22.84	24.0	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.92	23.08	22.98		
100	PI/2 BPSK	1	137	22.90	22.98	22.95	24.0	0.0
100	PI/2 BPSK	1	271	22.85	22.96	22.93		
100	PI/2 BPSK	135	0	22.91	22.96	22.93	23.5	0.5
100	PI/2 BPSK	135	69	22.98	23.04	23.01	24.0	0.0
100	PI/2 BPSK	135	138	22.99	23.02	23.01	23.5	0.5
100	PI/2 BPSK	270	0	22.93	22.96	22.94		
100	QPSK	1	1	23.01	23.06	23.01		
100	QPSK	1	137	23.00	23.02	23.00	24.0	0.0
100	QPSK	1	271	23.01	23.05	23.03		
100	QPSK	135	0	22.54	22.49	22.55		
100	QPSK	135	69	22.98	22.93	23.04	24.0	0.0
100	QPSK	135	138	22.47	22.49	22.51		
100	QPSK	270	0	22.45	22.47	22.48	23.0	1.0
100	16QAM	1	1	22.61	22.77	22.65	23.0	1.0
100	64QAM	1	1	21.12	21.22	21.18	21.5	2.5
100	256QAM	1	1	18.94	18.97	18.94	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	22.80	22.96	22.83	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	22.76	22.97	22.87	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	22.85	22.93	22.93	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	22.80	23.03	22.88	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	22.86	23.01	22.83	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	22.79	22.99	22.90	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	22.82	22.94	22.90	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	22.86	22.93	22.87	24.0	0.0

n41_Ant 31

BW [MHz]	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	23.61	23.85	23.65		
100	PI/2 BPSK	1	137	23.50	23.69	23.55	24.8	0.0
100	PI/2 BPSK	1	271	23.56	23.65	23.63		
100	PI/2 BPSK	135	0	23.51	23.58	23.52	24.3	0.5
100	PI/2 BPSK	135	69	23.55	23.62	23.58	24.8	0.0
100	PI/2 BPSK	135	138	23.51	23.56	23.52	24.3	0.5
100	PI/2 BPSK	270	0	23.54	23.57	23.55		
100	QPSK	1	1	23.54	23.73	23.58		
100	QPSK	1	137	23.44	23.72	23.61	24.8	0.0
100	QPSK	1	271	23.50	23.71	23.62		
100	QPSK	135	0	22.94	23.12	22.98		
100	QPSK	135	69	23.35	23.58	23.50	24.8	0.0
100	QPSK	135	138	22.92	23.10	23.03		
100	QPSK	270	0	22.82	23.06	22.98	23.8	1.0
100	16QAM	1	1	22.93	23.11	23.06	23.8	1.0
100	64QAM	1	1	21.65	21.89	21.81	22.3	2.5
100	256QAM	1	1	19.42	19.68	19.58	20.3	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	23.51	23.68	23.50	24.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	23.51	23.68	23.60	24.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	23.53	23.70	23.55	24.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.55	23.61	23.59	24.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.52	23.62	23.55	24.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.54	23.70	23.49	24.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	23.55	23.64	23.59	24.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.45	23.69	23.54	24.8	0.0

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.93	23.08	23.01		
100	PI/2 BPSK	1	137	22.88	23.05	23.00	24.0	0.0
100	PI/2 BPSK	1	271	22.91	23.03	22.95		
100	PI/2 BPSK	135	0	22.96	23.01	22.98	23.5	0.5
100	PI/2 BPSK	135	69	22.97	23.05	23.00	24.0	0.0
100	PI/2 BPSK	135	138	23.01	22.95	22.93	23.5	0.5
100	PI/2 BPSK	270	0	22.91	22.99	22.95		
100	QPSK	1	1	22.82	22.87	22.83		
100	QPSK	1	137	22.95	22.82	22.75	24.0	0.0
100	QPSK	1	271	23.02	22.92	23.06		
100	QPSK	135	0	22.35	22.33	22.42		
100	QPSK	135	69	22.79	22.77	22.96	24.0	0.0
100	QPSK	135	138	22.36	22.33	22.50		
100	QPSK	270	0	22.30	22.27	22.48	23.0	1.0
100	16QAM	1	1	22.48	22.58	22.63	23.0	1.0
100	64QAM	1	1	21.26	20.98	21.13	21.5	2.5
100	256QAM	1	1	18.96	18.76	18.86	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	22.86	22.96	22.86	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	22.79	22.98	22.85	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	22.83	22.92	22.86	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	22.80	22.96	22.86	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	22.81	22.95	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	22.87	23.01	22.92	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	22.87	22.98	22.91	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	22.84	22.99	22.92	24.0	0.0

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.27		24.3	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.10		23.8	0.5
100	PI/2 BPSK	135	69		23.12		24.3	0.0
100	PI/2 BPSK	135	138		22.54		23.8	0.5
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		23.16		24.3	0.0
100	QPSK	1	137		23.20			
100	QPSK	1	271		23.05			
100	QPSK	135	0		23.01		24.3	0.0
100	QPSK	135	69		23.02			
100	QPSK	135	138		23.00			
100	QPSK	270	0		21.99		23.3	1.0
100	16QAM	1	1		22.03		23.3	1.0
100	64QAM	1	1		20.75		21.8	2.5
100	256QAM	1	1		18.73		19.8	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.05	23.14	23.10	24.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.98	23.07	23.01	24.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.96	23.09	23.05	24.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.93	23.09	23.05	24.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.92	23.08	23.04	24.3	0.0

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.15	23.21	23.05	24.3	0.0
100	PI/2 BPSK	1	137	23.11	23.13	23.03		
100	PI/2 BPSK	1	271	23.08	23.11	23.01		
100	PI/2 BPSK	135	0	22.86	22.87	22.54	23.8	0.5
100	PI/2 BPSK	135	69	23.01	23.03	23.00	24.3	0.0
100	PI/2 BPSK	135	138	22.69	22.73	22.58	23.8	0.5
100	PI/2 BPSK	270	0	22.72	22.85	22.63		
100	QPSK	1	1	23.00	23.07	22.90	24.3	0.0
100	QPSK	1	137	22.84	22.93	22.78		
100	QPSK	1	271	22.85	22.95	22.71		
100	QPSK	135	0	22.36	22.52	22.34	24.3	0.0
100	QPSK	135	69	22.78	22.91	22.75		
100	QPSK	135	138	22.43	22.50	22.40		
100	QPSK	270	0	21.74	21.88	21.60	23.3	1.0
100	16QAM	1	1	22.17	22.30	22.08	23.3	1.0
100	64QAM	1	1	20.68	20.83	20.66	21.8	2.5
100	256QAM	1	1	18.40	18.54	18.28	19.8	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	23.01	23.10	22.93	24.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	23.03	23.10	22.90	24.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	23.09	23.16	22.99	24.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	23.07	23.06	22.89	24.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	23.10	23.07	22.94	24.3	0.0

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.11		23.8	0.0
100	PI/2 BPSK	1	137		23.06			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		22.52		23.3	0.5
100	PI/2 BPSK	135	69		22.96		23.8	0.0
100	PI/2 BPSK	135	138		22.39		23.3	0.5
100	PI/2 BPSK	270	0		22.47			
100	QPSK	1	1		23.10		23.8	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		23.05			
100	QPSK	135	0		22.85		23.8	0.0
100	QPSK	135	69		22.97			
100	QPSK	135	138		22.81			
100	QPSK	270	0		21.88		22.8	1.0
100	16QAM	1	1		22.31		22.8	1.0
100	64QAM	1	1		20.75		21.3	2.5
100	256QAM	1	1		18.53		19.3	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.01	23.02	23.05	23.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.87	22.95	22.91	23.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.93	22.96	22.95	23.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.93	22.95	22.95	23.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.85	22.97	22.98	23.8	0.0

Par27O n77_Ant 24

BW [MHz]	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	22.77	22.79	22.63	23.8	0.0
100	PI/2 BPSK	1	137	22.63	22.65	22.52		
100	PI/2 BPSK	1	271	22.61	22.63	22.45		
100	PI/2 BPSK	135	0	22.16	22.20	22.06	23.3	0.5
100	PI/2 BPSK	135	69	22.62	22.64	22.53	23.8	0.0
100	PI/2 BPSK	135	138	22.01	22.03	22.00	23.3	0.5
100	PI/2 BPSK	270	0	22.10	22.15	22.04		
100	QPSK	1	1	22.65	22.78	22.73	23.8	0.0
100	QPSK	1	137	22.44	22.55	22.48		
100	QPSK	1	271	22.30	22.41	22.27		
100	QPSK	135	0	22.33	22.42	22.26	23.8	0.0
100	QPSK	135	69	22.28	22.43	22.38		
100	QPSK	135	138	22.31	22.45	22.34		
100	QPSK	270	0	21.42	21.47	21.37	22.8	1.0
100	16QAM	1	1	21.25	21.41	21.33	22.8	1.0
100	64QAM	1	1	19.85	19.99	19.93	21.3	2.5
100	256QAM	1	1	17.94	18.03	17.98	19.3	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	22.64	22.68	22.49	23.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	22.63	22.70	22.57	23.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	22.68	22.73	22.52	23.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	22.62	22.72	22.52	23.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	22.72	22.73	22.52	23.8	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.12		25.0	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.72			
100	PI/2 BPSK	135	0		23.78		24.5	0.5
100	PI/2 BPSK	135	69		23.86		25.0	0.0
100	PI/2 BPSK	135	138		23.75		24.5	0.5
100	PI/2 BPSK	270	0		23.78			
100	QPSK	1	1		23.96		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.69			
100	QPSK	135	0		23.94		25.0	0.0
100	QPSK	135	69		23.78			
100	QPSK	135	138		23.68			
100	QPSK	270	0		23.74		24.0	1.0
100	16QAM	1	1		23.32		24.0	1.0
100	64QAM	1	1		22.16		22.5	2.5
100	256QAM	1	1		20.01		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.98	24.05	23.95	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.87	23.89	23.84	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.90	23.92	23.80	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.84	23.95	23.79	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.85	23.95	23.88	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.91	23.98	23.89	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.82	23.89	23.85	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.86	23.94	23.82	25.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.25		25.0	0.0
100	PI/2 BPSK	1	137		24.18			
100	PI/2 BPSK	1	271		24.14			
100	PI/2 BPSK	135	0		23.51		24.5	0.5
100	PI/2 BPSK	135	69		24.13		25.0	0.0
100	PI/2 BPSK	135	138		23.62		24.5	0.5
100	PI/2 BPSK	270	0		23.65			
100	QPSK	1	1		23.92		25.0	0.0
100	QPSK	1	137		24.18			
100	QPSK	1	271		24.14			
100	QPSK	135	0		23.05		25.0	0.0
100	QPSK	135	69		24.12			
100	QPSK	135	138		23.04			
100	QPSK	270	0		23.02		24.0	1.0
100	16QAM	1	1		23.17		24.0	1.0
100	64QAM	1	1		21.58		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	24.20	24.21	24.13	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	24.14	24.05	24.07	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	24.07	24.16	23.97	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	24.04	24.15	24.02	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	24.13	24.08	24.04	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	24.13	24.05	23.98	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	24.08	24.16	24.01	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	24.10	24.07	24.02	25.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.13		24.8	0.0
100	PI/2 BPSK	1	137		24.11			
100	PI/2 BPSK	1	271		24.09			
100	PI/2 BPSK	135	0		23.52		24.3	0.5
100	PI/2 BPSK	135	69		24.02		24.8	0.0
100	PI/2 BPSK	135	138		23.43		24.3	0.5
100	PI/2 BPSK	270	0		23.50			
100	QPSK	1	1		24.07		24.8	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		24.03			
100	QPSK	135	0		23.69		24.8	0.0
100	QPSK	135	69		23.89			
100	QPSK	135	138		23.66			
100	QPSK	270	0		22.88		23.8	1.0
100	16QAM	1	1		23.33		23.8	1.0
100	64QAM	1	1		21.78		22.3	2.5
100	256QAM	1	1		19.57		20.3	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	24.06	24.08	24.00	24.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.95	24.02	23.90	24.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	24.01	23.94	23.91	24.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.92	23.96	23.88	24.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.98	23.96	23.91	24.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.95	23.95	23.86	24.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.92	23.94	23.91	24.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.94	24.01	23.91	24.8	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.01		24.8	0.0
100	PI/2 BPSK	1	137		24.00			
100	PI/2 BPSK	1	271		23.90			
100	PI/2 BPSK	135	0		23.36		24.3	0.5
100	PI/2 BPSK	135	69		23.88		24.8	0.0
100	PI/2 BPSK	135	138		23.23		24.3	0.5
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.89		24.8	0.0
100	QPSK	1	137		23.81			
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.60		24.8	0.0
100	QPSK	135	69		23.79			
100	QPSK	135	138		23.67			
100	QPSK	270	0		22.71		23.8	1.0
100	16QAM	1	1		23.06		23.8	1.0
100	64QAM	1	1		21.46		22.3	2.5
100	256QAM	1	1		19.32		20.3	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.86	23.87	23.80	24.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.78	23.78	23.69	24.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.74	23.81	23.72	24.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.81	23.76	23.67	24.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.74	23.79	23.65	24.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.73	23.75	23.68	24.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.79	23.80	23.71	24.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.76	23.73	23.72	24.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.90		25.0	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.74			
100	PI/2 BPSK	135	0		23.76		24.5	0.5
100	PI/2 BPSK	135	69		23.80		25.0	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.5
100	PI/2 BPSK	270	0		23.58			
100	QPSK	1	1		23.76		25.0	0.0
100	QPSK	1	137		23.72			
100	QPSK	1	271		23.81			
100	QPSK	135	0		23.71		25.0	0.0
100	QPSK	135	69		23.73			
100	QPSK	135	138		23.71			
100	QPSK	270	0		23.60		24.0	1.0
100	16QAM	1	1		23.72		24.0	1.0
100	64QAM	1	1		22.39		22.5	2.5
100	256QAM	1	1		20.33		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.86	23.78	23.78	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.84	23.75	23.74	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.83	23.79	23.72	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.80	23.82	23.71	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.86	23.78	23.76	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.85	23.77	23.71	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.76	23.79	23.77	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.81	23.79	23.80	25.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.90			
100	PI/2 BPSK	1	137		23.83		25.0	0.0
100	PI/2 BPSK	1	271		23.86			
100	PI/2 BPSK	135	0		23.78		24.5	0.5
100	PI/2 BPSK	135	69		23.84		25.0	0.0
100	PI/2 BPSK	135	138		23.77		24.5	0.5
100	PI/2 BPSK	270	0		23.76			
100	QPSK	1	1		23.77			
100	QPSK	1	137		23.74		25.0	0.0
100	QPSK	1	271		23.80			
100	QPSK	135	0		23.64			
100	QPSK	135	69		23.70		25.0	0.0
100	QPSK	135	138		23.74			
100	QPSK	270	0		23.63		24.0	1.0
100	16QAM	1	1		23.76		24.0	1.0
100	64QAM	1	1		22.26		22.5	2.5
100	256QAM	1	1		20.25		20.5	4.5
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.78	23.81	23.71	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.86	23.79	23.76	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.85	23.86	23.73	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.80	23.86	23.70	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.82	23.86	23.78	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.75	23.86	23.78	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.86	23.87	23.71	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.76	23.77	23.79	25.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.48			
100	PI/2 BPSK	1	137		23.41		24.5	0.0
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.32		24.0	0.5
100	PI/2 BPSK	135	69		23.33		24.5	0.0
100	PI/2 BPSK	135	138		23.22		24.0	0.5
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.45			
100	QPSK	1	137		23.38		24.5	0.0
100	QPSK	1	271		23.31			
100	QPSK	135	0		23.21			
100	QPSK	135	69		23.25		24.5	0.0
100	QPSK	135	138		23.25			
100	QPSK	270	0		22.75		23.5	1.0
100	16QAM	1	1		22.85		23.5	1.0
100	64QAM	1	1		20.82		22.0	2.5
100	256QAM	1	1		19.35		20.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.43	23.45	23.41	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.30	23.36	23.33	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.35	23.35	23.33	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.28	23.29	23.34	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.28	23.38	23.28	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.36	23.29	23.26	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.30	23.39	23.35	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.29	23.37	23.30	24.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.43			
100	PI/2 BPSK	1	137		23.32		24.5	0.0
100	PI/2 BPSK	1	271		23.25			
100	PI/2 BPSK	135	0		22.74		24.0	0.5
100	PI/2 BPSK	135	69		23.19		24.5	0.0
100	PI/2 BPSK	135	138		22.51		24.0	0.5
100	PI/2 BPSK	270	0		22.82			
100	QPSK	1	1		23.38			
100	QPSK	1	137		23.20		24.5	0.0
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.05			
100	QPSK	135	69		23.11		24.5	0.0
100	QPSK	135	138		23.10			
100	QPSK	270	0		22.05		23.5	1.0
100	16QAM	1	1		22.54		23.5	1.0
100	64QAM	1	1		20.97		22.0	2.5
100	256QAM	1	1		18.88		20.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.31	23.33	23.25	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.24	23.27	23.14	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.19	23.17	23.14	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.20	23.28	23.20	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.24	23.23	23.12	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.20	23.26	23.12	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.21	23.19	23.15	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.18	23.22	23.18	24.5	0.0

Reduced Power for DSI 2

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	13.12	13.25	13.11	14.3	0.0
20	PI/2 BPSK	1	53	13.11	13.14	13.04		
20	PI/2 BPSK	1	104	13.10	13.16	13.02		
20	PI/2 BPSK	50	0	13.06	13.08	13.02	14.3	0.0
20	PI/2 BPSK	50	28	13.08	13.12	13.05	14.3	0.0
20	PI/2 BPSK	50	56	13.02	13.04	13.03	14.3	0.0
20	PI/2 BPSK	100	0	13.08	13.12	13.07		
20	QPSK	1	1	13.05	13.16	12.87	14.3	0.0
20	QPSK	1	53	13.10	13.18	12.94		
20	QPSK	1	104	13.02	13.18	12.91		
20	QPSK	50	0	13.04	13.13	12.87	14.3	0.0
20	QPSK	50	28	13.04	13.11	12.91	14.3	0.0
20	QPSK	50	56	12.94	13.07	12.85	14.3	0.0
20	QPSK	100	0	13.01	13.08	12.86		
20	16QAM	1	1	12.99	13.11	12.87	14.3	0.0
20	64QAM	1	1	13.13	13.21	13.08	14.3	0.0
20	256QAM	1	1	13.04	13.20	13.06	14.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	13.12	13.17	13.08	14.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	13.03	13.05	12.95	14.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	13.00	13.03	12.86	14.3	0.0

n2_Ant 31

BW [MHz]	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	22.68	22.71	22.53	23.5	0.0
20	PI/2 BPSK	1	53	22.66	22.67	22.46		
20	PI/2 BPSK	1	104	22.57	22.65	22.42		
20	PI/2 BPSK	50	0	22.14	22.16	21.96	23.0	0.5
20	PI/2 BPSK	50	28	22.60	22.63	22.49	23.5	0.0
20	PI/2 BPSK	50	56	22.00	22.03	21.93	23.0	0.5
20	PI/2 BPSK	100	0	22.02	22.05	21.95		
20	QPSK	1	1	22.66	22.70	22.65	23.5	0.0
20	QPSK	1	53	22.64	22.65	22.55		
20	QPSK	1	104	22.58	22.61	22.56		
20	QPSK	50	0	21.59	21.53	21.58	23.5	0.0
20	QPSK	50	28	22.17	22.56	22.51	23.5	0.0
20	QPSK	50	56	21.35	21.53	21.41	23.5	0.0
20	QPSK	100	0	21.47	21.48	21.43		
20	16QAM	1	1	21.72	21.54	21.73	22.5	1.0
20	64QAM	1	1	20.24	20.28	20.26	21.0	2.5
20	256QAM	1	1	18.27	18.23	17.97	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	22.53	22.61	22.48	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	22.54	22.65	22.48	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	22.59	22.63	22.38	23.5	0.0

n5_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.15	20.31	20.16	21.0	0.0
20	PI/2 BPSK	1	53	20.02	20.01	19.99		
20	PI/2 BPSK	1	104	19.95	19.96	19.88		
20	PI/2 BPSK	50	0	20.09	20.06	20.02	21.0	0.0
20	PI/2 BPSK	50	28	20.16	20.18	20.17	21.0	0.0
20	PI/2 BPSK	50	56	20.04	19.98	19.98	21.0	0.0
20	PI/2 BPSK	100	0	20.12	20.17	20.03		
20	QPSK	1	1	20.02	20.12	19.99	21.0	0.0
20	QPSK	1	53	19.86	20.01	19.88		
20	QPSK	1	104	19.89	20.02	19.91		
20	QPSK	50	0	20.06	20.16	20.04	21.0	0.0
20	QPSK	50	28	20.00	20.05	19.98	21.0	0.0
20	QPSK	50	56	19.91	19.96	19.80	21.0	0.0
20	QPSK	100	0	19.88	20.03	19.92		
20	16QAM	1	1	20.08	20.15	20.06	21.0	0.0
20	64QAM	1	1	20.06	20.13	20.08	21.0	0.0
20	256QAM	1	1	19.01	19.11	18.98	20.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.09	20.25	20.02	21.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.07	20.19	20.04	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.05	20.17	20.03	21.0	0.0

n5_Ant 41

BW [MHz]	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	23.70	23.74	23.72	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.67	23.61		
20	PI/2 BPSK	1	104	23.51	23.55	23.52		
20	PI/2 BPSK	50	0	23.20	23.22	23.18	24.0	0.5
20	PI/2 BPSK	50	28	23.62	23.67	23.60	24.5	0.0
20	PI/2 BPSK	50	56	23.15	23.17	23.11	24.0	0.5
20	PI/2 BPSK	100	0	23.20	23.23	23.19		
20	QPSK	1	1	23.62	23.71	23.53	24.5	0.0
20	QPSK	1	53	23.60	23.72	23.61		
20	QPSK	1	104	23.56	23.65	23.60		
20	QPSK	50	0	22.72	22.69	22.74	23.5	1.0
20	QPSK	50	28	23.68	23.68	23.63	24.5	0.0
20	QPSK	50	56	22.63	22.64	22.64	23.5	1.0
20	QPSK	100	0	22.75	22.65	22.63		
20	16QAM	1	1	22.95	22.87	22.91	23.5	1.0
20	64QAM	1	1	21.43	21.41	21.45	22.0	2.5
20	256QAM	1	1	19.24	19.23	19.22	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.64	23.61	23.56	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.54	23.59	23.63	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.59	23.60	23.66	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.68	13.83	13.69	14.7	0.0
20	PI/2 BPSK	1	53	13.57	13.56	13.64		
20	PI/2 BPSK	1	104	13.65	13.57	13.53		
20	PI/2 BPSK	50	0	13.60	13.59	13.67	14.7	0.0
20	PI/2 BPSK	50	28	13.67	13.69	13.68	14.7	0.0
20	PI/2 BPSK	50	56	13.65	13.62	13.66	14.7	0.0
20	PI/2 BPSK	100	0	13.66	13.74	13.65		
20	QPSK	1	1	13.57	13.66	13.58	14.7	0.0
20	QPSK	1	53	13.48	13.64	13.50		
20	QPSK	1	104	13.49	13.61	13.47		
20	QPSK	50	0	13.51	13.64	13.55	14.7	0.0
20	QPSK	50	28	13.51	13.66	13.52	14.7	0.0
20	QPSK	50	56	13.41	13.57	13.50	14.7	0.0
20	QPSK	100	0	13.56	13.62	13.51		
20	16QAM	1	1	13.60	13.76	13.60	14.7	0.0
20	64QAM	1	1	13.69	13.75	13.66	14.7	0.0
20	256QAM	1	1	13.64	13.70	13.54	14.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.59	13.68	13.56	14.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.61	13.77	13.53	14.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.62	13.73	13.54	14.7	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.08	23.36	22.95	24.3	0.0
20	PI/2 BPSK	1	53	23.03	23.07	22.85		
20	PI/2 BPSK	1	104	22.98	22.96	22.89		
20	PI/2 BPSK	50	0	22.94	23.06	22.82	23.8	0.5
20	PI/2 BPSK	50	28	23.02	23.09	22.86	24.3	0.0
20	PI/2 BPSK	50	56	22.96	23.02	22.77	23.8	0.5
20	PI/2 BPSK	100	0	22.97	23.06	22.83		
20	QPSK	1	1	22.78	23.15	22.87	24.3	0.0
20	QPSK	1	53	22.46	23.07	22.92		
20	QPSK	1	104	22.42	23.02	22.86		
20	QPSK	50	0	22.37	22.56	22.33	24.3	0.0
20	QPSK	50	28	22.48	22.98	22.84	24.3	0.0
20	QPSK	50	56	22.45	22.51	22.34	24.3	0.0
20	QPSK	100	0	22.28	22.52	22.28		
20	16QAM	1	1	22.42	22.80	22.60	23.3	1.0
20	64QAM	1	1	20.72	21.24	20.94	21.8	2.5
20	256QAM	1	1	18.42	19.03	18.76	19.8	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.01	23.06	22.98	24.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.72	22.74	22.70	24.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.78	22.81	22.75	24.3	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.22	16.42	16.21	17.2	0.0
20	PI/2 BPSK	1	53	16.07	16.23	16.16		
20	PI/2 BPSK	1	104	16.13	16.23	16.15		
20	PI/2 BPSK	50	0	16.09	16.19	16.18	17.2	0.0
20	PI/2 BPSK	50	28	16.16	16.26	16.19	17.2	0.0
20	PI/2 BPSK	50	56	16.13	16.17	16.14	17.2	0.0
20	PI/2 BPSK	100	0	16.07	16.25	16.17		
20	QPSK	1	1	16.11	16.27	16.20	17.2	0.0
20	QPSK	1	53	16.08	16.24	16.15		
20	QPSK	1	104	16.13	16.25	16.16		
20	QPSK	50	0	16.14	16.19	16.09	17.2	0.0
20	QPSK	50	28	16.08	16.21	16.11	17.2	0.0
20	QPSK	50	56	16.17	16.22	16.12	17.2	0.0
20	QPSK	100	0	16.04	16.18	16.10		
20	16QAM	1	1	16.27	16.33	16.23	17.2	0.0
20	64QAM	1	1	16.08	16.23	16.16	17.2	0.0
20	256QAM	1	1	16.19	16.24	16.09	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.09	16.33	16.08	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.10	16.37	16.07	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.17	16.34	16.07	17.2	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	14.86	14.92	14.76	15.8	0.0
30	PI/2 BPSK	1	80	14.83	14.79	14.65		
30	PI/2 BPSK	1	158	14.79	14.62	14.71		
30	PI/2 BPSK	80	0	14.85	14.76	14.66	15.8	0.0
30	PI/2 BPSK	80	40	14.86	14.88	14.74	15.8	0.0
30	PI/2 BPSK	80	80	14.83	14.81	14.72	15.8	0.0
30	PI/2 BPSK	160	0	14.90	14.91	14.71		
30	QPSK	1	1	14.71	14.82	14.77	15.8	0.0
30	QPSK	1	80	14.67	14.80	14.64		
30	QPSK	1	158	14.59	14.69	14.55		
30	QPSK	80	0	14.71	14.82	14.75	15.8	0.0
30	QPSK	80	40	14.56	14.69	14.57	15.8	0.0
30	QPSK	80	80	14.66	14.74	14.68	15.8	0.0
30	QPSK	160	0	14.68	14.74	14.59		
30	16QAM	1	1	14.80	14.89	14.83	15.8	0.0
30	64QAM	1	1	14.82	14.91	14.82	15.8	0.0
30	256QAM	1	1	14.68	14.83	14.67	15.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	14.80	14.87	14.67	15.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	14.78	14.77	14.61	15.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	14.75	14.78	14.65	15.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	14.74	14.86	14.64	15.8	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	23.27	23.38	23.31	24.5	0.0
30	PI/2 BPSK	1	80	23.21	23.25	23.23		
30	PI/2 BPSK	1	158	23.15	23.21	23.20		
30	PI/2 BPSK	80	0	23.15	23.22	23.20	24.0	0.5
30	PI/2 BPSK	80	40	23.20	23.25	23.22	24.5	0.0
30	PI/2 BPSK	80	80	23.15	23.21	23.18	24.0	0.5
30	PI/2 BPSK	160	0	23.29	23.32	23.30		
30	QPSK	1	1	23.01	23.18	23.06	24.5	0.0
30	QPSK	1	80	22.89	23.17	23.03		
30	QPSK	1	158	23.07	23.21	23.13		
30	QPSK	80	0	22.18	22.44	22.34	23.5	1.0
30	QPSK	80	40	22.89	23.07	22.95	24.5	0.0
30	QPSK	80	80	22.28	22.56	22.41	23.5	1.0
30	QPSK	160	0	22.28	22.55	22.50		
30	16QAM	1	1	22.43	22.64	22.55	23.5	1.0
30	64QAM	1	1	21.13	21.39	21.27	22.0	2.5
30	256QAM	1	1	19.15	19.33	19.22	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.21	23.37	23.32	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	23.18	23.36	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	23.10	23.23	23.15	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	23.08	23.26	23.16	24.5	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	18.03	18.12	17.86	18.8	0.0
30	PI/2 BPSK	1	80	17.96	17.96	17.78		
30	PI/2 BPSK	1	158	17.89	17.83	17.79		
30	PI/2 BPSK	80	0	17.81	17.84	17.82	18.8	0.0
30	PI/2 BPSK	80	40	17.87	18.04	17.86	18.8	0.0
30	PI/2 BPSK	80	80	17.82	17.89	17.85	18.8	0.0
30	PI/2 BPSK	160	0	18.04	18.09	17.87		
30	QPSK	1	1	17.97	18.02	17.96	18.8	0.0
30	QPSK	1	80	17.78	17.94	17.89		
30	QPSK	1	158	17.72	17.85	17.77		
30	QPSK	80	0	17.81	17.96	17.90	18.8	0.0
30	QPSK	80	40	17.80	17.93	17.79	18.8	0.0
30	QPSK	80	80	17.75	17.91	17.86	18.8	0.0
30	QPSK	160	0	17.86	17.91	17.78		
30	16QAM	1	1	18.03	18.09	17.98	18.8	0.0
30	64QAM	1	1	17.98	18.05	17.96	18.8	0.0
30	256QAM	1	1	18.01	18.06	17.99	18.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.92	17.99	17.79	18.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	17.90	18.06	17.78	18.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	17.96	17.99	17.72	18.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	17.88	18.02	17.70	18.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.56	13.65	13.42	14.7	0.0
40	PI/2 BPSK	1	53	13.32	13.29	13.23		
40	PI/2 BPSK	1	104	13.30	13.24	13.21		
40	PI/2 BPSK	50	0	13.33	13.24	13.20	14.7	0.0
40	PI/2 BPSK	50	28	13.39	13.46	13.34	14.7	0.0
40	PI/2 BPSK	50	56	13.27	13.21	13.18	14.7	0.0
40	PI/2 BPSK	100	0	13.33	13.42	13.25		
40	QPSK	1	1	13.39	13.52	13.47	14.7	0.0
40	QPSK	1	53	13.26	13.32	13.20		
40	QPSK	1	104	13.16	13.31	13.21		
40	QPSK	50	0	13.33	13.38	13.24	14.7	0.0
40	QPSK	50	28	13.13	13.27	13.17		
40	QPSK	50	56	13.16	13.27	13.17		
40	QPSK	100	0	13.29	13.34	13.24	14.7	0.0
40	16QAM	1	1	13.42	13.56	13.49	14.7	0.0
40	64QAM	1	1	13.41	13.53	13.45	14.7	0.0
40	256QAM	1	1	13.47	13.54	13.47	14.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	13.48	13.58	13.35	14.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	13.49	13.49	13.37	14.7	0.0

n38_Ant 31

BW [MHz]	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	23.76	23.99	23.80	25.0	0.0
40	PI/2 BPSK	1	53	23.69	23.85	23.75		
40	PI/2 BPSK	1	104	23.70	23.82	23.71		
40	PI/2 BPSK	50	0	23.60	23.70	23.62	24.5	0.5
40	PI/2 BPSK	50	28	23.67	23.78	23.68	25.0	0.0
40	PI/2 BPSK	50	56	23.58	23.65	23.61	24.5	0.5
40	PI/2 BPSK	100	0	23.65	23.76	23.67		
40	QPSK	1	1	23.78	23.82	23.80	25.0	0.0
40	QPSK	1	53	23.76	23.81	23.78		
40	QPSK	1	104	23.73	23.75	23.74		
40	QPSK	50	0	23.21	23.25	23.26	25.0	0.0
40	QPSK	50	28	23.69	23.72	23.67		
40	QPSK	50	56	23.17	23.29	23.25		
40	QPSK	100	0	23.23	23.24	23.23	24.0	1.0
40	16QAM	1	1	23.59	23.68	23.62	24.0	1.0
40	64QAM	1	1	22.09	22.10	22.04	22.5	2.5
40	256QAM	1	1	19.76	19.83	19.82	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.51	23.62	23.58	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	23.50	23.57	23.54	25.0	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.54	15.78	15.63	17.0	0.0
40	PI/2 BPSK	1	53	15.38	15.56	15.46		
40	PI/2 BPSK	1	104	15.54	15.55	15.59		
40	PI/2 BPSK	50	0	15.39	15.48	15.41	17.0	0.0
40	PI/2 BPSK	50	28	15.49	15.57	15.56	17.0	0.0
40	PI/2 BPSK	50	56	15.44	15.51	15.47	17.0	0.0
40	PI/2 BPSK	100	0	15.56	15.60	15.41		
40	QPSK	1	1	15.48	15.63	15.48	17.0	0.0
40	QPSK	1	53	15.62	15.67	15.56		
40	QPSK	1	104	15.49	15.64	15.49		
40	QPSK	50	0	15.38	15.48	15.35	17.0	0.0
40	QPSK	50	28	15.37	15.49	15.35		
40	QPSK	50	56	15.41	15.57	15.45		
40	QPSK	100	0	15.40	15.52	15.37	17.0	0.0
40	16QAM	1	1	15.30	15.45	15.32	17.0	0.0
40	64QAM	1	1	15.55	15.64	15.56	17.0	0.0
40	256QAM	1	1	15.50	15.64	15.50	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	15.49	15.63	15.50	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	15.38	15.64	15.49	17.0	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.33	14.43	14.15	15.5	0.0
100	PI/2 BPSK	1	137	14.24	14.12	14.03		
100	PI/2 BPSK	1	271	14.17	14.08	13.95		
100	PI/2 BPSK	135	0	14.26	14.19	14.15	15.5	0.0
100	PI/2 BPSK	135	69	14.27	14.28	14.22	15.5	0.0
100	PI/2 BPSK	135	138	14.13	14.09	13.94	15.5	0.0
100	PI/2 BPSK	270	0	14.24	14.27	14.02		
100	QPSK	1	1	14.18	14.32	14.17	15.5	0.0
100	QPSK	1	137	14.08	14.23	14.12		
100	QPSK	1	271	14.05	14.13	14.04		
100	QPSK	135	0	14.17	14.31	14.23	15.5	0.0
100	QPSK	135	69	14.00	14.11	13.97		
100	QPSK	135	138	14.05	14.13	14.04		
100	QPSK	270	0	13.99	14.15	14.08	15.5	0.0
100	16QAM	1	1	14.21	14.37	14.23	15.5	0.0
100	64QAM	1	1	14.15	14.29	14.14	15.5	0.0
100	256QAM	1	1	14.00	14.13	14.03	15.5	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	14.25	14.31	14.02	15.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	14.22	14.30	14.03	15.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	14.23	14.33	14.09	15.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	14.19	14.31	14.03	15.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	14.22	14.28	14.08	15.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	14.24	14.37	14.05	15.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	14.19	14.37	14.01	15.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	14.18	14.38	14.01	15.5	0.0

n41_Ant 31

BW [MHz]	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	23.61	23.85	23.65	24.8	0.0
100	PI/2 BPSK	1	137	23.50	23.69	23.55		
100	PI/2 BPSK	1	271	23.56	23.65	23.63		
100	PI/2 BPSK	135	0	23.51	23.58	23.52	24.3	0.5
100	PI/2 BPSK	135	69	23.55	23.62	23.58	24.8	0.0
100	PI/2 BPSK	135	138	23.51	23.56	23.52	24.3	0.5
100	PI/2 BPSK	270	0	23.54	23.57	23.55		
100	QPSK	1	1	23.54	23.73	23.58	24.8	0.0
100	QPSK	1	137	23.44	23.72	23.61		
100	QPSK	1	271	23.50	23.71	23.62		
100	QPSK	135	0	22.94	23.12	22.98	24.8	0.0
100	QPSK	135	69	23.35	23.58	23.50		
100	QPSK	135	138	22.92	23.10	23.03		
100	QPSK	270	0	22.82	23.06	22.98	23.8	1.0
100	16QAM	1	1	22.93	23.11	23.06	23.8	1.0
100	64QAM	1	1	21.65	21.89	21.81	22.3	2.5
100	256QAM	1	1	19.42	19.68	19.58	20.3	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	23.51	23.68	23.50	24.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	23.51	23.68	23.60	24.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	23.53	23.70	23.55	24.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	23.55	23.61	23.59	24.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.52	23.62	23.55	24.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	23.54	23.70	23.49	24.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	23.55	23.64	23.59	24.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	23.45	23.69	23.54	24.8	0.0

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.63	15.78	15.71	17.0	0.0
100	PI/2 BPSK	1	137	15.58	15.75	15.70		
100	PI/2 BPSK	1	271	15.61	15.73	15.65		
100	PI/2 BPSK	135	0	15.66	15.71	15.68	17.0	0.0
100	PI/2 BPSK	135	69	15.67	15.75	15.70	17.0	0.0
100	PI/2 BPSK	135	138	15.61	15.65	15.63	17.0	0.0
100	PI/2 BPSK	270	0	15.61	15.69	15.65		
100	QPSK	1	1	15.52	15.57	15.53	17.0	0.0
100	QPSK	1	137	15.65	15.52	15.45		
100	QPSK	1	271	15.72	15.62	15.76		
100	QPSK	135	0	15.05	15.03	15.12	17.0	0.0
100	QPSK	135	69	15.49	15.47	15.66		
100	QPSK	135	138	15.06	15.03	15.20		
100	QPSK	270	0	15.00	15.03	15.18	17.0	0.0
100	16QAM	1	1	15.18	15.28	15.33	17.0	0.0
100	64QAM	1	1	15.46	15.18	15.33	17.0	0.0
100	256QAM	1	1	15.66	15.46	15.56	17.0	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	15.56	15.70	15.58	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	15.48	15.69	15.56	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	15.54	15.68	15.62	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	15.53	15.69	15.56	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	15.54	15.73	15.57	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	15.50	15.69	15.61	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	15.52	15.64	15.57	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	15.54	15.65	15.60	17.0	0.0

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.68		15.3	0.0
100	PI/2 BPSK	1	137		14.43			
100	PI/2 BPSK	1	271		14.63			
100	PI/2 BPSK	135	0		14.51		15.3	0.0
100	PI/2 BPSK	135	69		14.59		15.3	0.0
100	PI/2 BPSK	135	138		14.43		15.3	0.0
100	PI/2 BPSK	270	0		14.52			
100	QPSK	1	1		14.48		15.3	0.0
100	QPSK	1	137		14.41			
100	QPSK	1	271		14.66			
100	QPSK	135	0		14.52		15.3	0.0
100	QPSK	135	69		14.47			
100	QPSK	135	138		14.50			
100	QPSK	270	0		14.56		15.3	0.0
100	16QAM	1	1		14.53		15.3	0.0
100	64QAM	1	1		14.66		15.3	0.0
100	256QAM	1	1		14.50		15.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.35	14.01	14.01	15.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.22	13.85	13.90	15.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.24	13.85	13.88	15.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.19	13.87	13.86	15.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.24	13.92	13.92	15.3	0.0

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.99	14.05	13.91	15.3	0.0
100	PI/2 BPSK	1	137	13.79	13.93	13.83		
100	PI/2 BPSK	1	271	13.90	14.01	13.93		
100	PI/2 BPSK	135	0	13.67	13.77	13.64	15.3	0.0
100	PI/2 BPSK	135	69	13.77	13.91	13.80	15.3	0.0
100	PI/2 BPSK	135	138	13.75	13.88	13.76	15.3	0.0
100	PI/2 BPSK	270	0	13.73	13.89	13.83		
100	QPSK	1	1	13.74	13.83	13.71	15.3	0.0
100	QPSK	1	137	13.75	13.84	13.78		
100	QPSK	1	271	13.95	14.01	13.95		
100	QPSK	135	0	13.68	13.81	13.67	15.3	0.0
100	QPSK	135	69	13.77	13.83	13.75		
100	QPSK	135	138	13.89	13.94	13.84		
100	QPSK	270	0	13.88	13.93	13.78	15.3	0.0
100	16QAM	1	1	13.92	14.03	13.96	15.3	0.0
100	64QAM	1	1	13.89	14.01	13.89	15.3	0.0
100	256QAM	1	1	13.73	13.82	13.76	15.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	13.92	13.94	13.85	15.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	13.84	14.00	13.75	15.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.94	13.95	13.84	15.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	13.86	13.96	13.83	15.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	13.83	13.96	13.84	15.3	0.0

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.15		16.8	0.0
100	PI/2 BPSK	1	137		15.94			
100	PI/2 BPSK	1	271		15.98			
100	PI/2 BPSK	135	0		16.01		16.8	0.0
100	PI/2 BPSK	135	69		16.07		16.8	0.0
100	PI/2 BPSK	135	138		15.80		16.8	0.0
100	PI/2 BPSK	270	0		15.86			
100	QPSK	1	1		16.12		16.8	0.0
100	QPSK	1	137		15.90			
100	QPSK	1	271		15.97			
100	QPSK	135	0		15.94		16.8	0.0
100	QPSK	135	69		15.84			
100	QPSK	135	138		15.86			
100	QPSK	270	0		15.91		16.8	0.0
100	16QAM	1	1		16.13		16.8	0.0
100	64QAM	1	1		16.03		16.8	0.0
100	256QAM	1	1		15.94		16.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.06	16.08	16.09	16.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.09	16.05	16.06	16.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.07	16.02	16.06	16.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	16.09	16.10	16.08	16.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.06	16.04	16.04	16.8	0.0

Par27O n77_Ant 24

BW [MHz]	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	15.71	15.78	15.71	16.8	0.0
100	PI/2 BPSK	1	137	15.22	15.36	15.22		
100	PI/2 BPSK	1	271	14.95	15.08	15.02		
100	PI/2 BPSK	135	0	15.24	15.32	15.21	16.8	0.0
100	PI/2 BPSK	135	69	15.26	15.42	15.37	16.8	0.0
100	PI/2 BPSK	135	138	14.92	15.06	14.96	16.8	0.0
100	PI/2 BPSK	270	0	15.25	15.35	15.22		
100	QPSK	1	1	15.54	15.60	15.46	16.8	0.0
100	QPSK	1	137	15.22	15.32	15.16		
100	QPSK	1	271	15.00	15.13	15.00		
100	QPSK	135	0	15.31	15.40	15.30	16.8	0.0
100	QPSK	135	69	15.20	15.29	15.20		
100	QPSK	135	138	15.03	15.15	15.05		
100	QPSK	270	0	15.29	15.37	15.25	16.8	0.0
100	16QAM	1	1	15.63	15.69	15.61	16.8	0.0
100	64QAM	1	1	15.59	15.69	15.58	16.8	0.0
100	256QAM	1	1	15.38	15.51	15.41	16.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	15.66	15.64	15.66	16.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	15.56	15.71	15.65	16.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.63	15.64	15.65	16.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	15.64	15.66	15.62	16.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	15.63	15.72	15.60	16.8	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.45		15.0	0.0
100	PI/2 BPSK	1	137		14.34			
100	PI/2 BPSK	1	271		14.39			
100	PI/2 BPSK	135	0		14.38		15.0	0.0
100	PI/2 BPSK	135	69		14.39		15.0	0.0
100	PI/2 BPSK	135	138		14.31		15.0	0.0
100	PI/2 BPSK	270	0		14.31			
100	QPSK	1	1		14.33		15.0	0.0
100	QPSK	1	137		14.36			
100	QPSK	1	271		14.36			
100	QPSK	135	0		14.33		15.0	0.0
100	QPSK	135	69		14.36			
100	QPSK	135	138		14.38			
100	QPSK	270	0		14.38		15.0	0.0
100	16QAM	1	1		14.43		15.0	0.0
100	64QAM	1	1		14.37		15.0	0.0
100	256QAM	1	1		14.29		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.33	14.34	14.32	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.22	14.22	14.23	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.18	14.23	14.17	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.22	14.29	14.18	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.17	14.27	14.22	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.20	14.19	14.18	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.20	14.25	14.20	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.27	14.20	14.21	15.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.19		15.0	0.0
100	PI/2 BPSK	1	137		13.83			
100	PI/2 BPSK	1	271		13.81			
100	PI/2 BPSK	135	0		13.89		15.0	0.0
100	PI/2 BPSK	135	69		13.90		15.0	0.0
100	PI/2 BPSK	135	138		13.79		15.0	0.0
100	PI/2 BPSK	270	0		13.85			
100	QPSK	1	1		14.03		15.0	0.0
100	QPSK	1	137		13.83			
100	QPSK	1	271		13.83			
100	QPSK	135	0		13.91		15.0	0.0
100	QPSK	135	69		13.83			
100	QPSK	135	138		13.81			
100	QPSK	270	0		13.91		15.0	0.0
100	16QAM	1	1		14.18		15.0	0.0
100	64QAM	1	1		14.13		15.0	0.0
100	256QAM	1	1		13.89		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.12	14.12	14.03	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.11	14.07	14.13	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.09	14.09	14.03	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.12	14.12	14.10	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.13	14.04	14.07	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.09	14.10	14.06	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	14.03	14.04	14.14	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.06	14.07	14.09	15.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.06		16.8	0.0
100	PI/2 BPSK	1	137		15.79			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.79		16.8	0.0
100	PI/2 BPSK	135	69		15.80		16.8	0.0
100	PI/2 BPSK	135	138		15.78		16.8	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.92		16.8	0.0
100	QPSK	1	137		15.80			
100	QPSK	1	271		15.86			
100	QPSK	135	0		15.79		16.8	0.0
100	QPSK	135	69		15.80			
100	QPSK	135	138		15.76			
100	QPSK	270	0		15.85		16.8	0.0
100	16QAM	1	1		16.04		16.8	0.0
100	64QAM	1	1		15.96		16.8	0.0
100	256QAM	1	1		15.75		16.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.99	15.90	15.95	16.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.97	15.92	15.96	16.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	16.01	15.98	15.90	16.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.96	15.97	15.96	16.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.00	15.91	15.91	16.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	16.01	15.97	15.92	16.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.91	16.00	15.93	16.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.96	15.91	16.00	16.8	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.18		16.8	0.0
100	PI/2 BPSK	1	137		15.94			
100	PI/2 BPSK	1	271		15.96			
100	PI/2 BPSK	135	0		15.88		16.8	0.0
100	PI/2 BPSK	135	69		15.97		16.8	0.0
100	PI/2 BPSK	135	138		15.90		16.8	0.0
100	PI/2 BPSK	270	0		15.99			
100	QPSK	1	1		16.02		16.8	0.0
100	QPSK	1	137		15.95			
100	QPSK	1	271		15.97			
100	QPSK	135	0		15.92		16.8	0.0
100	QPSK	135	69		15.94			
100	QPSK	135	138		15.89			
100	QPSK	270	0		15.94		16.8	0.0
100	16QAM	1	1		16.14		16.8	0.0
100	64QAM	1	1		16.07		16.8	0.0
100	256QAM	1	1		15.87		16.8	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.89	15.80	16.05	16.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.92	15.81	16.07	16.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.85	15.77	16.05	16.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.94	15.81	16.15	16.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.83	15.75	16.08	16.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.90	15.75	16.08	16.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	15.87	15.77	16.15	16.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.93	15.83	16.14	16.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.99		21.0	0.0
100	PI/2 BPSK	1	137		19.79			
100	PI/2 BPSK	1	271		19.85			
100	PI/2 BPSK	135	0		19.79		21.0	0.0
100	PI/2 BPSK	135	69		19.80		21.0	0.0
100	PI/2 BPSK	135	138		19.73		21.0	0.0
100	PI/2 BPSK	270	0		19.79			
100	QPSK	1	1		19.74		21.0	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.91			
100	QPSK	135	0		19.84		21.0	0.0
100	QPSK	135	69		19.89			
100	QPSK	135	138		19.81			
100	QPSK	270	0		19.82		21.0	0.0
100	16QAM	1	1		19.98		21.0	0.0
100	64QAM	1	1		19.92		21.0	0.0
100	256QAM	1	1		19.79		20.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.84	19.85	19.88	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.94	19.86	19.92	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.94	19.88	19.84	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.92	19.89	19.92	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.91	19.94	19.85	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.94	19.88	19.83	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.88	19.87	19.85	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.91	19.93	19.94	21.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.19			
100	PI/2 BPSK	1	137		20.18		21.0	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		19.85		21.0	0.0
100	PI/2 BPSK	135	69		20.13		21.0	0.0
100	PI/2 BPSK	135	138		20.11		21.0	0.0
100	PI/2 BPSK	270	0		20.01			
100	QPSK	1	1		20.02			
100	QPSK	1	137		20.13		21.0	0.0
100	QPSK	1	271		20.10			
100	QPSK	135	0		20.03			
100	QPSK	135	69		20.08		21.0	0.0
100	QPSK	135	138		20.11			
100	QPSK	270	0		19.98		21.0	0.0
100	16QAM	1	1		19.91		21.0	0.0
100	64QAM	1	1		20.10		21.0	0.0
100	256QAM	1	1		20.06		20.5	0.5
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	20.13	20.12	20.03	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.03	20.12	20.12	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.10	20.06	20.05	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	20.08	20.03	20.10	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.08	20.10	20.06	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.10	20.05	20.12	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	20.10	20.12	20.12	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.06	20.09	20.10	21.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.48			
100	PI/2 BPSK	1	137		18.28		19.5	0.0
100	PI/2 BPSK	1	271		18.33			
100	PI/2 BPSK	135	0		18.24		19.5	0.0
100	PI/2 BPSK	135	69		18.28		19.5	0.0
100	PI/2 BPSK	135	138		18.24		19.5	0.0
100	PI/2 BPSK	270	0		18.30			
100	QPSK	1	1		18.24			
100	QPSK	1	137		18.35		19.5	0.0
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.32			
100	QPSK	135	69		18.33		19.5	0.0
100	QPSK	135	138		18.13			
100	QPSK	270	0		18.30		19.5	0.0
100	16QAM	1	1		18.46		19.5	0.0
100	64QAM	1	1		18.40		19.5	0.0
100	256QAM	1	1		18.24		19.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.32	18.40	18.32	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.41	18.35	18.33	19.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.41	18.38	18.42	19.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.33	18.40	18.34	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.42	18.37	18.42	19.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.34	18.39	18.34	19.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.34	18.32	18.35	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.35	18.42	18.37	19.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91			
100	PI/2 BPSK	1	137		17.63		19.5	0.0
100	PI/2 BPSK	1	271		17.53			
100	PI/2 BPSK	135	0		17.63		19.5	0.0
100	PI/2 BPSK	135	69		17.70		19.5	0.0
100	PI/2 BPSK	135	138		17.50		19.5	0.0
100	PI/2 BPSK	270	0		17.61			
100	QPSK	1	1		17.75			
100	QPSK	1	137		17.68		19.5	0.0
100	QPSK	1	271		17.59			
100	QPSK	135	0		17.61			
100	QPSK	135	69		17.61		19.5	0.0
100	QPSK	135	138		17.51			
100	QPSK	270	0		17.59		19.5	0.0
100	16QAM	1	1		17.87		19.5	0.0
100	64QAM	1	1		17.85		19.5	0.0
100	256QAM	1	1		17.68		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.79	17.85	17.75	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.79	17.82	17.75	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.75	17.81	17.81	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.80	17.76	17.84	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.85	17.83	17.78	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.85	17.79	17.75	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.75	17.80	17.77	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.75	17.81	17.83	19.5	0.0

Reduced Power for DSI 3

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	12.12	12.25	12.11	13.3	0.0
20	PI/2 BPSK	1	53	12.11	12.14	12.04		
20	PI/2 BPSK	1	104	12.10	12.16	12.02		
20	PI/2 BPSK	50	0	12.08	12.12	12.05	13.3	0.0
20	PI/2 BPSK	50	28	12.11	12.18	12.09	13.3	0.0
20	PI/2 BPSK	50	56	12.02	12.04	12.03	13.3	0.0
20	PI/2 BPSK	100	0	12.08	12.12	12.07		
20	QPSK	1	1	12.05	12.16	11.87	13.3	0.0
20	QPSK	1	53	12.10	12.18	11.94		
20	QPSK	1	104	12.02	12.18	11.91		
20	QPSK	50	0	12.04	12.13	11.87	13.3	0.0
20	QPSK	50	28	12.04	12.11	11.91	13.3	0.0
20	QPSK	50	56	11.94	12.07	11.85	13.3	0.0
20	QPSK	100	0	12.01	12.08	11.86		
20	16QAM	1	1	11.99	12.11	11.87	13.3	0.0
20	64QAM	1	1	12.13	12.21	12.08	13.3	0.0
20	256QAM	1	1	12.04	12.20	12.06	13.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	11.96	12.09	12.04	13.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	12.04	12.14	12.00	13.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	12.00	12.11	11.99	13.3	0.0

n2_Ant 31

BW [MHz]	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	22.68	22.71	22.53	23.5	0.0
20	PI/2 BPSK	1	53	22.66	22.67	22.46		
20	PI/2 BPSK	1	104	22.57	22.65	22.42		
20	PI/2 BPSK	50	0	22.14	22.16	21.96	23.0	0.5
20	PI/2 BPSK	50	28	22.60	22.63	22.49	23.5	0.0
20	PI/2 BPSK	50	56	22.00	22.03	21.93	23.0	0.5
20	PI/2 BPSK	100	0	22.02	22.05	21.95		
20	QPSK	1	1	22.66	22.70	22.65	23.5	0.0
20	QPSK	1	53	22.64	22.65	22.55		
20	QPSK	1	104	22.58	22.61	22.56		
20	QPSK	50	0	21.59	21.53	21.58	23.5	0.0
20	QPSK	50	28	22.17	22.56	22.51	23.5	0.0
20	QPSK	50	56	21.35	21.53	21.41	23.5	0.0
20	QPSK	100	0	21.47	21.48	21.43		
20	16QAM	1	1	21.72	21.54	21.73	22.5	1.0
20	64QAM	1	1	20.24	20.28	20.26	21.0	2.5
20	256QAM	1	1	18.27	18.23	17.97	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	22.53	22.61	22.48	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	22.54	22.65	22.48	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	22.59	22.63	22.38	23.5	0.0

n5_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.58	19.71	19.53	20.5	0.0
20	PI/2 BPSK	1	53	19.54	19.45	19.42		
20	PI/2 BPSK	1	104	19.33	19.38	19.35		
20	PI/2 BPSK	50	0	19.55	19.58	19.53	20.5	0.0
20	PI/2 BPSK	50	28	19.63	19.64	19.57	20.5	0.0
20	PI/2 BPSK	50	56	19.46	19.44	19.41	20.5	0.0
20	PI/2 BPSK	100	0	19.57	19.62	19.52		
20	QPSK	1	1	19.51	19.56	19.42	20.5	0.0
20	QPSK	1	53	19.40	19.52	19.44		
20	QPSK	1	104	19.31	19.45	19.37		
20	QPSK	50	0	19.44	19.58	19.47	20.5	0.0
20	QPSK	50	28	19.42	19.51	19.46	20.5	0.0
20	QPSK	50	56	19.34	19.41	19.30	20.5	0.0
20	QPSK	100	0	19.41	19.54	19.43		
20	16QAM	1	1	19.64	19.69	19.61	20.5	0.0
20	64QAM	1	1	19.58	19.63	19.56	20.5	0.0
20	256QAM	1	1	18.98	19.13	18.99	20.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	19.46	19.66	19.45	20.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	19.49	19.58	19.48	20.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	19.45	19.57	19.48	20.5	0.0

n5_Ant 41

BW [MHz]	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	23.70	23.74	23.72	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.67	23.61		
20	PI/2 BPSK	1	104	23.51	23.55	23.52		
20	PI/2 BPSK	50	0	23.20	23.22	23.18	24.0	0.5
20	PI/2 BPSK	50	28	23.62	23.67	23.60	24.5	0.0
20	PI/2 BPSK	50	56	23.15	23.17	23.11	24.0	0.5
20	PI/2 BPSK	100	0	23.20	23.23	23.19		
20	QPSK	1	1	23.62	23.71	23.53	24.5	0.0
20	QPSK	1	53	23.60	23.72	23.61		
20	QPSK	1	104	23.56	23.65	23.60		
20	QPSK	50	0	22.72	22.69	22.74	23.5	1.0
20	QPSK	50	28	23.68	23.68	23.63	24.5	0.0
20	QPSK	50	56	22.63	22.64	22.64	23.5	1.0
20	QPSK	100	0	22.75	22.65	22.63		
20	16QAM	1	1	22.95	22.87	22.91	23.5	1.0
20	64QAM	1	1	21.43	21.41	21.45	22.0	2.5
20	256QAM	1	1	19.24	19.23	19.22	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.64	23.61	23.56	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.54	23.59	23.63	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.59	23.60	23.66	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.18	13.23	13.19	14.2	0.0
20	PI/2 BPSK	1	53	13.07	13.06	13.14		
20	PI/2 BPSK	1	104	13.15	13.07	13.03		
20	PI/2 BPSK	50	0	13.07	13.08	13.08	14.2	0.0
20	PI/2 BPSK	50	28	13.20	13.21	13.17	14.2	0.0
20	PI/2 BPSK	50	56	13.15	13.12	13.16	14.2	0.0
20	PI/2 BPSK	100	0	13.16	13.17	13.15		
20	QPSK	1	1	13.04	13.16	13.01	14.2	0.0
20	QPSK	1	53	13.08	13.14	12.99		
20	QPSK	1	104	13.06	13.11	13.04		
20	QPSK	50	0	13.03	13.14	12.98	14.2	0.0
20	QPSK	50	28	13.01	13.16	13.01	14.2	0.0
20	QPSK	50	56	12.94	13.07	12.91	14.2	0.0
20	QPSK	100	0	12.97	13.12	13.05		
20	16QAM	1	1	13.02	13.16	13.05	14.2	0.0
20	64QAM	1	1	13.02	13.15	13.01	14.2	0.0
20	256QAM	1	1	13.12	13.20	13.05	14.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.11	13.16	13.03	14.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.10	13.18	13.06	14.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.11	13.18	13.05	14.2	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.08	23.36	22.95	24.3	0.0
20	PI/2 BPSK	1	53	23.03	23.07	22.85		
20	PI/2 BPSK	1	104	22.98	22.96	22.89		
20	PI/2 BPSK	50	0	22.94	23.06	22.82	23.8	0.5
20	PI/2 BPSK	50	28	23.02	23.09	22.86	24.3	0.0
20	PI/2 BPSK	50	56	22.96	23.02	22.77	23.8	0.5
20	PI/2 BPSK	100	0	22.97	23.06	22.83		
20	QPSK	1	1	22.78	23.15	22.87	24.3	0.0
20	QPSK	1	53	22.46	23.07	22.92		
20	QPSK	1	104	22.42	23.02	22.86		
20	QPSK	50	0	22.37	22.56	22.33	24.3	0.0
20	QPSK	50	28	22.48	22.98	22.84	24.3	0.0
20	QPSK	50	56	22.45	22.51	22.34	24.3	0.0
20	QPSK	100	0	22.28	22.52	22.28		
20	16QAM	1	1	22.42	22.80	22.60	23.3	1.0
20	64QAM	1	1	20.72	21.24	20.94	21.8	2.5
20	256QAM	1	1	18.42	19.03	18.76	19.8	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.01	23.06	22.98	24.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	22.72	22.74	22.70	24.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	22.78	22.81	22.75	24.3	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.73	15.82	15.71	16.7	0.0
20	PI/2 BPSK	1	53	15.55	15.63	15.56		
20	PI/2 BPSK	1	104	15.50	15.63	15.49		
20	PI/2 BPSK	50	0	15.48	15.56	15.51	16.7	0.0
20	PI/2 BPSK	50	28	15.46	15.59	15.54	16.7	0.0
20	PI/2 BPSK	50	56	15.42	15.57	15.48	16.7	0.0
20	PI/2 BPSK	100	0	15.52	15.65	15.60		
20	QPSK	1	1	15.52	15.67	15.61	16.7	0.0
20	QPSK	1	53	15.49	15.64	15.57		
20	QPSK	1	104	15.56	15.65	15.54		
20	QPSK	50	0	15.47	15.59	15.54	16.7	0.0
20	QPSK	50	28	15.45	15.61	15.55	16.7	0.0
20	QPSK	50	56	15.56	15.62	15.50	16.7	0.0
20	QPSK	100	0	15.46	15.58	15.44		
20	16QAM	1	1	15.61	15.73	15.64	16.7	0.0
20	64QAM	1	1	15.57	15.73	15.66	16.7	0.0
20	256QAM	1	1	15.51	15.64	15.48	16.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	15.61	15.69	15.66	16.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	15.58	15.69	15.63	16.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	15.62	15.67	15.63	16.7	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	14.01	14.09	14.01	14.8	0.0
30	PI/2 BPSK	1	80	13.82	13.89	13.78		
30	PI/2 BPSK	1	158	13.58	13.72	13.63		
30	PI/2 BPSK	80	0	13.74	13.87	13.79	14.8	0.0
30	PI/2 BPSK	80	40	13.83	13.96	13.83	14.8	0.0
30	PI/2 BPSK	80	80	13.81	13.91	13.83	14.8	0.0
30	PI/2 BPSK	160	0	13.85	13.90	13.78		
30	QPSK	1	1	13.82	13.92	13.77	14.8	0.0
30	QPSK	1	80	13.81	13.90	13.74		
30	QPSK	1	158	13.65	13.79	13.66		
30	QPSK	80	0	13.78	13.92	13.85	14.8	0.0
30	QPSK	80	40	13.68	13.79	13.67	14.8	0.0
30	QPSK	80	80	13.72	13.84	13.70	14.8	0.0
30	QPSK	160	0	13.72	13.84	13.69		
30	16QAM	1	1	14.01	14.08	13.99	14.8	0.0
30	64QAM	1	1	13.92	14.01	13.86	14.8	0.0
30	256QAM	1	1	13.79	13.93	13.83	14.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	13.89	14.02	13.96	14.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	13.95	14.04	13.89	14.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	13.86	14.01	13.94	14.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	13.93	13.99	13.87	14.8	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	23.27	23.38	23.31	24.5	0.0
30	PI/2 BPSK	1	80	23.21	23.25	23.23		
30	PI/2 BPSK	1	158	23.15	23.21	23.20		
30	PI/2 BPSK	80	0	23.15	23.22	23.20	24.0	0.5
30	PI/2 BPSK	80	40	23.20	23.25	23.22	24.5	0.0
30	PI/2 BPSK	80	80	23.15	23.21	23.18	24.0	0.5
30	PI/2 BPSK	160	0	23.29	23.32	23.30		
30	QPSK	1	1	23.01	23.18	23.06	24.5	0.0
30	QPSK	1	80	22.89	23.17	23.03		
30	QPSK	1	158	23.07	23.21	23.13		
30	QPSK	80	0	22.18	22.44	22.34	23.5	1.0
30	QPSK	80	40	22.89	23.07	22.95	24.5	0.0
30	QPSK	80	80	22.28	22.56	22.41	23.5	1.0
30	QPSK	160	0	22.28	22.55	22.50		
30	16QAM	1	1	22.43	22.64	22.55	23.5	1.0
30	64QAM	1	1	21.13	21.39	21.27	22.0	2.5
30	256QAM	1	1	19.15	19.33	19.22	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.21	23.37	23.32	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	23.18	23.36	23.30	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	23.10	23.23	23.15	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	23.08	23.26	23.16	24.5	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	17.08	17.22	17.06	17.8	0.0
30	PI/2 BPSK	1	80	16.81	16.96	16.84		
30	PI/2 BPSK	1	158	16.77	16.83	16.71		
30	PI/2 BPSK	80	0	16.81	16.94	16.80	17.8	0.0
30	PI/2 BPSK	80	40	16.88	16.96	16.89	17.8	0.0
30	PI/2 BPSK	80	80	16.77	16.89	16.78	17.8	0.0
30	PI/2 BPSK	160	0	16.78	16.92	16.81		
30	QPSK	1	1	16.92	17.02	16.90	17.8	0.0
30	QPSK	1	80	16.87	16.94	16.84		
30	QPSK	1	158	16.77	16.85	16.76		
30	QPSK	80	0	16.88	16.96	16.85	17.8	0.0
30	QPSK	80	40	16.83	16.93	16.83	17.8	0.0
30	QPSK	80	80	16.80	16.91	16.83	17.8	0.0
30	QPSK	160	0	16.81	16.91	16.75		
30	16QAM	1	1	17.08	17.19	17.12	17.8	0.0
30	64QAM	1	1	17.09	17.15	17.05	17.8	0.0
30	256QAM	1	1	16.98	17.06	16.97	17.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.97	17.09	16.97	17.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	17.03	17.14	16.95	17.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	16.97	17.07	16.99	17.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	16.98	17.17	16.94	17.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.99	13.12	13.01	14.2	0.0
40	PI/2 BPSK	1	53	12.68	12.84	12.70		
40	PI/2 BPSK	1	104	12.70	12.79	12.69		
40	PI/2 BPSK	50	0	12.75	12.91	12.75	14.2	0.0
40	PI/2 BPSK	50	28	12.89	12.99	12.92	14.2	0.0
40	PI/2 BPSK	50	56	12.69	12.76	12.66	14.2	0.0
40	PI/2 BPSK	100	0	12.80	12.87	12.79		
40	QPSK	1	1	12.91	13.07	12.96	14.2	0.0
40	QPSK	1	53	12.82	12.87	12.74		
40	QPSK	1	104	12.75	12.86	12.72		
40	QPSK	50	0	12.79	12.93	12.82	14.2	0.0
40	QPSK	50	28	12.76	12.82	12.71		
40	QPSK	50	56	12.66	12.82	12.71		
40	QPSK	100	0	12.74	12.89	12.82	14.2	0.0
40	16QAM	1	1	12.97	13.11	13.00	14.2	0.0
40	64QAM	1	1	12.99	13.08	13.01	14.2	0.0
40	256QAM	1	1	12.99	13.09	13.00	14.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	12.90	12.96	12.90	14.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	12.93	13.02	12.93	14.2	0.0

n38_Ant 31

BW [MHz]	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	23.76	23.99	23.80	25.0	0.0
40	PI/2 BPSK	1	53	23.69	23.85	23.75		
40	PI/2 BPSK	1	104	23.70	23.82	23.71		
40	PI/2 BPSK	50	0	23.60	23.70	23.62	24.5	0.5
40	PI/2 BPSK	50	28	23.67	23.78	23.68	25.0	0.0
40	PI/2 BPSK	50	56	23.58	23.65	23.61	24.5	0.5
40	PI/2 BPSK	100	0	23.65	23.76	23.67		
40	QPSK	1	1	23.78	23.82	23.80	25.0	0.0
40	QPSK	1	53	23.76	23.81	23.78		
40	QPSK	1	104	23.73	23.75	23.74		
40	QPSK	50	0	23.21	23.25	23.26	25.0	0.0
40	QPSK	50	28	23.69	23.72	23.67		
40	QPSK	50	56	23.17	23.29	23.25		
40	QPSK	100	0	23.23	23.24	23.23	24.0	1.0
40	16QAM	1	1	23.59	23.68	23.62	24.0	1.0
40	64QAM	1	1	22.09	22.10	22.04	22.5	2.5
40	256QAM	1	1	19.76	19.83	19.82	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	23.51	23.62	23.58	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	23.50	23.57	23.54	25.0	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.06	15.18	15.13	16.5	0.0
40	PI/2 BPSK	1	53	14.88	15.06	14.96		
40	PI/2 BPSK	1	104	15.04	15.05	15.09		
40	PI/2 BPSK	50	0	14.99	14.98	15.11	16.5	0.0
40	PI/2 BPSK	50	28	15.09	15.17	15.16	16.5	0.0
40	PI/2 BPSK	50	56	15.04	15.01	15.07	16.5	0.0
40	PI/2 BPSK	100	0	15.06	15.12	15.11		
40	QPSK	1	1	14.98	15.13	15.02	16.5	0.0
40	QPSK	1	53	15.02	15.17	15.02		
40	QPSK	1	104	15.09	15.14	15.05		
40	QPSK	50	0	14.87	14.98	14.84	16.5	0.0
40	QPSK	50	28	14.84	14.99	14.93		
40	QPSK	50	56	15.00	15.07	14.98		
40	QPSK	100	0	14.87	15.02	14.90	16.5	0.0
40	16QAM	1	1	14.90	14.95	14.81	16.5	0.0
40	64QAM	1	1	15.03	15.14	15.08	16.5	0.0
40	256QAM	1	1	15.05	15.14	15.02	16.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	14.93	15.13	15.07	16.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	15.00	15.12	15.06	16.5	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.40	13.53	13.46		
100	PI/2 BPSK	1	137	12.97	13.12	12.97	14.5	0.0
100	PI/2 BPSK	1	271	13.02	13.08	12.95		
100	PI/2 BPSK	135	0	13.13	13.19	13.14	14.5	0.0
100	PI/2 BPSK	135	69	13.22	13.28	13.23	14.5	0.0
100	PI/2 BPSK	135	138	12.96	13.09	13.02	14.5	0.0
100	PI/2 BPSK	270	0	13.20	13.27	13.12		
100	QPSK	1	1	13.20	13.32	13.16		
100	QPSK	1	137	13.16	13.23	13.13	14.5	0.0
100	QPSK	1	271	13.01	13.13	12.99		
100	QPSK	135	0	13.23	13.31	13.16		
100	QPSK	135	69	13.04	13.11	13.03	14.5	0.0
100	QPSK	135	138	13.08	13.13	12.97		
100	QPSK	270	0	12.99	13.15	13.07	14.5	0.0
100	16QAM	1	1	13.40	13.47	13.32	14.5	0.0
100	64QAM	1	1	13.42	13.49	13.41	14.5	0.0
100	256QAM	1	1	13.24	13.33	13.20	14.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	14.5	0.0
90	PI/2 BPSK	1	1	13.25	13.47	13.32		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	14.5	0.0
80	PI/2 BPSK	1	1	13.35	13.45	13.38		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	14.5	0.0
70	PI/2 BPSK	1	1	13.29	13.46	13.39		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	14.5	0.0
60	PI/2 BPSK	1	1	13.32	13.39	13.33		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	14.5	0.0
50	PI/2 BPSK	1	1	13.27	13.47	13.33		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	14.5	0.0
40	PI/2 BPSK	1	1	13.26	13.37	13.41		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	14.5	0.0
30	PI/2 BPSK	1	1	13.30	13.48	13.38		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	14.5	0.0
20	PI/2 BPSK	1	1	13.28	13.46	13.35		

n41_Ant 31

BW [MHz]	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	23.61	23.85	23.65		
100	PI/2 BPSK	1	137	23.50	23.69	23.55	24.8	0.0
100	PI/2 BPSK	1	271	23.56	23.65	23.63		
100	PI/2 BPSK	135	0	23.51	23.58	23.52	24.3	0.5
100	PI/2 BPSK	135	69	23.55	23.62	23.58	24.8	0.0
100	PI/2 BPSK	135	138	23.51	23.56	23.52	24.3	0.5
100	PI/2 BPSK	270	0	23.54	23.57	23.55		
100	QPSK	1	1	23.54	23.73	23.58		
100	QPSK	1	137	23.44	23.72	23.61	24.8	0.0
100	QPSK	1	271	23.50	23.71	23.62		
100	QPSK	135	0	22.94	23.12	22.98		
100	QPSK	135	69	23.35	23.58	23.50	24.8	0.0
100	QPSK	135	138	22.92	23.10	23.03		
100	QPSK	270	0	22.82	23.06	22.98	23.8	1.0
100	16QAM	1	1	22.93	23.11	23.06	23.8	1.0
100	64QAM	1	1	21.65	21.89	21.81	22.3	2.5
100	256QAM	1	1	19.42	19.68	19.58	20.3	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	24.8	0.0
90	PI/2 BPSK	1	1	23.51	23.68	23.50		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	24.8	0.0
80	PI/2 BPSK	1	1	23.51	23.68	23.60		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	24.8	0.0
70	PI/2 BPSK	1	1	23.53	23.70	23.55		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	24.8	0.0
60	PI/2 BPSK	1	1	23.55	23.61	23.59		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	24.8	0.0
50	PI/2 BPSK	1	1	23.52	23.62	23.55		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	24.8	0.0
40	PI/2 BPSK	1	1	23.54	23.70	23.49		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	24.8	0.0
30	PI/2 BPSK	1	1	23.55	23.64	23.59		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	24.8	0.0
20	PI/2 BPSK	1	1	23.45	23.69	23.54		

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.13	15.28	15.21		
100	PI/2 BPSK	1	137	15.08	15.25	15.20	16.5	0.0
100	PI/2 BPSK	1	271	15.11	15.23	15.15		
100	PI/2 BPSK	135	0	15.16	15.21	15.18	16.5	0.0
100	PI/2 BPSK	135	69	15.17	15.25	15.20	16.5	0.0
100	PI/2 BPSK	135	138	15.11	15.15	15.13	16.5	0.0
100	PI/2 BPSK	270	0	15.11	15.19	15.15		
100	QPSK	1	1	15.02	15.07	15.03		
100	QPSK	1	137	15.15	15.02	14.95	16.5	0.0
100	QPSK	1	271	15.22	15.12	15.26		
100	QPSK	135	0	14.55	14.53	14.62		
100	QPSK	135	69	14.99	14.97	15.16	16.5	0.0
100	QPSK	135	138	14.56	14.53	14.70		
100	QPSK	270	0	14.50	14.52	14.68	16.5	0.0
100	16QAM	1	1	14.68	14.78	14.83	16.5	0.0
100	64QAM	1	1	14.96	14.68	14.83	16.5	0.0
100	256QAM	1	1	15.16	14.96	15.06	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	16.5	0.0
90	PI/2 BPSK	1	1	15.03	15.19	15.13		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	16.5	0.0
80	PI/2 BPSK	1	1	15.03	15.15	15.10		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	16.5	0.0
70	PI/2 BPSK	1	1	15.07	15.12	15.07		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	16.5	0.0
60	PI/2 BPSK	1	1	15.02	15.18	15.09		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	16.5	0.0
50	PI/2 BPSK	1	1	15.01	15.22	15.15		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	16.5	0.0
40	PI/2 BPSK	1	1	14.98	15.19	15.12		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	16.5	0.0
30	PI/2 BPSK	1	1	15.07	15.20	15.07		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	16.5	0.0
20	PI/2 BPSK	1	1	15.02	15.22	15.11		

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.65		14.3	0.0
100	PI/2 BPSK	1	137		13.44			
100	PI/2 BPSK	1	271		13.58			
100	PI/2 BPSK	135	0		13.39		14.3	0.0
100	PI/2 BPSK	135	69		13.44		14.3	0.0
100	PI/2 BPSK	135	138		13.41		14.3	0.0
100	PI/2 BPSK	270	0		13.55			
100	QPSK	1	1		13.39		14.3	0.0
100	QPSK	1	137		13.52			
100	QPSK	1	271		13.59			
100	QPSK	135	0		13.52		14.3	0.0
100	QPSK	135	69		13.48			
100	QPSK	135	138		13.46			
100	QPSK	270	0		13.48		14.3	0.0
100	16QAM	1	1		13.63		14.3	0.0
100	64QAM	1	1		13.54		14.3	0.0
100	256QAM	1	1		13.33		14.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.50	13.56	13.53	14.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.42	13.49	13.38	14.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.45	13.48	13.48	14.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.36	13.51	13.44	14.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.34	13.41	13.44	14.3	0.0

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.82	13.12	12.89	14.3	0.0
100	PI/2 BPSK	1	137	12.64	12.93	12.83		
100	PI/2 BPSK	1	271	12.64	13.10	12.88		
100	PI/2 BPSK	135	0	12.65	12.83	12.88	14.3	0.0
100	PI/2 BPSK	135	69	12.72	13.04	12.94	14.3	0.0
100	PI/2 BPSK	135	138	12.51	13.02	12.87	14.3	0.0
100	PI/2 BPSK	270	0	12.69	13.02	13.01		
100	QPSK	1	1	12.58	12.67	12.59	14.3	0.0
100	QPSK	1	137	12.69	12.76	12.67		
100	QPSK	1	271	13.00	13.08	13.00		
100	QPSK	135	0	12.59	12.66	12.50	14.3	0.0
100	QPSK	135	69	12.55	12.71	12.57		
100	QPSK	135	138	12.77	12.86	12.79		
100	QPSK	270	0	12.63	12.75	12.65	14.3	0.0
100	16QAM	1	1	12.39	12.48	12.39	14.3	0.0
100	64QAM	1	1	12.74	12.83	12.68	14.3	0.0
100	256QAM	1	1	12.62	12.69	12.58	14.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	12.73	13.03	12.83	14.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	12.77	13.04	12.82	14.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	12.68	13.05	12.83	14.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	12.67	13.07	12.84	14.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	12.72	12.96	12.83	14.3	0.0

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.27		15.8	0.0
100	PI/2 BPSK	1	137		14.92			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.11		15.8	0.0
100	PI/2 BPSK	135	69		15.13		15.8	0.0
100	PI/2 BPSK	135	138		14.94		15.8	0.0
100	PI/2 BPSK	270	0		15.12			
100	QPSK	1	1		15.17		15.8	0.0
100	QPSK	1	137		15.03			
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.09		15.8	0.0
100	QPSK	135	69		14.93			
100	QPSK	135	138		14.92			
100	QPSK	270	0		15.04		15.8	0.0
100	16QAM	1	1		15.26		15.8	0.0
100	64QAM	1	1		15.13		15.8	0.0
100	256QAM	1	1		15.12		15.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.18	15.16	15.21	15.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.20	15.17	15.13	15.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.17	15.12	15.21	15.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.02	15.08	15.06	15.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.06	15.08	15.11	15.8	0.0

Par27O n77_Ant 24

BW [MHz]	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	14.63	14.78	14.64	15.8	0.0
100	PI/2 BPSK	1	137	14.29	14.42	14.27		
100	PI/2 BPSK	1	271	14.02	14.13	14.02		
100	PI/2 BPSK	135	0	14.38	14.48	14.39	15.8	0.0
100	PI/2 BPSK	135	69	14.46	14.51	14.46	15.8	0.0
100	PI/2 BPSK	135	138	14.03	14.15	14.06	15.8	0.0
100	PI/2 BPSK	270	0	14.38	14.45	14.40		
100	QPSK	1	1	14.56	14.64	14.48	15.8	0.0
100	QPSK	1	137	14.31	14.39	14.31		
100	QPSK	1	271	14.08	14.23	14.15		
100	QPSK	135	0	14.36	14.51	14.35	15.8	0.0
100	QPSK	135	69	14.27	14.34	14.23		
100	QPSK	135	138	14.09	14.23	14.09		
100	QPSK	270	0	14.23	14.38	14.22	15.8	0.0
100	16QAM	1	1	14.67	14.72	14.60	15.8	0.0
100	64QAM	1	1	14.55	14.64	14.52	15.8	0.0
100	256QAM	1	1	14.45	14.58	14.53	15.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	14.57	14.67	14.51	15.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	14.47	14.64	14.55	15.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	14.49	14.69	14.56	15.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	14.48	14.62	14.48	15.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	14.51	14.69	14.55	15.8	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.52		14.0	0.0
100	PI/2 BPSK	1	137		13.34			
100	PI/2 BPSK	1	271		13.39			
100	PI/2 BPSK	135	0		13.33		14.0	0.0
100	PI/2 BPSK	135	69		13.41		14.0	0.0
100	PI/2 BPSK	135	138		13.32		14.0	0.0
100	PI/2 BPSK	270	0		13.27			
100	QPSK	1	1		13.21		14.0	0.0
100	QPSK	1	137		13.28			
100	QPSK	1	271		13.39			
100	QPSK	135	0		13.37		14.0	0.0
100	QPSK	135	69		13.29			
100	QPSK	135	138		13.31			
100	QPSK	270	0		13.31		14.0	0.0
100	16QAM	1	1		13.33		14.0	0.0
100	64QAM	1	1		13.45		14.0	0.0
100	256QAM	1	1		13.22		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.44	13.37	13.39	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	13.28	13.21	13.27	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	13.32	13.29	13.34	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	13.28	13.23	13.34	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	13.34	13.28	13.25	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	13.34	13.25	13.28	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	13.30	13.31	13.31	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	13.33	13.25	13.33	14.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.93		14.0	0.0
100	PI/2 BPSK	1	137		12.68			
100	PI/2 BPSK	1	271		12.63			
100	PI/2 BPSK	135	0		12.73		14.0	0.0
100	PI/2 BPSK	135	69		12.76		14.0	0.0
100	PI/2 BPSK	135	138		12.57		14.0	0.0
100	PI/2 BPSK	270	0		12.62			
100	QPSK	1	1		12.84		14.0	0.0
100	QPSK	1	137		12.60			
100	QPSK	1	271		12.65			
100	QPSK	135	0		12.68		14.0	0.0
100	QPSK	135	69		12.64			
100	QPSK	135	138		12.52			
100	QPSK	270	0		12.63		14.0	0.0
100	16QAM	1	1		12.91		14.0	0.0
100	64QAM	1	1		12.92		14.0	0.0
100	256QAM	1	1		12.70		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.80	12.84	12.79	14.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.68	12.75	12.65	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.68	12.73	12.69	14.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.72	12.78	12.70	14.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.73	12.69	12.65	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.68	12.76	12.65	14.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	12.67	12.73	12.72	14.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.67	12.76	12.68	14.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.06		15.8	0.0
100	PI/2 BPSK	1	137		14.85			
100	PI/2 BPSK	1	271		14.80			
100	PI/2 BPSK	135	0		14.85		15.8	0.0
100	PI/2 BPSK	135	69		14.91		15.8	0.0
100	PI/2 BPSK	135	138		14.71		15.8	0.0
100	PI/2 BPSK	270	0		14.96			
100	QPSK	1	1		15.03		15.8	0.0
100	QPSK	1	137		14.78			
100	QPSK	1	271		14.86			
100	QPSK	135	0		15.01		15.8	0.0
100	QPSK	135	69		14.72			
100	QPSK	135	138		14.76			
100	QPSK	270	0		14.90		15.8	0.0
100	16QAM	1	1		14.97		15.8	0.0
100	64QAM	1	1		14.92		15.8	0.0
100	256QAM	1	1		14.93		15.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.98	15.00	14.99	15.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.93	14.92	14.85	15.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.88	14.85	14.87	15.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.88	14.94	14.89	15.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.88	14.87	14.90	15.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.89	14.90	14.88	15.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.85	14.88	14.88	15.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.93	14.84	14.85	15.8	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.95		15.8	0.0
100	PI/2 BPSK	1	137		14.64			
100	PI/2 BPSK	1	271		14.52			
100	PI/2 BPSK	135	0		14.68		15.8	0.0
100	PI/2 BPSK	135	69		14.75		15.8	0.0
100	PI/2 BPSK	135	138		14.54		15.8	0.0
100	PI/2 BPSK	270	0		14.71			
100	QPSK	1	1		14.73		15.8	0.0
100	QPSK	1	137		14.71			
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.68		15.8	0.0
100	QPSK	135	69		14.60			
100	QPSK	135	138		14.59			
100	QPSK	270	0		14.65		15.8	0.0
100	16QAM	1	1		14.86		15.8	0.0
100	64QAM	1	1		14.89		15.8	0.0
100	256QAM	1	1		14.63		15.8	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.83	14.84	14.88	15.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.78	14.72	14.78	15.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.77	14.78	14.82	15.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.73	14.79	14.74	15.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.70	14.71	14.76	15.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.72	14.71	14.72	15.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	14.74	14.69	14.83	15.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.68	14.70	14.82	15.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.42		20.5	0.0
100	PI/2 BPSK	1	137		19.29			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.29		20.5	0.0
100	PI/2 BPSK	135	69		19.30		20.5	0.0
100	PI/2 BPSK	135	138		19.23		20.5	0.0
100	PI/2 BPSK	270	0		19.29			
100	QPSK	1	1		19.24		20.5	0.0
100	QPSK	1	137		19.40			
100	QPSK	1	271		19.41			
100	QPSK	135	0		19.34		20.5	0.0
100	QPSK	135	69		19.39			
100	QPSK	135	138		19.31			
100	QPSK	270	0		19.32		20.5	0.0
100	16QAM	1	1		19.38		20.5	0.0
100	64QAM	1	1		19.32		20.5	0.0
100	256QAM	1	1		19.29		20.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.37	19.32	19.34	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.31	19.17	19.25	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.23	19.20	19.24	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.23	19.19	19.19	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.22	19.21	19.24	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.31	19.26	19.25	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.29	19.23	19.21	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.25	19.17	19.22	20.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.71			
100	PI/2 BPSK	1	137		19.68		20.5	0.0
100	PI/2 BPSK	1	271		19.61			
100	PI/2 BPSK	135	0		19.35		20.5	0.0
100	PI/2 BPSK	135	69		19.68		20.5	0.0
100	PI/2 BPSK	135	138		19.61		20.5	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.52			
100	QPSK	1	137		19.63		20.5	0.0
100	QPSK	1	271		19.70			
100	QPSK	135	0		19.53			
100	QPSK	135	69		19.58		20.5	0.0
100	QPSK	135	138		19.61			
100	QPSK	270	0		19.48		20.5	0.0
100	16QAM	1	1		19.41		20.5	0.0
100	64QAM	1	1		19.70		20.5	0.0
100	256QAM	1	1		19.56		20.5	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.64	19.61	19.56	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.59	19.54	19.50	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.52	19.49	19.47	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.58	19.45	19.46	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.59	19.49	19.47	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.56	19.56	19.47	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.54	19.47	19.41	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.56	19.54	19.47	20.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.75			
100	PI/2 BPSK	1	137		17.44		19.0	0.0
100	PI/2 BPSK	1	271		17.49			
100	PI/2 BPSK	135	0		17.40		19.0	0.0
100	PI/2 BPSK	135	69		17.53		19.0	0.0
100	PI/2 BPSK	135	138		17.47		19.0	0.0
100	PI/2 BPSK	270	0		17.55			
100	QPSK	1	1		17.41			
100	QPSK	1	137		17.53		19.0	0.0
100	QPSK	1	271		17.40			
100	QPSK	135	0		17.55			
100	QPSK	135	69		17.56		19.0	0.0
100	QPSK	135	138		17.33			
100	QPSK	270	0		17.53		19.0	0.0
100	16QAM	1	1		17.69		19.0	0.0
100	64QAM	1	1		14.57		19.0	0.0
100	256QAM	1	1		17.49		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.66	17.68	17.68	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.68	17.61	17.62	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.62	17.70	17.63	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.69	17.70	17.63	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.69	17.60	17.68	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.65	17.62	17.64	19.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.60	17.67	17.60	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.62	17.64	17.59	19.0	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.30			
100	PI/2 BPSK	1	137		17.01		19.0	0.0
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.07		19.0	0.0
100	PI/2 BPSK	135	69		17.12		19.0	0.0
100	PI/2 BPSK	135	138		17.00		19.0	0.0
100	PI/2 BPSK	270	0		17.06			
100	QPSK	1	1		17.10			
100	QPSK	1	137		17.04		19.0	0.0
100	QPSK	1	271		17.00			
100	QPSK	135	0		17.06			
100	QPSK	135	69		17.03		19.0	0.0
100	QPSK	135	138		17.01			
100	QPSK	270	0		17.02		19.0	0.0
100	16QAM	1	1		17.21		19.0	0.0
100	64QAM	1	1		17.29		19.0	0.0
100	256QAM	1	1		17.13		19.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.18	17.14	17.15	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.20	17.14	17.15	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.19	17.16	17.15	19.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.16	17.14	17.21	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.19	17.21	17.14	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.18	17.20	17.17	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.17	17.16	17.16	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.17	17.17	17.22	19.0	0.0

Reduced Power for DSI 4

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.22	19.31	19.23	20.3	0.0
20	PI/2 BPSK	1	53	18.98	19.14	19.05		
20	PI/2 BPSK	1	104	19.07	19.16	19.04		
20	PI/2 BPSK	50	0	19.00	19.12	19.02	20.3	0.0
20	PI/2 BPSK	50	28	19.11	19.18	19.06	20.3	0.0
20	PI/2 BPSK	50	56	18.97	19.04	18.88	20.3	0.0
20	PI/2 BPSK	100	0	19.04	19.12	19.01		
20	QPSK	1	1	19.10	19.16	19.08	20.3	0.0
20	QPSK	1	53	19.05	19.18	19.07		
20	QPSK	1	104	19.05	19.18	19.04		
20	QPSK	50	0	19.07	19.13	18.97	20.3	0.0
20	QPSK	50	28	18.96	19.11	19.04	20.3	0.0
20	QPSK	50	56	18.97	19.07	18.98	20.3	0.0
20	QPSK	100	0	18.92	19.08	19.02		
20	16QAM	1	1	19.03	19.11	18.99	20.3	0.0
20	64QAM	1	1	19.07	19.23	19.10	20.3	0.0
20	256QAM	1	1	16.93	17.06	16.92	18.3	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	19.08	19.21	19.10	20.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	19.08	19.24	19.15	20.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	19.16	19.18	19.13	20.3	0.0

n2_Ant 31

BW [MHz]	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	21.18	21.31	21.03	22.0	0.0
20	PI/2 BPSK	1	53	21.16	21.17	20.96		
20	PI/2 BPSK	1	104	21.07	21.15	20.92		
20	PI/2 BPSK	50	0	20.64	20.66	20.46	22.0	0.0
20	PI/2 BPSK	50	28	21.10	21.13	20.99	22.0	0.0
20	PI/2 BPSK	50	56	20.50	20.53	20.43	22.0	0.0
20	PI/2 BPSK	100	0	20.52	20.55	20.45		
20	QPSK	1	1	21.16	21.20	21.15	22.0	0.0
20	QPSK	1	53	21.14	21.15	21.05		
20	QPSK	1	104	21.08	21.11	21.06		
20	QPSK	50	0	21.29	21.23	21.28	22.0	0.0
20	QPSK	50	28	21.17	21.26	21.21	22.0	0.0
20	QPSK	50	56	21.05	21.23	21.11	22.0	0.0
20	QPSK	100	0	21.17	21.18	21.13		
20	16QAM	1	1	21.22	21.24	21.23	22.0	0.0
20	64QAM	1	1	19.94	19.98	19.96	21.0	1.0
20	256QAM	1	1	17.97	17.93	17.67	19.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	21.12	21.20	20.96	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	21.06	21.23	20.96	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	21.13	21.24	20.95	22.0	0.0

n5_Ant 11

BW [MHz]	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	23.54	23.58	23.51	24.5	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.42		
20	PI/2 BPSK	1	104	23.37	23.39	23.35		
20	PI/2 BPSK	50	0	23.10	23.12	23.08	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.56	23.53	24.5	0.0
20	PI/2 BPSK	50	56	22.94	22.42	22.93	24.0	0.5
20	PI/2 BPSK	100	0	23.05	23.07	23.01		
20	QPSK	1	1	23.55	23.57	23.33	24.5	0.0
20	QPSK	1	53	23.51	23.53	23.45		
20	QPSK	1	104	23.41	23.45	23.39		
20	QPSK	50	0	22.58	22.47	22.59	23.5	1.0
20	QPSK	50	28	23.57	23.46	23.49	24.5	0.0
20	QPSK	50	56	22.48	22.47	22.44	23.5	1.0
20	QPSK	100	0	22.57	22.51	22.49		
20	16QAM	1	1	22.76	22.68	22.84	23.5	1.0
20	64QAM	1	1	21.27	21.25	21.25	22.0	2.5
20	256QAM	1	1	19.06	19.01	19.14	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.45	23.50	23.43	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.45	23.44	23.45	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.49	23.47	23.40	24.5	0.0

n5_Ant 41

BW [MHz]	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	23.70	23.74	23.72	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.67	23.61		
20	PI/2 BPSK	1	104	23.51	23.55	23.52		
20	PI/2 BPSK	50	0	23.20	23.22	23.18	24.0	0.5
20	PI/2 BPSK	50	28	23.62	23.67	23.60	24.5	0.0
20	PI/2 BPSK	50	56	23.15	23.17	23.11	24.0	0.5
20	PI/2 BPSK	100	0	23.20	23.23	23.19		
20	QPSK	1	1	23.62	23.71	23.53	24.5	0.0
20	QPSK	1	53	23.60	23.72	23.61		
20	QPSK	1	104	23.56	23.65	23.60		
20	QPSK	50	0	22.72	22.69	22.74	23.5	1.0
20	QPSK	50	28	23.68	23.68	23.63	24.5	0.0
20	QPSK	50	56	22.63	22.64	22.64	23.5	1.0
20	QPSK	100	0	22.75	22.65	22.63		
20	16QAM	1	1	22.95	22.87	22.91	23.5	1.0
20	64QAM	1	1	21.43	21.41	21.45	22.0	2.5
20	256QAM	1	1	19.24	19.23	19.22	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.64	23.61	23.56	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.54	23.59	23.63	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.59	23.60	23.66	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.08	21.23	21.14	22.2	0.0
20	PI/2 BPSK	1	53	20.96	21.06	21.01		
20	PI/2 BPSK	1	104	20.94	21.07	21.02		
20	PI/2 BPSK	50	0	20.94	21.08	20.96	22.2	0.0
20	PI/2 BPSK	50	28	21.05	21.19	21.05	22.2	0.0
20	PI/2 BPSK	50	56	20.98	21.12	20.96	22.2	0.0
20	PI/2 BPSK	100	0	20.99	21.14	21.09		
20	QPSK	1	1	21.06	21.16	21.01	22.2	0.0
20	QPSK	1	53	21.09	21.14	21.02		
20	QPSK	1	104	21.01	21.11	21.01		
20	QPSK	50	0	21.02	21.14	21.00	22.2	0.0
20	QPSK	50	28	21.05	21.16	21.07	22.2	0.0
20	QPSK	50	56	21.01	21.07	20.95	22.2	0.0
20	QPSK	100	0	20.99	21.12	20.98		
20	16QAM	1	1	21.01	21.16	21.08	22.2	0.0
20	64QAM	1	1	20.53	20.62	20.55	21.2	1.0
20	256QAM	1	1	18.27	18.43	18.30	19.2	3.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.93	21.12	21.06	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.96	21.17	21.08	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.93	21.08	21.06	22.2	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.88	21.16	20.75	22.3	0.0
20	PI/2 BPSK	1	53	20.83	20.87	20.65		
20	PI/2 BPSK	1	104	20.78	20.76	20.69		
20	PI/2 BPSK	50	0	20.74	20.86	20.62	22.3	0.0
20	PI/2 BPSK	50	28	20.82	20.89	20.66	22.3	0.0
20	PI/2 BPSK	50	56	20.76	20.82	20.57	22.3	0.0
20	PI/2 BPSK	100	0	20.77	20.86	20.63		
20	QPSK	1	1	20.58	20.95	20.67	22.3	0.0
20	QPSK	1	53	20.26	20.87	20.72		
20	QPSK	1	104	20.22	20.82	20.66		
20	QPSK	50	0	20.17	20.36	20.13	22.3	0.0
20	QPSK	50	28	20.28	20.78	20.64	22.3	0.0
20	QPSK	50	56	20.25	20.31	20.14	22.3	0.0
20	QPSK	100	0	20.08	20.32	20.08		
20	16QAM	1	1	20.22	20.60	20.40	22.3	0.0
20	64QAM	1	1	20.42	20.94	20.64	21.8	0.5
20	256QAM	1	1	18.12	18.73	18.46	19.8	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.74	21.03	20.60	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.75	21.11	20.69	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.78	21.09	20.65	22.3	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.10	20.22	20.16	21.2	0.0
20	PI/2 BPSK	1	53	19.98	20.13	20.08		
20	PI/2 BPSK	1	104	20.02	20.13	20.04		
20	PI/2 BPSK	50	0	19.95	20.06	19.91	21.2	0.0
20	PI/2 BPSK	50	28	20.04	20.09	20.03	21.2	0.0
20	PI/2 BPSK	50	56	20.00	20.07	20.02	21.2	0.0
20	PI/2 BPSK	100	0	20.09	20.15	20.04		
20	QPSK	1	1	20.03	20.17	20.10	21.2	0.0
20	QPSK	1	53	20.03	20.14	20.09		
20	QPSK	1	104	20.00	20.15	20.04		
20	QPSK	50	0	19.97	20.09	19.95	21.2	0.0
20	QPSK	50	28	19.97	20.11	19.96	21.2	0.0
20	QPSK	50	56	20.04	20.12	19.98	21.2	0.0
20	QPSK	100	0	19.95	20.08	19.92		
20	16QAM	1	1	20.08	20.19	20.05	21.2	0.0
20	64QAM	1	1	19.98	20.04	19.96	21.2	0.0
20	256QAM	1	1	17.88	17.98	17.82	19.2	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.05	20.06	20.00	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.97	20.14	19.96	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.96	20.07	19.98	21.2	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	20.54	20.65	20.60	21.3	0.0
30	PI/2 BPSK	1	80	20.47	20.54	20.43		
30	PI/2 BPSK	1	158	20.26	20.37	20.30		
30	PI/2 BPSK	80	0	20.46	20.52	20.43	21.3	0.0
30	PI/2 BPSK	80	40	20.55	20.61	20.52	21.3	0.0
30	PI/2 BPSK	80	80	20.50	20.56	20.42	21.3	0.0
30	PI/2 BPSK	160	0	20.42	20.55	20.47		
30	QPSK	1	1	20.50	20.57	20.46	21.3	0.0
30	QPSK	1	80	20.46	20.55	20.41		
30	QPSK	1	158	20.29	20.44	20.34		
30	QPSK	80	0	20.46	20.57	20.44	21.3	0.0
30	QPSK	80	40	20.37	20.44	20.35	21.3	0.0
30	QPSK	80	80	20.36	20.49	20.34	21.3	0.0
30	QPSK	160	0	20.39	20.49	20.41		
30	16QAM	1	1	20.47	20.63	20.58	21.3	0.0
30	64QAM	1	1	20.42	20.56	20.45	21.3	0.0
30	256QAM	1	1	18.99	19.04	18.95	19.3	2.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.49	20.53	20.55	21.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	20.48	20.57	20.55	21.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	20.40	20.53	20.49	21.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	20.45	20.59	20.52	21.3	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	20.87	21.11	20.91	22.0	0.0
30	PI/2 BPSK	1	80	20.81	20.85	20.83		
30	PI/2 BPSK	1	158	20.75	20.81	20.80		
30	PI/2 BPSK	80	0	20.75	20.82	20.80	22.0	0.0
30	PI/2 BPSK	80	40	20.80	20.85	20.82	22.0	0.0
30	PI/2 BPSK	80	80	20.75	20.81	20.78	22.0	0.0
30	PI/2 BPSK	160	0	20.89	20.92	20.90		
30	QPSK	1	1	20.61	20.78	20.66	22.0	0.0
30	QPSK	1	80	20.49	20.77	20.63		
30	QPSK	1	158	20.67	20.81	20.73		
30	QPSK	80	0	19.78	20.04	19.94	22.0	0.0
30	QPSK	80	40	20.49	20.67	20.55	22.0	0.0
30	QPSK	80	80	20.02	20.16	20.01	22.0	0.0
30	QPSK	160	0	20.03	20.15	20.10		
30	16QAM	1	1	20.03	20.24	20.15	22.0	0.0
30	64QAM	1	1	20.83	21.09	20.97	22.0	0.0
30	256QAM	1	1	19.02	19.03	19.01	20.0	2.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.76	20.97	20.84	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	20.78	20.98	20.83	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	20.76	21.02	20.79	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	20.73	21.04	20.82	22.0	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	19.01	19.12	18.96	19.8	0.0
30	PI/2 BPSK	1	80	18.80	18.86	18.77		
30	PI/2 BPSK	1	158	18.58	18.73	18.59		
30	PI/2 BPSK	80	0	18.73	18.84	18.76	19.8	0.0
30	PI/2 BPSK	80	40	18.76	18.86	18.78	19.8	0.0
30	PI/2 BPSK	80	80	18.66	18.79	18.72	19.8	0.0
30	PI/2 BPSK	160	0	18.75	18.82	18.72		
30	QPSK	1	1	18.80	18.92	18.84	19.8	0.0
30	QPSK	1	80	18.76	18.84	18.77		
30	QPSK	1	158	18.67	18.75	18.70		
30	QPSK	80	0	18.72	18.86	18.70	19.8	0.0
30	QPSK	80	40	18.71	18.83	18.77	19.8	0.0
30	QPSK	80	80	18.74	18.81	18.76	19.8	0.0
30	QPSK	160	0	18.74	18.81	18.66		
30	16QAM	1	1	18.94	19.09	19.02	19.8	0.0
30	64QAM	1	1	18.94	19.05	18.94	19.8	0.0
30	256QAM	1	1	18.82	18.96	18.82	19.3	0.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	18.94	19.01	18.84	19.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	18.93	19.03	18.80	19.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	18.89	19.06	18.87	19.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	18.89	18.99	18.91	19.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.03	22.13	22.04	23.2	0.0
40	PI/2 BPSK	1	53	21.69	21.84	21.73		
40	PI/2 BPSK	1	104	21.69	21.79	21.66		
40	PI/2 BPSK	50	0	21.81	21.91	21.82	23.2	0.0
40	PI/2 BPSK	50	28	21.88	21.99	21.84	23.2	0.0
40	PI/2 BPSK	50	56	21.61	21.76	21.67	23.2	0.0
40	PI/2 BPSK	100	0	21.73	21.87	21.71		
40	QPSK	1	1	21.95	22.07	22.00	23.2	0.0
40	QPSK	1	53	21.74	21.87	21.78		
40	QPSK	1	104	21.72	21.86	21.79		
40	QPSK	50	0	21.78	21.93	21.79	23.2	0.0
40	QPSK	50	28	21.67	21.82	21.66		
40	QPSK	50	56	21.72	21.82	21.75		
40	QPSK	100	0	21.81	21.89	21.77	23.2	0.0
40	16QAM	1	1	22.02	22.11	22.05	23.2	0.0
40	64QAM	1	1	21.37	21.52	21.47	21.7	1.5
40	256QAM	1	1	19.13	19.26	19.14	19.7	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	21.91	22.01	21.95	23.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	21.93	22.00	21.94	23.2	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.96	21.29	21.00	22.0	0.0
40	PI/2 BPSK	1	53	20.89	21.05	20.95		
40	PI/2 BPSK	1	104	20.90	21.02	20.91		
40	PI/2 BPSK	50	0	20.80	20.90	20.82	22.0	0.0
40	PI/2 BPSK	50	28	20.87	20.98	20.88	22.0	0.0
40	PI/2 BPSK	50	56	20.78	20.85	20.81	22.0	0.0
40	PI/2 BPSK	100	0	20.85	20.96	20.87		
40	QPSK	1	1	20.98	21.02	21.00	22.0	0.0
40	QPSK	1	53	20.96	21.01	20.98		
40	QPSK	1	104	20.93	20.95	20.94		
40	QPSK	50	0	20.41	20.45	20.46	22.0	0.0
40	QPSK	50	28	20.89	20.92	20.87		
40	QPSK	50	56	20.37	20.49	20.45		
40	QPSK	100	0	20.83	20.84	20.83	22.0	0.0
40	16QAM	1	1	21.19	21.28	21.22	22.0	0.0
40	64QAM	1	1	21.09	21.10	21.04	22.0	0.0
40	256QAM	1	1	19.76	19.83	19.82	20.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.82	21.21	20.84	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.89	21.23	20.89	22.0	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.04	19.18	19.13	20.5	0.0
40	PI/2 BPSK	1	53	18.88	19.06	18.96		
40	PI/2 BPSK	1	104	19.04	19.05	19.09		
40	PI/2 BPSK	50	0	18.99	18.98	19.01	20.5	0.0
40	PI/2 BPSK	50	28	19.05	19.08	19.06	20.5	0.0
40	PI/2 BPSK	50	56	19.04	19.01	19.03	20.5	0.0
40	PI/2 BPSK	100	0	19.06	19.12	19.11		
40	QPSK	1	1	19.08	19.13	19.03	20.5	0.0
40	QPSK	1	53	19.04	19.17	19.04		
40	QPSK	1	104	18.98	19.14	19.03		
40	QPSK	50	0	18.86	18.98	18.82	20.5	0.0
40	QPSK	50	28	18.83	18.99	18.84		
40	QPSK	50	56	19.00	19.07	18.94		
40	QPSK	100	0	18.93	19.02	18.86	20.5	0.0
40	16QAM	1	1	18.87	18.95	18.90	20.5	0.0
40	64QAM	1	1	18.99	19.14	19.02	20.5	0.0
40	256QAM	1	1	18.98	19.14	18.98	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.99	19.05	19.01	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.99	19.10	19.06	20.5	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.01	22.07	21.92	23.0	0.0
100	PI/2 BPSK	1	137	21.56	21.62	21.49		
100	PI/2 BPSK	1	271	21.45	21.58	21.44		
100	PI/2 BPSK	135	0	21.53	21.69	21.62	23.0	0.0
100	PI/2 BPSK	135	69	21.67	21.78	21.63	23.0	0.0
100	PI/2 BPSK	135	138	21.44	21.59	21.46	23.0	0.0
100	PI/2 BPSK	270	0	21.68	21.77	21.69		
100	QPSK	1	1	21.68	21.82	21.74	23.0	0.0
100	QPSK	1	137	21.64	21.73	21.68		
100	QPSK	1	271	21.51	21.63	21.57		
100	QPSK	135	0	21.69	21.81	21.69	23.0	0.0
100	QPSK	135	69	21.47	21.61	21.46		
100	QPSK	135	138	21.55	21.63	21.47		
100	QPSK	270	0	21.54	21.65	21.53	23.0	0.0
100	16QAM	1	1	21.89	22.01	21.87	23.0	0.0
100	64QAM	1	1	21.00	21.15	21.01	21.5	1.5
100	256QAM	1	1	18.81	18.91	18.86	19.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	21.96	22.02	21.79	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	21.96	21.98	21.78	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	21.87	21.95	21.85	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	21.86	21.94	21.86	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	21.94	21.97	21.77	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	21.96	21.99	21.79	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	21.87	21.98	21.78	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	21.95	21.96	21.76	23.0	0.0

n41_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.81	21.15	20.85	21.8	0.0
100	PI/2 BPSK	1	137	20.50	20.69	20.55		
100	PI/2 BPSK	1	271	20.56	20.65	20.63		
100	PI/2 BPSK	135	0	20.51	20.58	20.52	21.8	0.0
100	PI/2 BPSK	135	69	20.55	20.62	20.58	21.8	0.0
100	PI/2 BPSK	135	138	20.51	20.56	20.52	21.8	0.0
100	PI/2 BPSK	270	0	20.54	20.57	20.55		
100	QPSK	1	1	20.54	20.73	20.58	21.8	0.0
100	QPSK	1	137	20.44	20.72	20.61		
100	QPSK	1	271	20.50	20.71	20.62		
100	QPSK	135	0	20.94	21.12	20.98	21.8	0.0
100	QPSK	135	69	21.05	21.08	21.02		
100	QPSK	135	138	20.92	21.10	21.03		
100	QPSK	270	0	20.82	21.06	20.98	21.8	0.0
100	16QAM	1	1	20.93	21.11	21.06	21.8	0.0
100	64QAM	1	1	20.65	20.89	20.81	21.8	0.0
100	256QAM	1	1	19.42	19.68	19.58	20.3	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	20.65	21.10	20.70	21.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.73	21.02	20.73	21.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.71	21.10	20.70	21.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.66	21.04	20.71	21.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.71	21.07	20.77	21.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.67	21.02	20.74	21.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.67	21.08	20.75	21.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.73	21.01	20.69	21.8	0.0

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.13	20.28	20.21	21.5	0.0
100	PI/2 BPSK	1	137	20.08	20.25	20.20		
100	PI/2 BPSK	1	271	20.11	20.23	20.15		
100	PI/2 BPSK	135	0	20.16	20.21	20.18	21.5	0.0
100	PI/2 BPSK	135	69	20.17	20.25	20.20	21.5	0.0
100	PI/2 BPSK	135	138	20.11	20.15	20.13	21.5	0.0
100	PI/2 BPSK	270	0	20.11	20.19	20.15		
100	QPSK	1	1	20.02	20.07	20.03	21.5	0.0
100	QPSK	1	137	20.15	20.02	19.95		
100	QPSK	1	271	20.22	20.12	20.26		
100	QPSK	135	0	19.55	19.53	19.62	21.5	0.0
100	QPSK	135	69	19.99	19.97	20.16		
100	QPSK	135	138	19.56	19.53	19.70		
100	QPSK	270	0	19.50	19.53	19.68	21.5	0.0
100	16QAM	1	1	19.68	19.78	19.83	21.5	0.0
100	64QAM	1	1	19.96	19.68	19.83	21.5	0.0
100	256QAM	1	1	18.66	18.46	18.56	19.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	20.05	20.18	20.08	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.04	20.20	20.09	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.03	20.13	20.10	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.03	20.14	20.11	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.03	20.13	20.15	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.01	20.18	20.05	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.00	20.12	20.11	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.06	20.22	20.13	21.5	0.0

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.27		24.3	0.0
100	PI/2 BPSK	1	137		23.18			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.10		23.8	0.5
100	PI/2 BPSK	135	69		23.12		24.3	0.0
100	PI/2 BPSK	135	138		22.54		23.8	0.5
100	PI/2 BPSK	270	0		22.56			
100	QPSK	1	1		23.16		24.3	0.0
100	QPSK	1	137		23.20			
100	QPSK	1	271		23.05			
100	QPSK	135	0		23.01		24.3	0.0
100	QPSK	135	69		23.02			
100	QPSK	135	138		23.00			
100	QPSK	270	0		21.99		23.3	1.0
100	16QAM	1	1		22.03		23.3	1.0
100	64QAM	1	1		20.75		21.8	2.5
100	256QAM	1	1		18.73		19.8	4.5
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.05	23.14	23.10	24.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.98	23.07	23.01	24.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.96	23.09	23.05	24.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	22.93	23.09	23.05	24.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.92	23.08	23.04	24.3	0.0

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.15	23.21	23.05	24.3	0.0
100	PI/2 BPSK	1	137	23.11	23.13	23.03		
100	PI/2 BPSK	1	271	23.08	23.11	23.01		
100	PI/2 BPSK	135	0	22.86	22.87	22.54	23.8	0.5
100	PI/2 BPSK	135	69	23.01	23.03	23.00	24.3	0.0
100	PI/2 BPSK	135	138	22.69	22.73	22.58	23.8	0.5
100	PI/2 BPSK	270	0	22.72	22.85	22.63		
100	QPSK	1	1	23.00	23.07	22.90	24.3	0.0
100	QPSK	1	137	22.84	22.93	22.78		
100	QPSK	1	271	22.85	22.95	22.71		
100	QPSK	135	0	22.36	22.52	22.34	24.3	0.0
100	QPSK	135	69	22.78	22.91	22.75		
100	QPSK	135	138	22.43	22.50	22.40		
100	QPSK	270	0	21.74	21.88	21.60	23.3	1.0
100	16QAM	1	1	22.17	22.30	22.08	23.3	1.0
100	64QAM	1	1	20.68	20.83	20.66	21.8	2.5
100	256QAM	1	1	18.40	18.54	18.28	19.8	4.5
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	23.01	23.10	22.93	24.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	23.03	23.10	22.90	24.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	23.09	23.16	22.99	24.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	23.07	23.06	22.89	24.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	23.10	23.07	22.94	24.3	0.0

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.43		19.3	0.0
100	PI/2 BPSK	1	137		18.35			
100	PI/2 BPSK	1	271		18.36			
100	PI/2 BPSK	135	0		18.36		19.3	0.0
100	PI/2 BPSK	135	69		18.37		19.3	0.0
100	PI/2 BPSK	135	138		18.22		19.3	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.41		19.3	0.0
100	QPSK	1	137		18.28			
100	QPSK	1	271		18.37			
100	QPSK	135	0		18.33		19.3	0.0
100	QPSK	135	69		18.24			
100	QPSK	135	138		18.31			
100	QPSK	270	0		18.28		19.3	0.0
100	16QAM	1	1		18.40		19.3	0.0
100	64QAM	1	1		18.33		19.3	0.0
100	256QAM	1	1		18.40		19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.37	18.27	18.30	19.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.33	18.33	18.35	19.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.37	18.32	18.33	19.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.31	18.36	18.37	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.28	18.36	18.37	19.3	0.0

Par27O n77_Ant 24

BW [MHz]	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	18.22	18.31	17.72	19.3	0.0
100	PI/2 BPSK	1	137	18.21	17.86	17.51		
100	PI/2 BPSK	1	271	18.13	17.71	17.71		
100	PI/2 BPSK	135	0	18.08	17.89	17.52	19.3	0.0
100	PI/2 BPSK	135	69	18.09	18.11	17.72	19.3	0.0
100	PI/2 BPSK	135	138	18.05	17.53	17.66	19.3	0.0
100	PI/2 BPSK	270	0	18.21	17.68	17.56		
100	QPSK	1	1	17.96	18.03	17.95	19.3	0.0
100	QPSK	1	137	17.74	17.79	17.64		
100	QPSK	1	271	17.45	17.55	17.46		
100	QPSK	135	0	17.80	17.86	17.78	19.3	0.0
100	QPSK	135	69	17.61	17.72	17.63		
100	QPSK	135	138	17.45	17.57	17.45		
100	QPSK	270	0	17.62	17.74	17.63	19.3	0.0
100	16QAM	1	1	18.19	18.24	18.12	19.3	0.0
100	64QAM	1	1	18.08	18.18	18.02	19.3	0.0
100	256QAM	1	1	17.87	18.02	17.95	19.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	18.11	18.15	17.64	19.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	18.12	18.23	17.57	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	18.07	18.20	17.57	19.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	18.09	18.26	17.60	19.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	18.08	18.21	17.60	19.3	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.35		24.0	0.0
100	PI/2 BPSK	1	137		23.29			
100	PI/2 BPSK	1	271		23.26			
100	PI/2 BPSK	135	0		23.21		24.0	0.0
100	PI/2 BPSK	135	69		23.34		24.0	0.0
100	PI/2 BPSK	135	138		23.27		24.0	0.0
100	PI/2 BPSK	270	0		23.25			
100	QPSK	1	1		23.18		24.0	0.0
100	QPSK	1	137		23.25			
100	QPSK	1	271		23.24			
100	QPSK	135	0		23.16		24.0	0.0
100	QPSK	135	69		23.23			
100	QPSK	135	138		23.21			
100	QPSK	270	0		23.22		24.0	0.0
100	16QAM	1	1		23.21		24.0	0.0
100	64QAM	1	1		22.28		22.5	1.5
100	256QAM	1	1		20.07		20.5	3.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.23	23.29	23.28	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.29	23.28	23.22	24.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.23	23.20	23.19	24.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.29	23.21	23.24	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.30	23.28	23.25	24.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.27	23.30	23.25	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.28	23.29	23.25	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.25	23.27	23.23	24.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.08		24.0	0.0
100	PI/2 BPSK	1	137		22.77			
100	PI/2 BPSK	1	271		22.70			
100	PI/2 BPSK	135	0		22.64		24.0	0.0
100	PI/2 BPSK	135	69		22.68		24.0	0.0
100	PI/2 BPSK	135	138		22.59		24.0	0.0
100	PI/2 BPSK	270	0		22.65			
100	QPSK	1	1		22.91		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.66			
100	QPSK	135	0		22.75		24.0	0.0
100	QPSK	135	69		22.65			
100	QPSK	135	138		22.60			
100	QPSK	270	0		22.63		24.0	0.0
100	16QAM	1	1		23.06		24.0	0.0
100	64QAM	1	1		22.04		22.5	1.5
100	256QAM	1	1		19.78		20.5	3.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.98	22.98	23.03	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.01	22.96	22.99	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	22.98	22.99	23.00	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.03	22.93	22.97	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	22.98	22.97	22.98	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.00	22.92	22.93	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.00	22.93	22.97	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.01	22.95	22.96	24.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.35		19.3	0.0
100	PI/2 BPSK	1	137		18.30			
100	PI/2 BPSK	1	271		18.28			
100	PI/2 BPSK	135	0		18.24		19.3	0.0
100	PI/2 BPSK	135	69		18.31		19.3	0.0
100	PI/2 BPSK	135	138		18.13		19.3	0.0
100	PI/2 BPSK	270	0		18.16			
100	QPSK	1	1		18.24		19.3	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.23			
100	QPSK	135	0		18.25		19.3	0.0
100	QPSK	135	69		18.22			
100	QPSK	135	138		18.17			
100	QPSK	270	0		18.21		19.3	0.0
100	16QAM	1	1		18.34		19.3	0.0
100	64QAM	1	1		18.23		19.3	0.0
100	256QAM	1	1		18.27		19.3	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.27	18.29	18.22	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.29	18.23	18.19	19.3	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.29	18.24	18.26	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.19	18.20	18.28	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.25	18.22	18.28	19.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.26	18.21	18.20	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.29	18.26	18.26	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.24	18.29	18.27	19.3	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.33		19.3	0.0
100	PI/2 BPSK	1	137		18.24			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.14		19.3	0.0
100	PI/2 BPSK	135	69		18.18		19.3	0.0
100	PI/2 BPSK	135	138		18.15		19.3	0.0
100	PI/2 BPSK	270	0		18.13			
100	QPSK	1	1		18.22		19.3	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.10			
100	QPSK	135	0		18.21		19.3	0.0
100	QPSK	135	69		18.16			
100	QPSK	135	138		18.14			
100	QPSK	270	0		18.13		19.3	0.0
100	16QAM	1	1		18.26		19.3	0.0
100	64QAM	1	1		18.29		19.3	0.0
100	256QAM	1	1		18.17		19.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.19	18.21	18.25	19.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.27	18.26	18.19	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.26	18.26	18.25	19.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.21	18.21	18.19	19.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.26	18.20	18.25	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.17	18.25	18.22	19.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	18.18	18.24	18.19	19.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.20	18.20	18.24	19.3	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.39		21.5	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.35			
100	PI/2 BPSK	135	0		20.29		21.5	0.0
100	PI/2 BPSK	135	69		20.30		21.5	0.0
100	PI/2 BPSK	135	138		20.23		21.5	0.0
100	PI/2 BPSK	270	0		20.29			
100	QPSK	1	1		20.24		21.5	0.0
100	QPSK	1	137		20.30			
100	QPSK	1	271		20.31			
100	QPSK	135	0		20.34		21.5	0.0
100	QPSK	135	69		20.29			
100	QPSK	135	138		20.31			
100	QPSK	270	0		20.32		21.5	0.0
100	16QAM	1	1		20.38		21.5	0.0
100	64QAM	1	1		20.32		21.5	0.0
100	256QAM	1	1		20.29		20.5	1.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	20.30	20.25	20.31	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	20.25	20.32	20.28	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	20.29	20.27	20.34	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	20.29	20.27	20.33	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.25	20.28	20.34	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	20.31	20.26	20.34	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	20.33	20.28	20.24	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	20.25	20.31	20.29	21.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.68			
100	PI/2 BPSK	1	137		20.65		21.5	0.0
100	PI/2 BPSK	1	271		20.61			
100	PI/2 BPSK	135	0		20.35		21.5	0.0
100	PI/2 BPSK	135	69		20.68		21.5	0.0
100	PI/2 BPSK	135	138		20.61		21.5	0.0
100	PI/2 BPSK	270	0		20.51			
100	QPSK	1	1		20.52			
100	QPSK	1	137		20.63		21.5	0.0
100	QPSK	1	271		20.60			
100	QPSK	135	0		20.53			
100	QPSK	135	69		20.58		21.5	0.0
100	QPSK	135	138		20.61			
100	QPSK	270	0		20.48		21.5	0.0
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		20.60		21.5	0.0
100	256QAM	1	1		19.56		20.5	1.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	20.57	20.57	20.63	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.55	20.58	20.61	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.60	20.60	20.63	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	20.52	20.53	20.53	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.60	20.60	20.60	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.61	20.62	20.59	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	20.53	20.55	20.56	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.62	20.61	20.58	21.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.36			
100	PI/2 BPSK	1	137		20.32		21.5	0.0
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.20		21.5	0.0
100	PI/2 BPSK	135	69		20.27		21.5	0.0
100	PI/2 BPSK	135	138		20.14		21.5	0.0
100	PI/2 BPSK	270	0		20.18			
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.30		21.5	0.0
100	QPSK	1	271		20.22			
100	QPSK	135	0		20.08			
100	QPSK	135	69		20.13		21.5	0.0
100	QPSK	135	138		20.14			
100	QPSK	270	0		20.10		21.5	0.0
100	16QAM	1	1		20.22		21.5	0.0
100	64QAM	1	1		20.17		21.5	0.0
100	256QAM	1	1		19.25		20.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	20.23	20.21	20.31	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	20.22	20.30	20.27	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	20.29	20.23	20.20	21.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	20.26	20.28	20.28	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.23	20.26	20.31	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	20.21	20.25	20.21	21.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	20.28	20.22	20.20	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	20.27	20.29	20.23	21.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.78			
100	PI/2 BPSK	1	137		19.62		21.5	0.0
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		19.62		21.5	0.0
100	PI/2 BPSK	135	69		19.63		21.5	0.0
100	PI/2 BPSK	135	138		19.52		21.5	0.0
100	PI/2 BPSK	270	0		19.58			
100	QPSK	1	1		19.68			
100	QPSK	1	137		19.52		21.5	0.0
100	QPSK	1	271		19.50			
100	QPSK	135	0		19.51			
100	QPSK	135	69		19.50		21.5	0.0
100	QPSK	135	138		19.50			
100	QPSK	270	0		19.75		21.5	0.0
100	16QAM	1	1		19.53		21.5	0.0
100	64QAM	1	1		19.77		21.5	0.0
100	256QAM	1	1		18.98		20.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.62	19.61	19.61	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.52	19.63	19.54	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.63	19.56	19.61	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.60	19.63	19.54	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.54	19.62	19.61	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.61	19.62	19.58	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.63	19.60	19.60	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.54	19.55	19.60	21.5	0.0

Reduced Power for DSI 5

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.82	15.95	15.81	16.8	0.0
20	PI/2 BPSK	1	53	15.81	15.84	15.74		
20	PI/2 BPSK	1	104	15.80	15.86	15.72		
20	PI/2 BPSK	50	0	15.68	15.82	15.75	16.8	0.0
20	PI/2 BPSK	50	28	15.76	15.88	15.82	16.8	0.0
20	PI/2 BPSK	50	56	15.72	15.74	15.73	16.8	0.0
20	PI/2 BPSK	100	0	15.78	15.82	15.77		
20	QPSK	1	1	15.75	15.86	15.57	16.8	0.0
20	QPSK	1	53	15.80	15.88	15.64		
20	QPSK	1	104	15.72	15.88	15.61		
20	QPSK	50	0	15.74	15.83	15.57	16.8	0.0
20	QPSK	50	28	15.74	15.81	15.61	16.8	0.0
20	QPSK	50	56	15.64	15.77	15.55	16.8	0.0
20	QPSK	100	0	15.71	15.78	15.56		
20	16QAM	1	1	15.69	15.81	15.57	16.8	0.0
20	64QAM	1	1	15.83	15.91	15.78	16.8	0.0
20	256QAM	1	1	15.74	15.90	15.76	16.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	15.72	15.80	15.75	16.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	15.71	15.86	15.70	16.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	15.69	15.89	15.70	16.8	0.0

n2_Ant 31

BW [MHz]	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	21.18	21.31	21.03	22.0	0.0
20	PI/2 BPSK	1	53	21.16	21.17	20.96		
20	PI/2 BPSK	1	104	21.07	21.15	20.92		
20	PI/2 BPSK	50	0	20.64	20.66	20.46	22.0	0.0
20	PI/2 BPSK	50	28	21.10	21.13	20.99	22.0	0.0
20	PI/2 BPSK	50	56	20.50	20.53	20.43	22.0	0.0
20	PI/2 BPSK	100	0	20.52	20.55	20.45		
20	QPSK	1	1	21.16	21.20	21.15	22.0	0.0
20	QPSK	1	53	21.14	21.15	21.05		
20	QPSK	1	104	21.08	21.11	21.06		
20	QPSK	50	0	21.29	21.23	21.28	22.0	0.0
20	QPSK	50	28	21.17	21.26	21.21	22.0	0.0
20	QPSK	50	56	21.05	21.23	21.11	22.0	0.0
20	QPSK	100	0	21.17	21.18	21.13		
20	16QAM	1	1	21.22	21.24	21.23	22.0	0.0
20	64QAM	1	1	19.94	19.98	19.96	21.0	1.0
20	256QAM	1	1	17.97	17.93	17.67	19.0	3.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	21.08	21.22	20.88	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	21.10	21.20	20.98	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	21.13	21.18	20.88	22.0	0.0

n5_Ant 11

BW [MHz]	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	23.54	23.58	23.51	24.5	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.42		
20	PI/2 BPSK	1	104	23.37	23.39	23.35		
20	PI/2 BPSK	50	0	23.10	23.12	23.08	24.0	0.5
20	PI/2 BPSK	50	28	23.54	23.56	23.53	24.5	0.0
20	PI/2 BPSK	50	56	22.94	22.42	22.93	24.0	0.5
20	PI/2 BPSK	100	0	23.05	23.07	23.01		
20	QPSK	1	1	23.55	23.57	23.33	24.5	0.0
20	QPSK	1	53	23.51	23.53	23.45		
20	QPSK	1	104	23.41	23.45	23.39		
20	QPSK	50	0	22.58	22.47	22.59	23.5	1.0
20	QPSK	50	28	23.57	23.46	23.49	24.5	0.0
20	QPSK	50	56	22.48	22.47	22.44	23.5	1.0
20	QPSK	100	0	22.57	22.51	22.49		
20	16QAM	1	1	22.76	22.68	22.84	23.5	1.0
20	64QAM	1	1	21.27	21.25	21.25	22.0	2.5
20	256QAM	1	1	19.06	19.01	19.14	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.45	23.50	23.43	24.5	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.45	23.44	23.45	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.49	23.47	23.40	24.5	0.0

n5_Ant 41

BW [MHz]	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	23.70	23.74	23.72	24.5	0.0
20	PI/2 BPSK	1	53	23.62	23.67	23.61		
20	PI/2 BPSK	1	104	23.51	23.55	23.52		
20	PI/2 BPSK	50	0	23.20	23.22	23.18	24.0	0.5
20	PI/2 BPSK	50	28	23.62	23.67	23.60	24.5	0.0
20	PI/2 BPSK	50	56	23.15	23.17	23.11	24.0	0.5
20	PI/2 BPSK	100	0	23.20	23.23	23.19		
20	QPSK	1	1	23.62	23.71	23.53	24.5	0.0
20	QPSK	1	53	23.60	23.72	23.61		
20	QPSK	1	104	23.56	23.65	23.60		
20	QPSK	50	0	22.72	22.69	22.74	23.5	1.0
20	QPSK	50	28	23.68	23.68	23.63	24.5	0.0
20	QPSK	50	56	22.63	22.64	22.64	23.5	1.0
20	QPSK	100	0	22.75	22.65	22.63		
20	16QAM	1	1	22.95	22.87	22.91	23.5	1.0
20	64QAM	1	1	21.43	21.41	21.45	22.0	2.5
20	256QAM	1	1	19.24	19.23	19.22	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.64	23.61	23.56	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.54	23.59	23.63	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.59	23.60	23.66	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.07	18.23	18.15	19.2	0.0
20	PI/2 BPSK	1	53	17.92	18.06	17.97		
20	PI/2 BPSK	1	104	18.01	18.07	17.98		
20	PI/2 BPSK	50	0	17.97	18.08	17.97	19.2	0.0
20	PI/2 BPSK	50	28	18.13	18.19	18.09	19.2	0.0
20	PI/2 BPSK	50	56	18.03	18.12	18.02	19.2	0.0
20	PI/2 BPSK	100	0	18.00	18.14	18.02		
20	QPSK	1	1	18.09	18.16	18.06	19.2	0.0
20	QPSK	1	53	17.98	18.14	18.04		
20	QPSK	1	104	17.98	18.11	18.06		
20	QPSK	50	0	18.07	18.14	18.00	19.2	0.0
20	QPSK	50	28	18.00	18.16	18.03	19.2	0.0
20	QPSK	50	56	17.99	18.07	17.99	19.2	0.0
20	QPSK	100	0	17.97	18.12	18.00		
20	16QAM	1	1	18.04	18.16	18.07	19.2	0.0
20	64QAM	1	1	18.00	18.15	18.10	19.2	0.0
20	256QAM	1	1	18.11	18.20	18.15	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.94	18.17	18.07	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.98	18.17	18.04	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	17.93	18.16	18.02	19.2	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.88	21.16	20.75	22.3	0.0
20	PI/2 BPSK	1	53	20.83	20.87	20.65		
20	PI/2 BPSK	1	104	20.78	20.76	20.69		
20	PI/2 BPSK	50	0	20.74	20.86	20.62	22.3	0.0
20	PI/2 BPSK	50	28	20.82	20.89	20.66	22.3	0.0
20	PI/2 BPSK	50	56	20.76	20.82	20.57	22.3	0.0
20	PI/2 BPSK	100	0	20.77	20.86	20.63		
20	QPSK	1	1	20.58	20.95	20.67	22.3	0.0
20	QPSK	1	53	20.26	20.87	20.72		
20	QPSK	1	104	20.22	20.82	20.66		
20	QPSK	50	0	20.17	20.36	20.13	22.3	0.0
20	QPSK	50	28	20.28	20.78	20.64	22.3	0.0
20	QPSK	50	56	20.45	20.51	20.34	22.3	0.0
20	QPSK	100	0	20.28	20.52	20.28		
20	16QAM	1	1	20.42	20.80	20.60	22.3	0.0
20	64QAM	1	1	20.42	20.94	20.64	21.8	0.5
20	256QAM	1	1	18.12	18.73	18.46	19.8	2.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.81	21.09	20.67	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.75	21.09	20.61	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	20.73	21.11	20.61	22.3	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.14	20.22	20.07	21.2	0.0
20	PI/2 BPSK	1	53	20.07	20.13	20.05		
20	PI/2 BPSK	1	104	19.99	20.13	19.98		
20	PI/2 BPSK	50	0	19.91	20.06	19.98	21.2	0.0
20	PI/2 BPSK	50	28	20.07	20.09	19.99	21.2	0.0
20	PI/2 BPSK	50	56	20.00	20.07	19.94	21.2	0.0
20	PI/2 BPSK	100	0	20.07	20.15	20.09		
20	QPSK	1	1	20.07	20.17	20.10	21.2	0.0
20	QPSK	1	53	20.02	20.14	19.98		
20	QPSK	1	104	20.04	20.15	20.05		
20	QPSK	50	0	20.02	20.09	19.93	21.2	0.0
20	QPSK	50	28	19.99	20.11	19.99	21.2	0.0
20	QPSK	50	56	20.07	20.12	20.03	21.2	0.0
20	QPSK	100	0	20.01	20.08	19.93		
20	16QAM	1	1	20.04	20.19	20.07	21.2	0.0
20	64QAM	1	1	19.98	20.04	19.88	21.2	0.0
20	256QAM	1	1	17.88	17.98	17.82	19.2	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	20.04	20.07	20.02	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	20.08	20.14	19.99	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.99	20.11	20.01	21.2	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	16.66	16.75	16.65	17.3	0.0
30	PI/2 BPSK	1	80	16.39	16.54	16.49		
30	PI/2 BPSK	1	158	16.27	16.37	16.21		
30	PI/2 BPSK	80	0	16.43	16.52	16.39	17.3	0.0
30	PI/2 BPSK	80	40	16.54	16.61	16.46	17.3	0.0
30	PI/2 BPSK	80	80	16.41	16.56	16.45	17.3	0.0
30	PI/2 BPSK	160	0	16.48	16.55	16.46		
30	QPSK	1	1	16.42	16.57	16.49	17.3	0.0
30	QPSK	1	80	16.46	16.55	16.40		
30	QPSK	1	158	16.35	16.44	16.36		
30	QPSK	80	0	16.46	16.57	16.41	17.3	0.0
30	QPSK	80	40	16.32	16.44	16.30	17.3	0.0
30	QPSK	80	80	16.33	16.49	16.36	17.3	0.0
30	QPSK	160	0	16.42	16.49	16.38		
30	16QAM	1	1	16.55	16.63	16.54	17.3	0.0
30	64QAM	1	1	16.41	16.56	16.41	17.3	0.0
30	256QAM	1	1	16.51	16.58	16.50	17.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.58	16.63	16.56	17.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	16.60	16.69	16.60	17.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	16.60	16.63	16.55	17.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	16.52	16.61	16.59	17.3	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	20.87	21.05	20.91	22.0	0.0
30	PI/2 BPSK	1	80	20.81	20.85	20.83		
30	PI/2 BPSK	1	158	20.75	20.81	20.80		
30	PI/2 BPSK	80	0	20.75	20.82	20.80	22.0	0.0
30	PI/2 BPSK	80	40	20.80	20.85	20.82	22.0	0.0
30	PI/2 BPSK	80	80	20.75	20.81	20.78	22.0	0.0
30	PI/2 BPSK	160	0	20.89	20.92	20.90		
30	QPSK	1	1	20.61	20.78	20.66	22.0	0.0
30	QPSK	1	80	20.49	20.77	20.63		
30	QPSK	1	158	20.67	20.81	20.73		
30	QPSK	80	0	19.78	20.04	19.94	22.0	0.0
30	QPSK	80	40	20.49	20.67	20.55	22.0	0.0
30	QPSK	80	80	19.88	20.16	20.01	22.0	0.0
30	QPSK	160	0	19.88	20.15	20.10		
30	16QAM	1	1	20.03	20.24	20.15	22.0	0.0
30	64QAM	1	1	20.83	21.01	20.97	22.0	0.0
30	256QAM	1	1	18.85	19.03	18.92	20.0	2.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.75	20.98	20.75	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	20.74	20.90	20.86	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	20.78	20.96	20.76	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	20.81	20.89	20.76	22.0	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	18.86	19.02	18.93	19.8	0.0
30	PI/2 BPSK	1	80	18.70	18.86	18.79		
30	PI/2 BPSK	1	158	18.66	18.73	18.61		
30	PI/2 BPSK	80	0	18.75	18.84	18.73	19.8	0.0
30	PI/2 BPSK	80	40	18.77	18.86	18.79	19.8	0.0
30	PI/2 BPSK	80	80	18.70	18.79	18.72	19.8	0.0
30	PI/2 BPSK	160	0	18.75	18.82	18.69		
30	QPSK	1	1	18.83	18.92	18.81	19.8	0.0
30	QPSK	1	80	18.75	18.84	18.73		
30	QPSK	1	158	18.59	18.75	18.60		
30	QPSK	80	0	18.77	18.86	18.77	19.8	0.0
30	QPSK	80	40	18.68	18.83	18.68	19.8	0.0
30	QPSK	80	80	18.72	18.81	18.74	19.8	0.0
30	QPSK	160	0	18.76	18.81	18.65		
30	16QAM	1	1	18.90	19.01	18.90	19.8	0.0
30	64QAM	1	1	18.90	19.00	18.85	19.8	0.0
30	256QAM	1	1	18.87	18.96	18.81	19.3	0.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	18.71	18.89	18.78	19.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	18.77	18.89	18.80	19.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	18.71	18.97	18.80	19.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	18.72	18.91	18.88	19.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.97	20.13	20.00	20.7	0.0
40	PI/2 BPSK	1	53	19.76	19.84	19.75		
40	PI/2 BPSK	1	104	19.65	19.79	19.73		
40	PI/2 BPSK	50	0	19.83	19.91	19.85	20.7	0.0
40	PI/2 BPSK	50	28	19.87	19.99	19.94	20.7	0.0
40	PI/2 BPSK	50	56	19.64	19.76	19.70	20.7	0.0
40	PI/2 BPSK	100	0	19.72	19.87	19.80		
40	QPSK	1	1	19.96	20.07	19.91	20.7	0.0
40	QPSK	1	53	19.76	19.87	19.82		
40	QPSK	1	104	19.70	19.86	19.71		
40	QPSK	50	0	19.88	19.93	19.77	20.7	0.0
40	QPSK	50	28	19.71	19.82	19.77		
40	QPSK	50	56	19.69	19.82	19.72		
40	QPSK	100	0	19.75	19.89	19.80	20.7	0.0
40	16QAM	1	1	19.98	20.11	19.96	20.7	0.0
40	64QAM	1	1	19.41	19.52	19.45	20.7	0.0
40	256QAM	1	1	19.10	19.26	19.14	19.7	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.84	20.02	19.90	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.91	20.08	19.88	20.7	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.96	21.29	21.00	22.0	0.0
40	PI/2 BPSK	1	53	20.89	21.05	20.95		
40	PI/2 BPSK	1	104	20.90	21.02	20.91		
40	PI/2 BPSK	50	0	20.80	20.90	20.82	22.0	0.0
40	PI/2 BPSK	50	28	20.87	20.98	20.88	22.0	0.0
40	PI/2 BPSK	50	56	20.78	20.85	20.81	22.0	0.0
40	PI/2 BPSK	100	0	20.85	20.96	20.87		
40	QPSK	1	1	20.98	21.02	21.00	22.0	0.0
40	QPSK	1	53	20.96	21.01	20.98		
40	QPSK	1	104	20.93	20.95	20.94		
40	QPSK	50	0	20.41	20.45	20.46	22.0	0.0
40	QPSK	50	28	20.89	20.92	20.87		
40	QPSK	50	56	20.37	20.49	20.45		
40	QPSK	100	0	20.83	20.84	20.83	22.0	0.0
40	16QAM	1	1	21.19	21.28	21.22	22.0	0.0
40	64QAM	1	1	21.09	21.10	21.04	22.0	0.0
40	256QAM	1	1	19.76	19.83	19.82	21.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	20.91	21.21	20.95	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	20.84	21.15	20.89	22.0	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.07	19.18	19.13	20.5	0.0
40	PI/2 BPSK	1	53	18.88	19.06	18.96		
40	PI/2 BPSK	1	104	19.04	19.05	19.09		
40	PI/2 BPSK	50	0	18.99	18.98	19.01	20.5	0.0
40	PI/2 BPSK	50	28	19.02	19.07	19.06	20.5	0.0
40	PI/2 BPSK	50	56	19.01	19.03	19.04	20.5	0.0
40	PI/2 BPSK	100	0	19.06	19.12	19.11		
40	QPSK	1	1	18.99	19.13	19.00	20.5	0.0
40	QPSK	1	53	19.06	19.17	19.06		
40	QPSK	1	104	19.06	19.14	19.07		
40	QPSK	50	0	18.86	18.98	18.83	20.5	0.0
40	QPSK	50	28	18.86	18.99	18.85		
40	QPSK	50	56	18.95	19.07	18.92		
40	QPSK	100	0	18.92	19.02	18.94	20.5	0.0
40	16QAM	1	1	18.80	18.95	18.88	20.5	0.0
40	64QAM	1	1	19.07	19.14	19.05	20.5	0.0
40	256QAM	1	1	19.03	19.14	18.98	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.92	19.09	19.04	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.01	19.04	19.02	20.5	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.55	19.67	19.56	20.5	0.0
100	PI/2 BPSK	1	137	19.00	19.12	18.99		
100	PI/2 BPSK	1	271	19.00	19.08	19.03		
100	PI/2 BPSK	135	0	19.09	19.19	19.08	20.5	0.0
100	PI/2 BPSK	135	69	19.23	19.28	19.24	20.5	0.0
100	PI/2 BPSK	135	138	18.97	19.09	18.93	20.5	0.0
100	PI/2 BPSK	270	0	19.11	19.27	19.21		
100	QPSK	1	1	19.26	19.32	19.20	20.5	0.0
100	QPSK	1	137	19.07	19.23	19.11		
100	QPSK	1	271	19.01	19.13	19.04		
100	QPSK	135	0	19.15	19.31	19.20	20.5	0.0
100	QPSK	135	69	19.01	19.11	19.00		
100	QPSK	135	138	19.07	19.13	19.03		
100	QPSK	270	0	19.05	19.15	19.00	20.5	0.0
100	16QAM	1	1	19.41	19.57	19.47	20.5	0.0
100	64QAM	1	1	19.55	19.65	19.54	20.5	0.0
100	256QAM	1	1	18.84	18.91	18.79	19.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	19.45	19.55	19.42	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	19.39	19.55	19.40	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	19.40	19.62	19.41	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	19.44	19.51	19.45	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	19.49	19.51	19.50	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	19.43	19.57	19.49	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	19.42	19.56	19.48	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	19.45	19.53	19.49	20.5	0.0

n41_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.81	21.15	20.85	21.8	0.0
100	PI/2 BPSK	1	137	20.50	20.69	20.55		
100	PI/2 BPSK	1	271	20.56	20.65	20.63		
100	PI/2 BPSK	135	0	20.51	20.58	20.52	21.8	0.0
100	PI/2 BPSK	135	69	20.55	20.62	20.58	21.8	0.0
100	PI/2 BPSK	135	138	20.51	20.56	20.52	21.8	0.0
100	PI/2 BPSK	270	0	20.54	20.57	20.55		
100	QPSK	1	1	20.54	20.73	20.58	21.8	0.0
100	QPSK	1	137	20.44	20.72	20.61		
100	QPSK	1	271	20.50	20.71	20.62		
100	QPSK	135	0	20.94	21.02	20.98	21.8	0.0
100	QPSK	135	69	21.05	21.08	21.00		
100	QPSK	135	138	20.92	21.10	21.03		
100	QPSK	270	0	20.82	21.06	20.98	21.8	0.0
100	16QAM	1	1	20.93	21.01	21.06	21.8	0.0
100	64QAM	1	1	20.65	20.89	20.81	21.8	0.0
100	256QAM	1	1	19.42	19.68	19.58	20.3	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	20.76	21.00	20.70	21.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.76	21.10	20.75	21.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.75	21.03	20.78	21.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.66	20.99	20.74	21.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.70	21.03	20.76	21.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.68	21.07	20.80	21.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.69	21.10	20.80	21.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.71	20.99	20.79	21.8	0.0

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.13	20.28	20.21	21.5	0.0
100	PI/2 BPSK	1	137	20.08	20.25	20.20		
100	PI/2 BPSK	1	271	20.11	20.23	20.15		
100	PI/2 BPSK	135	0	20.16	20.21	20.18	21.5	0.0
100	PI/2 BPSK	135	69	20.17	20.25	20.20	21.5	0.0
100	PI/2 BPSK	135	138	20.11	20.15	20.13	21.5	0.0
100	PI/2 BPSK	270	0	20.11	20.19	20.15		
100	QPSK	1	1	20.02	20.07	20.03	21.5	0.0
100	QPSK	1	137	20.15	20.02	19.95		
100	QPSK	1	271	20.22	20.12	20.26		
100	QPSK	135	0	19.55	19.53	19.62	21.5	0.0
100	QPSK	135	69	19.99	19.97	20.16		
100	QPSK	135	138	19.56	19.53	19.70		
100	QPSK	270	0	19.50	19.53	19.68	21.5	0.0
100	16QAM	1	1	19.68	19.78	19.83	21.5	0.0
100	64QAM	1	1	19.96	19.68	19.83	21.5	0.0
100	256QAM	1	1	18.66	18.46	18.56	19.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	19.97	20.12	20.12	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	20.06	20.19	20.12	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	20.05	20.18	20.10	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	20.01	20.23	20.06	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.06	20.17	20.08	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	20.06	20.12	20.06	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	20.00	20.13	20.06	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	20.08	20.16	20.09	21.5	0.0

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.02		18.8	0.0
100	PI/2 BPSK	1	137		17.88			
100	PI/2 BPSK	1	271		17.93			
100	PI/2 BPSK	135	0		17.87		18.8	0.0
100	PI/2 BPSK	135	69		17.89		18.8	0.0
100	PI/2 BPSK	135	138		17.81		18.8	0.0
100	PI/2 BPSK	270	0		17.79			
100	QPSK	1	1		17.87		18.8	0.0
100	QPSK	1	137		17.86			
100	QPSK	1	271		17.94			
100	QPSK	135	0		17.78		18.8	0.0
100	QPSK	135	69		17.77			
100	QPSK	135	138		17.86			
100	QPSK	270	0		17.83		18.8	0.0
100	16QAM	1	1		17.97		18.8	0.0
100	64QAM	1	1		17.95		18.8	0.0
100	256QAM	1	1		17.72		18.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.96	17.94	17.91	18.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.91	17.92	17.88	18.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.91	17.95	17.86	18.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.89	17.95	17.92	18.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.94	17.97	17.93	18.8	0.0

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.62	17.79	17.47	18.8	0.0
100	PI/2 BPSK	1	137	17.51	17.36	17.42		
100	PI/2 BPSK	1	271	17.38	17.57	17.32		
100	PI/2 BPSK	135	0	17.36	17.27	17.46	18.8	0.0
100	PI/2 BPSK	135	69	17.49	17.65	17.58	18.8	0.0
100	PI/2 BPSK	135	138	17.38	17.30	17.45	18.8	0.0
100	PI/2 BPSK	270	0	17.49	17.61	17.53		
100	QPSK	1	1	17.17	17.26	17.16	18.8	0.0
100	QPSK	1	137	17.17	17.31	17.16		
100	QPSK	1	271	17.35	17.49	17.39		
100	QPSK	135	0	17.13	17.28	17.14	18.8	0.0
100	QPSK	135	69	17.17	17.25	17.10		
100	QPSK	135	138	17.14	17.26	17.11		
100	QPSK	270	0	17.13	17.26	17.11	18.8	0.0
100	16QAM	1	1	17.38	17.43	17.37	18.8	0.0
100	64QAM	1	1	17.32	17.45	17.30	18.8	0.0
100	256QAM	1	1	17.11	17.26	17.18	18.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	17.46	17.70	17.33	18.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	17.53	17.66	17.42	18.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	17.55	17.72	17.34	18.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	17.50	17.73	17.33	18.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	17.47	17.63	17.39	18.8	0.0

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.59		19.3	0.0
100	PI/2 BPSK	1	137		18.43			
100	PI/2 BPSK	1	271		18.34			
100	PI/2 BPSK	135	0		18.42		19.3	0.0
100	PI/2 BPSK	135	69		18.49		19.3	0.0
100	PI/2 BPSK	135	138		18.32		19.3	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.57		19.3	0.0
100	QPSK	1	137		18.32			
100	QPSK	1	271		18.46			
100	QPSK	135	0		18.36		19.3	0.0
100	QPSK	135	69		18.34			
100	QPSK	135	138		18.33			
100	QPSK	270	0		18.33		19.3	0.0
100	16QAM	1	1		18.30		19.3	0.0
100	64QAM	1	1		18.21		19.3	0.0
100	256QAM	1	1		18.47		19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.50	18.54	18.47	19.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.54	18.43	18.52	19.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.46	18.45	18.51	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.49	18.53	18.52	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.54	18.49	18.54	19.3	0.0

Par27O n77_Ant 24

BW [MHz]	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	18.28	18.30	17.77	19.3	0.0
100	PI/2 BPSK	1	137	18.24	17.78	17.51		
100	PI/2 BPSK	1	271	18.23	17.54	17.68		
100	PI/2 BPSK	135	0	17.94	17.99	17.54	19.3	0.0
100	PI/2 BPSK	135	69	18.01	18.08	17.66	19.3	0.0
100	PI/2 BPSK	135	138	17.95	17.57	17.61	19.3	0.0
100	PI/2 BPSK	270	0	17.89	17.91	17.58		
100	QPSK	1	1	17.96	18.10	18.01	19.3	0.0
100	QPSK	1	137	17.69	17.80	17.68		
100	QPSK	1	271	17.44	17.54	17.43		
100	QPSK	135	0	17.84	17.94	17.81	19.3	0.0
100	QPSK	135	69	17.60	17.71	17.61		
100	QPSK	135	138	17.53	17.58	17.52		
100	QPSK	270	0	17.62	17.78	17.65	19.3	0.0
100	16QAM	1	1	18.11	18.27	18.16	19.3	0.0
100	64QAM	1	1	18.12	18.20	18.15	19.3	0.0
100	256QAM	1	1	17.88	18.04	17.95	19.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	18.19	18.15	17.62	19.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	18.21	18.25	17.69	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	18.19	18.23	17.71	19.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	18.23	18.23	17.64	19.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	18.15	18.22	17.62	19.3	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.83		18.5	0.0
100	PI/2 BPSK	1	137		17.79			
100	PI/2 BPSK	1	271		17.79			
100	PI/2 BPSK	135	0		17.73		18.5	0.0
100	PI/2 BPSK	135	69		17.78		18.5	0.0
100	PI/2 BPSK	135	138		17.65		18.5	0.0
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.64		18.5	0.0
100	QPSK	1	137		17.74			
100	QPSK	1	271		17.81			
100	QPSK	135	0		17.62		18.5	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.73			
100	QPSK	270	0		17.69		18.5	0.0
100	16QAM	1	1		17.73		18.5	0.0
100	64QAM	1	1		17.73		18.5	0.0
100	256QAM	1	1		17.59		18.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.74	17.67	17.68	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.73	17.76	17.77	18.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.75	17.76	17.68	18.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.78	17.75	17.74	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.75	17.67	17.68	18.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.70	17.78	17.77	18.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.74	17.69	17.71	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.67	17.72	17.78	18.5	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.52		18.5	0.0
100	PI/2 BPSK	1	137		17.21			
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		17.26		18.5	0.0
100	PI/2 BPSK	135	69		17.27		18.5	0.0
100	PI/2 BPSK	135	138		17.10		18.5	0.0
100	PI/2 BPSK	270	0		17.14			
100	QPSK	1	1		17.47		18.5	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.21			
100	QPSK	135	0		17.23		18.5	0.0
100	QPSK	135	69		17.14			
100	QPSK	135	138		17.08			
100	QPSK	270	0		17.16		18.5	0.0
100	16QAM	1	1		17.31		18.5	0.0
100	64QAM	1	1		17.25		18.5	0.0
100	256QAM	1	1		17.35		18.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.41	17.43	17.36	18.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.39	17.47	17.46	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.40	17.42	17.36	18.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.44	17.41	17.37	18.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.42	17.41	17.44	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.36	17.37	17.42	18.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.36	17.39	17.39	18.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.46	17.37	17.43	18.5	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.38		19.3	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.27			
100	PI/2 BPSK	135	0		18.30		19.3	0.0
100	PI/2 BPSK	135	69		18.36		19.3	0.0
100	PI/2 BPSK	135	138		18.20		19.3	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.34		19.3	0.0
100	QPSK	1	137		18.30			
100	QPSK	1	271		18.35			
100	QPSK	135	0		18.33		19.3	0.0
100	QPSK	135	69		18.23			
100	QPSK	135	138		18.22			
100	QPSK	270	0		18.25		19.3	0.0
100	16QAM	1	1		18.23		19.3	0.0
100	64QAM	1	1		18.21		19.3	0.0
100	256QAM	1	1		18.34		19.3	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.23	18.22	18.33	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.27	18.22	18.28	19.3	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.23	18.30	18.30	19.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.32	18.24	18.33	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.30	18.22	18.26	19.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.22	18.22	18.29	19.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.26	18.28	18.26	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.32	18.29	18.31	19.3	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.31		19.3	0.0
100	PI/2 BPSK	1	137		18.26			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.15		19.3	0.0
100	PI/2 BPSK	135	69		18.24		19.3	0.0
100	PI/2 BPSK	135	138		18.17		19.3	0.0
100	PI/2 BPSK	270	0		18.19			
100	QPSK	1	1		18.24		19.3	0.0
100	QPSK	1	137		18.28			
100	QPSK	1	271		18.16			
100	QPSK	135	0		18.23		19.3	0.0
100	QPSK	135	69		18.22			
100	QPSK	135	138		18.18			
100	QPSK	270	0		18.16		19.3	0.0
100	16QAM	1	1		18.29		19.3	0.0
100	64QAM	1	1		18.25		19.3	0.0
100	256QAM	1	1		18.21		19.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.23	18.15	18.17	19.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.19	18.17	18.26	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.24	18.24	18.18	19.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.16	18.16	18.16	19.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.15	18.21	18.16	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.16	18.24	18.19	19.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	18.19	18.19	18.24	19.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.19	18.18	18.20	19.3	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.39		21.5	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.35			
100	PI/2 BPSK	135	0		20.29		21.5	0.0
100	PI/2 BPSK	135	69		20.30		21.5	0.0
100	PI/2 BPSK	135	138		20.23		21.5	0.0
100	PI/2 BPSK	270	0		20.29			
100	QPSK	1	1		20.24		21.5	0.0
100	QPSK	1	137		20.20			
100	QPSK	1	271		20.21			
100	QPSK	135	0		20.34		21.5	0.0
100	QPSK	135	69		20.29			
100	QPSK	135	138		20.31			
100	QPSK	270	0		20.32		21.5	0.0
100	16QAM	1	1		20.28		21.5	0.0
100	64QAM	1	1		20.22		21.5	0.0
100	256QAM	1	1		20.29		21.5	1.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	20.24	20.28	20.32	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	20.25	20.31	20.24	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	20.25	20.33	20.25	21.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	20.25	20.33	20.27	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.27	20.24	20.26	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	20.23	20.31	20.27	21.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	20.26	20.24	20.23	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	20.24	20.28	20.25	21.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.78			
100	PI/2 BPSK	1	137		20.68		21.5	0.0
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.35		21.5	0.0
100	PI/2 BPSK	135	69		20.68		21.5	0.0
100	PI/2 BPSK	135	138		20.61		21.5	0.0
100	PI/2 BPSK	270	0		20.51			
100	QPSK	1	1		20.52			
100	QPSK	1	137		20.73		21.5	0.0
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.53			
100	QPSK	135	69		20.58		21.5	0.0
100	QPSK	135	138		20.61			
100	QPSK	270	0		20.48		21.5	0.0
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		20.70		21.5	0.0
100	256QAM	1	1		19.56		20.5	1.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	20.68	20.62	20.65	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.64	20.70	20.68	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.69	20.67	20.68	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	20.72	20.67	20.66	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.63	20.63	20.70	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.72	20.72	20.66	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	20.69	20.65	20.70	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.68	20.63	20.70	21.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.36			
100	PI/2 BPSK	1	137		20.32		21.5	0.0
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.20		21.5	0.0
100	PI/2 BPSK	135	69		20.27		21.5	0.0
100	PI/2 BPSK	135	138		20.14		21.5	0.0
100	PI/2 BPSK	270	0		20.18			
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.30		21.5	0.0
100	QPSK	1	271		20.22			
100	QPSK	135	0		20.08			
100	QPSK	135	69		20.13		21.5	0.0
100	QPSK	135	138		20.14			
100	QPSK	270	0		20.10		21.5	0.0
100	16QAM	1	1		20.22		21.5	0.0
100	64QAM	1	1		20.17		21.5	0.0
100	256QAM	1	1		19.25		20.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	20.23	20.21	20.31	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	20.22	20.30	20.27	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	20.29	20.23	20.20	21.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	20.26	20.28	20.28	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.23	20.26	20.31	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	20.21	20.25	20.21	21.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	20.28	20.22	20.20	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	20.27	20.29	20.23	21.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.78			
100	PI/2 BPSK	1	137		19.62		21.5	0.0
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		19.62		21.5	0.0
100	PI/2 BPSK	135	69		19.63		21.5	0.0
100	PI/2 BPSK	135	138		19.52		21.5	0.0
100	PI/2 BPSK	270	0		19.58			
100	QPSK	1	1		19.68			
100	QPSK	1	137		19.52		21.5	0.0
100	QPSK	1	271		19.50			
100	QPSK	135	0		19.51			
100	QPSK	135	69		19.50		21.5	0.0
100	QPSK	135	138		19.50			
100	QPSK	270	0		19.75		21.5	0.0
100	16QAM	1	1		19.53		21.5	0.0
100	64QAM	1	1		19.77		21.5	0.0
100	256QAM	1	1		18.98		20.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.62	19.61	19.61	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.52	19.63	19.54	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.63	19.56	19.61	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.60	19.63	19.54	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.54	19.62	19.61	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.61	19.62	19.58	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.63	19.60	19.60	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.54	19.55	19.60	21.5	0.0

Reduced Power for DSI 8

n2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	12.62	12.75	12.61	13.8	0.0
20	PI/2 BPSK	1	53	12.61	12.64	12.54		
20	PI/2 BPSK	1	104	12.60	12.66	12.52		
20	PI/2 BPSK	50	0	12.58	12.62	12.55	13.8	0.0
20	PI/2 BPSK	50	28	12.66	12.68	12.62	13.8	0.0
20	PI/2 BPSK	50	56	12.52	12.54	12.53	13.8	0.0
20	PI/2 BPSK	100	0	12.58	12.62	12.57		
20	QPSK	1	1	12.55	12.66	12.37	13.8	0.0
20	QPSK	1	53	12.60	12.68	12.44		
20	QPSK	1	104	12.52	12.68	12.41		
20	QPSK	50	0	12.54	12.63	12.37	13.8	0.0
20	QPSK	50	28	12.54	12.61	12.41	13.8	0.0
20	QPSK	50	56	12.44	12.57	12.35	13.8	0.0
20	QPSK	100	0	12.51	12.58	12.36		
20	16QAM	1	1	12.49	12.61	12.37	13.8	0.0
20	64QAM	1	1	12.63	12.71	12.58	13.8	0.0
20	256QAM	1	1	12.54	12.70	12.56	13.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	12.53	12.61	12.46	13.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	12.53	12.60	12.56	13.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	12.57	12.61	12.45	13.8	0.0

n2_Ant 31

BW [MHz]	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	16.68	16.81	16.53	17.5	0.0
20	PI/2 BPSK	1	53	16.66	16.67	16.46		
20	PI/2 BPSK	1	104	16.57	16.65	16.42		
20	PI/2 BPSK	50	0	16.14	16.16	15.96	17.5	0.0
20	PI/2 BPSK	50	28	16.60	16.63	16.49	17.5	0.0
20	PI/2 BPSK	50	56	16.00	16.03	15.93	17.5	0.0
20	PI/2 BPSK	100	0	16.02	16.05	15.95		
20	QPSK	1	1	16.66	16.70	16.65	17.5	0.0
20	QPSK	1	53	16.64	16.65	16.55		
20	QPSK	1	104	16.58	16.61	16.56		
20	QPSK	50	0	16.79	16.73	16.78	17.5	0.0
20	QPSK	50	28	16.67	16.76	16.71	17.5	0.0
20	QPSK	50	56	16.55	16.73	16.61	17.5	0.0
20	QPSK	100	0	16.67	16.68	16.63		
20	16QAM	1	1	16.72	16.74	16.73	17.5	0.0
20	64QAM	1	1	16.74	16.78	16.76	17.5	0.0
20	256QAM	1	1	16.77	16.73	16.67	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI/2 BPSK	1	1	16.52	16.66	16.43	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	16.53	16.67	16.43	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	16.58	16.76	16.43	17.5	0.0

n5_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.29	20.35	20.19	21.0	0.0
20	PI/2 BPSK	1	53	20.18	20.26	20.07		
20	PI/2 BPSK	1	104	20.04	20.10	20.08		
20	PI/2 BPSK	50	0	19.80	19.84	19.73	21.0	0.0
20	PI/2 BPSK	50	28	20.26	20.32	20.18	21.0	0.0
20	PI/2 BPSK	50	56	19.63	19.12	19.66	21.0	0.0
20	PI/2 BPSK	100	0	19.70	19.78	19.66		
20	QPSK	1	1	20.24	20.23	19.98	21.0	0.0
20	QPSK	1	53	20.25	20.28	20.18		
20	QPSK	1	104	20.05	20.15	20.14		
20	QPSK	50	0	19.22	19.16	19.31	21.0	0.0
20	QPSK	50	28	20.21	20.19	20.16	21.0	0.0
20	QPSK	50	56	19.19	19.20	19.19	21.0	0.0
20	QPSK	100	0	19.28	19.15	19.23		
20	16QAM	1	1	19.46	19.32	19.53	21.0	0.0
20	64QAM	1	1	20.22	20.18	20.20	21.0	0.0
20	256QAM	1	1	18.99	18.88	19.00	20.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.25	20.33	20.16	21.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.24	20.23	20.23	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.18	20.29	20.25	21.0	0.0

n5_Ant 41

BW [MHz]	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	22.65	22.71	22.59	23.5	0.0
20	PI/2 BPSK	1	53	22.50	22.57	22.50		
20	PI/2 BPSK	1	104	22.37	22.39	22.45		
20	PI/2 BPSK	50	0	22.11	22.12	22.13	23.5	0.0
20	PI/2 BPSK	50	28	22.50	22.59	22.45	23.5	0.0
20	PI/2 BPSK	50	56	22.02	22.05	22.03	23.5	0.0
20	PI/2 BPSK	100	0	22.14	22.19	22.08		
20	QPSK	1	1	22.50	22.65	22.42	23.5	0.0
20	QPSK	1	53	22.50	22.62	22.50		
20	QPSK	1	104	22.51	22.52	22.46		
20	QPSK	50	0	22.62	22.56	22.61	23.5	0.0
20	QPSK	50	28	22.56	22.58	22.58	23.5	0.0
20	QPSK	50	56	22.58	22.48	22.59	23.5	0.0
20	QPSK	100	0	22.65	22.55	22.55		
20	16QAM	1	1	21.81	21.71	21.82	23.5	0.0
20	64QAM	1	1	21.27	21.29	21.39	22.0	1.5
20	256QAM	1	1	19.18	19.17	19.16	20.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	22.54	22.66	22.51	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	22.57	22.64	22.51	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.54	22.65	22.44	23.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.74	16.83	16.74	17.7	0.0
20	PI/2 BPSK	1	53	16.41	16.56	16.42		
20	PI/2 BPSK	1	104	16.52	16.57	16.47		
20	PI/2 BPSK	50	0	16.43	16.58	16.50	17.7	0.0
20	PI/2 BPSK	50	28	16.54	16.69	16.56	17.7	0.0
20	PI/2 BPSK	50	56	16.51	16.62	16.47	17.7	0.0
20	PI/2 BPSK	100	0	16.59	16.64	16.57		
20	QPSK	1	1	16.54	16.66	16.52	17.7	0.0
20	QPSK	1	53	16.49	16.64	16.59		
20	QPSK	1	104	16.45	16.61	16.49		
20	QPSK	50	0	16.51	16.64	16.52	17.7	0.0
20	QPSK	50	28	16.59	16.66	16.59	17.7	0.0
20	QPSK	50	56	16.49	16.57	16.42	17.7	0.0
20	QPSK	100	0	16.54	16.62	16.54		
20	16QAM	1	1	16.59	16.66	16.53	17.7	0.0
20	64QAM	1	1	16.52	16.65	16.56	17.7	0.0
20	256QAM	1	1	16.63	16.70	16.62	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	16.59	16.67	16.64	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	16.58	16.74	16.59	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	16.61	16.72	16.59	17.7	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.48	19.76	19.35	20.8	0.0
20	PI/2 BPSK	1	53	19.43	19.47	19.25		
20	PI/2 BPSK	1	104	19.38	19.36	19.29		
20	PI/2 BPSK	50	0	19.34	19.46	19.22	20.8	0.0
20	PI/2 BPSK	50	28	19.42	19.49	19.26	20.8	0.0
20	PI/2 BPSK	50	56	19.36	19.42	19.17	20.8	0.0
20	PI/2 BPSK	100	0	19.37	19.46	19.23		
20	QPSK	1	1	19.18	19.55	19.27	20.8	0.0
20	QPSK	1	53	18.86	19.47	19.32		
20	QPSK	1	104	18.82	19.42	19.26		
20	QPSK	50	0	18.77	18.96	18.73	20.8	0.0
20	QPSK	50	28	18.88	19.38	19.24	20.8	0.0
20	QPSK	50	56	18.85	18.91	18.74	20.8	0.0
20	QPSK	100	0	18.68	18.92	18.68		
20	16QAM	1	1	18.82	19.20	19.00	20.8	0.0
20	64QAM	1	1	19.02	19.54	19.24	20.8	0.0
20	256QAM	1	1	18.12	18.73	18.46	19.8	1.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	19.34	19.67	19.23	20.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	19.34	19.67	19.28	20.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	19.38	19.62	19.26	20.8	0.0

n7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.57	18.66	18.52	19.7	0.0
20	PI/2 BPSK	1	53	18.54	18.63	18.48		
20	PI/2 BPSK	1	104	18.56	18.63	18.51		
20	PI/2 BPSK	50	0	18.42	18.56	18.43	19.7	0.0
20	PI/2 BPSK	50	28	18.54	18.59	18.46	19.7	0.0
20	PI/2 BPSK	50	56	18.50	18.57	18.42	19.7	0.0
20	PI/2 BPSK	100	0	18.52	18.65	18.49		
20	QPSK	1	1	18.48	18.57	18.48	19.7	0.0
20	QPSK	1	53	18.59	18.64	18.50		
20	QPSK	1	104	18.40	18.55	18.40		
20	QPSK	50	0	18.51	18.59	18.50	19.7	0.0
20	QPSK	50	28	18.54	18.61	18.45	19.7	0.0
20	QPSK	50	56	18.49	18.62	18.51	19.7	0.0
20	QPSK	100	0	18.42	18.58	18.43		
20	16QAM	1	1	18.46	18.59	18.45	19.7	0.0
20	64QAM	1	1	18.39	18.54	18.47	19.7	0.0
20	256QAM	1	1	17.83	17.98	17.89	19.2	0.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	18.42	18.51	18.41	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	18.41	18.60	18.38	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	18.47	18.55	18.42	19.7	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	14.13	14.19	14.10	14.8	0.0
30	PI/2 BPSK	1	80	13.83	13.89	13.76		
30	PI/2 BPSK	1	158	13.58	13.72	13.58		
30	PI/2 BPSK	80	0	13.71	13.87	13.80	14.8	0.0
30	PI/2 BPSK	80	40	13.85	13.96	13.89	14.8	0.0
30	PI/2 BPSK	80	80	13.84	13.91	13.84	14.8	0.0
30	PI/2 BPSK	160	0	13.76	13.90	13.83		
30	QPSK	1	1	13.85	13.92	13.77	14.8	0.0
30	QPSK	1	80	13.82	13.90	13.84		
30	QPSK	1	158	13.67	13.79	13.68		
30	QPSK	80	0	13.81	13.92	13.82	14.8	0.0
30	QPSK	80	40	13.64	13.79	13.70	14.8	0.0
30	QPSK	80	80	13.79	13.84	13.72	14.8	0.0
30	QPSK	160	0	13.68	13.84	13.77		
30	16QAM	1	1	14.04	14.18	14.09	14.8	0.0
30	64QAM	1	1	14.06	14.11	13.96	14.8	0.0
30	256QAM	1	1	13.86	13.93	13.81	14.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	14.07	14.09	14.02	14.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	14.08	14.05	14.05	14.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	14.04	14.09	13.99	14.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	13.98	14.03	13.94	14.8	0.0

n66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	17.37	17.58	17.41	18.5	0.0
30	PI/2 BPSK	1	80	17.31	17.35	17.33		
30	PI/2 BPSK	1	158	17.25	17.31	17.30		
30	PI/2 BPSK	80	0	17.25	17.32	17.30	18.5	0.0
30	PI/2 BPSK	80	40	17.30	17.35	17.32	18.5	0.0
30	PI/2 BPSK	80	80	17.25	17.31	17.28	18.5	0.0
30	PI/2 BPSK	160	0	17.39	17.42	17.40		
30	QPSK	1	1	17.11	17.28	17.16	18.5	0.0
30	QPSK	1	80	16.99	17.27	17.13		
30	QPSK	1	158	17.17	17.31	17.23		
30	QPSK	80	0	16.52	16.64	16.54	18.5	0.0
30	QPSK	80	40	17.09	17.27	17.15	18.5	0.0
30	QPSK	80	80	16.53	16.76	16.61	18.5	0.0
30	QPSK	160	0	16.52	16.75	16.70		
30	16QAM	1	1	16.63	16.84	16.75	18.5	0.0
30	64QAM	1	1	17.33	17.49	17.47	18.5	0.0
30	256QAM	1	1	17.35	17.53	17.42	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.21	17.47	17.26	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	17.28	17.53	17.35	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	17.29	17.52	17.36	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	17.30	17.48	17.35	18.5	0.0

n66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	18.03	18.12	17.86	18.8	0.0
30	PI/2 BPSK	1	80	17.96	17.96	17.78		
30	PI/2 BPSK	1	158	17.89	17.83	17.79		
30	PI/2 BPSK	80	0	17.87	17.94	17.86	18.8	0.0
30	PI/2 BPSK	80	40	18.03	18.04	17.92	18.8	0.0
30	PI/2 BPSK	80	80	18.02	17.89	17.85	18.8	0.0
30	PI/2 BPSK	160	0	18.04	18.05	17.87		
30	QPSK	1	1	17.90	18.02	17.97	18.8	0.0
30	QPSK	1	80	17.83	17.94	17.87		
30	QPSK	1	158	17.79	17.85	17.74		
30	QPSK	80	0	17.85	17.96	17.84	18.8	0.0
30	QPSK	80	40	17.77	17.93	17.80	18.8	0.0
30	QPSK	80	80	17.86	17.91	17.81	18.8	0.0
30	QPSK	160	0	17.76	17.91	17.79		
30	16QAM	1	1	17.95	18.09	17.99	18.8	0.0
30	64QAM	1	1	17.99	18.05	17.99	18.8	0.0
30	256QAM	1	1	17.99	18.06	17.99	18.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.94	18.07	17.77	18.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	17.92	18.02	17.78	18.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	17.92	17.99	17.75	18.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	17.89	18.05	17.71	18.8	0.0

n38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.53	18.60	18.52	19.2	0.0
40	PI/2 BPSK	1	53	18.24	18.34	18.25		
40	PI/2 BPSK	1	104	18.15	18.29	18.16		
40	PI/2 BPSK	50	0	18.31	18.41	18.33	19.2	0.0
40	PI/2 BPSK	50	28	18.43	18.49	18.42	19.2	0.0
40	PI/2 BPSK	50	56	18.15	18.26	18.15	19.2	0.0
40	PI/2 BPSK	100	0	18.23	18.37	18.21		
40	QPSK	1	1	18.44	18.57	18.41	19.2	0.0
40	QPSK	1	53	18.26	18.37	18.28		
40	QPSK	1	104	18.24	18.36	18.24		
40	QPSK	50	0	18.37	18.43	18.37	19.2	0.0
40	QPSK	50	28	18.16	18.32	18.26		
40	QPSK	50	56	18.27	18.32	18.24		
40	QPSK	100	0	18.24	18.39	18.29	19.2	0.0
40	16QAM	1	1	18.42	18.51	18.38	19.2	0.0
40	64QAM	1	1	17.89	18.02	17.87	19.2	0.0
40	256QAM	1	1	18.14	18.26	18.17	19.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	18.42	18.44	18.47	19.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	18.40	18.55	18.38	19.2	0.0

n38_Ant 31

BW [MHz]	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	19.46	19.79	19.50	20.5	0.0
40	PI/2 BPSK	1	53	19.39	19.55	19.45		
40	PI/2 BPSK	1	104	19.40	19.52	19.41		
40	PI/2 BPSK	50	0	19.30	19.40	19.32	20.5	0.0
40	PI/2 BPSK	50	28	19.37	19.48	19.38	20.5	0.0
40	PI/2 BPSK	50	56	19.28	19.35	19.31	20.5	0.0
40	PI/2 BPSK	100	0	19.35	19.46	19.37		
40	QPSK	1	1	19.48	19.52	19.50	20.5	0.0
40	QPSK	1	53	19.46	19.51	19.48		
40	QPSK	1	104	19.43	19.45	19.44		
40	QPSK	50	0	18.91	18.95	18.96	20.5	0.0
40	QPSK	50	28	19.39	19.42	19.37		
40	QPSK	50	56	18.87	18.99	18.95		
40	QPSK	100	0	19.33	19.34	19.33	20.5	0.0
40	16QAM	1	1	19.69	19.78	19.72	20.5	0.0
40	64QAM	1	1	19.59	19.60	19.54	20.5	0.0
40	256QAM	1	1	19.76	19.63	19.62	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	19.32	19.73	19.40	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	19.31	19.73	19.38	20.5	0.0

n38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.66	17.88	17.73	19.0	0.0
40	PI/2 BPSK	1	53	17.48	17.66	17.56		
40	PI/2 BPSK	1	104	17.64	17.65	17.69		
40	PI/2 BPSK	50	0	17.49	17.58	17.61	19.0	0.0
40	PI/2 BPSK	50	28	17.59	17.77	17.66	19.0	0.0
40	PI/2 BPSK	50	56	17.54	17.61	17.57	19.0	0.0
40	PI/2 BPSK	100	0	17.66	17.70	17.61		
40	QPSK	1	1	17.62	17.73	17.62	19.0	0.0
40	QPSK	1	53	17.66	17.77	17.62		
40	QPSK	1	104	17.60	17.74	17.61		
40	QPSK	50	0	17.47	17.58	17.53	19.0	0.0
40	QPSK	50	28	17.52	17.59	17.43		
40	QPSK	50	56	17.52	17.67	17.57		
40	QPSK	100	0	17.47	17.62	17.51	19.0	0.0
40	16QAM	1	1	17.47	17.55	17.49	19.0	0.0
40	64QAM	1	1	17.79	17.84	17.74	19.0	0.0
40	256QAM	1	1	17.64	17.74	17.61	19.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	PI/2 BPSK	1	1	17.57	17.80	17.66	19.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	PI/2 BPSK	1	1	17.57	17.72	17.60	19.0	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.09	18.17	18.02	19.0	0.0
100	PI/2 BPSK	1	137	17.56	17.62	17.48		
100	PI/2 BPSK	1	271	17.51	17.58	17.48		
100	PI/2 BPSK	135	0	17.58	17.69	17.54	19.0	0.0
100	PI/2 BPSK	135	69	17.65	17.78	17.65	19.0	0.0
100	PI/2 BPSK	135	138	17.46	17.59	17.54	19.0	0.0
100	PI/2 BPSK	270	0	17.68	17.77	17.63		
100	QPSK	1	1	17.70	17.82	17.67	19.0	0.0
100	QPSK	1	137	17.65	17.73	17.58		
100	QPSK	1	271	17.55	17.63	17.50		
100	QPSK	135	0	17.69	17.81	17.67	19.0	0.0
100	QPSK	135	69	17.56	17.61	17.50		
100	QPSK	135	138	17.50	17.63	17.56		
100	QPSK	270	0	17.51	17.65	17.50	19.0	0.0
100	16QAM	1	1	17.99	18.07	17.97	19.0	0.0
100	64QAM	1	1	18.01	18.15	18.01	19.0	0.0
100	256QAM	1	1	17.83	17.91	17.83	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	18.00	18.06	17.90	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	18.04	18.09	17.96	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	17.93	18.12	17.97	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	18.01	18.11	17.89	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	17.96	18.06	17.94	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	18.04	18.08	17.95	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	17.98	18.07	17.89	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	17.97	18.08	17.95	19.0	0.0

n41_Ant 31

BW [MHz]	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	19.11	19.55	19.15	20.3	0.0
100	PI/2 BPSK	1	137	19.00	19.19	19.05		
100	PI/2 BPSK	1	271	19.06	19.15	19.13		
100	PI/2 BPSK	135	0	19.01	19.08	19.02	20.3	0.0
100	PI/2 BPSK	135	69	19.05	19.12	19.08	20.3	0.0
100	PI/2 BPSK	135	138	19.01	19.06	19.02	20.3	0.0
100	PI/2 BPSK	270	0	19.04	19.07	19.05		
100	QPSK	1	1	19.04	19.23	19.08	20.3	0.0
100	QPSK	1	137	18.94	19.22	19.11		
100	QPSK	1	271	19.00	19.21	19.12		
100	QPSK	135	0	19.29	19.47	19.33	20.3	0.0
100	QPSK	135	69	19.40	19.53	19.45		
100	QPSK	135	138	19.27	19.45	19.38		
100	QPSK	270	0	19.17	19.41	19.33	20.3	0.0
100	16QAM	1	1	19.28	19.46	19.41	20.3	0.0
100	64QAM	1	1	19.00	19.24	19.16	20.3	0.0
100	256QAM	1	1	18.92	19.18	19.08	20.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	18.96	19.42	19.07	20.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	18.96	19.39	19.03	20.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	19.01	19.50	19.07	20.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	19.06	19.49	19.02	20.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	19.03	19.46	19.10	20.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	19.02	19.49	19.06	20.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	19.02	19.44	19.10	20.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	18.95	19.41	19.03	20.3	0.0

n41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.63	17.78	17.71	19.0	0.0
100	PI/2 BPSK	1	137	17.58	17.75	17.70		
100	PI/2 BPSK	1	271	17.61	17.73	17.65		
100	PI/2 BPSK	135	0	17.66	17.71	17.68	19.0	0.0
100	PI/2 BPSK	135	69	17.67	17.75	17.70	19.0	0.0
100	PI/2 BPSK	135	138	17.61	17.65	17.63	19.0	0.0
100	PI/2 BPSK	270	0	17.61	17.69	17.65		
100	QPSK	1	1	17.52	17.57	17.53	19.0	0.0
100	QPSK	1	137	17.65	17.52	17.45		
100	QPSK	1	271	17.72	17.62	17.76		
100	QPSK	135	0	17.05	17.03	17.12	19.0	0.0
100	QPSK	135	69	17.49	17.47	17.66		
100	QPSK	135	138	17.06	17.03	17.20		
100	QPSK	270	0	17.00	17.03	17.18	19.0	0.0
100	16QAM	1	1	17.18	17.28	17.33	19.0	0.0
100	64QAM	1	1	17.46	17.18	17.33	19.0	0.0
100	256QAM	1	1	17.66	17.46	17.56	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	1	17.51	17.65	17.56	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	1	17.51	17.64	17.64	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	1	17.57	17.62	17.66	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	1	17.51	17.62	17.56	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	17.49	17.72	17.60	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	1	17.58	17.70	17.57	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	1	17.55	17.64	17.66	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	1	17.47	17.70	17.56	19.0	0.0

Par27Q n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.98		17.8	0.0
100	PI/2 BPSK	1	137		16.90			
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		16.76		17.8	0.0
100	PI/2 BPSK	135	69		16.85		17.8	0.0
100	PI/2 BPSK	135	138		16.83		17.8	0.0
100	PI/2 BPSK	270	0		16.84			
100	QPSK	1	1		16.84		17.8	0.0
100	QPSK	1	137		16.86			
100	QPSK	1	271		16.88			
100	QPSK	135	0		16.81		17.8	0.0
100	QPSK	135	69		16.87			
100	QPSK	135	138		16.85			
100	QPSK	270	0		16.88		17.8	0.0
100	16QAM	1	1		16.92		17.8	0.0
100	64QAM	1	1		16.96		17.8	0.0
100	256QAM	1	1		16.74		17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	17.8	0.0
80	PI/2 BPSK	1	1	16.82	16.86	16.85		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	17.8	0.0
60	PI/2 BPSK	1	1	16.82	16.83	16.90		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	17.8	0.0
40	PI/2 BPSK	1	1	16.88	16.93	16.86		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	17.8	0.0
30	PI/2 BPSK	1	1	16.84	16.91	16.92		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	17.8	0.0
20	PI/2 BPSK	1	1	16.88	16.85	16.87		

Par27O n77_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.49	16.59	16.51	17.8	0.0
100	PI/2 BPSK	1	137	16.47	16.27	16.43		
100	PI/2 BPSK	1	271	16.35	16.58	16.49		
100	PI/2 BPSK	135	0	16.44	16.23	16.39	17.8	0.0
100	PI/2 BPSK	135	69	16.47	16.48	16.44	17.8	0.0
100	PI/2 BPSK	135	138	16.29	16.29	16.45	17.8	0.0
100	PI/2 BPSK	270	0	16.49	16.51	16.45		
100	QPSK	1	1	16.10	16.26	16.11	17.8	0.0
100	QPSK	1	137	16.23	16.29	16.19		
100	QPSK	1	271	16.30	16.45	16.29		
100	QPSK	135	0	16.09	16.19	16.06	17.8	0.0
100	QPSK	135	69	16.17	16.23	16.10		
100	QPSK	135	138	16.34	16.41	16.28		
100	QPSK	270	0	16.17	16.24	16.17	17.8	0.0
100	16QAM	1	1	16.28	16.42	16.30	17.8	0.0
100	64QAM	1	1	16.30	16.38	16.30	17.8	0.0
100	256QAM	1	1	15.98	16.14	15.99	17.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	17.8	0.0
80	PI/2 BPSK	1	1	16.38	16.46	16.46		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	17.8	0.0
60	PI/2 BPSK	1	1	16.36	16.44	16.42		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	17.8	0.0
40	PI/2 BPSK	1	1	16.38	16.47	16.35		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98	17.8	0.0
30	PI/2 BPSK	1	1	16.40	16.49	16.43		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	17.8	0.0
20	PI/2 BPSK	1	1	16.44	16.52	16.36		

Par27Q n77_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.67		18.3	0.0
100	PI/2 BPSK	1	137		17.34			
100	PI/2 BPSK	1	271		17.37			
100	PI/2 BPSK	135	0		17.42		18.3	0.0
100	PI/2 BPSK	135	69		17.48		18.3	0.0
100	PI/2 BPSK	135	138		17.36		18.3	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.58		18.3	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.41		18.3	0.0
100	QPSK	135	69		17.30			
100	QPSK	135	138		17.30			
100	QPSK	270	0		17.28		18.3	0.0
100	16QAM	1	1		17.45		18.3	0.0
100	64QAM	1	1		17.52		18.3	0.0
100	256QAM	1	1		17.54		18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	18.3	0.0
80	PI/2 BPSK	1	1	17.59	17.55	17.55		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	18.3	0.0
60	PI/2 BPSK	1	1	17.59	17.59	17.55		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	18.3	0.0
40	PI/2 BPSK	1	1	17.61	17.61	17.62		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	18.3	0.0
30	PI/2 BPSK	1	1	17.54	17.62	17.59		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	18.3	0.0
20	PI/2 BPSK	1	1	17.51	17.51	17.57		

Par27O n77_Ant 24

BW [MHz]	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	17.26	17.34	16.69	18.3	0.0
100	PI/2 BPSK	1	137	17.25	16.84	16.48		
100	PI/2 BPSK	1	271	17.22	16.53	16.68		
100	PI/2 BPSK	135	0	17.04	17.06	16.43	18.3	0.0
100	PI/2 BPSK	135	69	17.06	17.09	16.53	18.3	0.0
100	PI/2 BPSK	135	138	16.98	16.91	16.52	18.3	0.0
100	PI/2 BPSK	270	0	17.04	17.11	16.54		
100	QPSK	1	1	16.95	17.08	16.94	18.3	0.0
100	QPSK	1	137	16.62	16.75	16.59		
100	QPSK	1	271	16.41	16.47	16.36		
100	QPSK	135	0	16.91	16.96	16.89	18.3	0.0
100	QPSK	135	69	16.67	16.79	16.73		
100	QPSK	135	138	16.41	16.52	16.42		
100	QPSK	270	0	16.66	16.76	16.66	18.3	0.0
100	16QAM	1	1	17.25	17.32	17.25	18.3	0.0
100	64QAM	1	1	17.20	17.27	17.12	18.3	0.0
100	256QAM	1	1	16.98	17.04	16.98	18.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	17.19	17.25	16.61	18.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	17.15	17.27	16.54	18.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	17.14	17.26	16.56	18.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	PI/2 BPSK	1	1	17.14	17.24	16.55	18.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	17.12	17.26	16.54	18.3	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.31		18.0	0.0
100	PI/2 BPSK	1	137		17.28			
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.27		18.0	0.0
100	PI/2 BPSK	135	69		17.28		18.0	0.0
100	PI/2 BPSK	135	138		17.27		18.0	0.0
100	PI/2 BPSK	270	0		17.25			
100	QPSK	1	1		17.19		18.0	0.0
100	QPSK	1	137		17.28			
100	QPSK	1	271		17.29			
100	QPSK	135	0		17.23		18.0	0.0
100	QPSK	135	69		17.23			
100	QPSK	135	138		17.12			
100	QPSK	270	0		17.26		18.0	0.0
100	16QAM	1	1		17.17		18.0	0.0
100	64QAM	1	1		17.12		18.0	0.0
100	256QAM	1	1		17.09		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.17	17.15	17.18	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.19	17.16	17.16	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.26	17.23	17.18	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.18	17.23	17.17	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.17	17.16	17.16	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.19	17.25	17.16	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.18	17.15	17.23	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.24	17.17	17.21	18.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.15		18.0	0.0
100	PI/2 BPSK	1	137		16.94			
100	PI/2 BPSK	1	271		16.87			
100	PI/2 BPSK	135	0		16.94		18.0	0.0
100	PI/2 BPSK	135	69		16.96		18.0	0.0
100	PI/2 BPSK	135	138		16.83		18.0	0.0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.12		18.0	0.0
100	QPSK	1	137		16.86			
100	QPSK	1	271		16.83			
100	QPSK	135	0		16.98		18.0	0.0
100	QPSK	135	69		16.77			
100	QPSK	135	138		16.75			
100	QPSK	270	0		16.82		18.0	0.0
100	16QAM	1	1		17.14		18.0	0.0
100	64QAM	1	1		17.06		18.0	0.0
100	256QAM	1	1		17.01		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.99	17.06	17.06	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.09	17.02	17.04	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.04	17.09	17.09	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.10	17.06	17.01	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.01	17.03	17.07	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.08	17.10	17.03	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.06	17.10	17.05	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.08	17.05	17.00	18.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.45		18.3	0.0
100	PI/2 BPSK	1	137		17.33			
100	PI/2 BPSK	1	271		17.36			
100	PI/2 BPSK	135	0		17.35		18.3	0.0
100	PI/2 BPSK	135	69		17.36		18.3	0.0
100	PI/2 BPSK	135	138		17.27		18.3	0.0
100	PI/2 BPSK	270	0		17.31			
100	QPSK	1	1		17.39		18.3	0.0
100	QPSK	1	137		17.32			
100	QPSK	1	271		17.36			
100	QPSK	135	0		17.30		18.3	0.0
100	QPSK	135	69		17.24			
100	QPSK	135	138		17.26			
100	QPSK	270	0		17.29		18.3	0.0
100	16QAM	1	1		17.27		18.3	0.0
100	64QAM	1	1		17.44		18.3	0.0
100	256QAM	1	1		17.37		18.3	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.36	17.35	17.40	18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.38	17.29	17.40	18.3	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.30	17.36	17.36	18.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.29	17.32	17.32	18.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.30	17.30	17.36	18.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.31	17.39	17.30	18.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.38	17.30	17.29	18.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.33	17.40	17.34	18.3	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.31		18.3	0.0
100	PI/2 BPSK	1	137		17.26			
100	PI/2 BPSK	1	271		17.23			
100	PI/2 BPSK	135	0		17.25		18.3	0.0
100	PI/2 BPSK	135	69		17.27		18.3	0.0
100	PI/2 BPSK	135	138		17.15		18.3	0.0
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.27		18.3	0.0
100	QPSK	1	137		17.28			
100	QPSK	1	271		17.15			
100	QPSK	135	0		17.23		18.3	0.0
100	QPSK	135	69		17.24			
100	QPSK	135	138		17.12			
100	QPSK	270	0		17.24		18.3	0.0
100	16QAM	1	1		17.24		18.3	0.0
100	64QAM	1	1		17.24		18.3	0.0
100	256QAM	1	1		17.22		18.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.26	17.19	17.26	18.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.26	17.21	17.21	18.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.25	17.26	17.16	18.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.23	17.25	17.15	18.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.20	17.18	17.19	18.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.18	17.22	17.22	18.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.20	17.25	17.25	18.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.17	17.22	17.19	18.3	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.39		20.5	0.0
100	PI/2 BPSK	1	137		19.29			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.29		20.5	0.0
100	PI/2 BPSK	135	69		19.30		20.5	0.0
100	PI/2 BPSK	135	138		19.23		20.5	0.0
100	PI/2 BPSK	270	0		19.29			
100	QPSK	1	1		19.24		20.5	0.0
100	QPSK	1	137		19.20			
100	QPSK	1	271		19.21			
100	QPSK	135	0		19.34		20.5	0.0
100	QPSK	135	69		19.29			
100	QPSK	135	138		19.31			
100	QPSK	270	0		19.32		20.5	0.0
100	16QAM	1	1		19.28		20.5	0.0
100	64QAM	1	1		19.22		20.5	0.0
100	256QAM	1	1		19.29		20.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.24	19.24	19.30	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.32	19.32	19.25	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.28	19.25	19.26	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.23	19.25	19.25	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.29	19.34	19.28	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.26	19.30	19.24	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.33	19.23	19.32	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.33	19.34	19.34	20.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.68		20.5	0.0
100	PI/2 BPSK	1	137		19.63			
100	PI/2 BPSK	1	271		19.51			
100	PI/2 BPSK	135	0		19.35		20.5	0.0
100	PI/2 BPSK	135	69		19.68		20.5	0.0
100	PI/2 BPSK	135	138		19.61		20.5	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.52		20.5	0.0
100	QPSK	1	137		19.53			
100	QPSK	1	271		19.50			
100	QPSK	135	0		19.53		20.5	0.0
100	QPSK	135	69		19.58			
100	QPSK	135	138		19.61			
100	QPSK	270	0		19.48		20.5	0.0
100	16QAM	1	1		19.41		20.5	0.0
100	64QAM	1	1		19.50		20.5	0.0
100	256QAM	1	1		19.56		20.5	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.61	19.56	19.52	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.63	19.60	19.59	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.62	19.60	19.58	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.60	19.57	19.61	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.61	19.52	19.53	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.54	19.56	19.57	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.55	19.53	19.55	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.56	19.53	19.55	20.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.36		20.5	0.0
100	PI/2 BPSK	1	137		19.32			
100	PI/2 BPSK	1	271		19.22			
100	PI/2 BPSK	135	0		19.20		20.5	0.0
100	PI/2 BPSK	135	69		19.27		20.5	0.0
100	PI/2 BPSK	135	138		19.14		20.5	0.0
100	PI/2 BPSK	270	0		19.18			
100	QPSK	1	1		19.35		20.5	0.0
100	QPSK	1	137		19.30			
100	QPSK	1	271		19.22			
100	QPSK	135	0		19.08		20.5	0.0
100	QPSK	135	69		19.13			
100	QPSK	135	138		19.14			
100	QPSK	270	0		19.10		20.5	0.0
100	16QAM	1	1		19.22		20.5	0.0
100	64QAM	1	1		19.17		20.5	0.0
100	256QAM	1	1		19.25		20.0	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.28	19.22	19.22	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.27	19.22	19.21	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.20	19.25	19.20	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.21	19.30	19.27	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.28	19.21	19.23	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.27	19.24	19.21	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.25	19.27	19.22	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.22	19.24	19.28	20.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.88		20.5	0.0
100	PI/2 BPSK	1	137		18.72			
100	PI/2 BPSK	1	271		18.65			
100	PI/2 BPSK	135	0		18.52		20.5	0.0
100	PI/2 BPSK	135	69		18.59		20.5	0.0
100	PI/2 BPSK	135	138		18.53		20.5	0.0
100	PI/2 BPSK	270	0		18.22			
100	QPSK	1	1		18.78		20.5	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.50			
100	QPSK	135	0		18.52		20.5	0.0
100	QPSK	135	69		18.51			
100	QPSK	135	138		18.50			
100	QPSK	270	0		18.85		20.5	0.0
100	16QAM	1	1		18.54		20.5	0.0
100	64QAM	1	1		18.87		20.5	0.0
100	256QAM	1	1		18.83		20.0	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.82	18.81	18.75	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.73	18.77	18.81	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.78	18.73	18.73	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.72	18.79	18.74	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.78	18.82	18.83	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.78	18.75	18.80	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	18.80	18.82	18.73	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.73	18.77	18.78	20.5	0.0

UL CA

CA_7C_Ant13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default Power	23.26	24.00
21100	20902	QPSK	1	0	0	0	1	0	Default Power	23.51	24.00
21350	21152	QPSK	1	0	0	0	1	0	Default Power	23.40	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI2/3	13.42	14.00
21100	20902	QPSK	1	0	0	0	1	0	DSI2/3	13.59	14.00
21350	21152	QPSK	1	0	0	0	1	0	DSI2/3	13.36	14.00
20850	21048	QPSK	1	0	0	0	1	0	DSI4	21.82	23.00
21100	20902	QPSK	1	0	0	0	1	0	DSI4	21.91	23.00
21350	21152	QPSK	1	0	0	0	1	0	DSI4	21.76	23.00
20850	21048	QPSK	1	0	0	0	1	0	DSI5	18.88	20.00
21100	20902	QPSK	1	0	0	0	1	0	DSI5	18.95	20.00
21350	21152	QPSK	1	0	0	0	1	0	DSI5	18.79	20.00
20850	21048	QPSK	1	0	0	0	1	0	DSI8	16.31	17.50
21100	20902	QPSK	1	0	0	0	1	0	DSI8	16.42	17.50
21350	21152	QPSK	1	0	0	0	1	0	DSI8	16.28	17.50

CA_38C_Ant13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Default Power	23.42	24.20
37901	38099	QPSK	1	0	0	0	1	0	Default Power	23.55	24.20
38150	37952	QPSK	1	0	0	0	1	0	Default Power	23.16	24.20
37850	38048	QPSK	1	0	0	0	1	0	DSI2/3	14.25	15.70
37901	38099	QPSK	1	0	0	0	1	0	DSI2/3	14.32	15.70
38150	37952	QPSK	1	0	0	0	1	0	DSI2/3	14.18	15.70
37850	38048	QPSK	1	0	0	0	1	0	DSI4	22.54	23.70
37901	38099	QPSK	1	0	0	0	1	0	DSI4	22.69	23.70
38150	37952	QPSK	1	0	0	0	1	0	DSI4	22.56	23.70
37850	38048	QPSK	1	0	0	0	1	0	DSI5	21.03	22.20
37901	38099	QPSK	1	0	0	0	1	0	DSI5	21.11	22.20
38150	37952	QPSK	1	0	0	0	1	0	DSI5	21.07	22.20
37850	38048	QPSK	1	0	0	0	1	0	DSI8	19.87	21.20
37901	38099	QPSK	1	0	0	0	1	0	DSI8	19.99	21.20
38150	37952	QPSK	1	0	0	0	1	0	DSI8	19.91	21.20

CA_7C_Ant31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default Power	23.51	25.00
21100	20902	QPSK	1	0	0	0	1	0	Default Power	23.59	25.00
21350	21152	QPSK	1	0	0	0	1	0	Default Power	23.43	25.00
20850	21048	QPSK	1	0	0	0	1	0	DSI2/3	23.51	25.00
21100	20902	QPSK	1	0	0	0	1	0	DSI2/3	23.59	25.00
21350	21152	QPSK	1	0	0	0	1	0	DSI2/3	23.43	25.00
20850	21048	QPSK	1	0	0	0	1	0	DSI4	20.67	22.00
21100	20902	QPSK	1	0	0	0	1	0	DSI4	20.89	22.00
21350	21152	QPSK	1	0	0	0	1	0	DSI4	20.72	22.00
20850	21048	QPSK	1	0	0	0	1	0	DSI5	20.67	22.00
21100	20902	QPSK	1	0	0	0	1	0	DSI5	20.89	22.00
21350	21152	QPSK	1	0	0	0	1	0	DSI5	20.72	22.00
20850	21048	QPSK	1	0	0	0	1	0	DSI8	18.24	19.50
21100	20902	QPSK	1	0	0	0	1	0	DSI8	18.38	19.50
21350	21152	QPSK	1	0	0	0	1	0	DSI8	18.31	19.50

CA_38C_Ant31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Default Power	23.54	25.00
37901	38099	QPSK	1	0	0	0	1	0	Default Power	23.75	25.00
38150	37952	QPSK	1	0	0	0	1	0	Default Power	23.72	25.00
37850	38048	QPSK	1	0	0	0	1	0	DSI2/3	23.54	25.00
37901	38099	QPSK	1	0	0	0	1	0	DSI2/3	23.75	25.00
38150	37952	QPSK	1	0	0	0	1	0	DSI2/3	23.72	25.00
37850	38048	QPSK	1	0	0	0	1	0	DSI4	22.74	24.00
37901	38099	QPSK	1	0	0	0	1	0	DSI4	22.88	24.00
38150	37952	QPSK	1	0	0	0	1	0	DSI4	22.82	24.00
37850	38048	QPSK	1	0	0	0	1	0	DSI5	22.74	24.00
37901	38099	QPSK	1	0	0	0	1	0	DSI5	22.88	24.00
38150	37952	QPSK	1	0	0	0	1	0	DSI5	22.82	24.00
37850	38048	QPSK	1	0	0	0	1	0	DSI8	20.68	22.00
37901	38099	QPSK	1	0	0	0	1	0	DSI8	20.81	22.00
38150	37952	QPSK	1	0	0	0	1	0	DSI8	20.77	22.00

CA_7C_Ant25											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default Power	23.01	24.00
21100	20902	QPSK	1	0	0	0	1	0	Default Power	23.07	24.00
21350	21152	QPSK	1	0	0	0	1	0	Default Power	23.03	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI2/3	17.29	18.50
21100	20902	QPSK	1	0	0	0	1	0	DSI2/3	17.57	18.50
21350	21152	QPSK	1	0	0	0	1	0	DSI2/3	17.43	18.50
20850	21048	QPSK	1	0	0	0	1	0	DSI4	20.37	21.50
21100	20902	QPSK	1	0	0	0	1	0	DSI4	20.58	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI4	20.49	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI5	20.37	21.50
21100	20902	QPSK	1	0	0	0	1	0	DSI5	20.58	21.50
21350	21152	QPSK	1	0	0	0	1	0	DSI5	20.49	21.50
20850	21048	QPSK	1	0	0	0	1	0	DSI8	17.48	18.50
21100	20902	QPSK	1	0	0	0	1	0	DSI8	17.61	18.50
21350	21152	QPSK	1	0	0	0	1	0	DSI8	17.52	18.50

CA_38C_Ant25											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Default Power	23.12	24.50
37901	38099	QPSK	1	0	0	0	1	0	Default Power	23.23	24.50
38150	37952	QPSK	1	0	0	0	1	0	Default Power	23.01	24.50
37850	38048	QPSK	1	0	0	0	1	0	DSI2/3	19.42	21.00
37901	38099	QPSK	1	0	0	0	1	0	DSI2/3	19.58	21.00
38150	37952	QPSK	1	0	0	0	1	0	DSI2/3	19.51	21.00
37850	38048	QPSK	1	0	0	0	1	0	DSI4	22.20	23.50
37901	38099	QPSK	1	0	0	0	1	0	DSI4	22.24	23.50
38150	37952	QPSK	1	0	0	0	1	0	DSI4	22.16	23.50
37850	38048	QPSK	1	0	0	0	1	0	DSI5	22.20	23.50
37901	38099	QPSK	1	0	0	0	1	0	DSI5	22.24	23.50
38150	37952	QPSK	1	0	0	0	1	0	DSI5	22.16	23.50
37850	38048	QPSK	1	0	0	0	1	0	DSI8	20.41	22.00
37901	38099	QPSK	1	0	0	0	1	0	DSI8	20.56	22.00
38150	37952	QPSK	1	0	0	0	1	0	DSI8	20.43	22.00

CA_41C_Ant13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	Default Power	23.10	24.00
39750	39948	QPSK	1	0	0	0	1	0	Default Power	23.03	24.00
40185	39987	QPSK	1	0	0	0	1	0	Default Power	23.19	24.00
40620	40422	QPSK	1	0	0	0	1	0	Default Power	23.24	24.00
41055	40857	QPSK	1	0	0	0	1	0	Default Power	23.16	24.00
41490	41292	QPSK	1	0	0	0	1	0	Default Power	23.11	24.00
39790	39988	QPSK	1	0	0	0	1	0	DSI2/3	14.04	15.50
39750	39948	QPSK	1	0	0	0	1	0	DSI2/3	14.15	15.50
40185	39987	QPSK	1	0	0	0	1	0	DSI2/3	14.22	15.50
40620	40422	QPSK	1	0	0	0	1	0	DSI2/3	14.25	15.50
41055	40857	QPSK	1	0	0	0	1	0	DSI2/3	14.11	15.50
41490	41292	QPSK	1	0	0	0	1	0	DSI2/3	14.20	15.50
39790	39988	QPSK	1	0	0	0	1	0	DSI4	22.04	23.50
39750	39948	QPSK	1	0	0	0	1	0	DSI4	22.27	23.50
40185	39987	QPSK	1	0	0	0	1	0	DSI4	22.18	23.50
40620	40422	QPSK	1	0	0	0	1	0	DSI4	22.51	23.50
41055	40857	QPSK	1	0	0	0	1	0	DSI4	22.36	23.50
41490	41292	QPSK	1	0	0	0	1	0	DSI4	22.25	23.50
39790	39988	QPSK	1	0	0	0	1	0	DSI5	20.86	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI5	20.88	22.00
40185	39987	QPSK	1	0	0	0	1	0	DSI5	21.02	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI5	21.08	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI5	20.96	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI5	21.06	22.00
39790	39988	QPSK	1	0	0	0	1	0	DSI8	19.72	21.00
39750	39948	QPSK	1	0	0	0	1	0	DSI8	19.66	21.00
40185	39987	QPSK	1	0	0	0	1	0	DSI8	19.75	21.00
40620	40422	QPSK	1	0	0	0	1	0	DSI8	19.88	21.00
41055	40857	QPSK	1	0	0	0	1	0	DSI8	19.81	21.00
41490	41292	QPSK	1	0	0	0	1	0	DSI8	18.73	21.00

CA_41C_Ant31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	Default Power	23.82	25.00
39750	39948	QPSK	1	0	0	0	1	0	Default Power	23.80	25.00
40185	39987	QPSK	1	0	0	0	1	0	Default Power	23.77	25.00
40620	40422	QPSK	1	0	0	0	1	0	Default Power	23.83	25.00
41055	40857	QPSK	1	0	0	0	1	0	Default Power	23.78	25.00
41490	41292	QPSK	1	0	0	0	1	0	Default Power	23.77	25.00
39790	39988	QPSK	1	0	0	0	1	0	DSI2/3	23.82	25.00
39750	39948	QPSK	1	0	0	0	1	0	DSI2/3	23.80	25.00
40185	39987	QPSK	1	0	0	0	1	0	DSI2/3	23.77	25.00
40620	40422	QPSK	1	0	0	0	1	0	DSI2/3	23.83	25.00
41055	40857	QPSK	1	0	0	0	1	0	DSI2/3	23.78	25.00
41490	41292	QPSK	1	0	0	0	1	0	DSI2/3	23.77	25.00
39790	39988	QPSK	1	0	0	0	1	0	DSI4	22.71	24.00
39750	39948	QPSK	1	0	0	0	1	0	DSI4	22.65	24.00
40185	39987	QPSK	1	0	0	0	1	0	DSI4	22.82	24.00
40620	40422	QPSK	1	0	0	0	1	0	DSI4	22.88	24.00
41055	40857	QPSK	1	0	0	0	1	0	DSI4	22.76	24.00
41490	41292	QPSK	1	0	0	0	1	0	DSI4	22.85	24.00
39790	39988	QPSK	1	0	0	0	1	0	DSI5	22.71	24.00
39750	39948	QPSK	1	0	0	0	1	0	DSI5	22.65	24.00
40185	39987	QPSK	1	0	0	0	1	0	DSI5	22.82	24.00
40620	40422	QPSK	1	0	0	0	1	0	DSI5	22.88	24.00
41055	40857	QPSK	1	0	0	0	1	0	DSI5	22.76	24.00
41490	41292	QPSK	1	0	0	0	1	0	DSI5	22.85	24.00
39790	39988	QPSK	1	0	0	0	1	0	DSI8	20.89	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI8	20.92	22.00
40185	39987	QPSK	1	0	0	0	1	0	DSI8	20.94	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI8	20.95	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI8	20.93	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI8	20.91	22.00

CA_41C_Ant25											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	DSI	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	Default Power	22.96	24.50
39750	39948	QPSK	1	0	0	0	1	0	Default Power	23.04	24.50
40185	39987	QPSK	1	0	0	0	1	0	Default Power	22.97	24.50
40620	40422	QPSK	1	0	0	0	1	0	Default Power	23.21	24.50
41055	40857	QPSK	1	0	0	0	1	0	Default Power	23.04	24.50
41490	41292	QPSK	1	0	0	0	1	0	Default Power	22.99	24.50
39790	39988	QPSK	1	0	0	0	1	0	DSI2/3	19.81	21.50
39750	39948	QPSK	1	0	0	0	1	0	DSI2/3	19.76	21.50
40185	39987	QPSK	1	0	0	0	1	0	DSI2/3	19.86	21.50
40620	40422	QPSK	1	0	0	0	1	0	DSI2/3	19.97	21.50
41055	40857	QPSK	1	0	0	0	1	0	DSI2/3	19.92	21.50
41490	41292	QPSK	1	0	0	0	1	0	DSI2/3	19.91	21.50
39790	39988	QPSK	1	0	0	0	1	0	DSI4	21.95	23.50
39750	39948	QPSK	1	0	0	0	1	0	DSI4	21.86	23.50
40185	39987	QPSK	1	0	0	0	1	0	DSI4	21.94	23.50
40620	40422	QPSK	1	0	0	0	1	0	DSI4	22.08	23.50
41055	40857	QPSK	1	0	0	0	1	0	DSI4	22.04	23.50
41490	41292	QPSK	1	0	0	0	1	0	DSI4	22.03	23.50
39790	39988	QPSK	1	0	0	0	1	0	DSI5	21.95	23.50
39750	39948	QPSK	1	0	0	0	1	0	DSI5	21.86	23.50
40185	39987	QPSK	1	0	0	0	1	0	DSI5	21.94	23.50
40620	40422	QPSK	1	0	0	0	1	0	DSI5	22.08	23.50
41055	40857	QPSK	1	0	0	0	1	0	DSI5	22.04	23.50
41490	41292	QPSK	1	0	0	0	1	0	DSI5	22.03	23.50
39790	39988	QPSK	1	0	0	0	1	0	DSI8	20.44	22.00
39750	39948	QPSK	1	0	0	0	1	0	DSI8	20.38	22.00
40185	39987	QPSK	1	0	0	0	1	0	DSI8	20.35	22.00
40620	40422	QPSK	1	0	0	0	1	0	DSI8	20.54	22.00
41055	40857	QPSK	1	0	0	0	1	0	DSI8	20.41	22.00
41490	41292	QPSK	1	0	0	0	1	0	DSI8	20.47	22.00

DL CA

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	23.11	23.28
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	23.19	23.28
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	23.12	23.28
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.82	23.88
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.85	23.88
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	23.86	23.88
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.06	23.82
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	23.77	23.95
Intra-Band	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	23.79	23.88
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.80	1098	23.27	23.28
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	23.84	23.89
		CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2614.80	38048	23.45	23.52
		CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	23.89	23.82

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.11	23.28
		CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.15	23.02
		CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.98	23.88
		CA_12A-66A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.85	23.78
Intra-Band	Non-Contiguous	CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	5M	2498.5	39675	23.89	23.82
	Contiguous	CA_41D	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.86	23.82

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_5A-7A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.92	23.95
Intra-Band	Contiguous	CA_41E	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	23.45	23.82

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_5A-7C-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2177.5	67111	23.90	23.95

Conducted Default Power for EN-DC LTE

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.70	22.86	22.81	24	0
20	QPSK	1	49	22.68	22.67	22.79		
20	QPSK	1	99	22.53	22.47	22.64		
20	QPSK	50	0	21.76	21.86	21.81	23	1
20	QPSK	50	24	21.75	21.77	21.78		
20	QPSK	50	50	21.65	21.75	21.76		
20	QPSK	100	0	21.73	21.82	21.81		
20	16QAM	1	0	21.65	21.94	21.99	23	1
20	16QAM	1	49	22.18	22.09	22.09		
20	16QAM	1	99	21.92	21.88	22.08		
20	16QAM	50	0	20.76	20.73	20.83	22	2
20	16QAM	50	24	20.76	20.81	20.87		
20	16QAM	50	50	20.73	20.80	20.84		
20	16QAM	100	0	20.72	20.77	20.84		
20	64QAM	1	0	20.84	21.04	21.03	22	2
20	64QAM	1	49	20.94	20.95	21.12		
20	64QAM	1	99	20.78	20.93	20.90		
20	64QAM	50	0	19.75	19.72	19.77	21	3
20	64QAM	50	24	19.78	19.81	19.87		
20	64QAM	50	50	19.69	19.76	19.82		
20	64QAM	100	0	19.73	19.77	19.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.69	22.67	22.82	24	0
15	QPSK	1	37	22.68	22.70	22.85		
15	QPSK	1	74	22.63	22.66	22.66		
15	QPSK	36	0	21.70	21.74	21.82	23	1
15	QPSK	36	20	21.77	21.79	21.83		
15	QPSK	36	39	21.74	21.80	21.87		
15	QPSK	75	0	21.77	21.82	21.78		
15	16QAM	1	0	21.88	22.00	22.12	23	1
15	16QAM	1	37	21.92	22.04	22.24		
15	16QAM	1	74	21.98	21.82	21.98		
15	16QAM	36	0	20.74	20.76	20.83	22	2
15	16QAM	36	20	20.84	20.86	20.80		
15	16QAM	36	39	20.79	20.83	20.93		
15	16QAM	75	0	20.80	20.81	20.81		
15	64QAM	1	0	20.96	20.92	21.10	22	2
15	64QAM	1	37	20.87	20.95	21.01		
15	64QAM	1	74	20.96	20.93	20.91		
15	64QAM	36	0	19.75	19.77	19.83	21	3
15	64QAM	36	20	19.78	19.84	19.83		
15	64QAM	36	39	19.77	19.82	19.88		
15	64QAM	75	0	19.80	19.79	19.82		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.82	22.81	24	0
10	QPSK	1	25	22.47	22.83	22.85		
10	QPSK	1	49	22.72	22.75	22.83		
10	QPSK	25	0	21.65	21.93	21.99	23	1
10	QPSK	25	12	21.73	21.98	21.98		
10	QPSK	25	25	21.87	21.92	21.98		
10	QPSK	50	0	21.60	21.98	21.96		
10	16QAM	1	0	21.88	22.27	22.42	23	1
10	16QAM	1	25	21.81	22.26	22.41		
10	16QAM	1	49	22.23	22.08	22.24		
10	16QAM	25	0	20.79	20.92	21.04	22	2
10	16QAM	25	12	20.90	21.00	20.97		
10	16QAM	25	25	20.90	20.95	21.01		
10	16QAM	50	0	20.80	20.97	20.97		
10	64QAM	1	0	20.97	21.13	21.29	22	2
10	64QAM	1	25	20.78	21.16	21.17		
10	64QAM	1	49	20.92	21.13	21.16		
10	64QAM	25	0	19.77	19.94	20.00	21	3
10	64QAM	25	12	19.91	20.01	20.00		
10	64QAM	25	25	19.92	19.93	19.96		
10	64QAM	50	0	19.89	19.99	19.97		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.70	22.80	22.81	24	0
5	QPSK	1	12	22.64	22.80	22.82		
5	QPSK	1	24	22.66	22.75	22.68		
5	QPSK	12	0	21.77	21.89	21.96	23	1
5	QPSK	12	7	21.73	21.96	22.03		
5	QPSK	12	13	21.74	21.87	21.83		
5	QPSK	25	0	21.68	21.92	21.99		
5	16QAM	1	0	21.95	22.11	22.18	23	1
5	16QAM	1	12	21.90	22.28	22.26		
5	16QAM	1	24	22.04	22.14	21.98		
5	16QAM	12	0	20.82	20.92	21.03	22	2
5	16QAM	12	7	20.85	20.97	21.06		
5	16QAM	12	13	20.85	20.89	21.03		
5	16QAM	25	0	20.74	20.97	21.03		
5	64QAM	1	0	20.92	21.18	21.25	22	2
5	64QAM	1	12	20.96	21.04	21.32		
5	64QAM	1	24	20.92	21.09	20.94		
5	64QAM	12	0	19.89	19.89	19.99	21	3
5	64QAM	12	7	19.87	20.01	20.10		
5	64QAM	12	13	19.88	19.87	19.99		
5	64QAM	25	0	19.81	19.94	20.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.67	22.82	22.81	24	0
3	QPSK	1	8	22.70	22.82	22.85		
3	QPSK	1	14	22.56	22.70	22.60		
3	QPSK	8	0	21.91	21.99	21.91	23	1
3	QPSK	8	4	21.74	21.94	21.87		
3	QPSK	8	7	21.70	21.87	21.83		
3	QPSK	15	0	21.64	21.91	21.86		
3	16QAM	1	0	21.87	22.32	22.29	23	1
3	16QAM	1	8	21.87	22.30	22.07		
3	16QAM	1	14	21.86	22.30	21.84		
3	16QAM	8	0	20.86	21.07	21.07	22	2
3	16QAM	8	4	20.89	21.01	21.02		
3	16QAM	8	7	20.87	20.93	20.94		
3	16QAM	15	0	20.81	20.97	20.99		
3	64QAM	1	0	20.76	21.26	21.19	22	2
3	64QAM	1	8	20.90	21.17	21.14		
3	64QAM	1	14	20.77	20.94	20.74		
3	64QAM	8	0	19.86	20.00	20.05	21	3
3	64QAM	8	4	19.87	20.01	20.01		
3	64QAM	8	7	19.84	19.90	20.02		
3	64QAM	15	0	19.84	19.95	19.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.44	22.73	22.49	24	0
1.4	QPSK	1	3	22.24	22.72	22.38		
1.4	QPSK	1	5	22.44	22.67	22.35		
1.4	QPSK	3	0	22.45	22.77	22.48		
1.4	QPSK	3	1	22.44	22.75	22.42		
1.4	QPSK	3	3	22.40	22.73	22.44		
1.4	QPSK	6	0	21.53	21.79	21.63	23	1
1.4	16QAM	1	0	21.76	22.20	21.99	23	1
1.4	16QAM	1	3	21.80	22.07	21.80		
1.4	16QAM	1	5	21.68	22.04	21.78		
1.4	16QAM	3	0	21.65	21.99	21.77		
1.4	16QAM	3	1	21.64	21.94	21.78		
1.4	16QAM	3	3	21.66	21.94	21.68		
1.4	16QAM	6	0	20.64	20.87	20.79	22	2
1.4	64QAM	1	0	20.87	21.01	20.84	22	2
1.4	64QAM	1	3	20.87	20.87	20.85		
1.4	64QAM	1	5	20.79	20.94	20.74		
1.4	64QAM	3	0	20.80	20.94	20.77		
1.4	64QAM	3	1	20.72	20.89	20.86		
1.4	64QAM	3	3	20.80	20.82	20.81		
1.4	64QAM	6	0	19.70	19.82	19.85	21	3

Band 2_Ant 31

BW [MHz]	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	23.18	23.35	23.10	24.5	0
20	QPSK	1	49	23.00	23.21	23.00		
20	QPSK	1	99	22.87	23.18	22.83		
20	QPSK	50	0	22.22	22.25	22.13	23.5	1
20	QPSK	50	24	21.91	22.13	21.98		
20	QPSK	50	50	21.86	22.06	21.97		
20	QPSK	100	0	22.11	22.12	22.05		
20	16QAM	1	0	22.11	22.30	22.20	23.5	1
20	16QAM	1	49	21.84	22.33	21.98		
20	16QAM	1	99	22.02	21.96	21.93		
20	16QAM	50	0	21.21	21.07	20.97	22.5	2
20	16QAM	50	24	21.12	21.26	21.20		
20	16QAM	50	50	21.13	21.13	20.90		
20	16QAM	100	0	21.15	21.10	21.21		
20	64QAM	1	0	21.17	21.16	21.19	22.5	2
20	64QAM	1	49	21.10	21.41	21.31		
20	64QAM	1	99	20.95	21.09	21.13		
20	64QAM	50	0	20.25	20.30	20.06	21.5	3
20	64QAM	50	24	20.21	20.19	20.04		
20	64QAM	50	50	20.09	20.24	20.05		
20	64QAM	100	0	20.20	20.26	20.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.01	23.34	22.97	24.5	0
15	QPSK	1	37	22.86	23.28	22.92		
15	QPSK	1	74	22.78	23.18	22.75		
15	QPSK	36	0	22.03	22.16	22.00	23.5	1
15	QPSK	36	20	21.80	22.10	21.91		
15	QPSK	36	39	21.75	22.11	21.91		
15	QPSK	75	0	21.93	22.13	21.87		
15	16QAM	1	0	21.99	22.38	22.12	23.5	1
15	16QAM	1	37	21.80	22.32	21.86		
15	16QAM	1	74	21.90	21.93	21.82		
15	16QAM	36	0	21.10	21.12	20.96	22.5	2
15	16QAM	36	20	21.06	21.29	21.13		
15	16QAM	36	39	21.00	21.12	20.81		
15	16QAM	75	0	21.07	21.10	21.00		
15	64QAM	1	0	21.11	21.17	21.04	22.5	2
15	64QAM	1	37	20.90	21.32	21.26		
15	64QAM	1	74	20.90	21.18	20.93		
15	64QAM	36	0	20.14	20.33	19.98	21.5	3
15	64QAM	36	20	20.15	20.17	19.97		
15	64QAM	36	39	20.08	20.21	19.91		
15	64QAM	75	0	20.06	20.26	19.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.08	23.33	23.01	24.5	0
10	QPSK	1	25	22.84	23.22	22.88		
10	QPSK	1	49	22.75	23.19	22.70		
10	QPSK	25	0	22.04	22.16	22.01	23.5	1
10	QPSK	25	12	21.84	22.12	21.93		
10	QPSK	25	25	21.83	22.06	21.86		
10	QPSK	50	0	21.92	22.11	21.87		
10	16QAM	1	0	22.03	22.31	22.18	23.5	1
10	16QAM	1	25	21.74	22.25	21.88		
10	16QAM	1	49	21.86	21.93	21.89		
10	16QAM	25	0	21.11	21.08	20.95	22.5	2
10	16QAM	25	12	21.04	21.28	21.07		
10	16QAM	25	25	20.99	21.18	20.91		
10	16QAM	50	0	21.03	21.17	21.05		
10	64QAM	1	0	21.12	21.14	21.08	22.5	2
10	64QAM	1	25	20.92	21.35	21.30		
10	64QAM	1	49	20.86	21.11	20.98		
10	64QAM	25	0	20.09	20.22	19.96	21.5	3
10	64QAM	25	12	20.11	20.19	19.97		
10	64QAM	25	25	20.03	20.21	19.93		
10	64QAM	50	0	20.06	20.27	20.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.09	23.34	23.01	24.5	0
5	QPSK	1	12	22.94	23.24	22.81		
5	QPSK	1	24	22.73	23.16	22.75		
5	QPSK	12	0	22.10	22.19	21.96	23.5	1
5	QPSK	12	7	21.79	22.10	21.92		
5	QPSK	12	13	21.78	22.09	21.93		
5	QPSK	25	0	21.96	22.02	21.88		
5	16QAM	1	0	21.97	22.33	22.12	23.5	1
5	16QAM	1	12	21.70	22.30	21.87		
5	16QAM	1	24	21.87	21.99	21.87		
5	16QAM	12	0	21.10	21.04	20.92	22.5	2
5	16QAM	12	7	21.11	21.25	21.09		
5	16QAM	12	13	20.98	21.17	20.89		
5	16QAM	25	0	21.03	21.09	21.03		
5	64QAM	1	0	21.10	21.16	20.98	22.5	2
5	64QAM	1	12	20.93	21.39	21.20		
5	64QAM	1	24	20.87	21.16	20.94		
5	64QAM	12	0	20.14	20.22	19.91	21.5	3
5	64QAM	12	7	20.10	20.14	19.99		
5	64QAM	12	13	20.05	20.27	19.90		
5	64QAM	25	0	20.08	20.35	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.30	22.96	24.5	0
3	QPSK	1	8	22.88	23.23	22.90		
3	QPSK	1	14	22.83	23.15	22.80		
3	QPSK	8	0	22.11	22.17	22.01	23.5	1
3	QPSK	8	4	21.75	22.15	21.92		
3	QPSK	8	7	21.82	22.12	21.93		
3	QPSK	15	0	21.96	22.07	21.83		
3	16QAM	1	0	22.00	22.38	22.18	23.5	1
3	16QAM	1	8	21.80	22.29	21.83		
3	16QAM	1	14	21.84	21.95	21.86		
3	16QAM	8	0	21.12	21.05	20.96	22.5	2
3	16QAM	8	4	21.08	21.23	21.11		
3	16QAM	8	7	20.94	21.18	20.82		
3	16QAM	15	0	21.12	21.09	21.03		
3	64QAM	1	0	21.15	21.09	21.09	22.5	2
3	64QAM	1	8	20.96	21.32	21.29		
3	64QAM	1	14	20.92	21.07	20.97		
3	64QAM	8	0	20.05	20.23	19.97	21.5	3
3	64QAM	8	4	20.18	20.13	19.97		
3	64QAM	8	7	20.06	20.21	19.92		
3	64QAM	15	0	20.14	20.30	20.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.08	23.34	22.92	24.5	0
1.4	QPSK	1	3	22.91	23.22	22.81		
1.4	QPSK	1	5	22.78	23.14	22.72		
1.4	QPSK	3	0	23.09	23.21	23.01		
1.4	QPSK	3	1	22.76	23.15	22.89		
1.4	QPSK	3	3	22.77	23.09	22.84		
1.4	QPSK	6	0	22.01	22.07	21.90	23.5	1
1.4	16QAM	1	0	21.98	22.33	22.19	23.5	1
1.4	16QAM	1	3	21.76	22.27	21.84		
1.4	16QAM	1	5	21.91	21.90	21.80		
1.4	16QAM	3	0	22.06	22.10	21.86		
1.4	16QAM	3	1	22.09	22.29	22.08		
1.4	16QAM	3	3	21.95	22.14	21.88		
1.4	16QAM	6	0	21.04	21.14	21.00	22.5	2
1.4	64QAM	1	0	21.18	21.14	21.03	22.5	2
1.4	64QAM	1	3	20.98	21.35	21.27		
1.4	64QAM	1	5	20.91	21.13	21.02		
1.4	64QAM	3	0	21.07	21.29	20.98		
1.4	64QAM	3	1	21.12	21.14	20.92		
1.4	64QAM	3	3	21.07	21.16	20.91		
1.4	64QAM	6	0	20.16	20.36	19.92	21.5	3

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.54	22.62	22.56	24	0
20	QPSK	1	49	22.50	22.52	22.51		
20	QPSK	1	99	22.42	22.48	22.46		
20	QPSK	50	0	21.57	21.65	21.63	23	1
20	QPSK	50	24	21.48	21.60	21.54		
20	QPSK	50	50	21.32	21.52	21.46		
20	QPSK	100	0	21.60	21.75	21.68		
20	16QAM	1	0	21.35	21.45	21.37	23	1
20	16QAM	1	49	21.16	21.30	21.14		
20	16QAM	1	99	21.30	21.35	21.19		
20	16QAM	50	0	20.56	20.63	20.48	22	2
20	16QAM	50	24	20.58	20.68	20.59		
20	16QAM	50	50	20.43	20.56	20.48		
20	16QAM	100	0	20.58	20.71	20.64		
20	64QAM	1	0	20.62	20.77	20.68	22	2
20	64QAM	1	49	20.77	20.82	20.67		
20	64QAM	1	99	20.47	20.56	20.50		
20	64QAM	50	0	19.46	19.55	19.39	21	3
20	64QAM	50	24	19.58	19.66	19.59		
20	64QAM	50	50	19.49	19.60	19.48		
20	64QAM	100	0	19.52	19.59	19.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.41	22.56	22.43	24	0
15	QPSK	1	37	22.44	22.47	22.41		
15	QPSK	1	74	22.27	22.43	22.32		
15	QPSK	36	0	21.47	21.54	21.50	23	1
15	QPSK	36	20	21.41	21.50	21.38		
15	QPSK	36	39	21.26	21.44	21.41		
15	QPSK	75	0	21.47	21.60	21.59		
15	16QAM	1	0	21.22	21.33	21.32	23	1
15	16QAM	1	37	21.04	21.14	21.05		
15	16QAM	1	74	21.20	21.21	21.04		
15	16QAM	36	0	20.42	20.51	20.37	22	2
15	16QAM	36	20	20.51	20.55	20.47		
15	16QAM	36	39	20.27	20.51	20.35		
15	16QAM	75	0	20.46	20.57	20.54		
15	64QAM	1	0	20.50	20.66	20.59	22	2
15	64QAM	1	37	20.63	20.68	20.60		
15	64QAM	1	74	20.35	20.47	20.39		
15	64QAM	36	0	19.35	19.45	19.24	21	3
15	64QAM	36	20	19.47	19.54	19.45		
15	64QAM	36	39	19.37	19.52	19.42		
15	64QAM	75	0	19.43	19.54	19.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.48	22.52	22.45	24	0
10	QPSK	1	25	22.38	22.40	22.41		
10	QPSK	1	49	22.32	22.38	22.39		
10	QPSK	25	0	21.51	21.53	21.53	23	1
10	QPSK	25	12	21.33	21.45	21.40		
10	QPSK	25	25	21.18	21.38	21.38		
10	QPSK	50	0	21.44	21.67	21.55		
10	16QAM	1	0	21.26	21.34	21.29	23	1
10	16QAM	1	25	21.11	21.22	21.15		
10	16QAM	1	49	21.19	21.28	21.10		
10	16QAM	25	0	20.46	20.51	20.40	22	2
10	16QAM	25	12	20.52	20.54	20.49		
10	16QAM	25	25	20.37	20.50	20.42		
10	16QAM	50	0	20.42	20.62	20.58		
10	64QAM	1	0	20.51	20.66	20.57	22	2
10	64QAM	1	25	20.72	20.72	20.54		
10	64QAM	1	49	20.35	20.42	20.41		
10	64QAM	25	0	19.38	19.45	19.31	21	3
10	64QAM	25	12	19.46	19.59	19.43		
10	64QAM	25	25	19.38	19.51	19.37		
10	64QAM	50	0	19.41	19.48	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.45	22.50	22.44	24	0
5	QPSK	1	12	22.36	22.41	22.35		
5	QPSK	1	24	22.29	22.39	22.33		
5	QPSK	12	0	21.42	21.60	21.47	23	1
5	QPSK	12	7	21.39	21.53	21.40		
5	QPSK	12	13	21.24	21.44	21.36		
5	QPSK	25	0	21.47	21.67	21.62		
5	16QAM	1	0	21.27	21.36	21.32	23	1
5	16QAM	1	12	21.10	21.23	21.06		
5	16QAM	1	24	21.16	21.29	21.13		
5	16QAM	12	0	20.51	20.56	20.39	22	2
5	16QAM	12	7	20.43	20.52	20.44		
5	16QAM	12	13	20.38	20.42	20.33		
5	16QAM	25	0	20.53	20.61	20.58		
5	64QAM	1	0	20.50	20.63	20.56	22	2
5	64QAM	1	12	20.64	20.70	20.62		
5	64QAM	1	24	20.36	20.51	20.34		
5	64QAM	12	0	19.30	19.45	19.30	21	3
5	64QAM	12	7	19.42	19.55	19.52		
5	64QAM	12	13	19.33	19.50	19.40		
5	64QAM	25	0	19.42	19.45	19.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.41	22.50	22.47	24	0
3	QPSK	1	8	22.37	22.41	22.40		
3	QPSK	1	14	22.32	22.35	22.38		
3	QPSK	8	0	21.48	21.51	21.57	23	1
3	QPSK	8	4	21.35	21.47	21.43		
3	QPSK	8	7	21.19	21.46	21.34		
3	QPSK	15	0	21.49	21.63	21.58		
3	16QAM	1	0	21.22	21.39	21.25	23	1
3	16QAM	1	8	21.11	21.24	21.01		
3	16QAM	1	14	21.14	21.29	21.13		
3	16QAM	8	0	20.49	20.47	20.42	22	2
3	16QAM	8	4	20.45	20.53	20.54		
3	16QAM	8	7	20.34	20.41	20.34		
3	16QAM	15	0	20.47	20.66	20.56		
3	64QAM	1	0	20.46	20.71	20.54	22	2
3	64QAM	1	8	20.62	20.69	20.57		
3	64QAM	1	14	20.33	20.42	20.41		
3	64QAM	8	0	19.31	19.45	19.29	21	3
3	64QAM	8	4	19.43	19.51	19.47		
3	64QAM	8	7	19.44	19.54	19.41		
3	64QAM	15	0	19.44	19.43	19.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.47	22.49	22.43	24	0
1.4	QPSK	1	3	22.42	22.43	22.35		
1.4	QPSK	1	5	22.35	22.32	22.36		
1.4	QPSK	3	0	22.48	22.55	22.58		
1.4	QPSK	3	1	22.43	22.50	22.48		
1.4	QPSK	3	3	22.23	22.40	22.41		
1.4	QPSK	6	0	21.50	21.60	21.59	23	1
1.4	16QAM	1	0	21.30	21.33	21.31	23	1
1.4	16QAM	1	3	21.05	21.16	21.00		
1.4	16QAM	1	5	21.20	21.22	21.07		
1.4	16QAM	3	0	21.44	21.51	21.35		
1.4	16QAM	3	1	21.44	21.57	21.48		
1.4	16QAM	3	3	21.32	21.43	21.43		
1.4	16QAM	6	0	20.53	20.66	20.57	22	2
1.4	64QAM	1	0	20.48	20.69	20.58	22	2
1.4	64QAM	1	3	20.68	20.76	20.60		
1.4	64QAM	1	5	20.42	20.43	20.35		
1.4	64QAM	3	0	20.40	20.42	20.29		
1.4	64QAM	3	1	20.43	20.54	20.52		
1.4	64QAM	3	3	20.33	20.44	20.35		
1.4	64QAM	6	0	19.37	19.49	19.39	21	3

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.49	23.52	23.38	24.5	0
20	QPSK	1	49	23.28	23.36	23.33		
20	QPSK	1	99	23.19	23.28	23.24		
20	QPSK	50	0	22.28	22.32	22.31	23.5	1
20	QPSK	50	24	22.22	22.17	22.21		
20	QPSK	50	50	22.14	22.20	22.15		
20	QPSK	100	0	22.23	22.25	22.21		
20	16QAM	1	0	22.71	22.66	22.69	23.5	1
20	16QAM	1	49	22.87	23.07	22.78		
20	16QAM	1	99	22.50	22.60	22.51		
20	16QAM	50	0	21.37	21.43	21.42	22.5	2
20	16QAM	50	24	21.46	21.41	21.49		
20	16QAM	50	50	21.38	21.39	21.40		
20	16QAM	100	0	21.41	21.34	21.44		
20	64QAM	1	0	21.55	21.55	21.71	22.5	2
20	64QAM	1	49	21.63	21.68	21.57		
20	64QAM	1	99	21.45	21.46	21.47		
20	64QAM	50	0	20.36	20.43	20.38	21.5	3
20	64QAM	50	24	20.42	20.40	20.47		
20	64QAM	50	50	20.38	20.40	20.36		
20	64QAM	100	0	20.38	20.37	20.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.31	23.28	23.43	24.5	0
15	QPSK	1	37	23.30	23.33	23.35		
15	QPSK	1	74	23.16	23.22	23.15		
15	QPSK	36	0	22.10	22.22	22.16	23.5	1
15	QPSK	36	20	22.20	22.17	22.14		
15	QPSK	36	39	22.16	22.19	22.15		
15	QPSK	75	0	22.19	22.12	22.16		
15	16QAM	1	0	22.59	22.61	22.67	23.5	1
15	16QAM	1	37	22.61	22.65	22.66		
15	16QAM	1	74	22.43	22.58	22.46		
15	16QAM	36	0	21.39	21.41	21.42	22.5	2
15	16QAM	36	20	21.41	21.40	21.38		
15	16QAM	36	39	21.37	21.40	21.39		
15	16QAM	75	0	21.41	21.38	21.33		
15	64QAM	1	0	21.46	21.53	21.56	22.5	2
15	64QAM	1	37	21.46	21.72	21.53		
15	64QAM	1	74	21.43	21.43	21.50		
15	64QAM	36	0	20.33	20.39	20.40	21.5	3
15	64QAM	36	20	20.45	20.38	20.42		
15	64QAM	36	39	20.34	20.39	20.39		
15	64QAM	75	0	20.37	20.32	20.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.36	23.46	23.42	24.5	0
10	QPSK	1	25	23.46	23.47	23.47		
10	QPSK	1	49	23.32	23.38	23.39		
10	QPSK	25	0	22.21	22.32	22.29	23.5	1
10	QPSK	25	12	22.29	22.30	22.33		
10	QPSK	25	25	22.28	22.32	22.33		
10	QPSK	50	0	22.29	22.27	22.29		
10	16QAM	1	0	22.70	22.90	22.97	23.5	1
10	16QAM	1	25	22.60	22.82	22.87		
10	16QAM	1	49	22.76	22.77	22.83		
10	16QAM	25	0	21.48	21.56	21.52	22.5	2
10	16QAM	25	12	21.57	21.53	21.50		
10	16QAM	25	25	21.49	21.56	21.53		
10	16QAM	50	0	21.49	21.52	21.51		
10	64QAM	1	0	21.63	21.61	21.75	22.5	2
10	64QAM	1	25	21.58	21.73	21.80		
10	64QAM	1	49	21.61	21.65	21.60		
10	64QAM	25	0	20.45	20.53	20.53	21.5	3
10	64QAM	25	12	20.53	20.48	20.51		
10	64QAM	25	25	20.50	20.53	20.53		
10	64QAM	50	0	20.52	20.45	20.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.43	23.48	23.45	24.5	0
5	QPSK	1	12	23.51	23.49	23.51		
5	QPSK	1	24	23.41	23.43	23.46		
5	QPSK	12	0	22.30	22.27	22.25	23.5	1
5	QPSK	12	7	22.33	22.29	22.35		
5	QPSK	12	13	22.26	22.32	22.30		
5	QPSK	25	0	22.30	22.24	22.31		
5	16QAM	1	0	22.69	22.84	22.94	23.5	1
5	16QAM	1	12	22.84	22.96	22.91		
5	16QAM	1	24	22.62	22.79	22.81		
5	16QAM	12	0	21.52	21.50	21.49	22.5	2
5	16QAM	12	7	21.61	21.52	21.60		
5	16QAM	12	13	21.53	21.55	21.54		
5	16QAM	25	0	21.51	21.49	21.57		
5	64QAM	1	0	21.69	21.82	21.59	22.5	2
5	64QAM	1	12	21.72	21.63	21.81		
5	64QAM	1	24	21.66	21.66	21.67		
5	64QAM	12	0	20.54	20.54	20.52	21.5	3
5	64QAM	12	7	20.53	20.54	20.58		
5	64QAM	12	13	20.48	20.58	20.60		
5	64QAM	25	0	20.51	20.50	20.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.36	23.51	23.47	24.5	0
3	QPSK	1	8	23.50	23.20	23.51		
3	QPSK	1	14	23.24	23.44	23.43		
3	QPSK	8	0	22.34	22.33	22.31	23.5	1
3	QPSK	8	4	22.37	22.41	22.33		
3	QPSK	8	7	22.34	22.40	22.38		
3	QPSK	15	0	22.35	22.29	22.30		
3	16QAM	1	0	22.69	22.83	22.79	23.5	1
3	16QAM	1	8	22.93	22.98	22.91		
3	16QAM	1	14	22.80	22.70	22.90		
3	16QAM	8	0	21.65	21.58	21.59	22.5	2
3	16QAM	8	4	21.63	21.75	21.66		
3	16QAM	8	7	21.63	21.67	21.67		
3	16QAM	15	0	21.54	21.52	21.54		
3	64QAM	1	0	21.60	21.80	21.72	22.5	2
3	64QAM	1	8	21.66	21.78	21.65		
3	64QAM	1	14	21.63	21.71	21.87		
3	64QAM	8	0	20.62	20.59	20.55	21.5	3
3	64QAM	8	4	20.61	20.72	20.57		
3	64QAM	8	7	20.56	20.64	20.64		
3	64QAM	15	0	20.56	20.55	20.51		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.35	23.46	23.45	24.5	0
1.4	QPSK	1	3	23.37	23.47	23.43		
1.4	QPSK	1	5	23.11	23.40	23.42		
1.4	QPSK	3	0	23.39	23.44	23.45		
1.4	QPSK	3	1	23.40	23.46	23.48		
1.4	QPSK	3	3	23.41	23.44	23.46		
1.4	QPSK	6	0	22.51	22.57	22.53	23.5	1
1.4	16QAM	1	0	22.82	22.86	22.97	23.5	1
1.4	16QAM	1	3	22.85	22.93	22.89		
1.4	16QAM	1	5	22.83	22.91	22.92		
1.4	16QAM	3	0	22.66	22.69	22.68		
1.4	16QAM	3	1	22.71	22.74	22.77		
1.4	16QAM	3	3	22.55	22.70	22.75		
1.4	16QAM	6	0	21.63	21.62	21.59	22.5	2
1.4	64QAM	1	0	21.70	21.69	21.71	22.5	2
1.4	64QAM	1	3	21.58	21.84	21.91		
1.4	64QAM	1	5	21.63	21.69	21.71		
1.4	64QAM	3	0	21.63	21.67	21.74		
1.4	64QAM	3	1	21.59	21.67	21.68		
1.4	64QAM	3	3	21.62	21.79	21.67		
1.4	64QAM	6	0	20.57	20.63	20.62	21.5	3

Band 4_Ant 31

BW [MHz]	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	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	24	1
1.4	16QAM	1	0	23.13	23.14	23.22	24	1
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	23	2
1.4	64QAM	1	0	21.97	22.02	21.96	23	2
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	22	3

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.44	23.45	23.37	24.5	0
20	QPSK	1	49	23.40	23.38	23.36		
20	QPSK	1	99	23.12	23.32	23.10		
20	QPSK	50	0	22.36	22.38	22.34	23.5	1
20	QPSK	50	24	22.34	22.27	22.23		
20	QPSK	50	50	22.22	22.31	22.26		
20	QPSK	100	0	22.28	22.30	22.26		
20	16QAM	1	0	22.59	22.81	22.58	23.5	1
20	16QAM	1	49	22.74	22.63	22.81		
20	16QAM	1	99	22.41	22.41	22.60		
20	16QAM	50	0	21.31	21.44	21.34	22.5	2
20	16QAM	50	24	21.43	21.26	21.36		
20	16QAM	50	50	21.31	21.25	21.37		
20	16QAM	100	0	21.28	21.38	21.34		
20	64QAM	1	0	21.46	21.76	21.44	22.5	2
20	64QAM	1	49	21.81	21.33	21.75		
20	64QAM	1	99	21.22	21.45	21.43		
20	64QAM	50	0	20.40	20.25	20.32	21.5	3
20	64QAM	50	24	20.32	20.42	20.33		
20	64QAM	50	50	20.26	20.26	20.31		
20	64QAM	100	0	20.28	20.37	20.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.20	23.36	24.5	0
15	QPSK	1	37	23.30	23.23	23.22		
15	QPSK	1	74	23.26	23.02	23.21		
15	QPSK	36	0	22.31	22.20	22.38	23.5	1
15	QPSK	36	20	22.32	22.38	22.42		
15	QPSK	36	39	22.32	22.26	22.30		
15	QPSK	75	0	22.34	22.32	22.38		
15	16QAM	1	0	22.68	22.44	22.85	23.5	1
15	16QAM	1	37	22.25	22.72	22.26		
15	16QAM	1	74	22.35	22.71	22.61		
15	16QAM	36	0	21.44	21.41	21.31	22.5	2
15	16QAM	36	20	21.32	21.36	21.38		
15	16QAM	36	39	21.26	21.28	21.31		
15	16QAM	75	0	21.34	21.31	21.32		
15	64QAM	1	0	21.74	21.51	21.61	22.5	2
15	64QAM	1	37	21.27	21.11	21.64		
15	64QAM	1	74	21.65	21.13	21.66		
15	64QAM	36	0	20.22	20.19	20.37	21.5	3
15	64QAM	36	20	20.45	20.37	20.34		
15	64QAM	36	39	20.26	20.23	20.32		
15	64QAM	75	0	20.42	20.25	20.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.22	23.27	23.37	24.5	0
10	QPSK	1	25	23.36	23.41	23.38		
10	QPSK	1	49	23.39	23.25	23.32		
10	QPSK	25	0	22.46	22.36	22.32	23.5	1
10	QPSK	25	12	22.29	22.47	22.44		
10	QPSK	25	25	22.37	22.45	22.46		
10	QPSK	50	0	22.44	22.53	22.34		
10	16QAM	1	0	22.51	22.86	22.88	23.5	1
10	16QAM	1	25	22.89	22.76	22.52		
10	16QAM	1	49	22.81	22.77	22.72		
10	16QAM	25	0	21.45	21.37	21.38	22.5	2
10	16QAM	25	12	21.53	21.47	21.48		
10	16QAM	25	25	21.41	21.43	21.32		
10	16QAM	50	0	21.42	21.38	21.31		
10	64QAM	1	0	21.23	21.58	21.76	22.5	2
10	64QAM	1	25	21.39	21.64	21.85		
10	64QAM	1	49	21.32	21.54	21.92		
10	64QAM	25	0	20.36	20.38	20.31	21.5	3
10	64QAM	25	12	20.43	20.51	20.29		
10	64QAM	25	25	20.47	20.33	20.44		
10	64QAM	50	0	20.46	20.40	20.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.33	23.30	23.35	24.5	0
5	QPSK	1	12	23.43	23.31	23.42		
5	QPSK	1	24	23.41	23.43	23.37		
5	QPSK	12	0	22.47	22.36	22.35	23.5	1
5	QPSK	12	7	22.45	22.45	22.47		
5	QPSK	12	13	22.34	22.36	22.43		
5	QPSK	25	0	22.44	22.38	22.47		
5	16QAM	1	0	22.72	22.73	22.81	23.5	1
5	16QAM	1	12	22.76	22.75	22.93		
5	16QAM	1	24	22.33	22.95	23.00		
5	16QAM	12	0	21.51	21.46	21.42	22.5	2
5	16QAM	12	7	21.53	21.57	21.62		
5	16QAM	12	13	21.53	21.38	21.40		
5	16QAM	25	0	21.52	21.40	21.56		
5	64QAM	1	0	21.96	21.88	21.79	22.5	2
5	64QAM	1	12	21.58	21.53	21.79		
5	64QAM	1	24	21.37	21.28	21.55		
5	64QAM	12	0	20.49	20.39	20.45	21.5	3
5	64QAM	12	7	20.50	20.41	20.48		
5	64QAM	12	13	20.53	20.48	20.48		
5	64QAM	25	0	20.51	20.44	20.42		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.32	23.30	23.31	24.5	0
3	QPSK	1	8	23.36	23.41	23.42		
3	QPSK	1	14	23.29	23.19	23.41		
3	QPSK	8	0	22.36	22.26	22.28	23.5	1
3	QPSK	8	4	22.39	22.46	22.44		
3	QPSK	8	7	22.35	22.39	22.41		
3	QPSK	15	0	22.37	22.35	22.40		
3	16QAM	1	0	22.78	22.58	22.51	23.5	1
3	16QAM	1	8	22.72	22.72	22.32		
3	16QAM	1	14	22.90	22.78	22.63		
3	16QAM	8	0	21.41	21.38	21.41	22.5	2
3	16QAM	8	4	21.64	21.49	21.53		
3	16QAM	8	7	21.41	21.55	21.37		
3	16QAM	15	0	21.49	21.40	21.39		
3	64QAM	1	0	21.80	21.70	21.69	22.5	2
3	64QAM	1	8	21.60	21.45	21.55		
3	64QAM	1	14	21.53	21.32	21.14		
3	64QAM	8	0	20.31	20.50	20.39	21.5	3
3	64QAM	8	4	20.47	20.40	20.51		
3	64QAM	8	7	20.30	20.34	20.48		
3	64QAM	15	0	20.57	20.44	20.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.40	23.41	23.23	24.5	0
1.4	QPSK	1	3	23.31	23.24	23.41		
1.4	QPSK	1	5	23.42	23.25	23.35		
1.4	QPSK	3	0	23.40	23.35	23.43		
1.4	QPSK	3	1	23.33	23.40	23.42		
1.4	QPSK	3	3	23.29	23.28	23.40		
1.4	QPSK	6	0	22.37	22.40	22.39	23.5	1
1.4	16QAM	1	0	22.72	22.92	22.58	23.5	1
1.4	16QAM	1	3	23.20	22.77	22.84		
1.4	16QAM	1	5	22.67	22.67	22.77		
1.4	16QAM	3	0	22.41	22.47	22.63		
1.4	16QAM	3	1	22.50	22.50	22.75		
1.4	16QAM	3	3	22.50	22.55	22.54		
1.4	16QAM	6	0	21.46	21.31	21.49	22.5	2
1.4	64QAM	1	0	21.60	21.52	21.24	22.5	2
1.4	64QAM	1	3	21.43	21.67	21.45		
1.4	64QAM	1	5	21.14	21.37	21.02		
1.4	64QAM	3	0	21.36	21.51	21.49		
1.4	64QAM	3	1	21.58	21.69	21.41		
1.4	64QAM	3	3	21.24	21.54	21.73		
1.4	64QAM	6	0	20.45	20.42	20.57	21.5	3

Band 5_Ant 11

BW [MHz]	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	23.70	23.82	23.76	25	0
10	QPSK	1	25	23.58	23.68	23.65		
10	QPSK	1	49	23.66	23.67	23.74		
10	QPSK	25	0	22.73	22.83	22.78	24	1
10	QPSK	25	12	22.80	22.80	22.76		
10	QPSK	25	25	22.81	22.70	22.68		
10	QPSK	50	0	22.71	22.76	22.74		
10	16QAM	1	0	23.07	22.66	23.26	24	1
10	16QAM	1	25	22.92	23.07	23.22		
10	16QAM	1	49	22.81	23.19	22.71		
10	16QAM	25	0	21.72	21.63	21.63	23	2
10	16QAM	25	12	21.84	21.68	21.79		
10	16QAM	25	25	21.71	21.62	21.73		
10	16QAM	50	0	21.73	21.65	21.74		
10	64QAM	1	0	22.09	22.13	22.09	23	2
10	64QAM	1	25	22.09	22.06	21.98		
10	64QAM	1	49	21.90	22.28	21.59		
10	64QAM	25	0	20.62	20.69	20.60	22	3
10	64QAM	25	12	20.87	20.63	20.68		
10	64QAM	25	25	20.79	20.74	20.76		
10	64QAM	50	0	20.74	20.67	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.59	23.55	23.46	25	0
5	QPSK	1	12	23.79	23.51	23.57		
5	QPSK	1	24	23.67	23.60	23.59		
5	QPSK	12	0	22.68	22.60	22.60	24	1
5	QPSK	12	7	22.70	22.71	22.67		
5	QPSK	12	13	22.78	22.66	22.59		
5	QPSK	25	0	22.75	22.62	22.59		
5	16QAM	1	0	23.24	23.53	22.97	24	1
5	16QAM	1	12	23.17	23.01	22.90		
5	16QAM	1	24	23.16	23.11	22.96		
5	16QAM	12	0	21.70	21.68	21.69	23	2
5	16QAM	12	7	21.77	21.67	21.80		
5	16QAM	12	13	21.83	21.76	21.72		
5	16QAM	25	0	21.71	21.67	21.56		
5	64QAM	1	0	21.79	21.87	21.66	23	2
5	64QAM	1	12	21.87	22.24	21.95		
5	64QAM	1	24	22.20	22.10	21.70		
5	64QAM	12	0	20.78	20.65	20.63	22	3
5	64QAM	12	7	20.82	20.88	20.66		
5	64QAM	12	13	20.91	20.76	20.77		
5	64QAM	25	0	20.68	20.63	20.61		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.50	23.57	23.41	25	0
3	QPSK	1	8	23.62	23.69	23.59		
3	QPSK	1	14	23.56	23.54	23.49		
3	QPSK	8	0	22.68	22.65	22.61	24	1
3	QPSK	8	4	22.76	22.70	22.61		
3	QPSK	8	7	22.68	22.71	22.54		
3	QPSK	15	0	22.62	22.57	22.59		
3	16QAM	1	0	22.98	23.19	23.10	24	1
3	16QAM	1	8	22.88	23.11	22.99		
3	16QAM	1	14	23.01	23.06	22.59		
3	16QAM	8	0	21.90	21.70	21.53	23	2
3	16QAM	8	4	21.80	21.78	21.69		
3	16QAM	8	7	21.86	21.77	21.68		
3	16QAM	15	0	21.75	21.67	21.63		
3	64QAM	1	0	21.78	22.17	22.08	23	2
3	64QAM	1	8	22.03	21.90	21.77		
3	64QAM	1	14	22.04	22.00	21.73		
3	64QAM	8	0	20.89	20.77	20.54	22	3
3	64QAM	8	4	20.78	20.74	20.73		
3	64QAM	8	7	20.66	20.73	20.66		
3	64QAM	15	0	20.64	20.54	20.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.66	23.41	23.64	25	0
1.4	QPSK	1	3	23.61	23.50	23.48		
1.4	QPSK	1	5	23.50	23.43	23.55		
1.4	QPSK	3	0	23.61	23.63	23.63		
1.4	QPSK	3	1	23.61	23.64	23.54		
1.4	QPSK	3	3	23.65	23.67	23.53		
1.4	QPSK	6	0	22.67	22.51	22.50	24	1
1.4	16QAM	1	0	23.18	23.03	22.87	24	1
1.4	16QAM	1	3	23.06	23.19	23.03		
1.4	16QAM	1	5	22.84	23.30	23.03		
1.4	16QAM	3	0	22.88	23.02	22.57		
1.4	16QAM	3	1	22.90	22.62	22.60		
1.4	16QAM	3	3	22.78	22.96	22.78		
1.4	16QAM	6	0	21.86	21.65	21.70	23	2
1.4	64QAM	1	0	21.88	21.94	21.89	23	2
1.4	64QAM	1	3	21.94	21.83	21.68		
1.4	64QAM	1	5	22.18	21.89	21.76		
1.4	64QAM	3	0	21.79	21.76	21.75		
1.4	64QAM	3	1	21.83	21.93	21.73		
1.4	64QAM	3	3	21.64	21.78	21.59		
1.4	64QAM	6	0	20.80	20.63	20.64	22	3

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.13	23.35	23.24	24	0
20	QPSK	1	49	23.11	23.22	23.19		
20	QPSK	1	99	23.10	23.20	23.13		
20	QPSK	50	0	22.28	22.48	22.36	23	1
20	QPSK	50	24	22.26	22.38	22.34		
20	QPSK	50	50	22.25	22.46	22.34		
20	QPSK	100	0	22.23	22.38	22.29		
20	16QAM	1	0	22.21	22.58	22.50	23	1
20	16QAM	1	49	22.52	22.62	22.50		
20	16QAM	1	99	22.42	22.57	22.46		
20	16QAM	50	0	21.35	21.58	21.53	22	2
20	16QAM	50	24	21.47	21.61	21.51		
20	16QAM	50	50	21.45	21.68	21.53		
20	16QAM	100	0	21.45	21.60	21.50		
20	64QAM	1	0	21.45	21.55	21.62	22	2
20	64QAM	1	49	21.49	21.85	21.75		
20	64QAM	1	99	21.70	21.77	21.71		
20	64QAM	50	0	20.34	20.56	20.52	21	3
20	64QAM	50	24	20.47	20.59	20.50		
20	64QAM	50	50	20.48	20.66	20.52		
20	64QAM	100	0	20.44	20.59	20.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.02	23.24	23.18	24	0
15	QPSK	1	37	23.18	23.31	23.24		
15	QPSK	1	74	23.13	23.32	23.18		
15	QPSK	36	0	22.13	22.33	22.30	23	1
15	QPSK	36	20	22.25	22.38	22.28		
15	QPSK	36	39	22.26	22.47	22.33		
15	QPSK	75	0	22.27	22.37	22.27		
15	16QAM	1	0	22.32	22.42	22.56	23	1
15	16QAM	1	37	22.38	22.56	22.52		
15	16QAM	1	74	22.39	22.63	22.45		
15	16QAM	36	0	21.39	21.58	21.48	22	2
15	16QAM	36	20	21.47	21.61	21.51		
15	16QAM	36	39	21.47	21.64	21.55		
15	16QAM	75	0	21.48	21.59	21.50		
15	64QAM	1	0	21.41	21.59	21.62	22	2
15	64QAM	1	37	21.41	21.74	21.64		
15	64QAM	1	74	21.51	21.72	21.65		
15	64QAM	36	0	20.35	20.57	20.50	21	3
15	64QAM	36	20	20.46	20.57	20.49		
15	64QAM	36	39	20.47	20.67	20.51		
15	64QAM	75	0	20.44	20.61	20.49		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.32	23.32	24	0
10	QPSK	1	25	23.31	23.30	23.34		
10	QPSK	1	49	23.27	23.28	23.30		
10	QPSK	25	0	22.21	22.52	22.41	23	1
10	QPSK	25	12	22.37	22.52	22.42		
10	QPSK	25	25	22.38	22.59	22.46		
10	QPSK	50	0	22.34	22.50	22.49		
10	16QAM	1	0	22.44	22.66	22.73	23	1
10	16QAM	1	25	22.61	22.78	22.67		
10	16QAM	1	49	22.71	22.76	22.62		
10	16QAM	25	0	21.46	21.69	21.62	22	2
10	16QAM	25	12	21.61	21.77	21.66		
10	16QAM	25	25	21.59	21.84	21.68		
10	16QAM	50	0	21.54	21.72	21.68		
10	64QAM	1	0	21.45	21.75	21.86	22	2
10	64QAM	1	25	21.66	21.73	21.74		
10	64QAM	1	49	21.52	21.86	21.73		
10	64QAM	25	0	20.43	20.73	20.62	21	3
10	64QAM	25	12	20.58	20.72	20.59		
10	64QAM	25	25	20.58	20.82	20.65		
10	64QAM	50	0	20.55	20.72	20.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.23	23.34	23.12	24	0
5	QPSK	1	12	23.33	23.32	23.31		
5	QPSK	1	24	23.34	23.32	23.31		
5	QPSK	12	0	22.27	22.42	22.24	23	1
5	QPSK	12	7	22.33	22.55	22.54		
5	QPSK	12	13	22.41	22.65	22.50		
5	QPSK	25	0	22.35	22.50	22.50		
5	16QAM	1	0	22.71	22.80	22.59	23	1
5	16QAM	1	12	22.44	22.72	22.66		
5	16QAM	1	24	22.45	22.55	22.66		
5	16QAM	12	0	21.25	21.48	21.46	22	2
5	16QAM	12	7	21.36	21.51	21.64		
5	16QAM	12	13	21.44	21.72	21.67		
5	16QAM	25	0	21.30	21.48	21.48		
5	64QAM	1	0	21.73	21.74	21.97	22	2
5	64QAM	1	12	21.70	21.76	21.50		
5	64QAM	1	24	21.71	21.76	21.98		
5	64QAM	12	0	20.57	20.56	20.64	21	3
5	64QAM	12	7	20.63	20.74	20.69		
5	64QAM	12	13	20.70	20.69	20.67		
5	64QAM	25	0	20.50	20.63	20.62		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.85	23.02	22.93	24	0
20	QPSK	1	49	22.65	22.74	22.70		
20	QPSK	1	99	22.67	22.79	22.83		
20	QPSK	50	0	21.99	22.15	22.02	23	1
20	QPSK	50	24	21.89	22.04	21.97		
20	QPSK	50	50	21.74	22.00	21.96		
20	QPSK	100	0	21.83	22.06	21.98		
20	16QAM	1	0	22.05	22.50	22.36	23	1
20	16QAM	1	49	22.41	22.72	22.64		
20	16QAM	1	99	22.59	22.69	22.53		
20	16QAM	50	0	21.14	21.37	21.28	22	2
20	16QAM	50	24	21.29	21.34	21.45		
20	16QAM	50	50	21.38	21.49	21.49		
20	16QAM	100	0	21.26	21.42	21.46		
20	64QAM	1	0	21.35	21.39	21.26	22	2
20	64QAM	1	49	21.38	21.65	21.52		
20	64QAM	1	99	21.36	21.86	21.45		
20	64QAM	50	0	20.23	20.46	20.30	21	3
20	64QAM	50	24	20.26	20.31	20.44		
20	64QAM	50	50	20.21	20.41	20.51		
20	64QAM	100	0	20.19	20.40	20.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.55	22.79	22.71	24	0
15	QPSK	1	37	22.78	22.95	22.74		
15	QPSK	1	74	22.71	22.79	22.71		
15	QPSK	36	0	21.75	21.96	21.91	23	1
15	QPSK	36	20	21.75	21.92	22.04		
15	QPSK	36	39	21.82	21.99	22.04		
15	QPSK	75	0	21.81	21.94	22.02		
15	16QAM	1	0	22.54	22.77	22.14	23	1
15	16QAM	1	37	22.66	22.51	22.30		
15	16QAM	1	74	22.54	22.54	22.57		
15	16QAM	36	0	21.13	21.29	21.41	22	2
15	16QAM	36	20	21.29	21.33	21.46		
15	16QAM	36	39	21.30	21.38	21.43		
15	16QAM	75	0	21.29	21.34	21.41		
15	64QAM	1	0	21.44	21.50	21.43	22	2
15	64QAM	1	37	21.62	21.20	21.55		
15	64QAM	1	74	21.05	21.53	21.65		
15	64QAM	36	0	20.19	20.28	20.40	21	3
15	64QAM	36	20	20.24	20.28	20.39		
15	64QAM	36	39	20.32	20.35	20.46		
15	64QAM	75	0	20.26	20.39	20.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.73	22.89	22.99	24	0
10	QPSK	1	25	22.95	22.96	23.00		
10	QPSK	1	49	22.93	23.00	23.01		
10	QPSK	25	0	21.87	21.98	22.10	23	1
10	QPSK	25	12	21.94	22.03	22.15		
10	QPSK	25	25	22.00	22.17	22.03		
10	QPSK	50	0	21.99	21.96	22.10		
10	16QAM	1	0	22.25	22.84	22.91	23	1
10	16QAM	1	25	22.95	22.77	22.92		
10	16QAM	1	49	22.89	22.23	22.72		
10	16QAM	25	0	21.36	21.33	21.47	22	2
10	16QAM	25	12	21.30	21.36	21.60		
10	16QAM	25	25	21.37	21.46	21.45		
10	16QAM	50	0	21.35	21.42	21.55		
10	64QAM	1	0	21.43	21.54	21.31	22	2
10	64QAM	1	25	21.69	21.55	21.82		
10	64QAM	1	49	21.35	21.74	21.61		
10	64QAM	25	0	20.27	20.33	20.38	21	3
10	64QAM	25	12	20.45	20.49	20.59		
10	64QAM	25	25	20.37	20.61	20.51		
10	64QAM	50	0	20.47	20.35	20.53		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.80	22.94	22.86	24	0
5	QPSK	1	12	22.86	23.01	23.01		
5	QPSK	1	24	22.85	23.01	22.90		
5	QPSK	12	0	21.82	21.94	21.95	23	1
5	QPSK	12	7	21.93	22.06	22.20		
5	QPSK	12	13	21.97	22.18	22.10		
5	QPSK	25	0	21.93	21.95	22.09		
5	16QAM	1	0	22.66	22.76	22.68	23	1
5	16QAM	1	12	22.76	22.97	22.93		
5	16QAM	1	24	22.82	22.64	23.00		
5	16QAM	12	0	21.21	21.27	21.46	22	2
5	16QAM	12	7	21.37	21.60	21.75		
5	16QAM	12	13	21.44	21.62	21.69		
5	16QAM	25	0	21.46	21.45	21.41		
5	64QAM	1	0	21.53	21.93	21.77	22	2
5	64QAM	1	12	21.50	21.50	21.89		
5	64QAM	1	24	21.58	21.45	21.77		
5	64QAM	12	0	20.35	20.34	20.41	21	3
5	64QAM	12	7	20.50	20.41	20.61		
5	64QAM	12	13	20.33	20.58	20.63		
5	64QAM	25	0	20.34	20.44	20.50		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.45	23.56	23.36	24.5	0
20	QPSK	1	49	23.32	23.24	23.23		
20	QPSK	1	99	23.25	22.95	23.00		
20	QPSK	50	0	22.21	22.32	22.09	23.5	1
20	QPSK	50	24	22.09	22.10	22.07		
20	QPSK	50	50	22.03	22.09	21.97		
20	QPSK	100	0	22.12	22.23	22.01		
20	16QAM	1	0	22.80	22.81	22.96	23.5	1
20	16QAM	1	49	22.48	22.85	22.65		
20	16QAM	1	99	22.90	22.29	22.64		
20	16QAM	50	0	21.51	21.43	21.24	22.5	2
20	16QAM	50	24	21.48	21.28	21.28		
20	16QAM	50	50	21.48	21.24	21.29		
20	16QAM	100	0	21.48	21.33	21.38		
20	64QAM	1	0	21.53	21.85	21.66	22.5	2
20	64QAM	1	49	21.53	21.53	21.47		
20	64QAM	1	99	21.71	21.22	21.41		
20	64QAM	50	0	20.51	20.40	20.22	21.5	3
20	64QAM	50	24	20.52	20.44	20.26		
20	64QAM	50	50	20.45	20.44	20.27		
20	64QAM	100	0	20.40	20.38	20.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.29	23.20	23.11	24.5	0
15	QPSK	1	37	23.30	23.36	22.95		
15	QPSK	1	74	23.15	22.93	22.95		
15	QPSK	36	0	22.29	22.22	22.11	23.5	1
15	QPSK	36	20	22.25	22.16	22.05		
15	QPSK	36	39	22.31	22.13	22.10		
15	QPSK	75	0	22.28	22.13	22.05		
15	16QAM	1	0	22.63	22.82	22.79	23.5	1
15	16QAM	1	37	22.80	22.50	22.44		
15	16QAM	1	74	22.72	22.49	22.14		
15	16QAM	36	0	21.51	21.39	21.30	22.5	2
15	16QAM	36	20	21.46	21.45	21.28		
15	16QAM	36	39	21.43	21.43	21.31		
15	16QAM	75	0	21.52	21.44	21.27		
15	64QAM	1	0	21.79	21.64	21.12	22.5	2
15	64QAM	1	37	21.74	21.63	21.41		
15	64QAM	1	74	21.26	21.54	21.41		
15	64QAM	36	0	20.41	20.49	20.42	21.5	3
15	64QAM	36	20	20.54	20.45	20.25		
15	64QAM	36	39	20.46	20.40	20.36		
15	64QAM	75	0	20.47	20.37	20.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.18	23.36	23.05	24.5	0
10	QPSK	1	25	23.24	23.17	23.12		
10	QPSK	1	49	23.23	23.12	23.07		
10	QPSK	25	0	22.47	22.32	22.15	23.5	1
10	QPSK	25	12	22.50	22.34	22.16		
10	QPSK	25	25	22.30	22.33	22.23		
10	QPSK	50	0	22.43	22.18	22.18		
10	16QAM	1	0	22.87	22.77	22.63	23.5	1
10	16QAM	1	25	23.19	23.16	22.77		
10	16QAM	1	49	22.51	23.03	22.72		
10	16QAM	25	0	21.60	21.54	21.47	22.5	2
10	16QAM	25	12	21.60	21.65	21.39		
10	16QAM	25	25	21.47	21.53	21.43		
10	16QAM	50	0	21.74	21.53	21.35		
10	64QAM	1	0	21.90	21.89	21.31	22.5	2
10	64QAM	1	25	21.65	21.95	21.64		
10	64QAM	1	49	21.80	21.39	21.46		
10	64QAM	25	0	20.65	20.58	20.30	21.5	3
10	64QAM	25	12	20.58	20.63	20.42		
10	64QAM	25	25	20.66	20.44	20.46		
10	64QAM	50	0	20.63	20.45	20.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.23	24.5	0
5	QPSK	1	12	23.32	23.27	23.21		
5	QPSK	1	24	23.25	23.26	23.22		
5	QPSK	12	0	22.43	22.32	22.27	23.5	1
5	QPSK	12	7	22.29	22.38	22.25		
5	QPSK	12	13	22.41	22.33	22.26		
5	QPSK	25	0	22.38	22.33	22.23		
5	16QAM	1	0	22.95	22.92	22.91	23.5	1
5	16QAM	1	12	22.83	22.65	22.49		
5	16QAM	1	24	23.06	22.96	22.69		
5	16QAM	12	0	21.57	21.54	21.45	22.5	2
5	16QAM	12	7	21.69	21.61	21.38		
5	16QAM	12	13	21.54	21.60	21.44		
5	16QAM	25	0	21.52	21.58	21.46		
5	64QAM	1	0	21.72	21.25	21.64	22.5	2
5	64QAM	1	12	21.55	21.33	21.56		
5	64QAM	1	24	21.56	21.45	21.26		
5	64QAM	12	0	20.59	20.55	20.45	21.5	3
5	64QAM	12	7	20.73	20.58	20.48		
5	64QAM	12	13	20.66	20.56	20.41		
5	64QAM	25	0	20.62	20.51	20.48		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.31	23.38	23.18	24.5	0
3	QPSK	1	8	23.19	23.19	23.05		
3	QPSK	1	14	23.13	23.17	23.17		
3	QPSK	8	0	22.33	22.22	22.17	23.5	1
3	QPSK	8	4	22.18	22.26	22.16		
3	QPSK	8	7	22.29	22.21	22.20		
3	QPSK	15	0	22.27	22.17	22.17		
3	16QAM	1	0	22.89	22.83	22.85	23.5	1
3	16QAM	1	8	22.92	22.50	22.36		
3	16QAM	1	14	22.98	22.93	22.62		
3	16QAM	8	0	21.50	21.39	21.37	22.5	2
3	16QAM	8	4	21.63	21.51	21.33		
3	16QAM	8	7	21.38	21.48	21.31		
3	16QAM	15	0	21.45	21.43	21.33		
3	64QAM	1	0	21.65	21.16	21.52	22.5	2
3	64QAM	1	8	21.39	21.28	21.63		
3	64QAM	1	14	21.65	21.30	21.12		
3	64QAM	8	0	20.43	20.47	20.31	21.5	3
3	64QAM	8	4	20.64	20.47	20.35		
3	64QAM	8	7	20.53	20.41	20.28		
3	64QAM	15	0	20.56	20.35	20.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.16	23.31	23.09	24.5	0
1.4	QPSK	1	3	23.06	23.09	23.00		
1.4	QPSK	1	5	23.07	23.08	23.10		
1.4	QPSK	3	0	23.17	23.11	23.07		
1.4	QPSK	3	1	23.06	23.13	23.03		
1.4	QPSK	3	3	23.23	23.08	23.10		
1.4	QPSK	6	0	22.22	22.12	22.07	23.5	1
1.4	16QAM	1	0	22.82	22.67	22.72	23.5	1
1.4	16QAM	1	3	22.82	22.40	22.29		
1.4	16QAM	1	5	22.88	22.53	22.50		
1.4	16QAM	3	0	22.45	22.26	22.24		
1.4	16QAM	3	1	22.49	22.44	22.24		
1.4	16QAM	3	3	22.26	22.39	22.19		
1.4	16QAM	6	0	21.31	21.36	21.27	22.5	2
1.4	64QAM	1	0	21.56	21.00	21.36	22.5	2
1.4	64QAM	1	3	21.27	21.20	21.32		
1.4	64QAM	1	5	21.52	21.18	21.04		
1.4	64QAM	3	0	21.30	21.42	21.25		
1.4	64QAM	3	1	21.53	21.42	21.20		
1.4	64QAM	3	3	21.40	21.28	21.23		
1.4	64QAM	6	0	20.48	20.28	20.26	21.5	3

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.84	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.57	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.62		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	24	1
1.4	16QAM	1	0	22.72	22.65	22.88	24	1
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	23	2
1.4	64QAM	1	0	21.75	21.63	21.62	23	2
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	22	3

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.61	23.65	23.58	24.5	0
20	QPSK	1	49	23.44	23.58	23.37		
20	QPSK	1	99	23.39	23.29	23.21		
20	QPSK	50	0	22.45	22.48	22.43	23.5	1
20	QPSK	50	24	22.37	22.42	22.27		
20	QPSK	50	50	22.40	22.39	22.27		
20	QPSK	100	0	22.21	22.29	22.12		
20	16QAM	1	0	22.63	22.79	22.56	23.5	1
20	16QAM	1	49	22.46	22.88	22.65		
20	16QAM	1	99	22.76	22.73	22.52		
20	16QAM	50	0	21.37	21.59	21.34	22.5	2
20	16QAM	50	24	21.52	21.35	21.28		
20	16QAM	50	50	21.34	21.39	21.25		
20	16QAM	100	0	21.43	21.30	21.39		
20	64QAM	1	0	21.85	21.72	21.74	22.5	2
20	64QAM	1	49	21.54	21.27	21.64		
20	64QAM	1	99	21.73	21.69	21.51		
20	64QAM	50	0	20.47	20.46	20.39	21.5	3
20	64QAM	50	24	20.48	20.51	20.26		
20	64QAM	50	50	20.35	20.36	20.28		
20	64QAM	100	0	20.46	20.42	20.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.42	23.53	23.23	24.5	0
15	QPSK	1	37	23.45	23.35	23.53		
15	QPSK	1	74	23.32	23.25	23.25		
15	QPSK	36	0	22.34	22.38	22.34	23.5	1
15	QPSK	36	20	22.41	22.42	22.25		
15	QPSK	36	39	22.44	22.44	22.23		
15	QPSK	75	0	22.38	22.36	22.39		
15	16QAM	1	0	22.36	22.71	22.69	23.5	1
15	16QAM	1	37	22.54	22.74	22.72		
15	16QAM	1	74	22.59	22.50	22.77		
15	16QAM	36	0	21.48	21.46	21.22	22.5	2
15	16QAM	36	20	21.46	21.44	21.26		
15	16QAM	36	39	21.43	21.43	21.23		
15	16QAM	75	0	21.47	21.40	21.22		
15	64QAM	1	0	21.55	21.99	21.70	22.5	2
15	64QAM	1	37	21.78	21.60	21.34		
15	64QAM	1	74	21.76	21.46	21.36		
15	64QAM	36	0	20.38	20.60	20.40	21.5	3
15	64QAM	36	20	20.47	20.55	20.29		
15	64QAM	36	39	20.45	20.42	20.22		
15	64QAM	75	0	20.45	20.43	20.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.41	23.57	23.32	24.5	0
10	QPSK	1	25	23.39	23.56	23.35		
10	QPSK	1	49	23.50	23.44	23.26		
10	QPSK	25	0	22.53	22.56	22.41	23.5	1
10	QPSK	25	12	22.48	22.55	22.41		
10	QPSK	25	25	22.48	22.58	22.39		
10	QPSK	50	0	22.51	22.49	22.35		
10	16QAM	1	0	22.75	22.54	23.07	23.5	1
10	16QAM	1	25	23.08	23.01	22.80		
10	16QAM	1	49	22.63	23.02	22.59		
10	16QAM	25	0	21.58	21.51	21.41	22.5	2
10	16QAM	25	12	21.48	21.62	21.34		
10	16QAM	25	25	21.53	21.59	21.30		
10	16QAM	50	0	21.47	21.50	21.30		
10	64QAM	1	0	21.41	21.97	21.95	22.5	2
10	64QAM	1	25	21.82	21.81	21.43		
10	64QAM	1	49	21.45	21.93	21.35		
10	64QAM	25	0	20.51	20.61	20.45	21.5	3
10	64QAM	25	12	20.57	20.62	20.29		
10	64QAM	25	25	20.52	20.52	20.36		
10	64QAM	50	0	20.53	20.42	20.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.53	23.44	23.41	24.5	0
5	QPSK	1	12	23.46	23.60	23.28		
5	QPSK	1	24	23.58	23.50	23.25		
5	QPSK	12	0	22.50	22.53	22.29	23.5	1
5	QPSK	12	7	22.57	22.53	22.33		
5	QPSK	12	13	22.45	22.64	22.34		
5	QPSK	25	0	22.41	22.47	22.34		
5	16QAM	1	0	22.37	22.90	22.56	23.5	1
5	16QAM	1	12	22.77	22.81	22.30		
5	16QAM	1	24	22.53	22.81	22.80		
5	16QAM	12	0	21.55	21.57	21.39	22.5	2
5	16QAM	12	7	21.56	21.67	21.43		
5	16QAM	12	13	21.46	21.51	21.37		
5	16QAM	25	0	21.51	21.49	21.34		
5	64QAM	1	0	21.79	21.73	21.06	22.5	2
5	64QAM	1	12	21.52	21.58	21.73		
5	64QAM	1	24	21.55	21.74	21.66		
5	64QAM	12	0	20.57	20.55	20.37	21.5	3
5	64QAM	12	7	20.54	20.68	20.31		
5	64QAM	12	13	20.43	20.52	20.42		
5	64QAM	25	0	20.47	20.45	20.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.37	23.61	23.28	24.5	0
3	QPSK	1	8	23.49	23.50	23.25		
3	QPSK	1	14	23.40	23.56	23.06		
3	QPSK	8	0	22.47	22.56	22.40	23.5	1
3	QPSK	8	4	22.44	22.57	22.38		
3	QPSK	8	7	22.43	22.53	22.38		
3	QPSK	15	0	22.42	22.53	22.31		
3	16QAM	1	0	22.93	22.56	22.69	23.5	1
3	16QAM	1	8	22.80	22.41	22.38		
3	16QAM	1	14	22.61	22.62	22.61		
3	16QAM	8	0	21.48	21.60	21.44	22.5	2
3	16QAM	8	4	21.58	21.67	21.36		
3	16QAM	8	7	21.64	21.65	21.45		
3	16QAM	15	0	21.46	21.52	21.31		
3	64QAM	1	0	21.59	21.70	21.66	22.5	2
3	64QAM	1	8	21.44	21.85	21.85		
3	64QAM	1	14	21.62	21.93	21.69		
3	64QAM	8	0	20.66	20.50	20.34	21.5	3
3	64QAM	8	4	20.69	20.66	20.28		
3	64QAM	8	7	20.47	20.60	20.22		
3	64QAM	15	0	20.42	20.56	20.45		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.44	23.40	23.40	24.5	0
1.4	QPSK	1	3	23.44	23.60	23.19		
1.4	QPSK	1	5	23.35	23.61	23.30		
1.4	QPSK	3	0	23.50	23.38	23.39		
1.4	QPSK	3	1	23.34	23.52	23.35		
1.4	QPSK	3	3	23.56	23.48	23.35		
1.4	QPSK	6	0	22.43	22.51	22.36	23.5	1
1.4	16QAM	1	0	22.78	22.96	22.68	23.5	1
1.4	16QAM	1	3	22.84	23.03	22.81		
1.4	16QAM	1	5	22.72	22.85	22.51		
1.4	16QAM	3	0	22.82	22.70	22.51		
1.4	16QAM	3	1	22.55	22.60	22.65		
1.4	16QAM	3	3	22.70	22.83	22.59		
1.4	16QAM	6	0	21.45	21.54	21.33	22.5	2
1.4	64QAM	1	0	21.53	21.98	21.41	22.5	2
1.4	64QAM	1	3	21.68	21.52	21.52		
1.4	64QAM	1	5	21.74	21.52	21.68		
1.4	64QAM	3	0	21.72	21.59	21.61		
1.4	64QAM	3	1	21.44	21.86	21.45		
1.4	64QAM	3	3	21.58	21.70	21.53		
1.4	64QAM	6	0	20.44	20.35	20.34	21.5	3

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.25	23.34	23.31	24.2	0
20	QPSK	1	49	23.21	23.32	23.28		
20	QPSK	1	99	23.12	23.28	23.21		
20	QPSK	50	0	22.37	22.39	22.35	23.2	1
20	QPSK	50	24	22.21	22.28	22.32		
20	QPSK	50	50	22.32	22.31	22.28		
20	QPSK	100	0	22.25	22.30	22.26		
20	16QAM	1	0	22.21	22.22	22.23	23.2	1
20	16QAM	1	49	22.27	22.38	22.31		
20	16QAM	1	99	22.56	22.31	22.10		
20	16QAM	50	0	21.39	21.34	21.33	22.2	2
20	16QAM	50	24	21.39	21.44	21.50		
20	16QAM	50	50	21.49	21.44	21.56		
20	16QAM	100	0	21.28	21.42	21.56		
20	64QAM	1	0	21.65	21.49	21.28	22.2	2
20	64QAM	1	49	21.66	21.20	21.14		
20	64QAM	1	99	21.23	21.29	21.59		
20	64QAM	50	0	20.31	20.32	20.40	21.2	3
20	64QAM	50	24	20.53	20.39	20.59		
20	64QAM	50	50	20.47	20.47	20.51		
20	64QAM	100	0	20.33	20.28	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.12	23.06	23.00	24.2	0
15	QPSK	1	37	23.27	23.32	23.19		
15	QPSK	1	74	23.20	23.14	23.08		
15	QPSK	36	0	22.23	22.10	22.24	23.2	1
15	QPSK	36	20	22.22	22.27	22.31		
15	QPSK	36	39	22.31	22.26	22.28		
15	QPSK	75	0	22.21	22.21	22.24		
15	16QAM	1	0	22.04	22.21	22.01	23.2	1
15	16QAM	1	37	22.30	22.30	22.46		
15	16QAM	1	74	22.63	22.02	22.27		
15	16QAM	36	0	21.36	21.44	21.27	22.2	2
15	16QAM	36	20	21.37	21.40	21.58		
15	16QAM	36	39	21.44	21.40	21.32		
15	16QAM	75	0	21.36	21.35	21.39		
15	64QAM	1	0	21.35	21.43	21.41	22.2	2
15	64QAM	1	37	21.66	21.02	21.21		
15	64QAM	1	74	21.05	21.15	21.43		
15	64QAM	36	0	20.34	20.34	20.44	21.2	3
15	64QAM	36	20	20.48	20.36	20.46		
15	64QAM	36	39	20.47	20.43	20.46		
15	64QAM	75	0	20.37	20.33	20.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.20	23.22	24.2	0
10	QPSK	1	25	23.22	23.31	23.21		
10	QPSK	1	49	23.26	23.21	23.32		
10	QPSK	25	0	22.27	22.32	22.31	23.2	1
10	QPSK	25	12	22.15	22.29	22.36		
10	QPSK	25	25	22.30	22.37	22.41		
10	QPSK	50	0	22.19	22.35	22.40		
10	16QAM	1	0	22.32	22.11	22.49	23.2	1
10	16QAM	1	25	22.29	22.43	22.17		
10	16QAM	1	49	22.60	22.70	22.48		
10	16QAM	25	0	21.39	21.46	21.42	22.2	2
10	16QAM	25	12	21.40	21.48	21.62		
10	16QAM	25	25	21.48	21.60	21.61		
10	16QAM	50	0	21.34	21.42	21.58		
10	64QAM	1	0	21.73	21.79	21.24	22.2	2
10	64QAM	1	25	21.63	21.73	21.40		
10	64QAM	1	49	21.18	21.12	21.13		
10	64QAM	25	0	20.32	20.40	20.50	21.2	3
10	64QAM	25	12	20.45	20.58	20.64		
10	64QAM	25	25	20.41	20.56	20.64		
10	64QAM	50	0	20.42	20.49	20.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.32	23.27	23.21	24.2	0
5	QPSK	1	12	23.31	23.28	23.30		
5	QPSK	1	24	23.29	23.26	23.25		
5	QPSK	12	0	22.41	22.26	22.33	23.2	1
5	QPSK	12	7	22.53	22.23	22.40		
5	QPSK	12	13	22.42	22.37	22.43		
5	QPSK	25	0	22.42	22.25	22.32		
5	16QAM	1	0	22.29	22.38	22.11	23.2	1
5	16QAM	1	12	22.44	22.28	22.53		
5	16QAM	1	24	22.47	22.56	22.24		
5	16QAM	12	0	21.55	21.39	21.48	22.2	2
5	16QAM	12	7	21.70	21.57	21.74		
5	16QAM	12	13	21.59	21.54	21.54		
5	16QAM	25	0	21.54	21.41	21.46		
5	64QAM	1	0	21.16	21.62	21.28	22.2	2
5	64QAM	1	12	21.74	21.56	21.68		
5	64QAM	1	24	21.48	21.25	21.56		
5	64QAM	12	0	20.60	20.54	20.55	21.2	3
5	64QAM	12	7	20.64	20.55	20.64		
5	64QAM	12	13	20.63	20.51	20.54		
5	64QAM	25	0	20.57	20.48	20.54		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.21	23.37	23.19	24.5	0
20	QPSK	1	49	23.21	23.11	23.20		
20	QPSK	1	99	23.19	23.21	23.06		
20	QPSK	50	0	22.33	22.48	22.33	23.5	1
20	QPSK	50	24	22.29	22.32	22.24		
20	QPSK	50	50	22.30	22.27	22.32		
20	QPSK	100	0	22.22	22.33	22.26		
20	16QAM	1	0	22.55	22.32	22.65	23.5	1
20	16QAM	1	49	22.60	22.29	22.62		
20	16QAM	1	99	22.42	22.37	22.65		
20	16QAM	50	0	21.32	21.35	21.44	22.5	2
20	16QAM	50	24	21.41	21.55	21.48		
20	16QAM	50	50	21.48	21.50	21.57		
20	16QAM	100	0	21.44	21.40	21.31		
20	64QAM	1	0	22.32	22.25	22.29	23.5	1
20	64QAM	1	49	22.31	22.48	22.49		
20	64QAM	1	99	22.45	22.45	22.43		
20	64QAM	50	0	21.35	21.47	21.35	22.5	2
20	64QAM	50	24	21.58	21.47	21.52		
20	64QAM	50	50	21.43	21.55	21.50		
20	64QAM	100	0	21.46	21.38	21.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.07	23.07	24.5	0
15	QPSK	1	37	23.18	23.36	23.24		
15	QPSK	1	74	23.21	23.05	23.10		
15	QPSK	36	0	22.10	22.09	22.24	23.5	1
15	QPSK	36	20	22.33	22.20	22.33		
15	QPSK	36	39	22.20	22.27	22.34		
15	QPSK	75	0	22.25	22.22	22.28		
15	16QAM	1	0	22.24	22.33	22.51	23.5	1
15	16QAM	1	37	22.31	22.50	22.23		
15	16QAM	1	74	22.46	22.41	22.35		
15	16QAM	36	0	21.30	21.41	21.43	22.5	2
15	16QAM	36	20	21.52	21.44	21.61		
15	16QAM	36	39	21.56	21.48	21.55		
15	16QAM	75	0	21.48	21.42	21.51		
15	64QAM	1	0	22.26	22.59	22.32	23.5	1
15	64QAM	1	37	22.15	22.40	22.33		
15	64QAM	1	74	22.36	22.15	22.32		
15	64QAM	36	0	21.44	21.32	21.35	22.5	2
15	64QAM	36	20	21.51	21.42	21.58		
15	64QAM	36	39	21.47	21.45	21.53		
15	64QAM	75	0	21.37	21.37	21.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.26	23.35	23.23	24.5	0
10	QPSK	1	25	23.32	23.35	23.36		
10	QPSK	1	49	23.32	23.22	23.31		
10	QPSK	25	0	22.18	22.28	22.31	23.5	1
10	QPSK	25	12	22.33	22.38	22.31		
10	QPSK	25	25	22.33	22.41	22.36		
10	QPSK	50	0	22.39	22.34	22.47		
10	16QAM	1	0	22.48	22.46	22.55	23.5	1
10	16QAM	1	25	22.40	22.54	22.75		
10	16QAM	1	49	22.38	22.63	22.64		
10	16QAM	25	0	21.47	21.54	21.45	22.5	2
10	16QAM	25	12	21.55	21.53	21.51		
10	16QAM	25	25	21.54	21.57	21.67		
10	16QAM	50	0	21.49	21.52	21.50		
10	64QAM	1	0	22.47	22.64	22.45	23.5	1
10	64QAM	1	25	22.41	22.53	22.25		
10	64QAM	1	49	22.17	22.65	22.53		
10	64QAM	25	0	21.35	21.43	21.29	22.5	2
10	64QAM	25	12	21.59	21.54	21.46		
10	64QAM	25	25	21.48	21.55	21.63		
10	64QAM	50	0	21.55	21.47	21.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.19	23.23	23.36	24.5	0
5	QPSK	1	12	23.26	23.26	23.32		
5	QPSK	1	24	23.31	23.20	23.30		
5	QPSK	12	0	22.30	22.29	22.23	23.5	1
5	QPSK	12	7	22.35	22.34	22.29		
5	QPSK	12	13	22.31	22.34	22.38		
5	QPSK	25	0	22.35	22.26	22.30		
5	16QAM	1	0	22.32	22.31	22.32	23.5	1
5	16QAM	1	12	22.45	22.71	22.89		
5	16QAM	1	24	22.47	22.61	22.39		
5	16QAM	12	0	21.60	21.33	21.49	22.5	2
5	16QAM	12	7	21.58	21.56	21.51		
5	16QAM	12	13	21.52	21.57	21.55		
5	16QAM	25	0	21.52	21.48	21.60		
5	64QAM	1	0	22.26	22.63	22.37	23.5	1
5	64QAM	1	12	22.60	22.26	22.36		
5	64QAM	1	24	22.58	22.42	22.35		
5	64QAM	12	0	21.69	21.46	21.49	22.5	2
5	64QAM	12	7	21.51	21.53	21.53		
5	64QAM	12	13	21.50	21.55	21.63		
5	64QAM	25	0	21.46	21.53	21.49		

Band 41_Ant 13

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	23.26	23.38	23.40	23.28	23.31	24	0
20	QPSK	1	49	23.21	23.32	23.35	23.30	23.28		
20	QPSK	1	99	23.21	23.31	23.32	23.28	23.26		
20	QPSK	50	0	22.08	22.23	22.27	22.18	22.12	23	1
20	QPSK	50	24	22.20	22.22	22.03	22.09	21.92		
20	QPSK	50	50	22.15	22.16	22.11	22.05	21.95		
20	QPSK	100	0	22.14	22.25	22.32	22.21	22.19		
20	16QAM	1	0	22.67	22.09	22.17	22.14	22.15	23	1
20	16QAM	1	49	22.41	22.47	22.65	22.40	22.39		
20	16QAM	1	99	22.24	22.48	22.70	22.46	22.05		
20	16QAM	50	0	21.47	21.34	21.36	21.32	21.25	22	2
20	16QAM	50	24	21.52	21.50	21.39	21.39	21.23		
20	16QAM	50	50	21.42	21.61	21.33	21.30	21.28		
20	16QAM	100	0	21.41	21.52	21.31	21.38	21.18		
20	64QAM	1	0	21.09	21.13	21.20	21.10	21.28	22	2
20	64QAM	1	49	21.26	21.03	21.39	21.29	21.46		
20	64QAM	1	99	21.51	21.13	21.21	21.16	21.03		
20	64QAM	50	0	20.27	20.52	20.33	20.26	20.24	21	3
20	64QAM	50	24	20.48	20.50	20.33	20.31	20.29		
20	64QAM	50	50	20.37	20.54	20.35	20.38	20.33		
20	64QAM	100	0	20.47	20.40	20.46	20.31	20.25		
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	23.18	23.33	23.28	23.15	23.17	24	0
15	QPSK	1	37	23.16	23.23	23.23	23.14	23.16		
15	QPSK	1	74	23.12	23.17	23.27	23.13	23.15		
15	QPSK	36	0	22.03	22.15	21.92	21.95	21.94	23	1
15	QPSK	36	20	22.20	22.22	21.99	21.99	21.88		
15	QPSK	36	39	22.10	22.25	22.11	22.02	21.96		
15	QPSK	75	0	22.23	22.29	21.96	21.94	21.98		
15	16QAM	1	0	22.34	22.57	22.57	22.23	22.12	23	1
15	16QAM	1	37	22.31	22.52	22.50	22.49	22.04		
15	16QAM	1	74	22.59	22.45	22.48	22.65	22.09		
15	16QAM	36	0	21.23	21.45	21.35	21.34	21.28	22	2
15	16QAM	36	20	21.55	21.38	21.36	21.28	21.22		
15	16QAM	36	39	21.39	21.59	21.37	21.25	21.42		
15	16QAM	75	0	21.60	21.51	21.30	21.26	21.27		
15	64QAM	1	0	21.38	21.19	21.45	21.23	21.29	22	2
15	64QAM	1	37	21.58	21.49	21.90	21.30	21.65		
15	64QAM	1	74	21.45	21.45	21.33	21.28	21.28		
15	64QAM	36	0	20.35	20.41	20.26	20.30	20.16	21	3
15	64QAM	36	20	20.40	20.50	20.26	20.35	20.24		
15	64QAM	36	39	20.43	20.59	20.44	20.38	20.30		
15	64QAM	75	0	20.42	20.57	20.36	20.27	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.15	23.32	23.24	23.14	23.25	24	0
10	QPSK	1	25	23.14	23.18	23.20	23.22	23.15		
10	QPSK	1	49	23.13	23.16	23.17	23.23	23.20		
10	QPSK	25	0	22.14	22.27	22.21	22.05	22.08	23	1
10	QPSK	25	12	22.29	22.53	22.18	22.22	22.06		
10	QPSK	25	25	22.28	22.46	22.20	22.11	22.11		
10	QPSK	50	0	22.25	22.35	22.12	22.17	22.11		
10	16QAM	1	0	22.35	22.69	22.28	22.43	22.31	23	1
10	16QAM	1	25	22.61	22.55	22.28	22.28	22.28		
10	16QAM	1	49	22.30	22.48	22.53	22.37	22.52		
10	16QAM	25	0	21.56	21.56	21.46	21.35	21.40	22	2
10	16QAM	25	12	21.63	21.68	21.42	21.61	21.44		
10	16QAM	25	25	21.63	21.70	21.59	21.49	21.45		
10	16QAM	50	0	21.56	21.68	21.42	21.58	21.37		
10	64QAM	1	0	21.25	21.32	21.52	21.53	21.46	22	2
10	64QAM	1	25	21.34	21.36	21.35	21.61	21.15		
10	64QAM	1	49	21.79	21.67	21.10	21.27	21.31		
10	64QAM	25	0	20.45	20.56	20.49	20.41	20.45	21	3
10	64QAM	25	12	20.50	20.60	20.45	20.45	20.40		
10	64QAM	25	25	20.41	20.66	20.52	20.46	20.40		
10	64QAM	50	0	20.60	20.58	20.50	20.41	20.30		
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	23.11	23.30	23.26	23.18	23.25	24	0
5	QPSK	1	12	23.12	23.27	23.29	23.18	23.14		
5	QPSK	1	24	23.07	23.17	23.20	23.19	23.17		
5	QPSK	12	0	22.26	22.34	22.15	22.10	22.15	23	1
5	QPSK	12	7	22.33	22.39	22.24	22.15	22.14		
5	QPSK	12	13	22.31	22.31	22.14	22.12	22.09		
5	QPSK	25	0	22.21	22.38	22.14	22.13	22.07		
5	16QAM	1	0	22.26	22.46	22.57	22.28	22.48	23	1
5	16QAM	1	12	22.44	22.90	22.24	22.49	22.46		
5	16QAM	1	24	22.52	22.47	22.52	22.42	22.46		
5	16QAM	12	0	21.61	21.69	21.36	21.49	21.41	22	2
5	16QAM	12	7	21.60	21.61	21.46	21.43	21.48		
5	16QAM	12	13	21.53	21.76	21.65	21.37	21.36		
5	16QAM	25	0	21.44	21.68	21.43	21.29	21.41		
5	64QAM	1	0	21.58	21.50	21.08	21.41	21.42	22	2
5	64QAM	1	12	21.53	21.73	21.49	21.45	21.38		
5	64QAM	1	24	21.52	21.66	21.42	21.34	21.27		
5	64QAM	12	0	20.59	20.60	20.51	20.46	20.40	21	3
5	64QAM	12	7	20.64	20.75	20.54	20.49	20.53		
5	64QAM	12	13	20.70	20.62	20.47	20.41	20.37		
5	64QAM	25	0	20.49	20.66	20.42	20.48	20.39		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.40	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

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	23.28	23.30	23.38	23.18	23.21	24.5	0
20	QPSK	1	49	23.14	23.18	23.21	23.06	23.07		
20	QPSK	1	99	23.16	23.17	23.24	23.10	23.14		
20	QPSK	50	0	22.29	22.23	22.30	22.28	22.23	23.5	1
20	QPSK	50	24	22.23	22.21	22.11	22.27	22.22		
20	QPSK	50	50	22.22	22.19	22.17	22.24	22.17		
20	QPSK	100	0	22.21	22.20	22.23	22.22	22.15		
20	16QAM	1	0	22.03	22.08	22.13	22.08	22.22	23.5	1
20	16QAM	1	49	22.37	22.20	22.23	22.56	22.70		
20	16QAM	1	99	22.20	22.22	22.47	22.32	22.35		
20	16QAM	50	0	21.32	21.17	21.25	21.30	21.33	22.5	2
20	16QAM	50	24	21.39	21.37	21.43	21.40	21.41		
20	16QAM	50	50	21.39	21.24	21.37	21.44	21.49		
20	16QAM	100	0	21.37	21.36	21.38	21.47	21.39		
20	64QAM	1	0	22.10	22.00	22.54	22.47	22.39	23.5	1
20	64QAM	1	49	22.21	22.05	22.17	21.99	22.20		
20	64QAM	1	99	22.14	22.22	22.45	21.94	22.04		
20	64QAM	50	0	21.37	21.17	21.29	21.42	21.29	22.5	2
20	64QAM	50	24	21.44	21.37	21.18	21.48	21.37		
20	64QAM	50	50	21.29	21.41	21.46	21.39	21.44		
20	64QAM	100	0	21.38	21.33	21.32	21.40	21.40		
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	23.23	23.14	23.22	23.11	23.09	24.50	0
15	QPSK	1	37	23.02	23.07	23.11	22.98	22.98		
15	QPSK	1	74	23.04	23.11	23.13	22.95	23.09		
15	QPSK	36	0	21.99	22.12	22.16	22.16	21.99	23.5	1
15	QPSK	36	20	22.08	22.16	22.13	22.10	22.28		
15	QPSK	36	39	22.16	22.15	22.23	22.24	22.21		
15	QPSK	75	0	22.19	22.21	22.15	22.20	22.21		
15	16QAM	1	0	22.43	22.34	22.03	22.34	22.56	23.5	1
15	16QAM	1	37	22.58	22.25	22.34	22.21	22.43		
15	16QAM	1	74	22.53	22.22	22.28	22.44	22.14		
15	16QAM	36	0	21.27	21.29	21.17	21.38	21.36	22.5	2
15	16QAM	36	20	21.42	21.32	21.40	21.36	21.30		
15	16QAM	36	39	21.39	21.42	21.42	21.49	21.35		
15	16QAM	75	0	21.30	21.35	21.36	21.44	21.31		
15	64QAM	1	0	22.15	22.26	22.12	22.35	22.41	23.5	1
15	64QAM	1	37	22.39	22.29	22.22	22.40	22.51		
15	64QAM	1	74	22.26	21.75	21.91	22.40	22.23		
15	64QAM	36	0	21.28	21.29	21.41	21.36	21.39	22.5	2
15	64QAM	36	20	21.48	21.40	21.44	21.37	21.44		
15	64QAM	36	39	21.33	21.40	21.45	21.43	21.46		
15	64QAM	75	0	21.36	21.32	21.34	21.43	21.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.18	23.22	23.21	23.03	23.08	24.50	0
10	QPSK	1	25	23.05	23.02	23.07	22.90	22.99		
10	QPSK	1	49	23.06	23.03	23.17	23.05	23.04		
10	QPSK	25	0	22.29	22.21	22.19	22.22	22.19	23.5	1
10	QPSK	25	12	22.35	22.28	22.26	22.33	22.34		
10	QPSK	25	25	22.32	22.22	22.35	22.30	22.30		
10	QPSK	50	0	22.28	22.28	22.27	22.39	22.32		
10	16QAM	1	0	22.52	22.51	22.46	22.70	22.84	23.5	1
10	16QAM	1	25	22.69	22.51	22.33	22.90	22.75		
10	16QAM	1	49	22.50	22.59	22.35	22.41	22.66		
10	16QAM	25	0	21.39	21.44	21.44	21.55	21.50	22.5	2
10	16QAM	25	12	21.57	21.60	21.39	21.58	21.60		
10	16QAM	25	25	21.38	21.50	21.58	21.47	21.59		
10	16QAM	50	0	21.55	21.50	21.55	21.54	21.56		
10	64QAM	1	0	22.42	22.65	22.12	22.48	22.43	23.5	1
10	64QAM	1	25	22.28	22.58	22.61	22.46	22.43		
10	64QAM	1	49	22.23	22.41	22.13	22.27	22.31		
10	64QAM	25	0	21.30	21.38	21.36	21.31	21.44	22.5	2
10	64QAM	25	12	21.52	21.45	21.39	21.55	21.56		
10	64QAM	25	25	21.43	21.50	21.51	21.56	21.52		
10	64QAM	50	0	21.43	21.43	21.50	21.53	21.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.14	23.19	23.23	23.07	23.16	24.50	0
5	QPSK	1	12	22.99	23.11	23.16	22.98	22.93		
5	QPSK	1	24	23.01	23.04	23.17	22.94	23.07		
5	QPSK	12	0	22.25	22.29	22.21	22.27	22.27	23.5	1
5	QPSK	12	7	22.30	22.29	22.30	22.28	22.35		
5	QPSK	12	13	22.30	22.22	22.26	22.31	22.25		
5	QPSK	25	0	22.31	22.26	22.14	22.27	22.32		
5	16QAM	1	0	22.59	22.30	22.33	22.65	22.48	23.5	1
5	16QAM	1	12	22.62	22.54	22.55	22.72	22.57		
5	16QAM	1	24	22.32	22.32	22.43	22.89	22.55		
5	16QAM	12	0	21.57	21.40	21.52	21.51	21.50	22.5	2
5	16QAM	12	7	21.49	21.39	21.52	21.46	21.60		
5	16QAM	12	13	21.63	21.48	21.37	21.50	21.55		
5	16QAM	25	0	21.54	21.42	21.38	21.49	21.53		
5	64QAM	1	0	22.52	22.23	22.83	22.36	22.58	23.5	1
5	64QAM	1	12	22.55	22.59	22.60	22.52	22.70		
5	64QAM	1	24	22.43	22.24	22.21	22.77	22.37		
5	64QAM	12	0	21.44	21.38	21.46	21.40	21.54	22.5	2
5	64QAM	12	7	21.29	21.42	21.53	21.51	21.54		
5	64QAM	12	13	21.50	21.52	21.42	21.51	21.33		
5	64QAM	25	0	21.53	21.40	21.41	21.24	21.45		

Reduced Power for DSI 2

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.70	12.85	12.78	14	0
20	QPSK	1	49	12.66	12.66	12.69		
20	QPSK	1	99	12.54	12.56	12.60		
20	QPSK	50	0	12.78	12.85	12.71	14	0
20	QPSK	50	24	12.73	12.74	12.70		
20	QPSK	50	50	12.69	12.70	12.70		
20	QPSK	100	0	12.74	12.82	12.68		
20	16QAM	1	0	12.79	12.63	12.72	14	0
20	16QAM	1	49	12.80	12.74	12.78		
20	16QAM	1	99	12.70	12.66	12.70		
20	16QAM	50	0	12.61	12.56	12.52	14	0
20	16QAM	50	24	12.59	12.54	12.50		
20	16QAM	50	50	12.51	12.50	12.53		
20	16QAM	100	0	12.54	12.54	12.47		
20	64QAM	1	0	12.63	12.55	12.63	14	0
20	64QAM	1	49	12.63	12.66	12.62		
20	64QAM	1	99	12.41	12.55	12.56		
20	64QAM	50	0	12.57	12.54	12.51	14	0
20	64QAM	50	24	12.58	12.53	12.47		
20	64QAM	50	50	12.48	12.49	12.50		
20	64QAM	100	0	12.53	12.51	12.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.55	12.77	12.68	14	0
15	QPSK	1	37	12.54	12.60	12.63		
15	QPSK	1	74	12.48	12.50	12.49		
15	QPSK	36	0	12.70	12.70	12.56	14	0
15	QPSK	36	20	12.64	12.65	12.59		
15	QPSK	36	39	12.56	12.61	12.56		
15	QPSK	75	0	12.62	12.73	12.58		
15	16QAM	1	0	12.72	12.54	12.66	14	0
15	16QAM	1	37	12.75	12.59	12.71		
15	16QAM	1	74	12.63	12.50	12.56		
15	16QAM	36	0	12.52	12.50	12.46	14	0
15	16QAM	36	20	12.53	12.49	12.45		
15	16QAM	36	39	12.42	12.40	12.42		
15	16QAM	75	0	12.40	12.43	12.31		
15	64QAM	1	0	12.49	12.47	12.50	14	0
15	64QAM	1	37	12.55	12.53	12.53		
15	64QAM	1	74	12.30	12.50	12.42		
15	64QAM	36	0	12.49	12.49	12.44	14	0
15	64QAM	36	20	12.51	12.45	12.41		
15	64QAM	36	39	12.40	12.44	12.45		
15	64QAM	75	0	12.44	12.46	12.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.58	12.70	12.63	14	0
10	QPSK	1	25	12.50	12.57	12.57		
10	QPSK	1	49	12.47	12.41	12.47		
10	QPSK	25	0	12.70	12.76	12.66	14	0
10	QPSK	25	12	12.58	12.60	12.57		
10	QPSK	25	25	12.59	12.64	12.58		
10	QPSK	50	0	12.69	12.74	12.61		
10	16QAM	1	0	12.70	12.56	12.57	14	0
10	16QAM	1	25	12.68	12.64	12.67		
10	16QAM	1	49	12.54	12.53	12.59		
10	16QAM	25	0	12.54	12.41	12.43	14	0
10	16QAM	25	12	12.43	12.43	12.37		
10	16QAM	25	25	12.41	12.43	12.45		
10	16QAM	50	0	12.47	12.38	12.33		
10	64QAM	1	0	12.58	12.49	12.51	14	0
10	64QAM	1	25	12.48	12.61	12.49		
10	64QAM	1	49	12.28	12.49	12.51		
10	64QAM	25	0	12.41	12.47	12.39	14	0
10	64QAM	25	12	12.52	12.42	12.37		
10	64QAM	25	25	12.43	12.42	12.42		
10	64QAM	50	0	12.44	12.37	12.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.60	12.71	12.68	14	0
5	QPSK	1	12	12.58	12.57	12.58		
5	QPSK	1	24	12.49	12.42	12.51		
5	QPSK	12	0	12.66	12.75	12.64	14	0
5	QPSK	12	7	12.61	12.68	12.62		
5	QPSK	12	13	12.58	12.56	12.55		
5	QPSK	25	0	12.66	12.72	12.63		
5	16QAM	1	0	12.66	12.47	12.63	14	0
5	16QAM	1	12	12.72	12.58	12.63		
5	16QAM	1	24	12.65	12.53	12.59		
5	16QAM	12	0	12.46	12.43	12.47	14	0
5	16QAM	12	7	12.44	12.46	12.45		
5	16QAM	12	13	12.39	12.40	12.45		
5	16QAM	25	0	12.49	12.40	12.34		
5	64QAM	1	0	12.51	12.49	12.55	14	0
5	64QAM	1	12	12.47	12.50	12.50		
5	64QAM	1	24	12.26	12.45	12.51		
5	64QAM	12	0	12.52	12.48	12.39	14	0
5	64QAM	12	7	12.44	12.39	12.33		
5	64QAM	12	13	12.40	12.44	12.37		
5	64QAM	25	0	12.41	12.43	12.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.56	12.80	12.68	14	0
3	QPSK	1	8	12.55	12.53	12.58		
3	QPSK	1	14	12.42	12.47	12.46		
3	QPSK	8	0	12.66	12.71	12.66	14	0
3	QPSK	8	4	12.60	12.62	12.57		
3	QPSK	8	7	12.59	12.58	12.57		
3	QPSK	15	0	12.64	12.75	12.61		
3	16QAM	1	0	12.64	12.53	12.64	14	0
3	16QAM	1	8	12.70	12.64	12.68		
3	16QAM	1	14	12.58	12.58	12.56		
3	16QAM	8	0	12.56	12.43	12.36	14	0
3	16QAM	8	4	12.50	12.46	12.38		
3	16QAM	8	7	12.37	12.41	12.41		
3	16QAM	15	0	12.43	12.42	12.33		
3	64QAM	1	0	12.55	12.48	12.47	14	0
3	64QAM	1	8	12.51	12.56	12.46		
3	64QAM	1	14	12.36	12.40	12.46		
3	64QAM	8	0	12.52	12.48	12.41	14	0
3	64QAM	8	4	12.43	12.37	12.34		
3	64QAM	8	7	12.40	12.42	12.40		
3	64QAM	15	0	12.41	12.43	12.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.54	12.79	12.64	14	0
1.4	QPSK	1	3	12.55	12.58	12.56		
1.4	QPSK	1	5	12.42	12.41	12.54		
1.4	QPSK	3	0	12.70	12.71	12.57		
1.4	QPSK	3	1	12.60	12.68	12.59		
1.4	QPSK	3	3	12.54	12.62	12.58		
1.4	QPSK	6	0	12.66	12.69	12.58	14	0
1.4	16QAM	1	0	12.64	12.51	12.61	14	0
1.4	16QAM	1	3	12.66	12.67	12.64		
1.4	16QAM	1	5	12.63	12.52	12.59		
1.4	16QAM	3	0	12.54	12.49	12.37		
1.4	16QAM	3	1	12.43	12.45	12.40		
1.4	16QAM	3	3	12.43	12.43	12.47		
1.4	16QAM	6	0	12.48	12.45	12.33	14	0
1.4	64QAM	1	0	12.55	12.44	12.56	14	0
1.4	64QAM	1	3	12.50	12.59	12.52		
1.4	64QAM	1	5	12.35	12.45	12.46		
1.4	64QAM	3	0	12.45	12.41	12.43		
1.4	64QAM	3	1	12.48	12.45	12.32		
1.4	64QAM	3	3	12.41	12.36	12.44		
1.4	64QAM	6	0	12.46	12.35	12.38	14	0

Band 2_Ant 31

BW [MHz]	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	23.18	23.35	23.10	24.5	0
20	QPSK	1	49	23.00	23.21	23.00		
20	QPSK	1	99	22.87	23.18	22.83		
20	QPSK	50	0	22.22	22.25	22.13	23.5	1
20	QPSK	50	24	21.91	22.13	21.98		
20	QPSK	50	50	21.86	22.06	21.97		
20	QPSK	100	0	22.11	22.12	22.05		
20	16QAM	1	0	22.11	22.30	22.20	23.5	1
20	16QAM	1	49	21.84	22.33	21.98		
20	16QAM	1	99	22.02	21.96	21.93		
20	16QAM	50	0	21.21	21.07	20.97	22.5	2
20	16QAM	50	24	21.12	21.26	21.20		
20	16QAM	50	50	21.13	21.13	20.90		
20	16QAM	100	0	21.15	21.10	21.21		
20	64QAM	1	0	21.17	21.16	21.19	22.5	2
20	64QAM	1	49	21.10	21.41	21.31		
20	64QAM	1	99	20.95	21.09	21.13		
20	64QAM	50	0	20.25	20.30	20.06	21.5	3
20	64QAM	50	24	20.21	20.19	20.04		
20	64QAM	50	50	20.09	20.24	20.05		
20	64QAM	100	0	20.20	20.26	20.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.01	23.34	22.97	24.5	0
15	QPSK	1	37	22.86	23.28	22.92		
15	QPSK	1	74	22.78	23.18	22.75		
15	QPSK	36	0	22.03	22.16	22.00	23.5	1
15	QPSK	36	20	21.80	22.10	21.91		
15	QPSK	36	39	21.75	22.11	21.91		
15	QPSK	75	0	21.93	22.13	21.87		
15	16QAM	1	0	21.99	22.38	22.12	23.5	1
15	16QAM	1	37	21.80	22.32	21.86		
15	16QAM	1	74	21.90	21.93	21.82		
15	16QAM	36	0	21.10	21.12	20.96	22.5	2
15	16QAM	36	20	21.06	21.29	21.13		
15	16QAM	36	39	21.00	21.12	20.81		
15	16QAM	75	0	21.07	21.10	21.00		
15	64QAM	1	0	21.11	21.17	21.04	22.5	2
15	64QAM	1	37	20.90	21.32	21.26		
15	64QAM	1	74	20.90	21.18	20.93		
15	64QAM	36	0	20.14	20.33	19.98	21.5	3
15	64QAM	36	20	20.15	20.17	19.97		
15	64QAM	36	39	20.08	20.21	19.91		
15	64QAM	75	0	20.06	20.26	19.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.08	23.33	23.01	24.5	0
10	QPSK	1	25	22.84	23.22	22.88		
10	QPSK	1	49	22.75	23.19	22.70		
10	QPSK	25	0	22.04	22.16	22.01	23.5	1
10	QPSK	25	12	21.84	22.12	21.93		
10	QPSK	25	25	21.83	22.06	21.86		
10	QPSK	50	0	21.92	22.11	21.87		
10	16QAM	1	0	22.03	22.31	22.18	23.5	1
10	16QAM	1	25	21.74	22.25	21.88		
10	16QAM	1	49	21.86	21.93	21.89		
10	16QAM	25	0	21.11	21.08	20.95	22.5	2
10	16QAM	25	12	21.04	21.28	21.07		
10	16QAM	25	25	20.99	21.18	20.91		
10	16QAM	50	0	21.03	21.17	21.05		
10	64QAM	1	0	21.12	21.14	21.08	22.5	2
10	64QAM	1	25	20.92	21.35	21.30		
10	64QAM	1	49	20.86	21.11	20.98		
10	64QAM	25	0	20.09	20.22	19.96	21.5	3
10	64QAM	25	12	20.11	20.19	19.97		
10	64QAM	25	25	20.03	20.21	19.93		
10	64QAM	50	0	20.06	20.27	20.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.09	23.34	23.01	24.5	0
5	QPSK	1	12	22.94	23.24	22.81		
5	QPSK	1	24	22.73	23.16	22.75		
5	QPSK	12	0	22.10	22.19	21.96	23.5	1
5	QPSK	12	7	21.79	22.10	21.92		
5	QPSK	12	13	21.78	22.09	21.93		
5	QPSK	25	0	21.96	22.02	21.88		
5	16QAM	1	0	21.97	22.33	22.12	23.5	1
5	16QAM	1	12	21.70	22.30	21.87		
5	16QAM	1	24	21.87	21.99	21.87		
5	16QAM	12	0	21.10	21.04	20.92	22.5	2
5	16QAM	12	7	21.11	21.25	21.09		
5	16QAM	12	13	20.98	21.17	20.89		
5	16QAM	25	0	21.03	21.09	21.03		
5	64QAM	1	0	21.10	21.16	20.98	22.5	2
5	64QAM	1	12	20.93	21.39	21.20		
5	64QAM	1	24	20.87	21.16	20.94		
5	64QAM	12	0	20.14	20.22	19.91	21.5	3
5	64QAM	12	7	20.10	20.14	19.99		
5	64QAM	12	13	20.05	20.27	19.90		
5	64QAM	25	0	20.08	20.35	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.30	22.96	24.5	0
3	QPSK	1	8	22.88	23.23	22.90		
3	QPSK	1	14	22.83	23.15	22.80		
3	QPSK	8	0	22.11	22.17	22.01	23.5	1
3	QPSK	8	4	21.75	22.15	21.92		
3	QPSK	8	7	21.82	22.12	21.93		
3	QPSK	15	0	21.96	22.07	21.83		
3	16QAM	1	0	22.00	22.38	22.18	23.5	1
3	16QAM	1	8	21.80	22.29	21.83		
3	16QAM	1	14	21.84	21.95	21.86		
3	16QAM	8	0	21.12	21.05	20.96	22.5	2
3	16QAM	8	4	21.08	21.23	21.11		
3	16QAM	8	7	20.94	21.18	20.82		
3	16QAM	15	0	21.12	21.09	21.03		
3	64QAM	1	0	21.15	21.09	21.09	22.5	2
3	64QAM	1	8	20.96	21.32	21.29		
3	64QAM	1	14	20.92	21.07	20.97		
3	64QAM	8	0	20.05	20.23	19.97	21.5	3
3	64QAM	8	4	20.18	20.13	19.97		
3	64QAM	8	7	20.06	20.21	19.92		
3	64QAM	15	0	20.14	20.30	20.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.08	23.34	22.92	24.5	0
1.4	QPSK	1	3	22.91	23.22	22.81		
1.4	QPSK	1	5	22.78	23.14	22.72		
1.4	QPSK	3	0	23.09	23.21	23.01		
1.4	QPSK	3	1	22.76	23.15	22.89		
1.4	QPSK	3	3	22.77	23.09	22.84		
1.4	QPSK	6	0	22.01	22.07	21.90	23.5	1
1.4	16QAM	1	0	21.98	22.33	22.19	23.5	1
1.4	16QAM	1	3	21.76	22.27	21.84		
1.4	16QAM	1	5	21.91	21.90	21.80		
1.4	16QAM	3	0	22.06	22.10	21.86		
1.4	16QAM	3	1	22.09	22.29	22.08		
1.4	16QAM	3	3	21.95	22.14	21.88		
1.4	16QAM	6	0	21.04	21.14	21.00	22.5	2
1.4	64QAM	1	0	21.18	21.14	21.03	22.5	2
1.4	64QAM	1	3	20.98	21.35	21.27		
1.4	64QAM	1	5	20.91	21.13	21.02		
1.4	64QAM	3	0	21.07	21.29	20.98		
1.4	64QAM	3	1	21.12	21.14	20.92		
1.4	64QAM	3	3	21.07	21.16	20.91		
1.4	64QAM	6	0	20.16	20.36	19.92	21.5	3

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.24	15.38	15.26	16.5	0
20	QPSK	1	49	15.00	15.02	15.01		
20	QPSK	1	99	14.92	14.98	14.96		
20	QPSK	50	0	15.07	15.15	15.13	16.5	0
20	QPSK	50	24	14.98	15.10	15.04		
20	QPSK	50	50	14.82	15.02	14.96		
20	QPSK	100	0	15.10	15.25	15.18		
20	16QAM	1	0	14.85	14.95	14.87	16.5	0
20	16QAM	1	49	14.66	14.80	14.64		
20	16QAM	1	99	14.80	14.85	14.69		
20	16QAM	50	0	15.06	15.13	14.98	16.5	0
20	16QAM	50	24	15.08	15.18	15.09		
20	16QAM	50	50	14.93	15.06	14.98		
20	16QAM	100	0	15.08	15.21	15.14		
20	64QAM	1	0	15.12	15.27	15.18	16.5	0
20	64QAM	1	49	15.27	15.32	15.17		
20	64QAM	1	99	14.97	15.06	15.00		
20	64QAM	50	0	14.96	15.05	14.89	16.5	0
20	64QAM	50	24	15.08	15.16	15.09		
20	64QAM	50	50	14.99	15.10	14.98		
20	64QAM	100	0	15.02	15.09	15.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.11	15.25	15.12	16.5	0
15	QPSK	1	37	14.92	14.87	14.92		
15	QPSK	1	74	14.78	14.88	14.85		
15	QPSK	36	0	14.92	15.00	15.00	16.5	0
15	QPSK	36	20	14.86	14.97	14.95		
15	QPSK	36	39	14.66	14.91	14.90		
15	QPSK	75	0	15.00	15.16	15.11		
15	16QAM	1	0	14.72	14.86	14.77	16.5	0
15	16QAM	1	37	14.50	14.66	14.59		
15	16QAM	1	74	14.66	14.75	14.57		
15	16QAM	36	0	14.91	14.98	14.89	16.5	0
15	16QAM	36	20	15.02	15.10	15.00		
15	16QAM	36	39	14.82	14.94	14.89		
15	16QAM	75	0	15.00	15.12	15.05		
15	64QAM	1	0	15.03	15.14	15.11	16.5	0
15	64QAM	1	37	15.12	15.23	15.03		
15	64QAM	1	74	14.85	14.99	14.88		
15	64QAM	36	0	14.91	14.91	14.77	16.5	0
15	64QAM	36	20	14.99	15.10	14.93		
15	64QAM	36	39	14.87	15.02	14.82		
15	64QAM	75	0	14.96	15.04	14.90		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.17	15.31	15.19	16.5	0
10	QPSK	1	25	14.85	14.90	14.85		
10	QPSK	1	49	14.80	14.84	14.85		
10	QPSK	25	0	14.96	15.06	15.07	16.5	0
10	QPSK	25	12	14.83	14.97	14.95		
10	QPSK	25	25	14.77	14.97	14.84		
10	QPSK	50	0	15.02	15.16	15.04		
10	16QAM	1	0	14.78	14.83	14.72	16.5	0
10	16QAM	1	25	14.57	14.74	14.56		
10	16QAM	1	49	14.71	14.77	14.58		
10	16QAM	25	0	14.90	15.02	14.92	16.5	0
10	16QAM	25	12	15.02	15.10	14.94		
10	16QAM	25	25	14.79	14.94	14.82		
10	16QAM	50	0	14.92	15.07	15.06		
10	64QAM	1	0	14.98	15.22	15.07	16.5	0
10	64QAM	1	25	15.11	15.17	15.09		
10	64QAM	1	49	14.90	14.96	14.94		
10	64QAM	25	0	14.84	14.90	14.75	16.5	0
10	64QAM	25	12	14.96	15.00	15.03		
10	64QAM	25	25	14.87	14.97	14.89		
10	64QAM	50	0	14.94	15.03	14.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.12	15.33	15.14	16.5	0
5	QPSK	1	12	14.85	14.88	14.91		
5	QPSK	1	24	14.76	14.83	14.87		
5	QPSK	12	0	14.99	15.02	15.07	16.5	0
5	QPSK	12	7	14.91	15.00	14.89		
5	QPSK	12	13	14.71	14.89	14.88		
5	QPSK	25	0	14.94	15.15	15.11		
5	16QAM	1	0	14.74	14.86	14.78	16.5	0
5	16QAM	1	12	14.56	14.70	14.53		
5	16QAM	1	24	14.70	14.69	14.59		
5	16QAM	12	0	15.00	15.01	14.92	16.5	0
5	16QAM	12	7	15.02	15.03	15.01		
5	16QAM	12	13	14.88	14.93	14.90		
5	16QAM	25	0	14.93	15.11	14.98		
5	64QAM	1	0	15.04	15.13	15.13	16.5	0
5	64QAM	1	12	15.12	15.17	15.09		
5	64QAM	1	24	14.88	14.95	14.87		
5	64QAM	12	0	14.88	14.93	14.76	16.5	0
5	64QAM	12	7	14.95	15.06	15.01		
5	64QAM	12	13	14.91	14.96	14.88		
5	64QAM	25	0	14.94	14.94	14.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.11	15.31	15.19	16.5	0
3	QPSK	1	8	14.92	14.96	14.94		
3	QPSK	1	14	14.87	14.84	14.86		
3	QPSK	8	0	14.99	15.08	15.05	16.5	0
3	QPSK	8	4	14.86	14.98	14.94		
3	QPSK	8	7	14.70	14.91	14.80		
3	QPSK	15	0	15.03	15.11	15.11		
3	16QAM	1	0	14.74	14.83	14.77	16.5	0
3	16QAM	1	8	14.54	14.66	14.59		
3	16QAM	1	14	14.74	14.73	14.60		
3	16QAM	8	0	14.92	15.06	14.92	16.5	0
3	16QAM	8	4	14.99	15.10	15.00		
3	16QAM	8	7	14.82	14.98	14.82		
3	16QAM	15	0	14.95	15.09	14.98		
3	64QAM	1	0	15.02	15.22	15.02	16.5	0
3	64QAM	1	8	15.15	15.20	15.07		
3	64QAM	1	14	14.89	14.96	14.86		
3	64QAM	8	0	14.85	14.95	14.83	16.5	0
3	64QAM	8	4	14.99	15.05	15.02		
3	64QAM	8	7	14.90	15.00	14.84		
3	64QAM	15	0	14.86	15.00	14.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.14	15.31	15.17	16.5	0
1.4	QPSK	1	3	14.91	14.89	14.93		
1.4	QPSK	1	5	14.83	14.93	14.82		
1.4	QPSK	3	0	14.92	15.01	15.03		
1.4	QPSK	3	1	14.90	15.02	14.94		
1.4	QPSK	3	3	14.68	14.91	14.82		
1.4	QPSK	6	0	15.01	15.11	15.06	16.5	0
1.4	16QAM	1	0	14.77	14.86	14.72	16.5	0
1.4	16QAM	1	3	14.53	14.64	14.58		
1.4	16QAM	1	5	14.65	14.69	14.64		
1.4	16QAM	3	0	14.95	14.97	14.89		
1.4	16QAM	3	1	14.97	15.05	14.94		
1.4	16QAM	3	3	14.82	14.92	14.87		
1.4	16QAM	6	0	15.00	15.06	15.07	16.5	0
1.4	64QAM	1	0	15.01	15.22	15.08	16.5	0
1.4	64QAM	1	3	15.12	15.26	15.11		
1.4	64QAM	1	5	14.92	14.99	14.86		
1.4	64QAM	3	0	14.85	14.96	14.74		
1.4	64QAM	3	1	14.97	15.10	14.93		
1.4	64QAM	3	3	14.90	14.94	14.87		
1.4	64QAM	6	0	14.87	14.95	14.93	16.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	13.04	13.31	13.11	14	0
20	QPSK	1	49	12.99	13.01	13.06		
20	QPSK	1	99	12.88	12.91	12.84		
20	QPSK	50	0	13.00	13.14	13.07	14	0
20	QPSK	50	24	13.06	13.01	13.10		
20	QPSK	50	50	13.00	13.00	13.02		
20	QPSK	100	0	13.03	13.07	13.03		
20	16QAM	1	0	13.18	13.19	13.23	14	0
20	16QAM	1	49	13.10	13.15	13.18		
20	16QAM	1	99	12.98	13.08	13.01		
20	16QAM	50	0	12.82	12.85	12.88	14	0
20	16QAM	50	24	12.87	12.83	12.92		
20	16QAM	50	50	12.82	12.83	12.84		
20	16QAM	100	0	12.85	12.79	12.89		
20	64QAM	1	0	13.04	13.10	13.12	14	0
20	64QAM	1	49	12.94	12.96	12.96		
20	64QAM	1	99	12.82	12.84	12.82		
20	64QAM	50	0	12.80	12.85	12.87	14	0
20	64QAM	50	24	12.86	12.81	12.93		
20	64QAM	50	50	12.80	12.82	12.84		
20	64QAM	100	0	12.82	12.80	12.88		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.95	13.17	12.96	14	0
15	QPSK	1	37	12.91	12.85	12.96		
15	QPSK	1	74	12.80	12.80	12.71		
15	QPSK	36	0	12.85	12.99	12.98	14	0
15	QPSK	36	20	12.97	12.96	12.97		
15	QPSK	36	39	12.94	12.86	12.88		
15	QPSK	75	0	12.97	12.96	12.88		
15	16QAM	1	0	13.06	13.04	13.08	14	0
15	16QAM	1	37	13.00	13.08	13.13		
15	16QAM	1	74	12.88	13.02	12.87		
15	16QAM	36	0	12.77	12.75	12.77	14	0
15	16QAM	36	20	12.80	12.74	12.87		
15	16QAM	36	39	12.75	12.67	12.79		
15	16QAM	75	0	12.77	12.73	12.79		
15	64QAM	1	0	12.92	13.00	13.04	14	0
15	64QAM	1	37	12.85	12.85	12.84		
15	64QAM	1	74	12.68	12.68	12.76		
15	64QAM	36	0	12.73	12.77	12.76	14	0
15	64QAM	36	20	12.75	12.75	12.83		
15	64QAM	36	39	12.67	12.73	12.76		
15	64QAM	75	0	12.69	12.73	12.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.90	13.23	13.06	14	0
10	QPSK	1	25	12.83	12.88	13.01		
10	QPSK	1	49	12.77	12.84	12.77		
10	QPSK	25	0	12.92	13.00	12.91	14	0
10	QPSK	25	12	12.91	12.91	13.00		
10	QPSK	25	25	12.95	12.90	12.95		
10	QPSK	50	0	12.97	12.98	12.97		
10	16QAM	1	0	13.11	13.05	13.15	14	0
10	16QAM	1	25	13.04	13.10	13.08		
10	16QAM	1	49	12.90	12.99	12.89		
10	16QAM	25	0	12.69	12.70	12.79	14	0
10	16QAM	25	12	12.80	12.67	12.83		
10	16QAM	25	25	12.77	12.74	12.70		
10	16QAM	50	0	12.76	12.63	12.73		
10	64QAM	1	0	12.96	13.01	13.05	14	0
10	64QAM	1	25	12.88	12.91	12.80		
10	64QAM	1	49	12.68	12.71	12.76		
10	64QAM	25	0	12.71	12.72	12.72	14	0
10	64QAM	25	12	12.76	12.65	12.86		
10	64QAM	25	25	12.67	12.70	12.77		
10	64QAM	50	0	12.69	12.73	12.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.94	13.25	12.95	14	0
5	QPSK	1	12	12.92	12.94	13.01		
5	QPSK	1	24	12.79	12.76	12.72		
5	QPSK	12	0	12.87	13.06	13.01	14	0
5	QPSK	12	7	12.98	12.91	13.00		
5	QPSK	12	13	12.88	12.94	12.88		
5	QPSK	25	0	12.91	12.99	12.94		
5	16QAM	1	0	13.04	13.11	13.18	14	0
5	16QAM	1	12	12.98	13.09	13.03		
5	16QAM	1	24	12.82	12.92	12.89		
5	16QAM	12	0	12.69	12.79	12.82	14	0
5	16QAM	12	7	12.75	12.68	12.85		
5	16QAM	12	13	12.66	12.75	12.76		
5	16QAM	25	0	12.72	12.63	12.77		
5	64QAM	1	0	12.91	12.99	12.98	14	0
5	64QAM	1	12	12.87	12.88	12.86		
5	64QAM	1	24	12.68	12.74	12.77		
5	64QAM	12	0	12.69	12.77	12.75	14	0
5	64QAM	12	7	12.76	12.76	12.80		
5	64QAM	12	13	12.71	12.72	12.75		
5	64QAM	25	0	12.73	12.69	12.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.92	13.15	13.02	14	0
3	QPSK	1	8	12.89	12.85	13.01		
3	QPSK	1	14	12.79	12.75	12.75		
3	QPSK	8	0	12.87	13.08	13.02	14	0
3	QPSK	8	4	12.96	12.85	12.94		
3	QPSK	8	7	12.87	12.89	12.90		
3	QPSK	15	0	12.93	12.93	12.94		
3	16QAM	1	0	13.06	13.14	13.10	14	0
3	16QAM	1	8	12.98	13.08	13.07		
3	16QAM	1	14	12.92	12.99	12.96		
3	16QAM	8	0	12.70	12.71	12.82	14	0
3	16QAM	8	4	12.81	12.68	12.79		
3	16QAM	8	7	12.72	12.76	12.74		
3	16QAM	15	0	12.71	12.65	12.76		
3	64QAM	1	0	12.99	13.00	13.06	14	0
3	64QAM	1	8	12.81	12.86	12.87		
3	64QAM	1	14	12.72	12.77	12.67		
3	64QAM	8	0	12.70	12.75	12.79	14	0
3	64QAM	8	4	12.78	12.69	12.80		
3	64QAM	8	7	12.68	12.68	12.74		
3	64QAM	15	0	12.76	12.72	12.75		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.89	13.22	13.06	14	0
1.4	QPSK	1	3	12.88	12.93	12.90		
1.4	QPSK	1	5	12.76	12.85	12.72		
1.4	QPSK	3	0	12.89	13.02	13.00		
1.4	QPSK	3	1	12.98	12.95	13.05		
1.4	QPSK	3	3	12.91	12.84	12.89		
1.4	QPSK	6	0	12.92	12.91	12.93	14	0
1.4	16QAM	1	0	13.11	13.08	13.18	14	0
1.4	16QAM	1	3	13.03	13.09	13.13		
1.4	16QAM	1	5	12.93	12.99	12.87		
1.4	16QAM	3	0	12.72	12.77	12.82		
1.4	16QAM	3	1	12.72	12.70	12.83		
1.4	16QAM	3	3	12.76	12.68	12.76		
1.4	16QAM	6	0	12.77	12.72	12.80	14	0
1.4	64QAM	1	0	12.96	13.00	13.06	14	0
1.4	64QAM	1	3	12.88	12.89	12.90		
1.4	64QAM	1	5	12.74	12.69	12.71		
1.4	64QAM	3	0	12.75	12.79	12.79		
1.4	64QAM	3	1	12.73	12.73	12.79		
1.4	64QAM	3	3	12.75	12.76	12.72		
1.4	64QAM	6	0	12.75	12.67	12.81	14	0

Band 4_Ant 31

BW [MHz]	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	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	24	1
1.4	16QAM	1	0	23.13	23.14	23.22	24	1
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	23	2
1.4	64QAM	1	0	21.97	22.02	21.96	23	2
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	22	3

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.77	16.01	15.78	17	0
20	QPSK	1	49	15.64	15.76	15.69		
20	QPSK	1	99	15.44	15.56	15.55		
20	QPSK	50	0	15.70	15.88	15.73	17	0
20	QPSK	50	24	15.76	15.82	15.79		
20	QPSK	50	50	15.71	15.76	15.70		
20	QPSK	100	0	15.77	15.81	15.70		
20	16QAM	1	0	15.62	15.60	15.97	17	0
20	16QAM	1	49	15.81	15.90	15.98		
20	16QAM	1	99	15.74	15.81	15.76		
20	16QAM	50	0	15.49	15.45	15.51	17	0
20	16QAM	50	24	15.55	15.47	15.38		
20	16QAM	50	50	15.49	15.48	15.39		
20	16QAM	100	0	15.49	15.38	15.49		
20	64QAM	1	0	15.66	15.94	15.75	17	0
20	64QAM	1	49	15.16	15.47	15.84		
20	64QAM	1	99	15.62	15.37	15.32		
20	64QAM	50	0	15.37	15.34	15.41	17	0
20	64QAM	50	24	15.54	15.50	15.54		
20	64QAM	50	50	15.48	15.49	15.40		
20	64QAM	100	0	15.44	15.44	15.48		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.65	15.86	15.67	17	0
15	QPSK	1	37	15.50	15.69	15.57		
15	QPSK	1	74	15.29	15.44	15.39		
15	QPSK	36	0	15.58	15.79	15.65	17	0
15	QPSK	36	20	15.67	15.69	15.71		
15	QPSK	36	39	15.64	15.66	15.65		
15	QPSK	75	0	15.62	15.69	15.65		
15	16QAM	1	0	15.56	15.52	15.90	17	0
15	16QAM	1	37	15.65	15.85	15.88		
15	16QAM	1	74	15.61	15.69	15.60		
15	16QAM	36	0	15.33	15.29	15.42	17	0
15	16QAM	36	20	15.46	15.39	15.26		
15	16QAM	36	39	15.36	15.43	15.29		
15	16QAM	75	0	15.34	15.32	15.36		
15	64QAM	1	0	15.58	15.86	15.63	17	0
15	64QAM	1	37	15.02	15.37	15.73		
15	64QAM	1	74	15.55	15.26	15.20		
15	64QAM	36	0	15.30	15.18	15.31	17	0
15	64QAM	36	20	15.44	15.43	15.46		
15	64QAM	36	39	15.34	15.40	15.33		
15	64QAM	75	0	15.34	15.32	15.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.70	15.89	15.72	17	0
10	QPSK	1	25	15.57	15.66	15.60		
10	QPSK	1	49	15.33	15.51	15.49		
10	QPSK	25	0	15.58	15.83	15.68	17	0
10	QPSK	25	12	15.69	15.72	15.72		
10	QPSK	25	25	15.60	15.68	15.64		
10	QPSK	50	0	15.70	15.75	15.62		
10	16QAM	1	0	15.52	15.51	15.86	17	0
10	16QAM	1	25	15.67	15.75	15.83		
10	16QAM	1	49	15.62	15.73	15.69		
10	16QAM	25	0	15.38	15.35	15.38	17	0
10	16QAM	25	12	15.50	15.34	15.31		
10	16QAM	25	25	15.38	15.36	15.34		
10	16QAM	50	0	15.43	15.32	15.44		
10	64QAM	1	0	15.54	15.89	15.59	17	0
10	64QAM	1	25	15.10	15.36	15.76		
10	64QAM	1	49	15.53	15.21	15.27		
10	64QAM	25	0	15.32	15.19	15.32	17	0
10	64QAM	25	12	15.39	15.36	15.44		
10	64QAM	25	25	15.32	15.41	15.25		
10	64QAM	50	0	15.33	15.31	15.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.69	15.88	15.64	17	0
5	QPSK	1	12	15.51	15.63	15.63		
5	QPSK	1	24	15.33	15.42	15.50		
5	QPSK	12	0	15.65	15.77	15.63	17	0
5	QPSK	12	7	15.65	15.72	15.64		
5	QPSK	12	13	15.59	15.68	15.56		
5	QPSK	25	0	15.67	15.69	15.64		
5	16QAM	1	0	15.54	15.52	15.85	17	0
5	16QAM	1	12	15.69	15.78	15.82		
5	16QAM	1	24	15.64	15.72	15.62		
5	16QAM	12	0	15.35	15.31	15.44	17	0
5	16QAM	12	7	15.50	15.42	15.26		
5	16QAM	12	13	15.35	15.39	15.34		
5	16QAM	25	0	15.38	15.27	15.38		
5	64QAM	1	0	15.60	15.89	15.62	17	0
5	64QAM	1	12	15.10	15.31	15.73		
5	64QAM	1	24	15.57	15.23	15.16		
5	64QAM	12	0	15.31	15.26	15.26	17	0
5	64QAM	12	7	15.48	15.42	15.46		
5	64QAM	12	13	15.34	15.38	15.31		
5	64QAM	25	0	15.28	15.38	15.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.63	15.95	15.64	17	0
3	QPSK	1	8	15.48	15.60	15.61		
3	QPSK	1	14	15.28	15.46	15.45		
3	QPSK	8	0	15.54	15.72	15.64	17	0
3	QPSK	8	4	15.67	15.76	15.66		
3	QPSK	8	7	15.57	15.71	15.61		
3	QPSK	15	0	15.64	15.74	15.60		
3	16QAM	1	0	15.52	15.51	15.91	17	0
3	16QAM	1	8	15.74	15.83	15.85		
3	16QAM	1	14	15.63	15.76	15.71		
3	16QAM	8	0	15.37	15.31	15.35	17	0
3	16QAM	8	4	15.47	15.32	15.23		
3	16QAM	8	7	15.43	15.32	15.26		
3	16QAM	15	0	15.39	15.32	15.35		
3	64QAM	1	0	15.53	15.89	15.62	17	0
3	64QAM	1	8	15.11	15.41	15.77		
3	64QAM	1	14	15.51	15.21	15.17		
3	64QAM	8	0	15.22	15.26	15.30	17	0
3	64QAM	8	4	15.44	15.34	15.40		
3	64QAM	8	7	15.40	15.41	15.33		
3	64QAM	15	0	15.35	15.37	15.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.72	15.92	15.71	17	0
1.4	QPSK	1	3	15.55	15.68	15.59		
1.4	QPSK	1	5	15.29	15.44	15.48		
1.4	QPSK	3	0	15.65	15.81	15.58		
1.4	QPSK	3	1	15.60	15.74	15.65		
1.4	QPSK	3	3	15.65	15.65	15.60		
1.4	QPSK	6	0	15.67	15.74	15.54	17	0
1.4	16QAM	1	0	15.52	15.47	15.81	17	0
1.4	16QAM	1	3	15.67	15.77	15.87		
1.4	16QAM	1	5	15.60	15.68	15.64		
1.4	16QAM	3	0	15.38	15.30	15.44		
1.4	16QAM	3	1	15.40	15.39	15.33		
1.4	16QAM	3	3	15.42	15.35	15.31		
1.4	16QAM	6	0	15.41	15.29	15.38	17	0
1.4	64QAM	1	0	15.50	15.83	15.59	17	0
1.4	64QAM	1	3	15.02	15.42	15.77		
1.4	64QAM	1	5	15.53	15.26	15.26		
1.4	64QAM	3	0	15.31	15.29	15.31		
1.4	64QAM	3	1	15.44	15.35	15.42		
1.4	64QAM	3	3	15.40	15.38	15.28		
1.4	64QAM	6	0	15.35	15.28	15.41	17	0

Band 5_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.29	19.48	19.21	20.5	0
10	QPSK	1	25	19.25	19.22	19.00		
10	QPSK	1	49	19.19	19.14	19.08		
10	QPSK	25	0	19.26	19.39	19.21	20.5	0
10	QPSK	25	12	19.38	19.23	19.21		
10	QPSK	25	25	19.25	19.18	19.22		
10	QPSK	50	0	19.32	19.33	19.29		
10	16QAM	1	0	19.22	19.41	19.20	20.5	0
10	16QAM	1	25	19.41	19.40	19.08		
10	16QAM	1	49	19.29	19.34	19.47		
10	16QAM	25	0	18.99	18.96	19.03	20.5	0
10	16QAM	25	12	19.11	18.97	19.05		
10	16QAM	25	25	18.93	18.97	19.00		
10	16QAM	50	0	19.08	18.96	18.96		
10	64QAM	1	0	19.26	19.44	19.21	20.5	0
10	64QAM	1	25	19.19	18.86	19.33		
10	64QAM	1	49	19.09	19.44	19.01		
10	64QAM	25	0	18.93	19.00	18.94	20.5	0
10	64QAM	25	12	19.45	19.24	19.35		
10	64QAM	25	25	19.33	19.20	19.27		
10	64QAM	50	0	19.42	19.27	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.18	19.39	19.12	20.5	0
5	QPSK	1	12	19.18	19.11	18.88		
5	QPSK	1	24	19.09	19.01	19.01		
5	QPSK	12	0	19.15	19.32	19.07	20.5	0
5	QPSK	12	7	19.24	19.16	19.13		
5	QPSK	12	13	19.19	19.02	19.11		
5	QPSK	25	0	19.27	19.27	19.13		
5	16QAM	1	0	19.10	19.25	19.15	20.5	0
5	16QAM	1	12	19.29	19.35	18.95		
5	16QAM	1	24	19.24	19.25	19.37		
5	16QAM	12	0	18.93	18.88	18.91	20.5	0
5	16QAM	12	7	19.00	18.81	19.00		
5	16QAM	12	13	18.86	18.83	18.91		
5	16QAM	25	0	18.99	18.89	18.91		
5	64QAM	1	0	19.19	19.33	19.13	20.5	0
5	64QAM	1	12	19.10	18.75	19.25		
5	64QAM	1	24	19.00	19.31	18.86		
5	64QAM	12	0	18.79	18.90	18.80	20.5	0
5	64QAM	12	7	19.30	19.19	19.28		
5	64QAM	12	13	19.24	19.08	19.13		
5	64QAM	25	0	19.26	19.19	19.18		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.23	19.37	19.09	20.5	0
3	QPSK	1	8	19.10	19.08	18.88		
3	QPSK	1	14	19.09	19.05	18.94		
3	QPSK	8	0	19.16	19.23	19.06	20.5	0
3	QPSK	8	4	19.24	19.10	19.05		
3	QPSK	8	7	19.13	19.08	19.06		
3	QPSK	15	0	19.25	19.19	19.20		
3	16QAM	1	0	19.11	19.29	19.11	20.5	0
3	16QAM	1	8	19.27	19.25	19.00		
3	16QAM	1	14	19.23	19.27	19.31		
3	16QAM	8	0	18.91	18.89	18.94	20.5	0
3	16QAM	8	4	18.97	18.81	18.94		
3	16QAM	8	7	18.78	18.90	18.86		
3	16QAM	15	0	18.95	18.89	18.81		
3	64QAM	1	0	19.21	19.36	19.09	20.5	0
3	64QAM	1	8	19.05	18.71	19.23		
3	64QAM	1	14	19.02	19.31	18.95		
3	64QAM	8	0	18.79	18.90	18.79	20.5	0
3	64QAM	8	4	19.29	19.16	19.28		
3	64QAM	8	7	19.28	19.08	19.21		
3	64QAM	15	0	19.35	19.21	19.20		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.24	19.41	19.10	20.5	0
1.4	QPSK	1	3	19.15	19.09	18.86		
1.4	QPSK	1	5	19.14	18.98	18.99		
1.4	QPSK	3	0	19.13	19.30	19.12		
1.4	QPSK	3	1	19.24	19.15	19.08		
1.4	QPSK	3	3	19.12	19.02	19.16		
1.4	QPSK	6	0	19.27	19.19	19.17	20.5	0
1.4	16QAM	1	0	19.14	19.29	19.05	20.5	0
1.4	16QAM	1	3	19.30	19.34	19.01		
1.4	16QAM	1	5	19.19	19.27	19.39		
1.4	16QAM	3	0	18.83	18.90	18.87		
1.4	16QAM	3	1	18.95	18.89	18.93		
1.4	16QAM	3	3	18.82	18.81	18.87		
1.4	16QAM	6	0	18.94	18.80	18.89	20.5	0
1.4	64QAM	1	0	19.15	19.36	19.11	20.5	0
1.4	64QAM	1	3	19.09	18.73	19.25		
1.4	64QAM	1	5	18.94	19.33	18.88		
1.4	64QAM	3	0	18.81	18.91	18.82		
1.4	64QAM	3	1	19.35	19.16	19.24		
1.4	64QAM	3	3	19.21	19.08	19.13		
1.4	64QAM	6	0	19.33	19.17	19.20	20.5	0

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.41	12.63	12.59	13	0
20	QPSK	1	49	12.33	12.48	12.51		
20	QPSK	1	99	12.36	12.49	12.44		
20	QPSK	50	0	12.54	12.63	12.62	13	0
20	QPSK	50	24	12.45	12.56	12.57		
20	QPSK	50	50	12.44	12.62	12.59		
20	QPSK	100	0	12.43	12.59	12.51		
20	16QAM	1	0	12.27	12.44	12.47	13	0
20	16QAM	1	49	12.46	12.54	12.51		
20	16QAM	1	99	12.43	12.57	12.52		
20	16QAM	50	0	12.18	12.27	12.28	13	0
20	16QAM	50	24	12.28	12.30	12.34		
20	16QAM	50	50	12.28	12.40	12.39		
20	16QAM	100	0	12.25	12.28	12.30		
20	64QAM	1	0	12.21	12.26	12.29	13	0
20	64QAM	1	49	12.27	12.39	12.43		
20	64QAM	1	99	12.21	12.41	12.31		
20	64QAM	50	0	12.20	12.26	12.31	13	0
20	64QAM	50	24	12.27	12.30	12.35		
20	64QAM	50	50	12.30	12.38	12.35		
20	64QAM	100	0	12.27	12.25	12.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.33	12.48	12.47	13	0
15	QPSK	1	37	12.19	12.32	12.36		
15	QPSK	1	74	12.26	12.34	12.33		
15	QPSK	36	0	12.41	12.51	12.54	13	0
15	QPSK	36	20	12.32	12.50	12.45		
15	QPSK	36	39	12.35	12.50	12.52		
15	QPSK	75	0	12.35	12.53	12.38		
15	16QAM	1	0	12.22	12.31	12.32	13	0
15	16QAM	1	37	12.34	12.49	12.39		
15	16QAM	1	74	12.36	12.51	12.45		
15	16QAM	36	0	12.08	12.16	12.19	13	0
15	16QAM	36	20	12.21	12.14	12.29		
15	16QAM	36	39	12.19	12.31	12.28		
15	16QAM	75	0	12.17	12.22	12.25		
15	64QAM	1	0	12.11	12.10	12.22	13	0
15	64QAM	1	37	12.22	12.31	12.32		
15	64QAM	1	74	12.06	12.34	12.25		
15	64QAM	36	0	12.05	12.10	12.20	13	0
15	64QAM	36	20	12.12	12.17	12.27		
15	64QAM	36	39	12.24	12.31	12.26		
15	64QAM	75	0	12.12	12.14	12.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.31	12.49	12.46	13	0
10	QPSK	1	25	12.26	12.37	12.38		
10	QPSK	1	49	12.30	12.36	12.32		
10	QPSK	25	0	12.40	12.55	12.48	13	0
10	QPSK	25	12	12.30	12.44	12.47		
10	QPSK	25	25	12.29	12.53	12.50		
10	QPSK	50	0	12.27	12.45	12.38		
10	16QAM	1	0	12.18	12.28	12.33	13	0
10	16QAM	1	25	12.40	12.47	12.42		
10	16QAM	1	49	12.34	12.52	12.39		
10	16QAM	25	0	12.13	12.20	12.20	13	0
10	16QAM	25	12	12.17	12.18	12.20		
10	16QAM	25	25	12.13	12.27	12.23		
10	16QAM	50	0	12.16	12.19	12.18		
10	64QAM	1	0	12.16	12.19	12.19	13	0
10	64QAM	1	25	12.15	12.26	12.36		
10	64QAM	1	49	12.09	12.28	12.20		
10	64QAM	25	0	12.09	12.19	12.19	13	0
10	64QAM	25	12	12.12	12.20	12.27		
10	64QAM	25	25	12.21	12.31	12.21		
10	64QAM	50	0	12.22	12.16	12.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.35	12.47	12.44	13	0
5	QPSK	1	12	12.18	12.35	12.37		
5	QPSK	1	24	12.26	12.41	12.38		
5	QPSK	12	0	12.44	12.55	12.47	13	0
5	QPSK	12	7	12.38	12.44	12.43		
5	QPSK	12	13	12.38	12.53	12.48		
5	QPSK	25	0	12.34	12.52	12.35		
5	16QAM	1	0	12.14	12.30	12.41	13	0
5	16QAM	1	12	12.41	12.45	12.36		
5	16QAM	1	24	12.30	12.52	12.47		
5	16QAM	12	0	12.05	12.13	12.16	13	0
5	16QAM	12	7	12.19	12.18	12.28		
5	16QAM	12	13	12.18	12.31	12.25		
5	16QAM	25	0	12.12	12.20	12.18		
5	64QAM	1	0	12.10	12.10	12.19	13	0
5	64QAM	1	12	12.19	12.23	12.35		
5	64QAM	1	24	12.06	12.32	12.16		
5	64QAM	12	0	12.04	12.10	12.24	13	0
5	64QAM	12	7	12.15	12.15	12.21		
5	64QAM	12	13	12.21	12.31	12.27		
5	64QAM	25	0	12.22	12.11	12.24		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.09	16.25	16.07	17.5	0
20	QPSK	1	49	16.08	15.90	16.06		
20	QPSK	1	99	15.80	16.05	15.95		
20	QPSK	50	0	15.98	16.12	16.10	17.5	0
20	QPSK	50	24	15.95	16.10	16.05		
20	QPSK	50	50	15.96	16.07	16.01		
20	QPSK	100	0	15.95	16.08	16.03		
20	16QAM	1	0	15.79	16.01	15.74	17.5	0
20	16QAM	1	49	15.77	15.98	16.10		
20	16QAM	1	99	15.96	15.91	16.14		
20	16QAM	50	0	15.61	15.67	15.73	17.5	0
20	16QAM	50	24	15.74	15.76	15.85		
20	16QAM	50	50	15.69	15.83	15.88		
20	16QAM	100	0	15.58	15.65	15.93		
20	64QAM	1	0	15.97	15.86	16.07	17.5	0
20	64QAM	1	49	15.84	15.74	16.13		
20	64QAM	1	99	15.70	16.11	16.08		
20	64QAM	50	0	15.52	15.73	15.77	17.5	0
20	64QAM	50	24	15.98	16.14	16.17		
20	64QAM	50	50	15.92	16.13	16.22		
20	64QAM	100	0	16.02	15.98	16.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.96	16.17	15.93	17.5	0
15	QPSK	1	37	15.96	15.75	15.90		
15	QPSK	1	74	15.67	15.91	15.82		
15	QPSK	36	0	15.83	16.05	15.99	17.5	0
15	QPSK	36	20	15.90	15.95	15.95		
15	QPSK	36	39	15.91	15.93	15.89		
15	QPSK	75	0	15.87	15.96	15.98		
15	16QAM	1	0	15.64	15.92	15.68	17.5	0
15	16QAM	1	37	15.71	15.93	15.96		
15	16QAM	1	74	15.87	15.81	16.09		
15	16QAM	36	0	15.52	15.55	15.66	17.5	0
15	16QAM	36	20	15.63	15.69	15.78		
15	16QAM	36	39	15.63	15.69	15.78		
15	16QAM	75	0	15.57	15.60	15.88		
15	64QAM	1	0	15.84	15.75	15.92	17.5	0
15	64QAM	1	37	15.78	15.63	16.01		
15	64QAM	1	74	15.59	16.04	15.97		
15	64QAM	36	0	15.55	15.68	15.65	17.5	0
15	64QAM	36	20	15.93	15.99	16.03		
15	64QAM	36	39	15.80	16.08	16.06		
15	64QAM	75	0	15.86	15.92	15.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.04	16.09	15.95	17.5	0
10	QPSK	1	25	15.99	15.79	15.99		
10	QPSK	1	49	15.70	15.97	15.83		
10	QPSK	25	0	15.91	16.01	16.00	17.5	0
10	QPSK	25	12	15.80	15.96	15.89		
10	QPSK	25	25	15.86	15.99	15.90		
10	QPSK	50	0	15.88	15.95	15.91		
10	16QAM	1	0	15.67	15.92	15.69	17.5	0
10	16QAM	1	25	15.64	15.86	16.05		
10	16QAM	1	49	15.83	15.85	15.99		
10	16QAM	25	0	15.54	15.55	15.68	17.5	0
10	16QAM	25	12	15.60	15.67	15.80		
10	16QAM	25	25	15.53	15.77	15.74		
10	16QAM	50	0	15.54	15.53	15.83		
10	64QAM	1	0	15.84	15.74	15.92	17.5	0
10	64QAM	1	25	15.74	15.65	16.02		
10	64QAM	1	49	15.64	16.02	15.99		
10	64QAM	25	0	15.56	15.60	15.68	17.5	0
10	64QAM	25	12	15.89	15.99	16.11		
10	64QAM	25	25	15.78	16.02	16.17		
10	64QAM	50	0	15.87	15.82	16.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.02	16.18	16.02	17.5	0
5	QPSK	1	12	16.00	15.74	15.90		
5	QPSK	1	24	15.71	15.93	15.85		
5	QPSK	12	0	15.91	16.06	16.03	17.5	0
5	QPSK	12	7	15.80	15.94	15.94		
5	QPSK	12	13	15.88	15.97	15.89		
5	QPSK	25	0	15.82	15.96	15.87		
5	16QAM	1	0	15.63	15.88	15.63	17.5	0
5	16QAM	1	12	15.66	15.82	15.97		
5	16QAM	1	24	15.87	15.82	16.04		
5	16QAM	12	0	15.52	15.60	15.61	17.5	0
5	16QAM	12	7	15.58	15.62	15.70		
5	16QAM	12	13	15.56	15.75	15.82		
5	16QAM	25	0	15.53	15.50	15.77		
5	64QAM	1	0	15.91	15.75	15.95	17.5	0
5	64QAM	1	12	15.69	15.67	16.03		
5	64QAM	1	24	15.63	16.03	15.96		
5	64QAM	12	0	15.56	15.66	15.68	17.5	0
5	64QAM	12	7	15.83	16.07	16.06		
5	64QAM	12	13	15.84	16.06	16.17		
5	64QAM	25	0	15.90	15.84	16.08		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.19	13.31	13.08	14	0
20	QPSK	1	49	13.04	13.05	12.82		
20	QPSK	1	99	12.95	12.79	12.73		
20	QPSK	50	0	13.11	13.15	12.93	14	0
20	QPSK	50	24	13.10	12.99	12.86		
20	QPSK	50	50	13.04	12.94	12.81		
20	QPSK	100	0	13.07	13.09	12.78		
20	16QAM	1	0	13.15	13.15	12.90	14	0
20	16QAM	1	49	13.21	13.20	12.99		
20	16QAM	1	99	13.07	12.91	12.89		
20	16QAM	50	0	12.82	12.88	12.64	14	0
20	16QAM	50	24	12.92	12.81	12.68		
20	16QAM	50	50	12.85	12.77	12.66		
20	16QAM	100	0	12.89	12.77	12.61		
20	64QAM	1	0	12.90	13.05	12.81	14	0
20	64QAM	1	49	12.96	13.03	12.85		
20	64QAM	1	99	12.97	12.76	12.69		
20	64QAM	50	0	13.02	13.07	12.85	14	0
20	64QAM	50	24	13.13	13.00	12.88		
20	64QAM	50	50	13.06	12.99	12.82		
20	64QAM	100	0	13.07	12.97	12.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.05	13.25	12.92	14	0
15	QPSK	1	37	12.96	13.00	12.72		
15	QPSK	1	74	12.88	12.65	12.63		
15	QPSK	36	0	12.98	13.05	12.80	14	0
15	QPSK	36	20	13.03	12.84	12.81		
15	QPSK	36	39	12.94	12.86	12.68		
15	QPSK	75	0	12.95	13.00	12.70		
15	16QAM	1	0	13.10	13.08	12.75	14	0
15	16QAM	1	37	13.16	13.15	12.88		
15	16QAM	1	74	13.00	12.84	12.80		
15	16QAM	36	0	12.72	12.82	12.57	14	0
15	16QAM	36	20	12.84	12.67	12.59		
15	16QAM	36	39	12.69	12.69	12.60		
15	16QAM	75	0	12.75	12.64	12.56		
15	64QAM	1	0	12.74	12.92	12.70	14	0
15	64QAM	1	37	12.80	12.91	12.69		
15	64QAM	1	74	12.89	12.70	12.53		
15	64QAM	36	0	12.86	12.96	12.77	14	0
15	64QAM	36	20	13.08	12.92	12.75		
15	64QAM	36	39	13.01	12.89	12.74		
15	64QAM	75	0	12.94	12.85	12.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.06	13.22	12.93	14	0
10	QPSK	1	25	12.89	12.94	12.67		
10	QPSK	1	49	12.80	12.66	12.60		
10	QPSK	25	0	12.96	13.08	12.80	14	0
10	QPSK	25	12	12.94	12.94	12.70		
10	QPSK	25	25	12.95	12.85	12.71		
10	QPSK	50	0	13.01	12.96	12.69		
10	16QAM	1	0	13.03	13.00	12.76	14	0
10	16QAM	1	25	13.14	13.08	12.87		
10	16QAM	1	49	12.96	12.80	12.75		
10	16QAM	25	0	12.73	12.79	12.57	14	0
10	16QAM	25	12	12.78	12.72	12.52		
10	16QAM	25	25	12.74	12.66	12.61		
10	16QAM	50	0	12.83	12.63	12.54		
10	64QAM	1	0	12.85	12.95	12.73	14	0
10	64QAM	1	25	12.85	12.94	12.69		
10	64QAM	1	49	12.89	12.62	12.58		
10	64QAM	25	0	12.90	12.91	12.76	14	0
10	64QAM	25	12	13.08	12.91	12.81		
10	64QAM	25	25	12.94	12.83	12.76		
10	64QAM	50	0	12.98	12.83	12.75		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.04	13.19	12.96	14	0
5	QPSK	1	12	12.89	12.95	12.71		
5	QPSK	1	24	12.87	12.71	12.60		
5	QPSK	12	0	12.95	13.05	12.86	14	0
5	QPSK	12	7	13.00	12.84	12.71		
5	QPSK	12	13	12.99	12.78	12.71		
5	QPSK	25	0	13.01	12.99	12.62		
5	16QAM	1	0	13.07	13.01	12.78	14	0
5	16QAM	1	12	13.14	13.06	12.83		
5	16QAM	1	24	12.92	12.77	12.80		
5	16QAM	12	0	12.75	12.77	12.57	14	0
5	16QAM	12	7	12.78	12.72	12.53		
5	16QAM	12	13	12.71	12.72	12.51		
5	16QAM	25	0	12.84	12.61	12.54		
5	64QAM	1	0	12.81	12.96	12.75	14	0
5	64QAM	1	12	12.87	12.96	12.76		
5	64QAM	1	24	12.86	12.67	12.56		
5	64QAM	12	0	12.91	12.98	12.73	14	0
5	64QAM	12	7	13.03	12.90	12.80		
5	64QAM	12	13	12.97	12.89	12.69		
5	64QAM	25	0	12.93	12.88	12.65		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.07	13.20	12.94	14	0
3	QPSK	1	8	12.98	12.92	12.77		
3	QPSK	1	14	12.86	12.73	12.67		
3	QPSK	8	0	13.01	13.10	12.78	14	0
3	QPSK	8	4	13.02	12.90	12.79		
3	QPSK	8	7	12.97	12.89	12.65		
3	QPSK	15	0	12.98	13.01	12.68		
3	16QAM	1	0	13.04	13.02	12.74	14	0
3	16QAM	1	8	13.14	13.11	12.89		
3	16QAM	1	14	12.93	12.85	12.78		
3	16QAM	8	0	12.75	12.82	12.49	14	0
3	16QAM	8	4	12.84	12.65	12.57		
3	16QAM	8	7	12.80	12.71	12.56		
3	16QAM	15	0	12.83	12.72	12.55		
3	64QAM	1	0	12.74	12.94	12.76	14	0
3	64QAM	1	8	12.85	12.91	12.69		
3	64QAM	1	14	12.89	12.68	12.64		
3	64QAM	8	0	12.92	12.95	12.74	14	0
3	64QAM	8	4	13.07	12.90	12.76		
3	64QAM	8	7	12.98	12.91	12.70		
3	64QAM	15	0	12.95	12.84	12.73		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.14	13.15	12.96	14	0
1.4	QPSK	1	3	12.94	12.93	12.72		
1.4	QPSK	1	5	12.87	12.71	12.62		
1.4	QPSK	3	0	13.06	13.04	12.87		
1.4	QPSK	3	1	12.94	12.83	12.75		
1.4	QPSK	3	3	12.88	12.79	12.68		
1.4	QPSK	6	0	12.95	13.03	12.67	14	0
1.4	16QAM	1	0	13.00	13.03	12.81	14	0
1.4	16QAM	1	3	13.08	13.08	12.87		
1.4	16QAM	1	5	13.01	12.85	12.84		
1.4	16QAM	3	0	12.66	12.80	12.51		
1.4	16QAM	3	1	12.78	12.65	12.60		
1.4	16QAM	3	3	12.79	12.69	12.61		
1.4	16QAM	6	0	12.82	12.61	12.52	14	0
1.4	64QAM	1	0	12.77	12.97	12.66	14	0
1.4	64QAM	1	3	12.87	12.91	12.73		
1.4	64QAM	1	5	12.84	12.65	12.61		
1.4	64QAM	3	0	12.86	12.92	12.78		
1.4	64QAM	3	1	13.03	12.92	12.74		
1.4	64QAM	3	3	12.99	12.84	12.73		
1.4	64QAM	6	0	12.91	12.85	12.74	14	0

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.84	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.57	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.62		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	24	1
1.4	16QAM	1	0	22.72	22.65	22.88	24	1
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	23	2
1.4	64QAM	1	0	21.75	21.63	21.62	23	2
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	22	3

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.94	15.96	15.58	17	0
20	QPSK	1	49	15.80	15.77	15.37		
20	QPSK	1	99	15.68	15.55	15.27		
20	QPSK	50	0	15.88	15.89	15.59	17	0
20	QPSK	50	24	15.87	15.63	15.50		
20	QPSK	50	50	15.84	15.62	15.45		
20	QPSK	100	0	15.78	15.79	15.47		
20	16QAM	1	0	15.93	15.94	15.44	17	0
20	16QAM	1	49	15.83	15.78	15.75		
20	16QAM	1	99	15.62	15.40	15.62		
20	16QAM	50	0	15.53	15.65	15.35	17	0
20	16QAM	50	24	15.61	15.50	15.35		
20	16QAM	50	50	15.68	15.46	15.27		
20	16QAM	100	0	15.60	15.44	15.25		
20	64QAM	1	0	15.65	15.80	15.46	17	0
20	64QAM	1	49	15.88	15.89	15.65		
20	64QAM	1	99	15.52	15.78	15.34		
20	64QAM	50	0	15.67	15.68	15.30	17	0
20	64QAM	50	24	15.61	15.53	15.39		
20	64QAM	50	50	15.66	15.46	15.20		
20	64QAM	100	0	15.62	15.46	15.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.86	15.82	15.52	17	0
15	QPSK	1	37	15.74	15.68	15.24		
15	QPSK	1	74	15.62	15.42	15.22		
15	QPSK	36	0	15.72	15.83	15.51	17	0
15	QPSK	36	20	15.76	15.52	15.40		
15	QPSK	36	39	15.73	15.50	15.31		
15	QPSK	75	0	15.68	15.67	15.36		
15	16QAM	1	0	15.87	15.85	15.29	17	0
15	16QAM	1	37	15.72	15.62	15.61		
15	16QAM	1	74	15.48	15.33	15.55		
15	16QAM	36	0	15.41	15.60	15.25	17	0
15	16QAM	36	20	15.55	15.34	15.28		
15	16QAM	36	39	15.58	15.34	15.11		
15	16QAM	75	0	15.45	15.38	15.19		
15	64QAM	1	0	15.57	15.66	15.31	17	0
15	64QAM	1	37	15.73	15.80	15.57		
15	64QAM	1	74	15.47	15.63	15.22		
15	64QAM	36	0	15.57	15.61	15.24	17	0
15	64QAM	36	20	15.56	15.46	15.33		
15	64QAM	36	39	15.54	15.31	15.07		
15	64QAM	75	0	15.52	15.36	15.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.80	15.87	15.51	17	0
10	QPSK	1	25	15.64	15.61	15.31		
10	QPSK	1	49	15.53	15.39	15.14		
10	QPSK	25	0	15.79	15.79	15.51	17	0
10	QPSK	25	12	15.73	15.50	15.36		
10	QPSK	25	25	15.70	15.53	15.35		
10	QPSK	50	0	15.72	15.64	15.31		
10	16QAM	1	0	15.83	15.84	15.29	17	0
10	16QAM	1	25	15.70	15.63	15.62		
10	16QAM	1	49	15.53	15.24	15.49		
10	16QAM	25	0	15.40	15.51	15.29	17	0
10	16QAM	25	12	15.48	15.41	15.24		
10	16QAM	25	25	15.56	15.32	15.21		
10	16QAM	50	0	15.50	15.36	15.13		
10	64QAM	1	0	15.54	15.73	15.32	17	0
10	64QAM	1	25	15.81	15.81	15.52		
10	64QAM	1	49	15.43	15.73	15.24		
10	64QAM	25	0	15.61	15.53	15.15	17	0
10	64QAM	25	12	15.56	15.44	15.32		
10	64QAM	25	25	15.55	15.40	15.04		
10	64QAM	50	0	15.52	15.38	15.27		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.88	15.90	15.46	17	0
5	QPSK	1	12	15.68	15.62	15.31		
5	QPSK	1	24	15.63	15.46	15.12		
5	QPSK	12	0	15.78	15.81	15.46	17	0
5	QPSK	12	7	15.71	15.52	15.39		
5	QPSK	12	13	15.68	15.49	15.34		
5	QPSK	25	0	15.65	15.70	15.33		
5	16QAM	1	0	15.82	15.82	15.28	17	0
5	16QAM	1	12	15.69	15.66	15.70		
5	16QAM	1	24	15.51	15.31	15.56		
5	16QAM	12	0	15.46	15.49	15.23	17	0
5	16QAM	12	7	15.55	15.43	15.21		
5	16QAM	12	13	15.53	15.37	15.11		
5	16QAM	25	0	15.45	15.32	15.12		
5	64QAM	1	0	15.54	15.65	15.35	17	0
5	64QAM	1	12	15.76	15.75	15.57		
5	64QAM	1	24	15.37	15.62	15.19		
5	64QAM	12	0	15.54	15.58	15.20	17	0
5	64QAM	12	7	15.53	15.43	15.34		
5	64QAM	12	13	15.60	15.40	15.14		
5	64QAM	25	0	15.56	15.33	15.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.85	15.87	15.43	17	0
3	QPSK	1	8	15.69	15.66	15.21		
3	QPSK	1	14	15.61	15.46	15.14		
3	QPSK	8	0	15.76	15.78	15.46	17	0
3	QPSK	8	4	15.79	15.53	15.34		
3	QPSK	8	7	15.78	15.56	15.31		
3	QPSK	15	0	15.62	15.69	15.41		
3	16QAM	1	0	15.86	15.89	15.31	17	0
3	16QAM	1	8	15.76	15.64	15.60		
3	16QAM	1	14	15.48	15.25	15.49		
3	16QAM	8	0	15.45	15.59	15.28	17	0
3	16QAM	8	4	15.52	15.34	15.27		
3	16QAM	8	7	15.52	15.36	15.19		
3	16QAM	15	0	15.50	15.39	15.16		
3	64QAM	1	0	15.57	15.74	15.30	17	0
3	64QAM	1	8	15.80	15.73	15.58		
3	64QAM	1	14	15.47	15.72	15.25		
3	64QAM	8	0	15.61	15.62	15.17	17	0
3	64QAM	8	4	15.46	15.38	15.29		
3	64QAM	8	7	15.50	15.35	15.11		
3	64QAM	15	0	15.50	15.30	15.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.84	15.80	15.52	17	0
1.4	QPSK	1	3	15.71	15.65	15.28		
1.4	QPSK	1	5	15.59	15.44	15.13		
1.4	QPSK	3	0	15.72	15.84	15.53		
1.4	QPSK	3	1	15.82	15.48	15.43		
1.4	QPSK	3	3	15.70	15.56	15.29		
1.4	QPSK	6	0	15.73	15.66	15.33	17	0
1.4	16QAM	1	0	15.77	15.88	15.34	17	0
1.4	16QAM	1	3	15.68	15.73	15.64		
1.4	16QAM	1	5	15.55	15.35	15.52		
1.4	16QAM	3	0	15.43	15.53	15.19		
1.4	16QAM	3	1	15.51	15.41	15.24		
1.4	16QAM	3	3	15.55	15.38	15.17		
1.4	16QAM	6	0	15.49	15.29	15.14	17	0
1.4	64QAM	1	0	15.51	15.66	15.32	17	0
1.4	64QAM	1	3	15.76	15.79	15.59		
1.4	64QAM	1	5	15.40	15.72	15.28		
1.4	64QAM	3	0	15.60	15.54	15.19		
1.4	64QAM	3	1	15.53	15.44	15.34		
1.4	64QAM	3	3	15.51	15.38	15.14		
1.4	64QAM	6	0	15.54	15.31	15.27	17	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.53	14.58	14.54	15.2	0
20	QPSK	1	49	14.41	14.40	14.47		
20	QPSK	1	99	14.34	14.50	14.41		
20	QPSK	50	0	14.51	14.52	14.33	15.2	0
20	QPSK	50	24	14.47	14.46	14.43		
20	QPSK	50	50	14.50	14.41	14.41		
20	QPSK	100	0	14.48	14.56	14.46		
20	16QAM	1	0	14.33	14.17	14.30	15.2	0
20	16QAM	1	49	14.34	14.28	14.37		
20	16QAM	1	99	14.40	14.21	14.43		
20	16QAM	50	0	14.08	14.09	14.14	15.2	0
20	16QAM	50	24	14.24	14.01	14.30		
20	16QAM	50	50	14.19	14.06	14.16		
20	16QAM	100	0	14.24	14.05	14.16		
20	64QAM	1	0	14.34	13.93	14.22	15.2	0
20	64QAM	1	49	14.37	14.06	14.49		
20	64QAM	1	99	14.43	14.05	14.44		
20	64QAM	50	0	14.15	14.09	14.02	15.2	0
20	64QAM	50	24	14.24	14.05	14.19		
20	64QAM	50	50	14.22	14.06	14.19		
20	64QAM	100	0	14.19	14.13	14.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.37	14.47	14.48	15.2	0
15	QPSK	1	37	14.35	14.26	14.37		
15	QPSK	1	74	14.26	14.42	14.26		
15	QPSK	36	0	14.39	14.38	14.23	15.2	0
15	QPSK	36	20	14.42	14.38	14.29		
15	QPSK	36	39	14.35	14.25	14.28		
15	QPSK	75	0	14.39	14.49	14.30		
15	16QAM	1	0	14.18	14.01	14.18	15.2	0
15	16QAM	1	37	14.23	14.16	14.27		
15	16QAM	1	74	14.27	14.05	14.30		
15	16QAM	36	0	14.02	13.98	14.02	15.2	0
15	16QAM	36	20	14.15	13.95	14.23		
15	16QAM	36	39	14.08	13.93	14.04		
15	16QAM	75	0	14.18	13.91	14.05		
15	64QAM	1	0	14.18	13.83	14.12	15.2	0
15	64QAM	1	37	14.28	14.00	14.33		
15	64QAM	1	74	14.37	13.94	14.35		
15	64QAM	36	0	14.08	13.98	13.91	15.2	0
15	64QAM	36	20	14.09	14.00	14.14		
15	64QAM	36	39	14.07	13.92	14.04		
15	64QAM	75	0	14.08	14.01	14.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.38	14.47	14.45	15.2	0
10	QPSK	1	25	14.29	14.34	14.32		
10	QPSK	1	49	14.21	14.43	14.36		
10	QPSK	25	0	14.38	14.45	14.17	15.2	0
10	QPSK	25	12	14.31	14.34	14.37		
10	QPSK	25	25	14.43	14.35	14.34		
10	QPSK	50	0	14.43	14.45	14.30		
10	16QAM	1	0	14.27	14.11	14.15	15.2	0
10	16QAM	1	25	14.23	14.12	14.21		
10	16QAM	1	49	14.27	14.14	14.35		
10	16QAM	25	0	13.95	14.02	14.03	15.2	0
10	16QAM	25	12	14.15	13.87	14.14		
10	16QAM	25	25	14.13	13.90	14.03		
10	16QAM	50	0	14.11	13.89	14.10		
10	64QAM	1	0	14.24	13.85	14.14	15.2	0
10	64QAM	1	25	14.23	14.01	14.41		
10	64QAM	1	49	14.29	13.91	14.37		
10	64QAM	25	0	14.07	14.00	13.88	15.2	0
10	64QAM	25	12	14.17	13.91	14.06		
10	64QAM	25	25	14.06	13.99	14.05		
10	64QAM	50	0	14.13	14.03	14.04		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.43	14.51	14.39	15.2	0
5	QPSK	1	12	14.34	14.31	14.32		
5	QPSK	1	24	14.18	14.38	14.25		
5	QPSK	12	0	14.44	14.38	14.23	15.2	0
5	QPSK	12	7	14.33	14.32	14.37		
5	QPSK	12	13	14.38	14.33	14.26		
5	QPSK	25	0	14.37	14.41	14.34		
5	16QAM	1	0	14.28	14.09	14.17	15.2	0
5	16QAM	1	12	14.22	14.22	14.25		
5	16QAM	1	24	14.32	14.08	14.33		
5	16QAM	12	0	14.03	14.03	14.03	15.2	0
5	16QAM	12	7	14.14	13.86	14.14		
5	16QAM	12	13	14.07	13.91	14.09		
5	16QAM	25	0	14.17	13.97	14.08		
5	64QAM	1	0	14.20	13.77	14.09	15.2	0
5	64QAM	1	12	14.22	13.92	14.35		
5	64QAM	1	24	14.33	13.90	14.33		
5	64QAM	12	0	14.03	13.99	13.91	15.2	0
5	64QAM	12	7	14.18	14.00	14.14		
5	64QAM	12	13	14.17	14.00	14.11		
5	64QAM	25	0	14.04	13.99	14.06		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.90	18.93	18.86	20.5	0
20	QPSK	1	49	18.64	18.62	18.58		
20	QPSK	1	99	18.54	18.66	18.66		
20	QPSK	50	0	18.54	18.77	18.64	20.5	0
20	QPSK	50	24	18.66	18.70	18.73		
20	QPSK	50	50	18.63	18.75	18.73		
20	QPSK	100	0	18.58	18.70	18.67		
20	16QAM	1	0	18.66	18.61	18.85	20.5	0
20	16QAM	1	49	18.65	18.88	18.81		
20	16QAM	1	99	18.59	18.73	18.79		
20	16QAM	50	0	18.59	18.59	18.65	20.5	0
20	16QAM	50	24	18.63	18.58	18.71		
20	16QAM	50	50	18.74	18.66	18.74		
20	16QAM	100	0	18.65	18.56	18.66		
20	64QAM	1	0	18.73	18.77	18.65	20.5	0
20	64QAM	1	49	18.90	18.78	18.62		
20	64QAM	1	99	18.74	18.87	18.75		
20	64QAM	50	0	18.61	18.64	18.56	20.5	0
20	64QAM	50	24	18.71	18.61	18.70		
20	64QAM	50	50	18.65	18.63	18.72		
20	64QAM	100	0	18.69	18.62	18.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.90	18.85	18.80	20.5	0
15	QPSK	1	37	18.66	18.64	18.63		
15	QPSK	1	74	18.56	18.71	18.64		
15	QPSK	36	0	18.59	18.77	18.63	20.5	0
15	QPSK	36	20	18.66	18.66	18.67		
15	QPSK	36	39	18.65	18.78	18.68		
15	QPSK	75	0	18.55	18.75	18.64		
15	16QAM	1	0	18.64	18.59	18.81	20.5	0
15	16QAM	1	37	18.61	18.83	18.86		
15	16QAM	1	74	18.54	18.75	18.73		
15	16QAM	36	0	18.62	18.64	18.64	20.5	0
15	16QAM	36	20	18.65	18.57	18.67		
15	16QAM	36	39	18.71	18.69	18.72		
15	16QAM	75	0	18.67	18.52	18.69		
15	64QAM	1	0	18.76	18.76	18.68	20.5	0
15	64QAM	1	37	18.92	18.79	18.58		
15	64QAM	1	74	18.68	18.92	18.78		
15	64QAM	36	0	18.64	18.69	18.51	20.5	0
15	64QAM	36	20	18.71	18.60	18.75		
15	64QAM	36	39	18.62	18.57	18.74		
15	64QAM	75	0	18.65	18.59	18.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.87	18.90	18.82	20.5	0
10	QPSK	1	25	18.64	18.57	18.56		
10	QPSK	1	49	18.59	18.71	18.61		
10	QPSK	25	0	18.52	18.78	18.64	20.5	0
10	QPSK	25	12	18.61	18.69	18.73		
10	QPSK	25	25	18.60	18.70	18.78		
10	QPSK	50	0	18.57	18.69	18.66		
10	16QAM	1	0	18.69	18.66	18.90	20.5	0
10	16QAM	1	25	18.63	18.85	18.82		
10	16QAM	1	49	18.61	18.68	18.80		
10	16QAM	25	0	18.57	18.64	18.63	20.5	0
10	16QAM	25	12	18.66	18.52	18.70		
10	16QAM	25	25	18.70	18.67	18.78		
10	16QAM	50	0	18.69	18.51	18.65		
10	64QAM	1	0	18.70	18.82	18.61	20.5	0
10	64QAM	1	25	18.83	18.83	18.67		
10	64QAM	1	49	18.70	18.83	18.72		
10	64QAM	25	0	18.65	18.61	18.59	20.5	0
10	64QAM	25	12	18.72	18.59	18.69		
10	64QAM	25	25	18.70	18.62	18.75		
10	64QAM	50	0	18.63	18.64	18.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.86	18.90	18.88	20.5	0
5	QPSK	1	12	18.59	18.65	18.52		
5	QPSK	1	24	18.50	18.65	18.65		
5	QPSK	12	0	18.52	18.76	18.69	20.5	0
5	QPSK	12	7	18.68	18.73	18.73		
5	QPSK	12	13	18.57	18.72	18.75		
5	QPSK	25	0	18.59	18.68	18.67		
5	16QAM	1	0	18.69	18.61	18.84	20.5	0
5	16QAM	1	12	18.66	18.85	18.80		
5	16QAM	1	24	18.55	18.74	18.74		
5	16QAM	12	0	18.54	18.55	18.59	20.5	0
5	16QAM	12	7	18.61	18.53	18.75		
5	16QAM	12	13	18.69	18.67	18.69		
5	16QAM	25	0	18.69	18.55	18.61		
5	64QAM	1	0	18.67	18.79	18.61	20.5	0
5	64QAM	1	12	18.85	18.75	18.58		
5	64QAM	1	24	18.73	18.81	18.77		
5	64QAM	12	0	18.57	18.67	18.50	20.5	0
5	64QAM	12	7	18.74	18.64	18.64		
5	64QAM	12	13	18.60	18.67	18.71		
5	64QAM	25	0	18.72	18.58	18.73		

Band 41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.40	14.49	14.67	14.39	14.15	15	0
20	QPSK	1	49	14.32	14.40	14.36	14.16	13.98		
20	QPSK	1	99	14.32	14.41	14.42	14.38	14.11		
20	QPSK	50	0	14.58	14.57	14.66	14.35	14.26	15	0
20	QPSK	50	24	14.56	14.49	14.41	14.27	14.22		
20	QPSK	50	50	14.56	14.44	14.38	14.29	14.24		
20	QPSK	100	0	14.50	14.57	14.51	14.32	14.23		
20	16QAM	1	0	14.56	14.52	14.58	14.51	14.23	15	0
20	16QAM	1	49	14.60	14.41	14.42	14.45	14.30		
20	16QAM	1	99	14.41	14.53	14.42	14.48	14.49		
20	16QAM	50	0	14.41	14.37	14.27	14.31	14.18	15	0
20	16QAM	50	24	14.44	14.53	14.27	14.39	14.21		
20	16QAM	50	50	14.40	14.48	14.38	14.25	14.19		
20	16QAM	100	0	14.50	14.46	14.28	14.26	14.22		
20	64QAM	1	0	14.08	14.42	14.08	14.56	14.46	15	0
20	64QAM	1	49	14.63	14.55	14.42	14.63	14.31		
20	64QAM	1	99	14.61	14.51	14.38	14.61	14.57		
20	64QAM	50	0	14.34	14.42	14.25	14.35	14.19	15	0
20	64QAM	50	24	14.45	14.51	14.27	14.32	14.17		
20	64QAM	50	50	14.39	14.46	14.37	14.34	14.23		
20	64QAM	100	0	14.47	14.43	14.37	14.42	14.19		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.31	14.43	14.56	14.28	13.99	15	0
15	QPSK	1	37	14.24	14.27	14.26	14.09	13.92		
15	QPSK	1	74	14.16	14.33	14.31	14.27	14.02		
15	QPSK	36	0	14.51	14.48	14.52	14.29	14.17	15	0
15	QPSK	36	20	14.40	14.43	14.27	14.11	14.06		
15	QPSK	36	39	14.50	14.38	14.23	14.23	14.11		
15	QPSK	75	0	14.38	14.51	14.56	14.22	14.07		
15	16QAM	1	0	14.49	14.45	14.45	14.38	14.15	15	0
15	16QAM	1	37	14.54	14.28	14.33	14.33	14.22		
15	16QAM	1	74	14.28	14.38	14.36	14.38	14.39		
15	16QAM	36	0	14.29	14.21	14.20	14.21	14.02	15	0
15	16QAM	36	20	14.36	14.48	14.22	14.23	14.11		
15	16QAM	36	39	14.33	14.34	14.32	14.18	14.03		
15	16QAM	75	0	14.39	14.38	14.20	14.19	14.16		
15	64QAM	1	0	14.03	14.35	13.98	14.42	14.38	15	0
15	64QAM	1	37	14.47	14.46	14.26	14.49	14.20		
15	64QAM	1	74	14.45	14.41	14.22	14.52	14.47		
15	64QAM	36	0	14.25	14.30	14.19	14.26	14.10	15	0
15	64QAM	36	20	14.37	14.45	14.15	14.24	14.08		
15	64QAM	36	39	14.24	14.38	14.26	14.20	14.18		
15	64QAM	75	0	14.35	14.36	14.22	14.34	14.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.33	14.37	14.61	14.31	14.07	15	0
10	QPSK	1	25	14.20	14.29	14.26	14.07	13.85		
10	QPSK	1	49	14.21	14.31	14.28	14.29	14.01		
10	QPSK	25	0	14.48	14.46	14.52	14.27	14.13	15	0
10	QPSK	25	12	14.41	14.44	14.29	14.18	14.16		
10	QPSK	25	25	14.41	14.33	14.31	14.21	14.09		
10	QPSK	50	0	14.43	14.41	14.49	14.24	14.16		
10	16QAM	1	0	14.42	14.40	14.49	14.45	14.17	15	0
10	16QAM	1	25	14.52	14.35	14.34	14.32	14.16		
10	16QAM	1	49	14.35	14.47	14.28	14.34	14.33		
10	16QAM	25	0	14.33	14.25	14.12	14.25	14.04	15	0
10	16QAM	25	12	14.35	14.45	14.11	14.32	14.13		
10	16QAM	25	25	14.25	14.32	14.32	14.17	14.05		
10	16QAM	50	0	14.35	14.32	14.13	14.13	14.10		
10	64QAM	1	0	13.96	14.34	13.95	14.48	14.35	15	0
10	64QAM	1	25	14.47	14.43	14.26	14.52	14.18		
10	64QAM	1	49	14.49	14.36	14.25	14.52	14.45		
10	64QAM	25	0	14.20	14.32	14.13	14.23	14.07	15	0
10	64QAM	25	12	14.34	14.39	14.14	14.18	14.03		
10	64QAM	25	25	14.34	14.38	14.26	14.18	14.18		
10	64QAM	50	0	14.31	14.28	14.28	14.27	14.05		
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	14.25	14.33	14.58	14.31	13.99	15	0
5	QPSK	1	12	14.21	14.29	14.20	14.03	13.88		
5	QPSK	1	24	14.20	14.29	14.26	14.26	13.98		
5	QPSK	12	0	14.50	14.42	14.53	14.24	14.11	15	0
5	QPSK	12	7	14.42	14.42	14.27	14.15	14.09		
5	QPSK	12	13	14.42	14.30	14.33	14.15	14.11		
5	QPSK	25	0	14.41	14.50	14.45	14.22	14.18		
5	16QAM	1	0	14.41	14.37	14.48	14.45	14.07	15	0
5	16QAM	1	12	14.54	14.29	14.35	14.30	14.18		
5	16QAM	1	24	14.32	14.43	14.26	14.36	14.44		
5	16QAM	12	0	14.27	14.29	14.22	14.21	14.06	15	0
5	16QAM	12	7	14.39	14.40	14.15	14.29	14.12		
5	16QAM	12	13	14.29	14.37	14.25	14.14	14.07		
5	16QAM	25	0	14.38	14.41	14.14	14.15	14.11		
5	64QAM	1	0	13.92	14.35	13.97	14.50	14.38	15	0
5	64QAM	1	12	14.52	14.39	14.26	14.55	14.18		
5	64QAM	1	24	14.55	14.45	14.32	14.48	14.41		
5	64QAM	12	0	14.25	14.29	14.17	14.24	14.10	15	0
5	64QAM	12	7	14.30	14.41	14.19	14.23	14.04		
5	64QAM	12	13	14.30	14.41	14.26	14.24	14.14		
5	64QAM	25	0	14.34	14.37	14.30	14.26	14.14		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.49	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

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	19.65	19.48	19.85	19.65	19.64	21	0
20	QPSK	1	49	19.25	19.25	19.35	19.57	19.53		
20	QPSK	1	99	19.18	19.32	19.53	19.45	19.37		
20	QPSK	50	0	19.46	19.53	19.57	19.53	19.54	21	0
20	QPSK	50	24	19.43	19.44	19.52	19.46	19.48		
20	QPSK	50	50	19.32	19.46	19.55	19.48	19.53		
20	QPSK	100	0	19.43	19.49	19.51	19.45	19.50		
20	16QAM	1	0	19.32	19.27	19.35	19.53	19.62	21	0
20	16QAM	1	49	19.53	19.55	19.41	19.44	19.83		
20	16QAM	1	99	19.45	19.42	19.55	19.80	19.85		
20	16QAM	50	0	19.30	19.33	19.36	19.52	19.44	21	0
20	16QAM	50	24	19.42	19.39	19.34	19.52	19.46		
20	16QAM	50	50	19.39	19.41	19.47	19.50	19.51		
20	16QAM	100	0	19.28	19.31	19.39	19.52	19.37		
20	64QAM	1	0	19.27	19.43	19.46	19.81	19.60	21	0
20	64QAM	1	49	19.61	19.46	19.52	19.61	19.71		
20	64QAM	1	99	19.55	19.28	19.65	19.24	19.55		
20	64QAM	50	0	19.48	19.45	19.69	19.77	19.74	21	0
20	64QAM	50	24	19.59	19.76	19.66	19.62	19.66		
20	64QAM	50	50	19.65	19.63	19.83	19.77	19.78		
20	64QAM	100	0	19.69	19.28	19.70	19.80	19.71		
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	19.75	19.47	19.76	19.71	19.68	21.00	0
15	QPSK	1	37	19.30	19.34	19.47	19.72	19.63		
15	QPSK	1	74	19.31	19.37	19.68	19.51	19.48		
15	QPSK	36	0	19.54	19.68	19.64	19.57	19.64	21	0
15	QPSK	36	20	19.55	19.52	19.64	19.52	19.52		
15	QPSK	36	39	19.38	19.58	19.69	19.52	19.64		
15	QPSK	75	0	19.46	19.57	19.58	19.54	19.61		
15	16QAM	1	0	19.25	19.20	19.73	19.38	19.48	21	0
15	16QAM	1	37	19.47	19.41	19.26	19.35	19.76		
15	16QAM	1	74	19.29	19.30	19.48	19.74	19.72		
15	16QAM	36	0	19.20	19.22	19.26	19.38	19.32	21	0
15	16QAM	36	20	19.33	19.23	19.25	19.36	19.40		
15	16QAM	36	39	19.34	19.30	19.37	19.44	19.39		
15	16QAM	75	0	19.20	19.22	19.29	19.45	19.25		
15	64QAM	1	0	19.18	19.27	19.25	19.68	19.50	21	0
15	64QAM	1	37	19.46	19.34	19.43	19.54	19.56		
15	64QAM	1	74	19.46	19.09	19.49	19.14	19.50		
15	64QAM	36	0	19.34	19.32	19.59	19.70	19.59	21	0
15	64QAM	36	20	19.53	19.65	19.52	19.71	19.58		
15	64QAM	36	39	19.54	19.54	19.69	19.67	19.72		
15	64QAM	75	0	19.55	19.22	19.54	19.69	19.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.76	19.44	19.81	19.72	19.71	21.00	0
10	QPSK	1	25	19.33	19.36	19.42	19.66	19.59		
10	QPSK	1	49	19.27	19.45	19.57	19.55	19.52		
10	QPSK	25	0	19.61	19.64	19.71	19.58	19.62	21	0
10	QPSK	25	12	19.56	19.55	19.59	19.58	19.62		
10	QPSK	25	25	19.36	19.58	19.65	19.52	19.66		
10	QPSK	50	0	19.46	19.61	19.66	19.57	19.64		
10	16QAM	1	0	19.24	19.18	19.75	19.45	19.56	21	0
10	16QAM	1	25	19.45	19.42	19.26	19.38	19.71		
10	16QAM	1	49	19.32	19.27	19.46	19.66	19.73		
10	16QAM	25	0	19.13	19.24	19.27	19.47	19.38	21	0
10	16QAM	25	12	19.34	19.31	19.19	19.40	19.34		
10	16QAM	25	25	19.26	19.29	19.34	19.35	19.37		
10	16QAM	50	0	19.23	19.22	19.27	19.42	19.32		
10	64QAM	1	0	19.20	19.30	19.30	19.73	19.53	21	0
10	64QAM	1	25	19.47	19.31	19.46	19.54	19.63		
10	64QAM	1	49	19.49	19.03	19.58	19.14	19.46		
10	64QAM	25	0	19.40	19.40	19.59	19.70	19.64	21	0
10	64QAM	25	12	19.44	19.60	19.61	19.77	19.55		
10	64QAM	25	25	19.51	19.55	19.72	19.67	19.69		
10	64QAM	50	0	19.63	19.21	19.55	19.65	19.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.75	19.51	19.80	19.69	19.73	21.00	0
5	QPSK	1	12	19.38	19.31	19.39	19.64	19.60		
5	QPSK	1	24	19.30	19.45	19.64	19.58	19.50		
5	QPSK	12	0	19.61	19.62	19.72	19.67	19.66	21	0
5	QPSK	12	7	19.52	19.55	19.59	19.52	19.62		
5	QPSK	12	13	19.47	19.55	19.67	19.62	19.62		
5	QPSK	25	0	19.39	19.64	19.62	19.52	19.58		
5	16QAM	1	0	19.20	19.18	19.71	19.46	19.47	21	0
5	16QAM	1	12	19.47	19.41	19.27	19.30	19.67		
5	16QAM	1	24	19.40	19.31	19.49	19.70	19.71		
5	16QAM	12	0	19.10	19.21	19.31	19.44	19.36	21	0
5	16QAM	12	7	19.27	19.26	19.26	19.37	19.40		
5	16QAM	12	13	19.27	19.27	19.41	19.45	19.46		
5	16QAM	25	0	19.17	19.24	19.24	19.40	19.32		
5	64QAM	1	0	19.18	19.29	19.35	19.69	19.55	21	0
5	64QAM	1	12	19.56	19.38	19.40	19.51	19.66		
5	64QAM	1	24	19.45	19.10	19.50	19.18	19.45		
5	64QAM	12	0	19.41	19.32	19.58	19.70	19.59	21	0
5	64QAM	12	7	19.45	19.64	19.53	19.80	19.55		
5	64QAM	12	13	19.54	19.51	19.77	19.68	19.69		
5	64QAM	25	0	19.36	19.00	19.35	19.54	19.46		

Reduced Power for DSI 3

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	7.36	7.65	7.34	8.5	0
20	QPSK	1	49	7.35	7.32	7.33		
20	QPSK	1	99	7.21	7.23	7.19		
20	QPSK	50	0	7.40	7.48	7.43	8.5	0
20	QPSK	50	24	7.37	7.40	7.31		
20	QPSK	50	50	7.33	7.32	7.33		
20	QPSK	100	0	7.35	7.36	7.30		
20	16QAM	1	0	7.52	7.53	7.48	8.5	0
20	16QAM	1	49	7.48	7.41	7.50		
20	16QAM	1	99	7.37	7.34	7.31		
20	16QAM	50	0	7.22	7.20	7.13	8.5	0
20	16QAM	50	24	7.20	7.18	7.12		
20	16QAM	50	50	7.12	7.14	7.14		
20	16QAM	100	0	7.17	7.17	7.11		
20	64QAM	1	0	7.51	7.44	7.37	8.5	0
20	64QAM	1	49	7.33	7.35	7.35		
20	64QAM	1	99	7.24	7.22	7.15		
20	64QAM	50	0	7.22	7.21	7.18	8.5	0
20	64QAM	50	24	7.19	7.20	7.12		
20	64QAM	50	50	7.14	7.14	7.17		
20	64QAM	100	0	7.20	7.19	7.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	7.27	7.53	7.22	8.5	0
15	QPSK	1	37	7.29	7.27	7.27		
15	QPSK	1	74	7.05	7.08	7.08		
15	QPSK	36	0	7.24	7.40	7.27	8.5	0
15	QPSK	36	20	7.26	7.35	7.23		
15	QPSK	36	39	7.24	7.23	7.28		
15	QPSK	75	0	7.29	7.31	7.19		
15	16QAM	1	0	7.47	7.37	7.41	8.5	0
15	16QAM	1	37	7.36	7.33	7.45		
15	16QAM	1	74	7.31	7.29	7.16		
15	16QAM	36	0	7.16	7.13	6.97	8.5	0
15	16QAM	36	20	7.12	7.11	7.07		
15	16QAM	36	39	7.04	7.01	7.07		
15	16QAM	75	0	7.05	7.07	6.96		
15	64QAM	1	0	7.43	7.37	7.23	8.5	0
15	64QAM	1	37	7.24	7.25	7.20		
15	64QAM	1	74	7.16	7.12	7.04		
15	64QAM	36	0	7.10	7.10	7.05	8.5	0
15	64QAM	36	20	7.04	7.06	7.01		
15	64QAM	36	39	7.03	6.99	7.09		
15	64QAM	75	0	7.11	7.04	7.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	7.20	7.52	7.26	8.5	0
10	QPSK	1	25	7.26	7.16	7.23		
10	QPSK	1	49	7.06	7.11	7.03		
10	QPSK	25	0	7.33	7.37	7.27	8.5	0
10	QPSK	25	12	7.29	7.28	7.22		
10	QPSK	25	25	7.28	7.27	7.19		
10	QPSK	50	0	7.20	7.26	7.14		
10	16QAM	1	0	7.45	7.48	7.38	8.5	0
10	16QAM	1	25	7.39	7.35	7.37		
10	16QAM	1	49	7.31	7.23	7.22		
10	16QAM	25	0	7.11	7.15	7.06	8.5	0
10	16QAM	25	12	7.08	7.03	7.03		
10	16QAM	25	25	7.06	7.05	7.07		
10	16QAM	50	0	7.12	7.05	6.98		
10	64QAM	1	0	7.42	7.33	7.28	8.5	0
10	64QAM	1	25	7.21	7.28	7.28		
10	64QAM	1	49	7.08	7.10	7.01		
10	64QAM	25	0	7.07	7.07	7.12	8.5	0
10	64QAM	25	12	7.10	7.10	7.02		
10	64QAM	25	25	6.98	7.04	7.11		
10	64QAM	50	0	7.05	7.09	6.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	7.24	7.52	7.20	8.5	0
5	QPSK	1	12	7.20	7.19	7.26		
5	QPSK	1	24	7.06	7.09	7.08		
5	QPSK	12	0	7.28	7.34	7.32	8.5	0
5	QPSK	12	7	7.26	7.29	7.26		
5	QPSK	12	13	7.27	7.26	7.27		
5	QPSK	25	0	7.26	7.25	7.25		
5	16QAM	1	0	7.44	7.40	7.40	8.5	0
5	16QAM	1	12	7.39	7.32	7.37		
5	16QAM	1	24	7.28	7.24	7.21		
5	16QAM	12	0	7.08	7.07	7.02	8.5	0
5	16QAM	12	7	7.10	7.08	7.07		
5	16QAM	12	13	6.99	6.99	7.09		
5	16QAM	25	0	7.12	7.01	6.99		
5	64QAM	1	0	7.41	7.32	7.31	8.5	0
5	64QAM	1	12	7.19	7.21	7.19		
5	64QAM	1	24	7.08	7.13	7.06		
5	64QAM	12	0	7.17	7.14	7.13	8.5	0
5	64QAM	12	7	7.07	7.13	7.07		
5	64QAM	12	13	7.00	7.05	7.12		
5	64QAM	25	0	7.07	7.11	6.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	7.25	7.49	7.23	8.5	0
3	QPSK	1	8	7.21	7.25	7.21		
3	QPSK	1	14	7.08	7.15	7.07		
3	QPSK	8	0	7.29	7.38	7.35	8.5	0
3	QPSK	8	4	7.28	7.34	7.17		
3	QPSK	8	7	7.24	7.22	7.26		
3	QPSK	15	0	7.30	7.22	7.25		
3	16QAM	1	0	7.43	7.42	7.39	8.5	0
3	16QAM	1	8	7.40	7.33	7.41		
3	16QAM	1	14	7.25	7.22	7.24		
3	16QAM	8	0	7.10	7.07	7.06	8.5	0
3	16QAM	8	4	7.14	7.06	7.01		
3	16QAM	8	7	7.02	7.02	7.00		
3	16QAM	15	0	7.10	7.07	6.98		
3	64QAM	1	0	7.36	7.39	7.26	8.5	0
3	64QAM	1	8	7.20	7.29	7.21		
3	64QAM	1	14	7.18	7.17	7.01		
3	64QAM	8	0	7.16	7.11	7.05	8.5	0
3	64QAM	8	4	7.11	7.06	7.06		
3	64QAM	8	7	7.07	7.00	7.03		
3	64QAM	15	0	7.08	7.07	7.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	7.30	7.58	7.18	8.5	0
1.4	QPSK	1	3	7.29	7.21	7.23		
1.4	QPSK	1	5	7.06	7.08	7.12		
1.4	QPSK	3	0	7.26	7.38	7.31		
1.4	QPSK	3	1	7.29	7.35	7.19		
1.4	QPSK	3	3	7.21	7.16	7.21		
1.4	QPSK	6	0	7.25	7.24	7.14	8.5	0
1.4	16QAM	1	0	7.45	7.40	7.42	8.5	0
1.4	16QAM	1	3	7.42	7.30	7.37		
1.4	16QAM	1	5	7.21	7.28	7.20		
1.4	16QAM	3	0	7.07	7.10	7.05		
1.4	16QAM	3	1	7.13	7.13	7.01		
1.4	16QAM	3	3	6.98	7.07	7.03		
1.4	16QAM	6	0	7.05	7.07	6.97	8.5	0
1.4	64QAM	1	0	7.43	7.30	7.24	8.5	0
1.4	64QAM	1	3	7.23	7.24	7.26		
1.4	64QAM	1	5	7.19	7.09	7.10		
1.4	64QAM	3	0	7.15	7.10	7.05		
1.4	64QAM	3	1	7.11	7.05	7.04		
1.4	64QAM	3	3	7.08	6.98	7.02		
1.4	64QAM	6	0	7.11	7.08	7.06	8.5	0

Band 2_Ant 31

BW [MHz]	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	23.18	23.35	23.10	24.5	0
20	QPSK	1	49	23.00	23.21	23.00		
20	QPSK	1	99	22.87	23.18	22.83		
20	QPSK	50	0	22.22	22.25	22.13	23.5	1
20	QPSK	50	24	21.91	22.13	21.98		
20	QPSK	50	50	21.86	22.06	21.97		
20	QPSK	100	0	22.11	22.12	22.05		
20	16QAM	1	0	22.11	22.30	22.20	23.5	1
20	16QAM	1	49	21.84	22.33	21.98		
20	16QAM	1	99	22.02	21.96	21.93		
20	16QAM	50	0	21.21	21.07	20.97	22.5	2
20	16QAM	50	24	21.12	21.26	21.20		
20	16QAM	50	50	21.13	21.13	20.90		
20	16QAM	100	0	21.15	21.10	21.21		
20	64QAM	1	0	21.17	21.16	21.19	22.5	2
20	64QAM	1	49	21.10	21.41	21.31		
20	64QAM	1	99	20.95	21.09	21.13		
20	64QAM	50	0	20.25	20.30	20.06	21.5	3
20	64QAM	50	24	20.21	20.19	20.04		
20	64QAM	50	50	20.09	20.24	20.05		
20	64QAM	100	0	20.20	20.26	20.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.01	23.34	22.97	24.5	0
15	QPSK	1	37	22.86	23.28	22.92		
15	QPSK	1	74	22.78	23.18	22.75		
15	QPSK	36	0	22.03	22.16	22.00	23.5	1
15	QPSK	36	20	21.80	22.10	21.91		
15	QPSK	36	39	21.75	22.11	21.91		
15	QPSK	75	0	21.93	22.13	21.87		
15	16QAM	1	0	21.99	22.38	22.12	23.5	1
15	16QAM	1	37	21.80	22.32	21.86		
15	16QAM	1	74	21.90	21.93	21.82		
15	16QAM	36	0	21.10	21.12	20.96	22.5	2
15	16QAM	36	20	21.06	21.29	21.13		
15	16QAM	36	39	21.00	21.12	20.81		
15	16QAM	75	0	21.07	21.10	21.00		
15	64QAM	1	0	21.11	21.17	21.04	22.5	2
15	64QAM	1	37	20.90	21.32	21.26		
15	64QAM	1	74	20.90	21.18	20.93		
15	64QAM	36	0	20.14	20.33	19.98	21.5	3
15	64QAM	36	20	20.15	20.17	19.97		
15	64QAM	36	39	20.08	20.21	19.91		
15	64QAM	75	0	20.06	20.26	19.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.08	23.33	23.01	24.5	0
10	QPSK	1	25	22.84	23.22	22.88		
10	QPSK	1	49	22.75	23.19	22.70		
10	QPSK	25	0	22.04	22.16	22.01	23.5	1
10	QPSK	25	12	21.84	22.12	21.93		
10	QPSK	25	25	21.83	22.06	21.86		
10	QPSK	50	0	21.92	22.11	21.87		
10	16QAM	1	0	22.03	22.31	22.18	23.5	1
10	16QAM	1	25	21.74	22.25	21.88		
10	16QAM	1	49	21.86	21.93	21.89		
10	16QAM	25	0	21.11	21.08	20.95	22.5	2
10	16QAM	25	12	21.04	21.28	21.07		
10	16QAM	25	25	20.99	21.18	20.91		
10	16QAM	50	0	21.03	21.17	21.05		
10	64QAM	1	0	21.12	21.14	21.08	22.5	2
10	64QAM	1	25	20.92	21.35	21.30		
10	64QAM	1	49	20.86	21.11	20.98		
10	64QAM	25	0	20.09	20.22	19.96	21.5	3
10	64QAM	25	12	20.11	20.19	19.97		
10	64QAM	25	25	20.03	20.21	19.93		
10	64QAM	50	0	20.06	20.27	20.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.09	23.34	23.01	24.5	0
5	QPSK	1	12	22.94	23.24	22.81		
5	QPSK	1	24	22.73	23.16	22.75		
5	QPSK	12	0	22.10	22.19	21.96	23.5	1
5	QPSK	12	7	21.79	22.10	21.92		
5	QPSK	12	13	21.78	22.09	21.93		
5	QPSK	25	0	21.96	22.02	21.88		
5	16QAM	1	0	21.97	22.33	22.12	23.5	1
5	16QAM	1	12	21.70	22.30	21.87		
5	16QAM	1	24	21.87	21.99	21.87		
5	16QAM	12	0	21.10	21.04	20.92	22.5	2
5	16QAM	12	7	21.11	21.25	21.09		
5	16QAM	12	13	20.98	21.17	20.89		
5	16QAM	25	0	21.03	21.09	21.03		
5	64QAM	1	0	21.10	21.16	20.98	22.5	2
5	64QAM	1	12	20.93	21.39	21.20		
5	64QAM	1	24	20.87	21.16	20.94		
5	64QAM	12	0	20.14	20.22	19.91	21.5	3
5	64QAM	12	7	20.10	20.14	19.99		
5	64QAM	12	13	20.05	20.27	19.90		
5	64QAM	25	0	20.08	20.35	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.30	22.96	24.5	0
3	QPSK	1	8	22.88	23.23	22.90		
3	QPSK	1	14	22.83	23.15	22.80		
3	QPSK	8	0	22.11	22.17	22.01	23.5	1
3	QPSK	8	4	21.75	22.15	21.92		
3	QPSK	8	7	21.82	22.12	21.93		
3	QPSK	15	0	21.96	22.07	21.83		
3	16QAM	1	0	22.00	22.38	22.18	23.5	1
3	16QAM	1	8	21.80	22.29	21.83		
3	16QAM	1	14	21.84	21.95	21.86		
3	16QAM	8	0	21.12	21.05	20.96	22.5	2
3	16QAM	8	4	21.08	21.23	21.11		
3	16QAM	8	7	20.94	21.18	20.82		
3	16QAM	15	0	21.12	21.09	21.03		
3	64QAM	1	0	21.15	21.09	21.09	22.5	2
3	64QAM	1	8	20.96	21.32	21.29		
3	64QAM	1	14	20.92	21.07	20.97		
3	64QAM	8	0	20.05	20.23	19.97	21.5	3
3	64QAM	8	4	20.18	20.13	19.97		
3	64QAM	8	7	20.06	20.21	19.92		
3	64QAM	15	0	20.14	20.30	20.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.08	23.34	22.92	24.5	0
1.4	QPSK	1	3	22.91	23.22	22.81		
1.4	QPSK	1	5	22.78	23.14	22.72		
1.4	QPSK	3	0	23.09	23.21	23.01		
1.4	QPSK	3	1	22.76	23.15	22.89		
1.4	QPSK	3	3	22.77	23.09	22.84		
1.4	QPSK	6	0	22.01	22.07	21.90	23.5	1
1.4	16QAM	1	0	21.98	22.33	22.19	23.5	1
1.4	16QAM	1	3	21.76	22.27	21.84		
1.4	16QAM	1	5	21.91	21.90	21.80		
1.4	16QAM	3	0	22.06	22.10	21.86		
1.4	16QAM	3	1	22.09	22.29	22.08		
1.4	16QAM	3	3	21.95	22.14	21.88		
1.4	16QAM	6	0	21.04	21.14	21.00	22.5	2
1.4	64QAM	1	0	21.18	21.14	21.03	22.5	2
1.4	64QAM	1	3	20.98	21.35	21.27		
1.4	64QAM	1	5	20.91	21.13	21.02		
1.4	64QAM	3	0	21.07	21.29	20.98		
1.4	64QAM	3	1	21.12	21.14	20.92		
1.4	64QAM	3	3	21.07	21.16	20.91		
1.4	64QAM	6	0	20.16	20.36	19.92	21.5	3

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	10.37	10.53	10.31	11.5	0
20	QPSK	1	49	10.08	10.08	10.09		
20	QPSK	1	99	10.03	10.07	10.03		
20	QPSK	50	0	10.11	10.24	10.23	11.5	0
20	QPSK	50	24	10.02	10.21	10.10		
20	QPSK	50	50	9.87	10.10	10.03		
20	QPSK	100	0	10.25	10.39	10.22		
20	16QAM	1	0	9.93	10.08	10.02	11.5	0
20	16QAM	1	49	9.75	9.84	9.79		
20	16QAM	1	99	9.88	10.00	9.82		
20	16QAM	50	0	10.15	10.24	10.09	11.5	0
20	16QAM	50	24	10.17	10.24	10.22		
20	16QAM	50	50	9.99	10.14	10.12		
20	16QAM	100	0	10.14	10.36	10.28		
20	64QAM	1	0	10.17	10.36	10.25	11.5	0
20	64QAM	1	49	10.31	10.47	10.25		
20	64QAM	1	99	10.03	10.12	10.07		
20	64QAM	50	0	10.00	10.20	10.01	11.5	0
20	64QAM	50	24	10.17	10.22	10.19		
20	64QAM	50	50	10.11	10.20	10.09		
20	64QAM	100	0	10.15	10.22	10.09		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	10.35	10.44	10.34	11.5	0
15	QPSK	1	37	10.06	10.17	10.14		
15	QPSK	1	74	9.98	10.10	10.01		
15	QPSK	36	0	10.12	10.21	10.22	11.5	0
15	QPSK	36	20	10.03	10.21	10.09		
15	QPSK	36	39	9.95	10.17	10.06		
15	QPSK	75	0	10.25	10.37	10.32		
15	16QAM	1	0	9.96	10.02	9.93	11.5	0
15	16QAM	1	37	9.80	9.92	9.71		
15	16QAM	1	74	9.90	9.94	9.73		
15	16QAM	36	0	10.10	10.28	10.11	11.5	0
15	16QAM	36	20	10.21	10.29	10.18		
15	16QAM	36	39	9.99	10.11	10.02		
15	16QAM	75	0	10.23	10.36	10.28		
15	64QAM	1	0	10.24	10.35	10.32	11.5	0
15	64QAM	1	37	10.32	10.42	10.26		
15	64QAM	1	74	10.12	10.21	10.10		
15	64QAM	36	0	10.01	10.16	9.97	11.5	0
15	64QAM	36	20	10.18	10.23	10.19		
15	64QAM	36	39	10.04	10.16	10.13		
15	64QAM	75	0	10.12	10.20	10.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	10.38	10.45	10.33	11.5	0
10	QPSK	1	25	10.14	10.11	10.09		
10	QPSK	1	49	9.98	10.09	10.07		
10	QPSK	25	0	10.18	10.19	10.22	11.5	0
10	QPSK	25	12	10.09	10.16	10.16		
10	QPSK	25	25	9.88	10.12	10.05		
10	QPSK	50	0	10.19	10.38	10.30		
10	16QAM	1	0	9.97	10.07	9.97	11.5	0
10	16QAM	1	25	9.80	9.91	9.78		
10	16QAM	1	49	9.88	9.96	9.76		
10	16QAM	25	0	10.11	10.27	10.08	11.5	0
10	16QAM	25	12	10.19	10.31	10.21		
10	16QAM	25	25	10.04	10.15	10.09		
10	16QAM	50	0	10.17	10.30	10.22		
10	64QAM	1	0	10.17	10.42	10.24	11.5	0
10	64QAM	1	25	10.37	10.36	10.32		
10	64QAM	1	49	10.01	10.14	10.10		
10	64QAM	25	0	10.01	10.13	9.99	11.5	0
10	64QAM	25	12	10.19	10.29	10.13		
10	64QAM	25	25	10.14	10.18	10.03		
10	64QAM	50	0	10.15	10.16	10.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	10.31	10.42	10.41	11.5	0
5	QPSK	1	12	10.14	10.17	10.14		
5	QPSK	1	24	9.99	10.11	10.11		
5	QPSK	12	0	10.15	10.30	10.20	11.5	0
5	QPSK	12	7	10.05	10.14	10.08		
5	QPSK	12	13	9.90	10.16	10.02		
5	QPSK	25	0	10.17	10.33	10.26		
5	16QAM	1	0	9.98	10.00	10.02	11.5	0
5	16QAM	1	12	9.71	9.92	9.79		
5	16QAM	1	24	9.91	9.99	9.78		
5	16QAM	12	0	10.11	10.20	10.11	11.5	0
5	16QAM	12	7	10.22	10.32	10.24		
5	16QAM	12	13	9.97	10.20	10.04		
5	16QAM	25	0	10.16	10.30	10.29		
5	64QAM	1	0	10.16	10.32	10.32	11.5	0
5	64QAM	1	12	10.36	10.37	10.23		
5	64QAM	1	24	10.06	10.16	10.04		
5	64QAM	12	0	10.04	10.10	9.93	11.5	0
5	64QAM	12	7	10.19	10.22	10.19		
5	64QAM	12	13	10.09	10.20	10.12		
5	64QAM	25	0	10.14	10.16	10.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	10.29	10.42	10.38	11.5	0
3	QPSK	1	8	10.10	10.13	10.06		
3	QPSK	1	14	9.98	10.07	10.05		
3	QPSK	8	0	10.13	10.24	10.26	11.5	0
3	QPSK	8	4	10.03	10.25	10.08		
3	QPSK	8	7	9.96	10.14	10.02		
3	QPSK	15	0	10.17	10.34	10.25		
3	16QAM	1	0	9.98	9.99	9.98	11.5	0
3	16QAM	1	8	9.76	9.87	9.78		
3	16QAM	1	14	9.86	9.92	9.74		
3	16QAM	8	0	10.10	10.27	10.09	11.5	0
3	16QAM	8	4	10.14	10.28	10.15		
3	16QAM	8	7	10.05	10.15	10.09		
3	16QAM	15	0	10.20	10.32	10.26		
3	64QAM	1	0	10.23	10.40	10.27	11.5	0
3	64QAM	1	8	10.41	10.41	10.28		
3	64QAM	1	14	10.01	10.19	10.14		
3	64QAM	8	0	10.02	10.15	10.00	11.5	0
3	64QAM	8	4	10.19	10.21	10.14		
3	64QAM	8	7	10.12	10.25	10.04		
3	64QAM	15	0	10.11	10.16	10.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	10.36	10.51	10.33	11.5	0
1.4	QPSK	1	3	10.06	10.15	10.08		
1.4	QPSK	1	5	10.05	10.06	10.02		
1.4	QPSK	3	0	10.12	10.29	10.17		
1.4	QPSK	3	1	10.05	10.16	10.17		
1.4	QPSK	3	3	9.89	10.11	10.06		
1.4	QPSK	6	0	10.19	10.40	10.32	11.5	0
1.4	16QAM	1	0	9.96	10.02	9.95	11.5	0
1.4	16QAM	1	3	9.75	9.84	9.69		
1.4	16QAM	1	5	9.85	9.90	9.74		
1.4	16QAM	3	0	10.15	10.24	10.03		
1.4	16QAM	3	1	10.17	10.26	10.19		
1.4	16QAM	3	3	10.05	10.20	10.04		
1.4	16QAM	6	0	10.16	10.34	10.26	11.5	0
1.4	64QAM	1	0	10.21	10.34	10.33	11.5	0
1.4	64QAM	1	3	10.34	10.36	10.22		
1.4	64QAM	1	5	10.03	10.10	10.13		
1.4	64QAM	3	0	10.11	10.14	9.95		
1.4	64QAM	3	1	10.18	10.24	10.24		
1.4	64QAM	3	3	10.07	10.21	10.03		
1.4	64QAM	6	0	10.17	10.17	10.07	11.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	7.86	7.94	7.93	8.5	0
20	QPSK	1	49	7.65	7.69	7.62		
20	QPSK	1	99	7.53	7.54	7.55		
20	QPSK	50	0	7.64	7.76	7.65	8.5	0
20	QPSK	50	24	7.69	7.65	7.74		
20	QPSK	50	50	7.60	7.63	7.62		
20	QPSK	100	0	7.65	7.70	7.69		
20	16QAM	1	0	7.83	7.92	7.92	8.5	0
20	16QAM	1	49	7.82	7.84	7.88		
20	16QAM	1	99	7.62	7.64	7.74		
20	16QAM	50	0	7.44	7.50	7.47	8.5	0
20	16QAM	50	24	7.50	7.48	7.54		
20	16QAM	50	50	7.40	7.46	7.45		
20	16QAM	100	0	7.46	7.45	7.51		
20	64QAM	1	0	7.72	7.79	7.76	8.5	0
20	64QAM	1	49	7.63	7.68	7.76		
20	64QAM	1	99	7.58	7.62	7.57		
20	64QAM	50	0	7.43	7.48	7.52	8.5	0
20	64QAM	50	24	7.49	7.47	7.53		
20	64QAM	50	50	7.44	7.46	7.46		
20	64QAM	100	0	7.47	7.45	7.49		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	7.81	7.87	7.88	8.5	0
15	QPSK	1	37	7.52	7.62	7.46		
15	QPSK	1	74	7.40	7.47	7.45		
15	QPSK	36	0	7.51	7.66	7.53	8.5	0
15	QPSK	36	20	7.63	7.59	7.59		
15	QPSK	36	39	7.50	7.58	7.55		
15	QPSK	75	0	7.55	7.63	7.57		
15	16QAM	1	0	7.78	7.85	7.85	8.5	0
15	16QAM	1	37	7.67	7.76	7.75		
15	16QAM	1	74	7.46	7.53	7.62		
15	16QAM	36	0	7.38	7.39	7.31	8.5	0
15	16QAM	36	20	7.35	7.36	7.44		
15	16QAM	36	39	7.29	7.38	7.35		
15	16QAM	75	0	7.39	7.35	7.44		
15	64QAM	1	0	7.66	7.69	7.68	8.5	0
15	64QAM	1	37	7.48	7.54	7.63		
15	64QAM	1	74	7.49	7.57	7.47		
15	64QAM	36	0	7.31	7.37	7.44	8.5	0
15	64QAM	36	20	7.42	7.39	7.38		
15	64QAM	36	39	7.39	7.32	7.41		
15	64QAM	75	0	7.40	7.35	7.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	7.74	7.89	7.80	8.5	0
10	QPSK	1	25	7.53	7.59	7.51		
10	QPSK	1	49	7.43	7.38	7.47		
10	QPSK	25	0	7.52	7.71	7.53	8.5	0
10	QPSK	25	12	7.56	7.55	7.59		
10	QPSK	25	25	7.48	7.58	7.56		
10	QPSK	50	0	7.58	7.59	7.61		
10	16QAM	1	0	7.68	7.85	7.86	8.5	0
10	16QAM	1	25	7.73	7.73	7.81		
10	16QAM	1	49	7.53	7.48	7.69		
10	16QAM	25	0	7.39	7.34	7.41	8.5	0
10	16QAM	25	12	7.37	7.41	7.38		
10	16QAM	25	25	7.26	7.39	7.30		
10	16QAM	50	0	7.41	7.38	7.36		
10	64QAM	1	0	7.62	7.73	7.69	8.5	0
10	64QAM	1	25	7.55	7.63	7.70		
10	64QAM	1	49	7.51	7.49	7.48		
10	64QAM	25	0	7.32	7.33	7.37	8.5	0
10	64QAM	25	12	7.33	7.41	7.48		
10	64QAM	25	25	7.30	7.34	7.38		
10	64QAM	50	0	7.31	7.36	7.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	7.70	7.79	7.79	8.5	0
5	QPSK	1	12	7.57	7.61	7.48		
5	QPSK	1	24	7.42	7.48	7.40		
5	QPSK	12	0	7.53	7.62	7.49	8.5	0
5	QPSK	12	7	7.53	7.49	7.69		
5	QPSK	12	13	7.50	7.52	7.53		
5	QPSK	25	0	7.49	7.58	7.53		
5	16QAM	1	0	7.68	7.81	7.84	8.5	0
5	16QAM	1	12	7.66	7.70	7.80		
5	16QAM	1	24	7.57	7.55	7.60		
5	16QAM	12	0	7.28	7.38	7.31	8.5	0
5	16QAM	12	7	7.36	7.36	7.40		
5	16QAM	12	13	7.34	7.37	7.39		
5	16QAM	25	0	7.36	7.30	7.38		
5	64QAM	1	0	7.64	7.67	7.67	8.5	0
5	64QAM	1	12	7.49	7.58	7.64		
5	64QAM	1	24	7.49	7.48	7.46		
5	64QAM	12	0	7.33	7.42	7.41	8.5	0
5	64QAM	12	7	7.42	7.34	7.47		
5	64QAM	12	13	7.29	7.33	7.38		
5	64QAM	25	0	7.34	7.35	7.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	7.81	7.79	7.79	8.5	0
3	QPSK	1	8	7.56	7.56	7.48		
3	QPSK	1	14	7.37	7.48	7.48		
3	QPSK	8	0	7.55	7.60	7.58	8.5	0
3	QPSK	8	4	7.55	7.52	7.63		
3	QPSK	8	7	7.49	7.51	7.51		
3	QPSK	15	0	7.49	7.57	7.60		
3	16QAM	1	0	7.73	7.77	7.84	8.5	0
3	16QAM	1	8	7.68	7.74	7.80		
3	16QAM	1	14	7.56	7.57	7.58		
3	16QAM	8	0	7.30	7.44	7.39	8.5	0
3	16QAM	8	4	7.34	7.32	7.46		
3	16QAM	8	7	7.33	7.39	7.31		
3	16QAM	15	0	7.34	7.34	7.39		
3	64QAM	1	0	7.61	7.72	7.65	8.5	0
3	64QAM	1	8	7.57	7.53	7.66		
3	64QAM	1	14	7.48	7.49	7.51		
3	64QAM	8	0	7.33	7.36	7.46	8.5	0
3	64QAM	8	4	7.44	7.40	7.38		
3	64QAM	8	7	7.32	7.36	7.35		
3	64QAM	15	0	7.38	7.37	7.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	7.79	7.86	7.86	8.5	0
1.4	QPSK	1	3	7.52	7.57	7.56		
1.4	QPSK	1	5	7.40	7.40	7.50		
1.4	QPSK	3	0	7.52	7.61	7.50		
1.4	QPSK	3	1	7.64	7.49	7.69		
1.4	QPSK	3	3	7.51	7.51	7.46		
1.4	QPSK	6	0	7.53	7.58	7.57	8.5	0
1.4	16QAM	1	0	7.69	7.83	7.80	8.5	0
1.4	16QAM	1	3	7.69	7.78	7.75		
1.4	16QAM	1	5	7.55	7.53	7.59		
1.4	16QAM	3	0	7.31	7.38	7.42		
1.4	16QAM	3	1	7.37	7.38	7.43		
1.4	16QAM	3	3	7.24	7.37	7.38		
1.4	16QAM	6	0	7.36	7.40	7.44	8.5	0
1.4	64QAM	1	0	7.64	7.63	7.70	8.5	0
1.4	64QAM	1	3	7.57	7.62	7.71		
1.4	64QAM	1	5	7.43	7.53	7.43		
1.4	64QAM	3	0	7.27	7.42	7.39		
1.4	64QAM	3	1	7.37	7.42	7.46		
1.4	64QAM	3	3	7.38	7.40	7.30		
1.4	64QAM	6	0	7.33	7.40	7.42	8.5	0

Band 4_Ant 31

BW [MHz]	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	23.65	23.88	23.72	25	0
20	QPSK	1	49	23.62	23.73	23.64		
20	QPSK	1	99	23.52	23.66	23.58		
20	QPSK	50	0	22.53	22.79	22.65	24	1
20	QPSK	50	24	22.41	22.70	22.52		
20	QPSK	50	50	22.38	22.64	22.44		
20	QPSK	100	0	22.42	22.65	22.53		
20	16QAM	1	0	22.61	22.90	22.71	24	1
20	16QAM	1	49	22.58	22.85	22.67		
20	16QAM	1	99	22.60	22.81	22.67		
20	16QAM	50	0	21.52	21.63	21.62	23	2
20	16QAM	50	24	21.50	21.63	21.58		
20	16QAM	50	50	21.38	21.65	21.65		
20	16QAM	100	0	21.35	21.58	21.60		
20	64QAM	1	0	21.56	21.85	21.49	23	2
20	64QAM	1	49	21.56	21.72	21.59		
20	64QAM	1	99	21.73	21.64	21.66		
20	64QAM	50	0	20.61	20.81	20.53	22	3
20	64QAM	50	24	20.66	20.56	20.58		
20	64QAM	50	50	20.38	20.75	20.56		
20	64QAM	100	0	20.52	20.71	20.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.56	23.83	23.62	25	0
15	QPSK	1	37	23.46	23.57	23.54		
15	QPSK	1	74	23.38	23.50	23.53		
15	QPSK	36	0	22.38	22.63	22.37	24	1
15	QPSK	36	20	22.31	22.59	22.47		
15	QPSK	36	39	22.27	22.57	22.31		
15	QPSK	75	0	22.15	22.49	22.37		
15	16QAM	1	0	22.50	22.79	22.56	24	1
15	16QAM	1	37	22.42	22.70	22.60		
15	16QAM	1	74	22.49	22.69	22.61		
15	16QAM	36	0	21.44	21.53	21.55	23	2
15	16QAM	36	20	21.35	21.56	21.52		
15	16QAM	36	39	21.22	21.57	21.59		
15	16QAM	75	0	21.20	21.53	21.55		
15	64QAM	1	0	21.48	21.76	21.40	23	2
15	64QAM	1	37	21.40	21.60	21.51		
15	64QAM	1	74	21.67	21.49	21.57		
15	64QAM	36	0	20.50	20.65	20.41	22	3
15	64QAM	36	20	20.61	20.48	20.48		
15	64QAM	36	39	20.31	20.70	20.48		
15	64QAM	75	0	20.42	20.57	20.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.59	23.82	23.65	25	0
10	QPSK	1	25	23.54	23.59	23.50		
10	QPSK	1	49	23.39	23.58	23.46		
10	QPSK	25	0	22.36	22.68	22.40	24	1
10	QPSK	25	12	22.35	22.64	22.40		
10	QPSK	25	25	22.24	22.49	22.29		
10	QPSK	50	0	22.10	22.51	22.42		
10	16QAM	1	0	22.53	22.81	22.56	24	1
10	16QAM	1	25	22.43	22.71	22.57		
10	16QAM	1	49	22.55	22.70	22.59		
10	16QAM	25	0	21.41	21.53	21.54	23	2
10	16QAM	25	12	21.38	21.50	21.45		
10	16QAM	25	25	21.23	21.50	21.51		
10	16QAM	50	0	21.25	21.46	21.46		
10	64QAM	1	0	21.48	21.76	21.42	23	2
10	64QAM	1	25	21.47	21.63	21.44		
10	64QAM	1	49	21.64	21.53	21.56		
10	64QAM	25	0	20.55	20.73	20.45	22	3
10	64QAM	25	12	20.60	20.45	20.51		
10	64QAM	25	25	20.27	20.63	20.41		
10	64QAM	50	0	20.47	20.63	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.53	23.83	23.67	25	0
5	QPSK	1	12	23.50	23.58	23.49		
5	QPSK	1	24	23.47	23.52	23.44		
5	QPSK	12	0	22.29	22.69	22.47	24	1
5	QPSK	12	7	22.34	22.54	22.43		
5	QPSK	12	13	22.31	22.55	22.38		
5	QPSK	25	0	22.13	22.50	22.44		
5	16QAM	1	0	22.49	22.79	22.65	24	1
5	16QAM	1	12	22.51	22.74	22.57		
5	16QAM	1	24	22.51	22.67	22.59		
5	16QAM	12	0	21.40	21.50	21.55	23	2
5	16QAM	12	7	21.40	21.54	21.43		
5	16QAM	12	13	21.24	21.50	21.50		
5	16QAM	25	0	21.21	21.47	21.48		
5	64QAM	1	0	21.50	21.79	21.40	23	2
5	64QAM	1	12	21.50	21.59	21.46		
5	64QAM	1	24	21.59	21.55	21.61		
5	64QAM	12	0	20.50	20.67	20.40	22	3
5	64QAM	12	7	20.61	20.42	20.49		
5	64QAM	12	13	20.29	20.63	20.46		
5	64QAM	25	0	20.36	20.55	20.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.51	23.73	23.67	25	0
3	QPSK	1	8	23.52	23.67	23.59		
3	QPSK	1	14	23.38	23.59	23.52		
3	QPSK	8	0	22.33	22.67	22.44	24	1
3	QPSK	8	4	22.31	22.59	22.41		
3	QPSK	8	7	22.24	22.56	22.32		
3	QPSK	15	0	22.08	22.51	22.37		
3	16QAM	1	0	22.45	22.80	22.59	24	1
3	16QAM	1	8	22.49	22.78	22.53		
3	16QAM	1	14	22.51	22.69	22.62		
3	16QAM	8	0	21.40	21.56	21.52	23	2
3	16QAM	8	4	21.41	21.55	21.52		
3	16QAM	8	7	21.30	21.58	21.60		
3	16QAM	15	0	21.19	21.43	21.52		
3	64QAM	1	0	21.41	21.73	21.38	23	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.58	21.49	21.52		
3	64QAM	8	0	20.51	20.70	20.37	22	3
3	64QAM	8	4	20.51	20.40	20.47		
3	64QAM	8	7	20.24	20.61	20.50		
3	64QAM	15	0	20.44	20.61	20.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.59	23.60	23.85	25	0
1.4	QPSK	1	3	23.53	23.49	23.65		
1.4	QPSK	1	5	23.52	23.68	23.47		
1.4	QPSK	3	0	23.47	23.65	23.72		
1.4	QPSK	3	1	23.55	23.55	23.71		
1.4	QPSK	3	3	23.60	23.58	23.78		
1.4	QPSK	6	0	22.60	22.73	22.82	24	1
1.4	16QAM	1	0	23.13	23.14	23.22	24	1
1.4	16QAM	1	3	22.62	22.85	23.23		
1.4	16QAM	1	5	22.60	22.92	23.24		
1.4	16QAM	3	0	22.69	22.88	22.97		
1.4	16QAM	3	1	22.83	22.96	22.98		
1.4	16QAM	3	3	22.86	22.92	23.00		
1.4	16QAM	6	0	21.56	21.81	22.03	23	2
1.4	64QAM	1	0	21.97	22.02	21.96	23	2
1.4	64QAM	1	3	21.78	22.21	22.20		
1.4	64QAM	1	5	21.61	22.01	21.99		
1.4	64QAM	3	0	21.73	21.88	21.59		
1.4	64QAM	3	1	21.63	21.97	21.57		
1.4	64QAM	3	3	21.85	21.79	22.07		
1.4	64QAM	6	0	20.77	21.03	20.80	22	3

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	10.75	10.84	10.83	12	0
20	QPSK	1	49	10.47	10.63	10.59		
20	QPSK	1	99	10.38	10.44	10.46		
20	QPSK	50	0	10.48	10.69	10.59	12	0
20	QPSK	50	24	10.57	10.56	10.63		
20	QPSK	50	50	10.49	10.55	10.56		
20	QPSK	100	0	10.54	10.64	10.60		
20	16QAM	1	0	10.74	10.82	10.80	12	0
20	16QAM	1	49	10.65	10.76	10.75		
20	16QAM	1	99	10.54	10.59	10.65		
20	16QAM	50	0	10.31	10.41	10.46	12	0
20	16QAM	50	24	10.36	10.36	10.50		
20	16QAM	50	50	10.34	10.32	10.39		
20	16QAM	100	0	10.26	10.31	10.48		
20	64QAM	1	0	10.48	10.66	10.73	12	0
20	64QAM	1	49	10.75	10.71	10.83		
20	64QAM	1	99	10.55	10.62	10.69		
20	64QAM	50	0	10.53	10.53	10.60	12	0
20	64QAM	50	24	10.58	10.52	10.63		
20	64QAM	50	50	10.60	10.49	10.55		
20	64QAM	100	0	10.64	10.42	10.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	10.65	10.76	10.75	12	0
15	QPSK	1	37	10.40	10.54	10.48		
15	QPSK	1	74	10.26	10.36	10.36		
15	QPSK	36	0	10.38	10.60	10.47	12	0
15	QPSK	36	20	10.49	10.42	10.52		
15	QPSK	36	39	10.40	10.44	10.47		
15	QPSK	75	0	10.38	10.56	10.45		
15	16QAM	1	0	10.67	10.71	10.73	12	0
15	16QAM	1	37	10.53	10.67	10.65		
15	16QAM	1	74	10.43	10.49	10.54		
15	16QAM	36	0	10.19	10.25	10.36	12	0
15	16QAM	36	20	10.22	10.30	10.41		
15	16QAM	36	39	10.19	10.22	10.25		
15	16QAM	75	0	10.16	10.25	10.38		
15	64QAM	1	0	10.43	10.53	10.60	12	0
15	64QAM	1	37	10.63	10.59	10.77		
15	64QAM	1	74	10.45	10.54	10.57		
15	64QAM	36	0	10.42	10.41	10.54	12	0
15	64QAM	36	20	10.52	10.42	10.53		
15	64QAM	36	39	10.53	10.42	10.44		
15	64QAM	75	0	10.49	10.28	10.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	10.62	10.69	10.68	12	0
10	QPSK	1	25	10.34	10.53	10.52		
10	QPSK	1	49	10.30	10.32	10.40		
10	QPSK	25	0	10.37	10.55	10.47	12	0
10	QPSK	25	12	10.41	10.50	10.47		
10	QPSK	25	25	10.40	10.42	10.47		
10	QPSK	50	0	10.49	10.54	10.52		
10	16QAM	1	0	10.58	10.77	10.67	12	0
10	16QAM	1	25	10.49	10.65	10.67		
10	16QAM	1	49	10.42	10.43	10.51		
10	16QAM	25	0	10.19	10.32	10.39	12	0
10	16QAM	25	12	10.24	10.21	10.36		
10	16QAM	25	25	10.26	10.21	10.29		
10	16QAM	50	0	10.20	10.19	10.41		
10	64QAM	1	0	10.37	10.53	10.58	12	0
10	64QAM	1	25	10.63	10.62	10.73		
10	64QAM	1	49	10.47	10.52	10.56		
10	64QAM	25	0	10.40	10.46	10.51	12	0
10	64QAM	25	12	10.47	10.42	10.54		
10	64QAM	25	25	10.44	10.43	10.50		
10	64QAM	50	0	10.57	10.33	10.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	10.69	10.69	10.78	12	0
5	QPSK	1	12	10.33	10.58	10.46		
5	QPSK	1	24	10.28	10.29	10.30		
5	QPSK	12	0	10.36	10.60	10.50	12	0
5	QPSK	12	7	10.46	10.49	10.53		
5	QPSK	12	13	10.41	10.43	10.46		
5	QPSK	25	0	10.41	10.59	10.52		
5	16QAM	1	0	10.63	10.71	10.73	12	0
5	16QAM	1	12	10.59	10.61	10.64		
5	16QAM	1	24	10.38	10.46	10.58		
5	16QAM	12	0	10.15	10.34	10.37	12	0
5	16QAM	12	7	10.22	10.22	10.43		
5	16QAM	12	13	10.20	10.21	10.33		
5	16QAM	25	0	10.16	10.20	10.33		
5	64QAM	1	0	10.32	10.51	10.65	12	0
5	64QAM	1	12	10.61	10.66	10.75		
5	64QAM	1	24	10.41	10.49	10.55		
5	64QAM	12	0	10.45	10.45	10.54	12	0
5	64QAM	12	7	10.43	10.44	10.51		
5	64QAM	12	13	10.46	10.40	10.48		
5	64QAM	25	0	10.48	10.28	10.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	10.69	10.74	10.77	12	0
3	QPSK	1	8	10.34	10.54	10.53		
3	QPSK	1	14	10.26	10.36	10.30		
3	QPSK	8	0	10.40	10.56	10.49	12	0
3	QPSK	8	4	10.46	10.44	10.54		
3	QPSK	8	7	10.38	10.43	10.50		
3	QPSK	15	0	10.45	10.57	10.46		
3	16QAM	1	0	10.61	10.71	10.67	12	0
3	16QAM	1	8	10.49	10.68	10.60		
3	16QAM	1	14	10.38	10.49	10.59		
3	16QAM	8	0	10.16	10.29	10.34	12	0
3	16QAM	8	4	10.24	10.28	10.43		
3	16QAM	8	7	10.18	10.21	10.30		
3	16QAM	15	0	10.21	10.26	10.34		
3	64QAM	1	0	10.35	10.50	10.66	12	0
3	64QAM	1	8	10.59	10.57	10.70		
3	64QAM	1	14	10.45	10.49	10.61		
3	64QAM	8	0	10.43	10.46	10.52	12	0
3	64QAM	8	4	10.45	10.43	10.50		
3	64QAM	8	7	10.44	10.44	10.50		
3	64QAM	15	0	10.49	10.34	10.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	10.65	10.72	10.70	12	0
1.4	QPSK	1	3	10.35	10.50	10.48		
1.4	QPSK	1	5	10.33	10.33	10.38		
1.4	QPSK	3	0	10.40	10.62	10.47		
1.4	QPSK	3	1	10.49	10.40	10.55		
1.4	QPSK	3	3	10.42	10.46	10.49		
1.4	QPSK	6	0	10.48	10.59	10.46	12	0
1.4	16QAM	1	0	10.58	10.69	10.74	12	0
1.4	16QAM	1	3	10.53	10.70	10.62		
1.4	16QAM	1	5	10.38	10.49	10.52		
1.4	16QAM	3	0	10.22	10.29	10.41		
1.4	16QAM	3	1	10.30	10.29	10.35		
1.4	16QAM	3	3	10.19	10.20	10.25		
1.4	16QAM	6	0	10.17	10.25	10.37	12	0
1.4	64QAM	1	0	10.33	10.57	10.61	12	0
1.4	64QAM	1	3	10.68	10.65	10.72		
1.4	64QAM	1	5	10.47	10.49	10.53		
1.4	64QAM	3	0	10.42	10.39	10.49		
1.4	64QAM	3	1	10.50	10.45	10.47		
1.4	64QAM	3	3	10.51	10.37	10.41		
1.4	64QAM	6	0	10.58	10.37	10.56	12	0

Band 5_Ant 11

BW [MHz]	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	14.42	14.63	14.33	15.5	0
10	QPSK	1	25	14.31	14.29	14.18		
10	QPSK	1	49	14.17	14.25	14.23		
10	QPSK	25	0	14.41	14.57	14.32	15.5	0
10	QPSK	25	12	14.50	14.35	14.42		
10	QPSK	25	25	14.42	14.34	14.42		
10	QPSK	50	0	14.43	14.55	14.43		
10	16QAM	1	0	14.56	14.05	14.61	15.5	0
10	16QAM	1	25	14.26	14.21	14.45		
10	16QAM	1	49	14.25	13.87	14.35		
10	16QAM	25	0	14.24	14.33	14.22	15.5	0
10	16QAM	25	12	14.29	14.28	14.20		
10	16QAM	25	25	14.36	14.26	14.28		
10	16QAM	50	0	14.32	14.30	14.22		
10	64QAM	1	0	14.07	14.50	14.14	15.5	0
10	64QAM	1	25	14.12	14.45	14.51		
10	64QAM	1	49	14.46	14.02	14.18		
10	64QAM	25	0	14.19	14.31	14.30	15.5	0
10	64QAM	25	12	14.27	14.20	14.39		
10	64QAM	25	25	14.29	14.27	14.27		
10	64QAM	50	0	14.29	14.29	14.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	14.26	14.53	14.17	15.5	0
5	QPSK	1	12	14.15	14.21	14.11		
5	QPSK	1	24	14.03	14.15	14.09		
5	QPSK	12	0	14.34	14.44	14.22	15.5	0
5	QPSK	12	7	14.36	14.22	14.33		
5	QPSK	12	13	14.26	14.24	14.31		
5	QPSK	25	0	14.37	14.48	14.35		
5	16QAM	1	0	14.46	13.89	14.54	15.5	0
5	16QAM	1	12	14.11	14.10	14.32		
5	16QAM	1	24	14.20	13.71	14.23		
5	16QAM	12	0	14.14	14.23	14.06	15.5	0
5	16QAM	12	7	14.14	14.14	14.09		
5	16QAM	12	13	14.25	14.12	14.12		
5	16QAM	25	0	14.25	14.18	14.06		
5	64QAM	1	0	13.98	14.41	14.02	15.5	0
5	64QAM	1	12	13.99	14.39	14.44		
5	64QAM	1	24	14.39	13.97	14.10		
5	64QAM	12	0	14.07	14.17	14.19	15.5	0
5	64QAM	12	7	14.17	14.07	14.31		
5	64QAM	12	13	14.19	14.13	14.21		
5	64QAM	25	0	14.14	14.17	14.26		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	14.34	14.55	14.24	15.5	0
3	QPSK	1	8	14.25	14.20	14.12		
3	QPSK	1	14	14.07	14.19	14.13		
3	QPSK	8	0	14.36	14.41	14.19	15.5	0
3	QPSK	8	4	14.43	14.25	14.31		
3	QPSK	8	7	14.31	14.24	14.32		
3	QPSK	15	0	14.34	14.47	14.33		
3	16QAM	1	0	14.40	13.91	14.56	15.5	0
3	16QAM	1	8	14.12	14.05	14.30		
3	16QAM	1	14	14.15	13.75	14.27		
3	16QAM	8	0	14.15	14.17	14.13	15.5	0
3	16QAM	8	4	14.20	14.20	14.14		
3	16QAM	8	7	14.30	14.14	14.17		
3	16QAM	15	0	14.23	14.20	14.11		
3	64QAM	1	0	13.94	14.45	14.01	15.5	0
3	64QAM	1	8	13.99	14.35	14.42		
3	64QAM	1	14	14.40	13.91	14.02		
3	64QAM	8	0	14.14	14.21	14.14	15.5	0
3	64QAM	8	4	14.14	14.06	14.34		
3	64QAM	8	7	14.20	14.15	14.20		
3	64QAM	15	0	14.22	14.21	14.26		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	14.28	14.58	14.28	15.5	0
1.4	QPSK	1	3	14.21	14.21	14.07		
1.4	QPSK	1	5	14.05	14.14	14.17		
1.4	QPSK	3	0	14.35	14.42	14.19		
1.4	QPSK	3	1	14.44	14.25	14.26		
1.4	QPSK	3	3	14.36	14.26	14.31		
1.4	QPSK	6	0	14.28	14.42	14.30	15.5	0
1.4	16QAM	1	0	14.47	13.94	14.55	15.5	0
1.4	16QAM	1	3	14.15	14.09	14.35		
1.4	16QAM	1	5	14.10	13.74	14.25		
1.4	16QAM	3	0	14.09	14.20	14.12		
1.4	16QAM	3	1	14.16	14.13	14.14		
1.4	16QAM	3	3	14.31	14.16	14.23		
1.4	16QAM	6	0	14.21	14.18	14.08	15.5	0
1.4	64QAM	1	0	13.99	14.34	14.06	15.5	0
1.4	64QAM	1	3	14.02	14.36	14.39		
1.4	64QAM	1	5	14.37	13.87	14.09		
1.4	64QAM	3	0	14.10	14.25	14.18		
1.4	64QAM	3	1	14.20	14.06	14.32		
1.4	64QAM	3	3	14.22	14.21	14.16		
1.4	64QAM	6	0	14.24	14.18	14.19	15.5	0

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	7.47	7.58	7.56	8	0
20	QPSK	1	49	7.30	7.47	7.47		
20	QPSK	1	99	7.39	7.51	7.48		
20	QPSK	50	0	7.43	7.54	7.53	8	0
20	QPSK	50	24	7.33	7.53	7.47		
20	QPSK	50	50	7.41	7.50	7.45		
20	QPSK	100	0	7.38	7.57	7.56		
20	16QAM	1	0	6.77	7.22	7.49	8	0
20	16QAM	1	49	7.32	6.92	7.01		
20	16QAM	1	99	7.09	7.36	7.56		
20	16QAM	50	0	6.98	7.07	7.15	8	0
20	16QAM	50	24	7.13	7.16	7.10		
20	16QAM	50	50	7.24	7.31	7.32		
20	16QAM	100	0	7.03	7.10	7.19		
20	64QAM	1	0	7.37	7.02	7.51	8	0
20	64QAM	1	49	7.52	7.47	7.20		
20	64QAM	1	99	7.49	7.51	7.53		
20	64QAM	50	0	6.98	7.15	7.16	8	0
20	64QAM	50	24	7.11	7.08	7.27		
20	64QAM	50	50	7.20	7.25	7.37		
20	64QAM	100	0	7.11	7.22	7.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	7.42	7.53	7.47	8	0
15	QPSK	1	37	7.15	7.42	7.31		
15	QPSK	1	74	7.26	7.43	7.32		
15	QPSK	36	0	7.38	7.41	7.40	8	0
15	QPSK	36	20	7.17	7.37	7.40		
15	QPSK	36	39	7.33	7.41	7.39		
15	QPSK	75	0	7.30	7.45	7.41		
15	16QAM	1	0	6.69	7.07	7.39	8	0
15	16QAM	1	37	7.24	6.83	6.94		
15	16QAM	1	74	6.95	7.25	7.42		
15	16QAM	36	0	6.86	7.00	7.05	8	0
15	16QAM	36	20	7.08	7.09	7.03		
15	16QAM	36	39	7.11	7.24	7.18		
15	16QAM	75	0	6.97	6.95	7.07		
15	64QAM	1	0	7.24	6.96	7.42	8	0
15	64QAM	1	37	7.42	7.34	7.14		
15	64QAM	1	74	7.36	7.41	7.48		
15	64QAM	36	0	6.86	6.99	7.00	8	0
15	64QAM	36	20	7.03	7.02	7.19		
15	64QAM	36	39	7.11	7.19	7.22		
15	64QAM	75	0	7.01	7.12	7.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	7.38	7.46	7.40	8	0
10	QPSK	1	25	7.18	7.38	7.40		
10	QPSK	1	49	7.25	7.46	7.42		
10	QPSK	25	0	7.35	7.38	7.39	8	0
10	QPSK	25	12	7.24	7.43	7.37		
10	QPSK	25	25	7.29	7.37	7.40		
10	QPSK	50	0	7.31	7.49	7.49		
10	16QAM	1	0	6.72	7.17	7.41	8	0
10	16QAM	1	25	7.21	6.80	6.92		
10	16QAM	1	49	6.98	7.31	7.47		
10	16QAM	25	0	6.86	6.93	7.06	8	0
10	16QAM	25	12	7.07	7.10	6.95		
10	16QAM	25	25	7.11	7.23	7.21		
10	16QAM	50	0	6.87	6.95	7.10		
10	64QAM	1	0	7.28	6.86	7.45	8	0
10	64QAM	1	25	7.44	7.41	7.13		
10	64QAM	1	49	7.37	7.43	7.48		
10	64QAM	25	0	6.91	7.01	7.00	8	0
10	64QAM	25	12	6.97	7.00	7.11		
10	64QAM	25	25	7.10	7.11	7.22		
10	64QAM	50	0	6.99	7.11	7.11		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	7.40	7.48	7.47	8	0
5	QPSK	1	12	7.18	7.41	7.40		
5	QPSK	1	24	7.29	7.44	7.40		
5	QPSK	12	0	7.35	7.48	7.42	8	0
5	QPSK	12	7	7.17	7.42	7.39		
5	QPSK	12	13	7.32	7.40	7.34		
5	QPSK	25	0	7.28	7.44	7.49		
5	16QAM	1	0	6.67	7.13	7.39	8	0
5	16QAM	1	12	7.24	6.86	6.88		
5	16QAM	1	24	7.00	7.21	7.41		
5	16QAM	12	0	6.84	6.92	7.00	8	0
5	16QAM	12	7	6.99	7.10	7.01		
5	16QAM	12	13	7.19	7.23	7.27		
5	16QAM	25	0	6.98	7.05	7.14		
5	64QAM	1	0	7.27	6.87	7.41	8	0
5	64QAM	1	12	7.46	7.35	7.08		
5	64QAM	1	24	7.43	7.46	7.41		
5	64QAM	12	0	6.83	7.00	7.00	8	0
5	64QAM	12	7	7.02	6.99	7.16		
5	64QAM	12	13	7.06	7.15	7.32		
5	64QAM	25	0	6.99	7.12	7.11		

Band 7_Ant 31

BW [MHz]	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	23.52	23.65	23.58	25	0
20	QPSK	1	49	23.28	23.40	23.32		
20	QPSK	1	99	23.19	23.32	23.30		
20	QPSK	50	0	22.53	22.74	22.70	24	1
20	QPSK	50	24	22.31	22.35	22.53		
20	QPSK	50	50	22.34	22.45	22.67		
20	QPSK	100	0	22.51	22.65	22.63		
20	16QAM	1	0	22.55	22.59	22.67	24	1
20	16QAM	1	49	22.70	22.56	22.69		
20	16QAM	1	99	22.59	22.62	22.63		
20	16QAM	50	0	21.23	21.57	21.51	23	2
20	16QAM	50	24	21.34	21.41	21.53		
20	16QAM	50	50	21.33	21.57	21.60		
20	16QAM	100	0	21.42	21.61	21.65		
20	64QAM	1	0	21.32	21.35	21.76	23	2
20	64QAM	1	49	21.55	21.67	21.39		
20	64QAM	1	99	21.81	21.82	21.75		
20	64QAM	50	0	20.29	20.57	20.57	22	3
20	64QAM	50	24	20.31	20.47	20.60		
20	64QAM	50	50	20.35	20.61	20.73		
20	64QAM	100	0	20.46	20.64	20.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.31	23.31	23.62	25	0
15	QPSK	1	37	23.22	23.24	23.46		
15	QPSK	1	74	23.25	23.27	23.57		
15	QPSK	36	0	22.33	22.50	22.59	24	1
15	QPSK	36	20	22.52	22.52	22.66		
15	QPSK	36	39	22.42	22.54	22.66		
15	QPSK	75	0	22.51	22.48	22.59		
15	16QAM	1	0	22.68	22.54	22.82	24	1
15	16QAM	1	37	22.65	22.75	22.73		
15	16QAM	1	74	22.67	22.67	22.47		
15	16QAM	36	0	21.38	21.49	21.47	23	2
15	16QAM	36	20	21.54	21.53	21.64		
15	16QAM	36	39	21.61	21.43	21.71		
15	16QAM	75	0	21.50	21.60	21.61		
15	64QAM	1	0	21.72	21.66	21.59	23	2
15	64QAM	1	37	21.55	21.33	21.66		
15	64QAM	1	74	21.58	21.72	21.76		
15	64QAM	36	0	20.41	20.43	20.63	22	3
15	64QAM	36	20	20.54	20.60	20.59		
15	64QAM	36	39	20.59	20.67	20.70		
15	64QAM	75	0	20.56	20.59	20.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.25	23.57	23.47	25	0
10	QPSK	1	25	23.41	23.62	23.64		
10	QPSK	1	49	23.39	23.53	23.62		
10	QPSK	25	0	22.53	22.66	22.73	24	1
10	QPSK	25	12	22.71	22.73	22.86		
10	QPSK	25	25	22.64	22.73	22.88		
10	QPSK	50	0	22.59	22.65	22.90		
10	16QAM	1	0	22.82	23.00	22.84	24	1
10	16QAM	1	25	23.10	23.27	23.33		
10	16QAM	1	49	22.76	22.88	23.32		
10	16QAM	25	0	21.50	21.64	21.68	23	2
10	16QAM	25	12	21.64	21.56	21.80		
10	16QAM	25	25	21.61	21.67	21.89		
10	16QAM	50	0	21.58	21.63	21.91		
10	64QAM	1	0	21.66	21.57	21.96	23	2
10	64QAM	1	25	21.89	21.51	21.81		
10	64QAM	1	49	21.59	21.89	21.85		
10	64QAM	25	0	20.56	20.64	20.74	22	3
10	64QAM	25	12	20.64	20.65	20.75		
10	64QAM	25	25	20.51	20.74	20.81		
10	64QAM	50	0	20.59	20.70	20.87		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.17	23.45	23.47	25	0
5	QPSK	1	12	23.28	23.63	23.63		
5	QPSK	1	24	23.21	23.45	23.53		
5	QPSK	12	0	22.26	22.47	22.44	24	1
5	QPSK	12	7	22.42	22.64	22.65		
5	QPSK	12	13	22.36	22.69	22.69		
5	QPSK	25	0	22.44	22.52	22.60		
5	16QAM	1	0	22.51	22.43	22.67	24	1
5	16QAM	1	12	22.52	22.83	22.90		
5	16QAM	1	24	22.83	22.83	22.86		
5	16QAM	12	0	21.41	21.54	21.53	23	2
5	16QAM	12	7	21.68	21.68	21.79		
5	16QAM	12	13	21.64	21.89	21.80		
5	16QAM	25	0	21.61	21.65	21.68		
5	64QAM	1	0	21.56	21.81	21.64	23	2
5	64QAM	1	12	21.75	21.92	21.93		
5	64QAM	1	24	21.56	22.00	21.97		
5	64QAM	12	0	20.59	20.47	20.51	22	3
5	64QAM	12	7	20.45	20.62	20.64		
5	64QAM	12	13	20.67	20.62	20.74		
5	64QAM	25	0	20.57	20.50	20.58		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	10.99	11.15	11.09	12.5	0
20	QPSK	1	49	10.96	10.88	11.08		
20	QPSK	1	99	10.89	11.03	11.04		
20	QPSK	50	0	11.09	11.15	11.14	12.5	0
20	QPSK	50	24	11.08	10.98	11.11		
20	QPSK	50	50	11.05	11.05	11.08		
20	QPSK	100	0	10.97	11.08	11.03		
20	16QAM	1	0	10.81	10.90	10.97	12.5	0
20	16QAM	1	49	10.91	11.08	11.09		
20	16QAM	1	99	10.83	11.04	11.08		
20	16QAM	50	0	10.68	10.72	10.89	12.5	0
20	16QAM	50	24	10.78	10.76	10.95		
20	16QAM	50	50	10.80	10.79	10.92		
20	16QAM	100	0	10.71	10.66	10.85		
20	64QAM	1	0	10.72	10.66	10.89	12.5	0
20	64QAM	1	49	10.88	10.88	11.09		
20	64QAM	1	99	10.83	10.98	11.08		
20	64QAM	50	0	10.50	10.61	10.82	12.5	0
20	64QAM	50	24	10.64	10.66	10.89		
20	64QAM	50	50	10.59	10.83	10.99		
20	64QAM	100	0	10.54	10.74	10.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	10.85	10.99	11.00	12.5	0
15	QPSK	1	37	10.88	10.78	10.99		
15	QPSK	1	74	10.81	10.98	10.94		
15	QPSK	36	0	11.02	11.00	11.08	12.5	0
15	QPSK	36	20	10.96	10.89	11.02		
15	QPSK	36	39	10.93	10.97	10.99		
15	QPSK	75	0	10.82	11.02	10.87		
15	16QAM	1	0	10.72	10.77	10.81	12.5	0
15	16QAM	1	37	10.82	11.03	10.97		
15	16QAM	1	74	10.70	10.95	10.98		
15	16QAM	36	0	10.60	10.57	10.81	12.5	0
15	16QAM	36	20	10.69	10.62	10.90		
15	16QAM	36	39	10.66	10.63	10.81		
15	16QAM	75	0	10.59	10.60	10.73		
15	64QAM	1	0	10.61	10.60	10.83	12.5	0
15	64QAM	1	37	10.80	10.78	10.95		
15	64QAM	1	74	10.75	10.85	10.95		
15	64QAM	36	0	10.53	10.54	10.74	12.5	0
15	64QAM	36	20	10.58	10.55	10.83		
15	64QAM	36	39	10.53	10.67	10.93		
15	64QAM	75	0	10.56	10.63	10.76		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	10.85	11.05	10.93	12.5	0
10	QPSK	1	25	10.82	10.79	11.01		
10	QPSK	1	49	10.84	10.92	10.94		
10	QPSK	25	0	10.99	11.07	10.98	12.5	0
10	QPSK	25	12	10.99	10.82	10.97		
10	QPSK	25	25	10.92	11.00	10.94		
10	QPSK	50	0	10.85	10.92	10.92		
10	16QAM	1	0	10.76	10.76	10.84	12.5	0
10	16QAM	1	25	10.86	11.02	10.98		
10	16QAM	1	49	10.78	10.89	11.03		
10	16QAM	25	0	10.59	10.63	10.78	12.5	0
10	16QAM	25	12	10.70	10.63	10.86		
10	16QAM	25	25	10.67	10.68	10.83		
10	16QAM	50	0	10.65	10.52	10.77		
10	64QAM	1	0	10.64	10.53	10.82	12.5	0
10	64QAM	1	25	10.80	10.76	11.00		
10	64QAM	1	49	10.69	10.90	10.96		
10	64QAM	25	0	10.54	10.51	10.72	12.5	0
10	64QAM	25	12	10.54	10.50	10.82		
10	64QAM	25	25	10.52	10.69	10.94		
10	64QAM	50	0	10.53	10.58	10.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	10.84	11.01	11.04	12.5	0
5	QPSK	1	12	10.80	10.76	10.96		
5	QPSK	1	24	10.82	10.88	10.88		
5	QPSK	12	0	10.94	11.07	11.03	12.5	0
5	QPSK	12	7	10.94	10.86	11.05		
5	QPSK	12	13	10.99	10.94	10.96		
5	QPSK	25	0	10.88	10.92	10.96		
5	16QAM	1	0	10.70	10.83	10.92	12.5	0
5	16QAM	1	12	10.75	10.96	10.96		
5	16QAM	1	24	10.67	10.94	10.94		
5	16QAM	12	0	10.61	10.56	10.73	12.5	0
5	16QAM	12	7	10.68	10.66	10.86		
5	16QAM	12	13	10.67	10.63	10.86		
5	16QAM	25	0	10.66	10.51	10.76		
5	64QAM	1	0	10.61	10.58	10.75	12.5	0
5	64QAM	1	12	10.82	10.74	11.04		
5	64QAM	1	24	10.78	10.87	10.96		
5	64QAM	12	0	10.52	10.51	10.71	12.5	0
5	64QAM	12	7	10.51	10.55	10.74		
5	64QAM	12	13	10.51	10.69	10.83		
5	64QAM	25	0	10.52	10.68	10.74		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	7.74	7.81	7.43	8.5	0
20	QPSK	1	49	7.67	7.66	7.41		
20	QPSK	1	99	7.57	7.40	7.31		
20	QPSK	50	0	7.70	7.75	7.48	8.5	0
20	QPSK	50	24	7.67	7.56	7.43		
20	QPSK	50	50	7.65	7.53	7.38		
20	QPSK	100	0	7.68	7.76	7.33		
20	16QAM	1	0	7.57	7.76	7.41	8.5	0
20	16QAM	1	49	7.69	7.75	7.47		
20	16QAM	1	99	7.59	7.42	7.35		
20	16QAM	50	0	7.32	7.31	7.07	8.5	0
20	16QAM	50	24	7.37	7.29	7.16		
20	16QAM	50	50	7.32	7.24	7.12		
20	16QAM	100	0	7.36	7.25	7.03		
20	64QAM	1	0	7.54	7.61	7.30	8.5	0
20	64QAM	1	49	7.66	7.49	7.31		
20	64QAM	1	99	7.76	7.51	7.55		
20	64QAM	50	0	7.60	7.62	7.39	8.5	0
20	64QAM	50	24	7.67	7.60	7.41		
20	64QAM	50	50	7.62	7.51	7.39		
20	64QAM	100	0	7.65	7.54	7.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	7.58	7.66	7.30	8.5	0
15	QPSK	1	37	7.54	7.54	7.35		
15	QPSK	1	74	7.42	7.29	7.25		
15	QPSK	36	0	7.63	7.62	7.34	8.5	0
15	QPSK	36	20	7.56	7.50	7.35		
15	QPSK	36	39	7.54	7.41	7.23		
15	QPSK	75	0	7.55	7.68	7.17		
15	16QAM	1	0	7.41	7.62	7.34	8.5	0
15	16QAM	1	37	7.64	7.59	7.33		
15	16QAM	1	74	7.43	7.30	7.26		
15	16QAM	36	0	7.27	7.20	6.96	8.5	0
15	16QAM	36	20	7.24	7.18	7.08		
15	16QAM	36	39	7.21	7.08	7.00		
15	16QAM	75	0	7.23	7.16	6.87		
15	64QAM	1	0	7.40	7.47	7.15	8.5	0
15	64QAM	1	37	7.56	7.41	7.17		
15	64QAM	1	74	7.61	7.38	7.49		
15	64QAM	36	0	7.53	7.47	7.24	8.5	0
15	64QAM	36	20	7.55	7.48	7.31		
15	64QAM	36	39	7.57	7.44	7.30		
15	64QAM	75	0	7.53	7.46	7.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	7.65	7.68	7.37	8.5	0
10	QPSK	1	25	7.53	7.52	7.36		
10	QPSK	1	49	7.49	7.35	7.18		
10	QPSK	25	0	7.54	7.63	7.32	8.5	0
10	QPSK	25	12	7.59	7.46	7.27		
10	QPSK	25	25	7.55	7.44	7.25		
10	QPSK	50	0	7.56	7.62	7.25		
10	16QAM	1	0	7.41	7.69	7.33	8.5	0
10	16QAM	1	25	7.63	7.60	7.42		
10	16QAM	1	49	7.43	7.31	7.24		
10	16QAM	25	0	7.26	7.16	6.92	8.5	0
10	16QAM	25	12	7.21	7.18	7.06		
10	16QAM	25	25	7.25	7.15	6.98		
10	16QAM	50	0	7.28	7.12	6.92		
10	64QAM	1	0	7.45	7.51	7.21	8.5	0
10	64QAM	1	25	7.60	7.36	7.26		
10	64QAM	1	49	7.63	7.40	7.42		
10	64QAM	25	0	7.48	7.50	7.26	8.5	0
10	64QAM	25	12	7.61	7.44	7.33		
10	64QAM	25	25	7.51	7.40	7.23		
10	64QAM	50	0	7.57	7.41	7.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	7.67	7.70	7.35	8.5	0
5	QPSK	1	12	7.51	7.56	7.28		
5	QPSK	1	24	7.51	7.29	7.24		
5	QPSK	12	0	7.61	7.59	7.33	8.5	0
5	QPSK	12	7	7.55	7.46	7.33		
5	QPSK	12	13	7.54	7.46	7.27		
5	QPSK	25	0	7.63	7.62	7.24		
5	16QAM	1	0	7.48	7.65	7.27	8.5	0
5	16QAM	1	12	7.58	7.68	7.40		
5	16QAM	1	24	7.47	7.37	7.28		
5	16QAM	12	0	7.19	7.25	7.02	8.5	0
5	16QAM	12	7	7.30	7.24	7.07		
5	16QAM	12	13	7.27	7.10	7.02		
5	16QAM	25	0	7.26	7.16	6.89		
5	64QAM	1	0	7.43	7.52	7.25	8.5	0
5	64QAM	1	12	7.58	7.44	7.23		
5	64QAM	1	24	7.67	7.39	7.46		
5	64QAM	12	0	7.48	7.53	7.26	8.5	0
5	64QAM	12	7	7.55	7.54	7.26		
5	64QAM	12	13	7.48	7.42	7.32		
5	64QAM	25	0	7.54	7.43	7.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	7.60	7.68	7.34	8.5	0
3	QPSK	1	8	7.58	7.60	7.29		
3	QPSK	1	14	7.43	7.25	7.18		
3	QPSK	8	0	7.59	7.63	7.40	8.5	0
3	QPSK	8	4	7.53	7.46	7.31		
3	QPSK	8	7	7.52	7.37	7.33		
3	QPSK	15	0	7.63	7.69	7.20		
3	16QAM	1	0	7.42	7.71	7.31	8.5	0
3	16QAM	1	8	7.63	7.64	7.31		
3	16QAM	1	14	7.54	7.26	7.28		
3	16QAM	8	0	7.18	7.16	7.00	8.5	0
3	16QAM	8	4	7.32	7.14	7.00		
3	16QAM	8	7	7.18	7.17	7.01		
3	16QAM	15	0	7.28	7.12	6.98		
3	64QAM	1	0	7.39	7.50	7.24	8.5	0
3	64QAM	1	8	7.58	7.44	7.17		
3	64QAM	1	14	7.67	7.43	7.49		
3	64QAM	8	0	7.54	7.57	7.28	8.5	0
3	64QAM	8	4	7.57	7.51	7.28		
3	64QAM	8	7	7.54	7.46	7.31		
3	64QAM	15	0	7.60	7.46	7.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	7.64	7.75	7.31	8.5	0
1.4	QPSK	1	3	7.56	7.59	7.36		
1.4	QPSK	1	5	7.42	7.30	7.23		
1.4	QPSK	3	0	7.64	7.70	7.35		
1.4	QPSK	3	1	7.54	7.40	7.32		
1.4	QPSK	3	3	7.50	7.45	7.24		
1.4	QPSK	6	0	7.61	7.71	7.22	8.5	0
1.4	16QAM	1	0	7.41	7.71	7.31	8.5	0
1.4	16QAM	1	3	7.58	7.61	7.37		
1.4	16QAM	1	5	7.44	7.36	7.19		
1.4	16QAM	3	0	7.22	7.23	6.91		
1.4	16QAM	3	1	7.31	7.18	7.02		
1.4	16QAM	3	3	7.18	7.13	6.99		
1.4	16QAM	6	0	7.28	7.15	6.92	8.5	0
1.4	64QAM	1	0	7.45	7.49	7.20	8.5	0
1.4	64QAM	1	3	7.51	7.33	7.16		
1.4	64QAM	1	5	7.67	7.37	7.50		
1.4	64QAM	3	0	7.47	7.52	7.33		
1.4	64QAM	3	1	7.55	7.54	7.26		
1.4	64QAM	3	3	7.57	7.39	7.34		
1.4	64QAM	6	0	7.52	7.49	7.25	8.5	0

Band 66_Ant 31

BW [MHz]	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	23.65	23.89	23.72	25	0
20	QPSK	1	49	23.58	23.70	23.65		
20	QPSK	1	99	23.42	23.65	23.52		
20	QPSK	50	0	22.70	22.72	22.65	24	1
20	QPSK	50	24	22.66	22.53	22.54		
20	QPSK	50	50	22.61	22.59	22.55		
20	QPSK	100	0	22.65	22.71	22.70		
20	16QAM	1	0	23.00	22.48	22.97	24	1
20	16QAM	1	49	22.68	22.85	22.88		
20	16QAM	1	99	22.42	22.52	22.91		
20	16QAM	50	0	21.64	21.68	21.49	23	2
20	16QAM	50	24	21.65	21.48	21.73		
20	16QAM	50	50	21.45	21.58	21.63		
20	16QAM	100	0	21.72	21.60	21.72		
20	64QAM	1	0	21.73	21.62	21.65	23	2
20	64QAM	1	49	21.90	21.90	21.59		
20	64QAM	1	99	21.38	21.35	21.82		
20	64QAM	50	0	20.65	20.64	20.62	22	3
20	64QAM	50	24	20.67	20.71	20.71		
20	64QAM	50	50	20.58	20.67	20.76		
20	64QAM	100	0	20.67	20.42	20.76		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.22	23.45	23.49	25	0
15	QPSK	1	37	23.33	23.31	23.79		
15	QPSK	1	74	23.25	23.35	23.68		
15	QPSK	36	0	22.48	22.57	22.66	24	1
15	QPSK	36	20	22.48	22.67	22.62		
15	QPSK	36	39	22.51	22.72	22.70		
15	QPSK	75	0	22.51	22.67	22.67		
15	16QAM	1	0	22.65	22.70	22.84	24	1
15	16QAM	1	37	22.96	22.70	22.99		
15	16QAM	1	74	22.93	22.73	23.02		
15	16QAM	36	0	21.40	21.84	21.68	23	2
15	16QAM	36	20	21.39	21.54	21.67		
15	16QAM	36	39	21.50	21.60	21.66		
15	16QAM	75	0	21.54	21.65	21.68		
15	64QAM	1	0	21.60	21.54	21.55	23	2
15	64QAM	1	37	21.81	21.78	22.04		
15	64QAM	1	74	21.42	21.40	21.96		
15	64QAM	36	0	20.50	20.80	20.65	22	3
15	64QAM	36	20	20.61	20.71	20.62		
15	64QAM	36	39	20.52	20.64	20.60		
15	64QAM	75	0	20.57	20.58	20.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.32	23.46	23.38	25	0
10	QPSK	1	25	23.45	23.45	23.46		
10	QPSK	1	49	23.44	23.35	23.45		
10	QPSK	25	0	22.67	22.67	22.63	24	1
10	QPSK	25	12	22.62	22.75	22.56		
10	QPSK	25	25	22.58	22.61	22.59		
10	QPSK	50	0	22.66	22.64	22.63		
10	16QAM	1	0	22.75	22.97	22.94	24	1
10	16QAM	1	25	22.54	22.86	22.97		
10	16QAM	1	49	22.75	22.79	23.00		
10	16QAM	25	0	21.70	21.55	21.63	23	2
10	16QAM	25	12	21.64	21.64	21.61		
10	16QAM	25	25	21.60	21.54	21.75		
10	16QAM	50	0	21.62	21.66	21.55		
10	64QAM	1	0	21.53	21.70	21.57	23	2
10	64QAM	1	25	21.58	21.69	21.39		
10	64QAM	1	49	21.72	21.48	22.04		
10	64QAM	25	0	20.76	20.59	20.63	22	3
10	64QAM	25	12	20.63	20.63	20.65		
10	64QAM	25	25	20.63	20.67	20.68		
10	64QAM	50	0	20.64	20.65	20.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.41	23.41	23.73	25	0
5	QPSK	1	12	23.49	23.39	23.66		
5	QPSK	1	24	23.32	23.26	23.50		
5	QPSK	12	0	22.43	22.56	22.70	24	1
5	QPSK	12	7	22.48	22.57	22.72		
5	QPSK	12	13	22.40	22.49	22.70		
5	QPSK	25	0	22.49	22.56	22.75		
5	16QAM	1	0	22.72	22.63	23.10	24	1
5	16QAM	1	12	22.85	23.08	23.11		
5	16QAM	1	24	22.77	23.25	22.66		
5	16QAM	12	0	21.51	21.62	21.79	23	2
5	16QAM	12	7	21.46	21.77	21.80		
5	16QAM	12	13	21.38	21.80	21.76		
5	16QAM	25	0	21.37	21.78	21.68		
5	64QAM	1	0	21.97	21.93	21.61	23	2
5	64QAM	1	12	21.59	21.74	21.62		
5	64QAM	1	24	21.59	21.90	22.02		
5	64QAM	12	0	20.41	20.79	20.65	22	3
5	64QAM	12	7	20.51	20.80	20.67		
5	64QAM	12	13	20.45	20.78	20.77		
5	64QAM	25	0	20.50	20.74	20.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.40	23.47	23.46	25	0
3	QPSK	1	8	23.49	23.54	23.54		
3	QPSK	1	14	23.38	23.39	23.39		
3	QPSK	8	0	22.59	22.55	22.50	24	1
3	QPSK	8	4	22.54	22.62	22.56		
3	QPSK	8	7	22.52	22.51	22.50		
3	QPSK	15	0	22.64	22.54	22.46		
3	16QAM	1	0	22.60	22.82	22.82	24	1
3	16QAM	1	8	22.59	22.92	23.09		
3	16QAM	1	14	23.01	23.00	22.54		
3	16QAM	8	0	21.47	21.70	21.69	23	2
3	16QAM	8	4	21.53	21.65	21.63		
3	16QAM	8	7	21.67	21.63	21.75		
3	16QAM	15	0	21.48	21.47	21.62		
3	64QAM	1	0	21.68	21.82	21.86	23	2
3	64QAM	1	8	21.54	21.80	21.84		
3	64QAM	1	14	21.37	21.84	21.58		
3	64QAM	8	0	20.53	20.56	20.67	22	3
3	64QAM	8	4	20.62	20.53	20.74		
3	64QAM	8	7	20.73	20.57	20.66		
3	64QAM	15	0	20.56	20.55	20.60		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.21	23.49	23.50	25	0
1.4	QPSK	1	3	23.23	23.61	23.58		
1.4	QPSK	1	5	23.12	23.39	23.56		
1.4	QPSK	3	0	23.23	23.67	23.65		
1.4	QPSK	3	1	23.25	23.47	23.84		
1.4	QPSK	3	3	23.38	23.54	23.87		
1.4	QPSK	6	0	22.40	22.58	22.75	24	1
1.4	16QAM	1	0	22.72	22.65	22.88	24	1
1.4	16QAM	1	3	22.69	22.63	22.90		
1.4	16QAM	1	5	22.81	22.67	22.60		
1.4	16QAM	3	0	22.73	22.74	22.88		
1.4	16QAM	3	1	22.40	22.89	22.87		
1.4	16QAM	3	3	22.56	22.66	22.99		
1.4	16QAM	6	0	21.69	21.61	21.84	23	2
1.4	64QAM	1	0	21.75	21.63	21.62	23	2
1.4	64QAM	1	3	21.77	21.55	21.50		
1.4	64QAM	1	5	21.28	21.61	21.42		
1.4	64QAM	3	0	21.52	21.75	21.91		
1.4	64QAM	3	1	21.47	21.78	21.77		
1.4	64QAM	3	3	21.70	21.58	21.92		
1.4	64QAM	6	0	20.44	20.72	20.81	22	3

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	10.10	10.32	9.71	11.5	0
20	QPSK	1	49	9.99	10.06	9.84		
20	QPSK	1	99	10.04	9.81	9.50		
20	QPSK	50	0	10.16	10.20	9.66	11.5	0
20	QPSK	50	24	10.12	9.97	9.63		
20	QPSK	50	50	10.08	9.94	9.62		
20	QPSK	100	0	10.05	10.14	9.65		
20	16QAM	1	0	10.14	10.25	10.02	11.5	0
20	16QAM	1	49	10.14	10.15	9.99		
20	16QAM	1	99	10.21	9.99	9.91		
20	16QAM	50	0	9.87	9.70	9.67	11.5	0
20	16QAM	50	24	10.01	9.86	9.69		
20	16QAM	50	50	9.92	9.95	9.66		
20	16QAM	100	0	9.96	9.88	9.65		
20	64QAM	1	0	10.22	10.11	9.96	11.5	0
20	64QAM	1	49	10.20	10.05	9.88		
20	64QAM	1	99	10.17	9.78	9.82		
20	64QAM	50	0	9.91	9.93	9.74	11.5	0
20	64QAM	50	24	9.97	9.79	9.80		
20	64QAM	50	50	10.01	9.74	9.71		
20	64QAM	100	0	9.97	9.76	9.61		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.05	10.19	9.58	11.5	0
15	QPSK	1	37	9.92	9.96	9.54		
15	QPSK	1	74	9.93	9.72	9.56		
15	QPSK	36	0	10.05	10.06	9.53	11.5	0
15	QPSK	36	20	10.05	9.90	9.58		
15	QPSK	36	39	10.00	9.85	9.54		
15	QPSK	75	0	9.96	9.99	9.57		
15	16QAM	1	0	10.02	10.15	9.90	11.5	0
15	16QAM	1	37	10.04	9.99	9.88		
15	16QAM	1	74	10.16	9.85	9.82		
15	16QAM	36	0	9.78	9.58	9.56	11.5	0
15	16QAM	36	20	9.90	9.79	9.60		
15	16QAM	36	39	9.78	9.90	9.58		
15	16QAM	75	0	9.88	9.75	9.54		
15	64QAM	1	0	10.13	9.95	9.91	11.5	0
15	64QAM	1	37	10.14	10.00	9.82		
15	64QAM	1	74	10.04	9.70	9.69		
15	64QAM	36	0	9.83	9.82	9.66	11.5	0
15	64QAM	36	20	9.92	9.74	9.74		
15	64QAM	36	39	9.90	9.68	9.59		
15	64QAM	75	0	9.82	9.71	9.62		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	10.03	10.24	9.61	11.5	0
10	QPSK	1	25	9.89	9.92	9.56		
10	QPSK	1	49	9.99	9.66	9.59		
10	QPSK	25	0	10.07	10.05	9.52	11.5	0
10	QPSK	25	12	10.02	9.84	9.57		
10	QPSK	25	25	9.93	9.80	9.50		
10	QPSK	50	0	9.92	10.02	9.60		
10	16QAM	1	0	10.02	10.12	9.88	11.5	0
10	16QAM	1	25	10.04	10.09	9.85		
10	16QAM	1	49	10.16	9.92	9.78		
10	16QAM	25	0	9.73	9.61	9.57	11.5	0
10	16QAM	25	12	9.88	9.76	9.58		
10	16QAM	25	25	9.82	9.90	9.61		
10	16QAM	50	0	9.83	9.72	9.53		
10	64QAM	1	0	10.08	9.99	9.87	11.5	0
10	64QAM	1	25	10.09	9.98	9.72		
10	64QAM	1	49	10.10	9.66	9.73		
10	64QAM	25	0	9.86	9.83	9.61	11.5	0
10	64QAM	25	12	9.81	9.65	9.75		
10	64QAM	25	25	9.91	9.63	9.64		
10	64QAM	50	0	9.89	9.62	9.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	9.98	10.19	9.59	11.5	0
5	QPSK	1	12	9.88	10.01	9.56		
5	QPSK	1	24	9.89	9.66	9.54		
5	QPSK	12	0	10.02	10.13	9.59	11.5	0
5	QPSK	12	7	10.04	9.91	9.62		
5	QPSK	12	13	10.00	9.82	9.57		
5	QPSK	25	0	9.98	10.06	9.59		
5	16QAM	1	0	10.05	10.14	9.94	11.5	0
5	16QAM	1	12	10.04	10.07	9.94		
5	16QAM	1	24	10.10	9.98	9.86		
5	16QAM	12	0	9.77	9.56	9.55	11.5	0
5	16QAM	12	7	9.88	9.71	9.62		
5	16QAM	12	13	9.83	9.83	9.59		
5	16QAM	25	0	9.91	9.74	9.52		
5	64QAM	1	0	10.15	10.04	9.84	11.5	0
5	64QAM	1	12	10.14	10.00	9.75		
5	64QAM	1	24	10.11	9.72	9.66		
5	64QAM	12	0	9.79	9.87	9.62	11.5	0
5	64QAM	12	7	9.81	9.68	9.75		
5	64QAM	12	13	9.94	9.68	9.60		
5	64QAM	25	0	9.92	9.61	9.54		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	10.03	10.23	9.58	11.5	0
3	QPSK	1	8	9.88	9.97	9.58		
3	QPSK	1	14	9.96	9.70	9.59		
3	QPSK	8	0	10.03	10.13	9.57	11.5	0
3	QPSK	8	4	9.96	9.81	9.51		
3	QPSK	8	7	9.92	9.83	9.56		
3	QPSK	15	0	9.94	10.05	9.50		
3	16QAM	1	0	10.00	10.09	9.89	11.5	0
3	16QAM	1	8	10.02	10.06	9.86		
3	16QAM	1	14	10.16	9.90	9.78		
3	16QAM	8	0	9.71	9.60	9.52	11.5	0
3	16QAM	8	4	9.88	9.75	9.62		
3	16QAM	8	7	9.80	9.80	9.58		
3	16QAM	15	0	9.82	9.73	9.59		
3	64QAM	1	0	10.16	9.98	9.89	11.5	0
3	64QAM	1	8	10.15	9.90	9.83		
3	64QAM	1	14	10.09	9.69	9.67		
3	64QAM	8	0	9.78	9.77	9.67	11.5	0
3	64QAM	8	4	9.90	9.74	9.75		
3	64QAM	8	7	9.85	9.67	9.63		
3	64QAM	15	0	9.92	9.65	9.54		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	9.96	10.23	9.56	11.5	0
1.4	QPSK	1	3	9.85	9.94	9.56		
1.4	QPSK	1	5	9.94	9.67	9.62		
1.4	QPSK	3	0	10.10	10.11	9.67		
1.4	QPSK	3	1	10.00	9.81	9.62		
1.4	QPSK	3	3	10.03	9.78	9.53		
1.4	QPSK	6	0	9.97	10.04	9.55	11.5	0
1.4	16QAM	1	0	9.98	10.12	9.96	11.5	0
1.4	16QAM	1	3	9.99	9.99	9.91		
1.4	16QAM	1	5	10.11	9.87	9.84		
1.4	16QAM	3	0	9.76	9.59	9.54		
1.4	16QAM	3	1	9.94	9.74	9.63		
1.4	16QAM	3	3	9.79	9.83	9.55		
1.4	16QAM	6	0	9.81	9.80	9.56	11.5	0
1.4	64QAM	1	0	10.16	10.06	9.84	11.5	0
1.4	64QAM	1	3	10.14	9.89	9.83		
1.4	64QAM	1	5	10.10	9.68	9.69		
1.4	64QAM	3	0	9.81	9.83	9.61		
1.4	64QAM	3	1	9.92	9.63	9.74		
1.4	64QAM	3	3	9.91	9.67	9.55		
1.4	64QAM	6	0	9.81	9.63	9.50	11.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	9.21	9.26	9.13	9.7	0
20	QPSK	1	49	9.04	8.94	8.91		
20	QPSK	1	99	9.12	9.01	8.81		
20	QPSK	50	0	9.15	9.16	8.89	9.7	0
20	QPSK	50	24	9.03	9.06	9.07		
20	QPSK	50	50	9.06	8.81	8.87		
20	QPSK	100	0	9.06	9.08	8.90		
20	16QAM	1	0	8.99	8.93	9.02	9.7	0
20	16QAM	1	49	9.08	9.03	8.94		
20	16QAM	1	99	9.25	9.19	9.06		
20	16QAM	50	0	9.06	9.10	9.17	9.7	0
20	16QAM	50	24	8.82	9.12	9.15		
20	16QAM	50	50	9.13	8.99	8.80		
20	16QAM	100	0	9.09	8.99	8.85		
20	64QAM	1	0	9.07	8.91	8.99	9.7	0
20	64QAM	1	49	9.10	8.96	8.96		
20	64QAM	1	99	9.23	8.80	9.17		
20	64QAM	50	0	9.20	9.08	9.16	9.7	0
20	64QAM	50	24	9.12	9.16	9.07		
20	64QAM	50	50	9.10	8.77	8.85		
20	64QAM	100	0	9.14	8.99	8.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	9.08	9.14	9.01	9.7	0
15	QPSK	1	37	8.89	8.81	8.82		
15	QPSK	1	74	9.02	8.91	8.71		
15	QPSK	36	0	9.08	9.07	8.75	9.7	0
15	QPSK	36	20	8.89	8.99	9.00		
15	QPSK	36	39	8.98	8.66	8.78		
15	QPSK	75	0	9.01	9.01	8.79		
15	16QAM	1	0	8.84	8.77	8.97	9.7	0
15	16QAM	1	37	8.99	8.90	8.78		
15	16QAM	1	74	9.18	9.09	8.92		
15	16QAM	36	0	8.99	8.98	9.01	9.7	0
15	16QAM	36	20	8.74	9.01	9.10		
15	16QAM	36	39	9.07	8.93	8.67		
15	16QAM	75	0	9.03	8.84	8.79		
15	64QAM	1	0	8.96	8.86	8.91	9.7	0
15	64QAM	1	37	8.97	8.91	8.86		
15	64QAM	1	74	9.08	8.64	9.01		
15	64QAM	36	0	9.11	8.96	9.05	9.7	0
15	64QAM	36	20	9.06	9.10	8.91		
15	64QAM	36	39	8.98	8.72	8.75		
15	64QAM	75	0	9.06	8.83	8.81		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	9.10	9.10	9.03	9.7	0
10	QPSK	1	25	8.92	8.89	8.80		
10	QPSK	1	49	8.96	8.94	8.71		
10	QPSK	25	0	9.05	9.09	8.78	9.7	0
10	QPSK	25	12	8.92	8.91	9.02		
10	QPSK	25	25	8.98	8.68	8.74		
10	QPSK	50	0	8.99	8.95	8.82		
10	16QAM	1	0	8.90	8.88	8.93	9.7	0
10	16QAM	1	25	8.94	8.89	8.81		
10	16QAM	1	49	9.13	9.05	8.91		
10	16QAM	25	0	8.94	8.94	9.06	9.7	0
10	16QAM	25	12	8.70	9.03	9.07		
10	16QAM	25	25	8.97	8.84	8.71		
10	16QAM	50	0	8.99	8.85	8.71		
10	64QAM	1	0	8.91	8.78	8.87	9.7	0
10	64QAM	1	25	8.94	8.85	8.90		
10	64QAM	1	49	9.14	8.74	9.08		
10	64QAM	25	0	9.14	8.96	9.02	9.7	0
10	64QAM	25	12	9.01	9.03	8.99		
10	64QAM	25	25	8.98	8.68	8.78		
10	64QAM	50	0	9.03	8.93	8.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	9.06	9.21	9.06	9.7	0
5	QPSK	1	12	8.97	8.78	8.86		
5	QPSK	1	24	8.99	8.90	8.76		
5	QPSK	12	0	9.00	9.04	8.74	9.7	0
5	QPSK	12	7	8.90	8.95	9.00		
5	QPSK	12	13	8.91	8.68	8.81		
5	QPSK	25	0	8.98	8.96	8.84		
5	16QAM	1	0	8.87	8.81	8.95	9.7	0
5	16QAM	1	12	9.00	8.91	8.79		
5	16QAM	1	24	9.18	9.10	8.95		
5	16QAM	12	0	8.97	8.94	9.07	9.7	0
5	16QAM	12	7	8.86	9.04	9.00		
5	16QAM	12	13	8.97	8.89	8.65		
5	16QAM	25	0	8.99	8.85	8.80		
5	64QAM	1	0	8.94	8.79	8.94	9.7	0
5	64QAM	1	12	9.02	8.86	8.88		
5	64QAM	1	24	9.08	8.72	9.02		
5	64QAM	12	0	9.10	9.03	9.07	9.7	0
5	64QAM	12	7	8.97	9.10	8.91		
5	64QAM	12	13	8.97	8.68	8.79		
5	64QAM	25	0	9.09	8.85	8.86		

Band 38_Ant 31

BW [MHz]	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	23.52	23.79	23.61	25	0
20	QPSK	1	49	23.42	23.48	23.53		
20	QPSK	1	99	23.41	23.37	23.53		
20	QPSK	50	0	22.65	22.77	22.71	24	1
20	QPSK	50	24	22.55	22.50	22.68		
20	QPSK	50	50	22.54	22.54	22.65		
20	QPSK	100	0	22.61	22.73	22.65		
20	16QAM	1	0	22.45	22.62	22.44	24	1
20	16QAM	1	49	22.63	22.81	22.52		
20	16QAM	1	99	22.44	22.57	22.86		
20	16QAM	50	0	21.53	21.51	21.50	23	2
20	16QAM	50	24	21.54	21.54	21.70		
20	16QAM	50	50	21.54	21.64	21.74		
20	16QAM	100	0	21.55	21.54	21.65		
20	64QAM	1	0	21.54	21.31	21.61	23	2
20	64QAM	1	49	21.65	21.54	21.79		
20	64QAM	1	99	21.48	21.58	21.41		
20	64QAM	50	0	20.38	20.56	20.61	22	3
20	64QAM	50	24	20.56	20.55	20.78		
20	64QAM	50	50	20.57	20.72	20.77		
20	64QAM	100	0	20.67	20.62	20.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.36	23.25	23.35	25	0
15	QPSK	1	37	23.39	23.40	23.32		
15	QPSK	1	74	23.42	23.32	23.70		
15	QPSK	36	0	22.32	22.45	22.54	24	1
15	QPSK	36	20	22.60	22.55	22.62		
15	QPSK	36	39	22.54	22.58	22.58		
15	QPSK	75	0	22.51	22.52	22.57		
15	16QAM	1	0	22.58	22.16	22.49	24	1
15	16QAM	1	37	22.37	22.25	22.22		
15	16QAM	1	74	22.60	22.58	22.59		
15	16QAM	36	0	21.49	21.40	21.46	23	2
15	16QAM	36	20	21.69	21.52	21.64		
15	16QAM	36	39	21.68	21.61	21.63		
15	16QAM	75	0	21.63	21.48	21.64		
15	64QAM	1	0	21.07	21.48	21.41	23	2
15	64QAM	1	37	21.42	21.09	21.15		
15	64QAM	1	74	21.45	21.14	21.09		
15	64QAM	36	0	20.42	20.49	20.54	22	3
15	64QAM	36	20	20.75	20.64	20.72		
15	64QAM	36	39	20.57	20.64	20.66		
15	64QAM	75	0	20.60	20.43	20.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.32	23.40	23.46	25	0
10	QPSK	1	25	23.35	23.58	23.53		
10	QPSK	1	49	23.33	23.29	23.39		
10	QPSK	25	0	22.47	22.48	22.45	24	1
10	QPSK	25	12	22.44	22.50	22.68		
10	QPSK	25	25	22.47	22.62	22.69		
10	QPSK	50	0	22.56	22.56	22.69		
10	16QAM	1	0	22.60	22.23	22.34	24	1
10	16QAM	1	25	22.61	22.27	22.66		
10	16QAM	1	49	22.35	22.47	22.66		
10	16QAM	25	0	21.20	21.51	21.49	23	2
10	16QAM	25	12	21.58	21.52	21.70		
10	16QAM	25	25	21.44	21.61	21.57		
10	16QAM	50	0	21.52	21.57	21.63		
10	64QAM	1	0	21.56	21.36	21.37	23	2
10	64QAM	1	25	21.39	21.47	21.23		
10	64QAM	1	49	21.69	21.49	21.40		
10	64QAM	25	0	20.44	20.59	20.50	22	3
10	64QAM	25	12	20.50	20.57	20.76		
10	64QAM	25	25	20.51	20.61	20.65		
10	64QAM	50	0	20.59	20.55	20.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.25	23.28	23.40	25	0
5	QPSK	1	12	23.29	23.27	23.30		
5	QPSK	1	24	23.35	23.53	23.41		
5	QPSK	12	0	22.30	22.36	22.53	24	1
5	QPSK	12	7	22.36	22.43	22.59		
5	QPSK	12	13	22.38	22.55	22.45		
5	QPSK	25	0	22.40	22.47	22.48		
5	16QAM	1	0	22.32	22.42	22.84	24	1
5	16QAM	1	12	22.42	22.41	22.83		
5	16QAM	1	24	22.42	22.50	22.50		
5	16QAM	12	0	21.35	21.52	21.26	23	2
5	16QAM	12	7	21.36	21.54	21.77		
5	16QAM	12	13	21.45	21.56	21.76		
5	16QAM	25	0	21.39	21.58	21.81		
5	64QAM	1	0	21.27	21.23	21.89	23	2
5	64QAM	1	12	21.25	21.45	21.84		
5	64QAM	1	24	21.40	21.25	21.71		
5	64QAM	12	0	20.39	20.42	20.77	22	3
5	64QAM	12	7	20.44	20.53	20.86		
5	64QAM	12	13	20.54	20.65	20.88		
5	64QAM	25	0	20.45	20.46	20.93		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.58	13.84	13.64	15	0
20	QPSK	1	49	13.47	13.65	13.56		
20	QPSK	1	99	13.40	13.58	13.54		
20	QPSK	50	0	13.41	13.79	13.64	15	0
20	QPSK	50	24	13.49	13.65	13.64		
20	QPSK	50	50	13.42	13.62	13.74		
20	QPSK	100	0	13.40	13.77	13.67		
20	16QAM	1	0	13.30	13.79	13.62	15	0
20	16QAM	1	49	13.50	13.46	13.21		
20	16QAM	1	99	13.75	13.68	13.78		
20	16QAM	50	0	13.14	13.44	13.52	15	0
20	16QAM	50	24	13.30	13.45	13.66		
20	16QAM	50	50	13.22	13.65	13.64		
20	16QAM	100	0	13.23	13.46	13.57		
20	64QAM	1	0	13.34	13.63	13.68	15	0
20	64QAM	1	49	13.69	13.58	13.78		
20	64QAM	1	99	13.35	13.83	13.81		
20	64QAM	50	0	13.38	13.60	13.44	15	0
20	64QAM	50	24	13.41	13.55	13.60		
20	64QAM	50	50	13.40	13.53	13.61		
20	64QAM	100	0	13.34	13.45	13.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.53	13.69	13.57	15	0
15	QPSK	1	37	13.40	13.54	13.41		
15	QPSK	1	74	13.32	13.51	13.42		
15	QPSK	36	0	13.33	13.66	13.49	15	0
15	QPSK	36	20	13.41	13.59	13.52		
15	QPSK	36	39	13.28	13.57	13.68		
15	QPSK	75	0	13.34	13.62	13.53		
15	16QAM	1	0	13.23	13.66	13.56	15	0
15	16QAM	1	37	13.37	13.35	13.08		
15	16QAM	1	74	13.68	13.53	13.68		
15	16QAM	36	0	13.00	13.31	13.39	15	0
15	16QAM	36	20	13.21	13.40	13.58		
15	16QAM	36	39	13.07	13.58	13.54		
15	16QAM	75	0	13.16	13.35	13.52		
15	64QAM	1	0	13.19	13.52	13.55	15	0
15	64QAM	1	37	13.61	13.53	13.65		
15	64QAM	1	74	13.28	13.73	13.71		
15	64QAM	36	0	13.26	13.53	13.37	15	0
15	64QAM	36	20	13.33	13.44	13.44		
15	64QAM	36	39	13.29	13.41	13.51		
15	64QAM	75	0	13.28	13.35	13.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.50	13.68	13.59	15	0
10	QPSK	1	25	13.36	13.55	13.45		
10	QPSK	1	49	13.35	13.43	13.45		
10	QPSK	25	0	13.31	13.72	13.59	15	0
10	QPSK	25	12	13.36	13.56	13.53		
10	QPSK	25	25	13.33	13.53	13.69		
10	QPSK	50	0	13.29	13.65	13.57		
10	16QAM	1	0	13.24	13.70	13.49	15	0
10	16QAM	1	25	13.38	13.37	13.08		
10	16QAM	1	49	13.63	13.54	13.62		
10	16QAM	25	0	13.05	13.34	13.37	15	0
10	16QAM	25	12	13.22	13.35	13.61		
10	16QAM	25	25	13.15	13.49	13.56		
10	16QAM	50	0	13.12	13.38	13.48		
10	64QAM	1	0	13.28	13.53	13.57	15	0
10	64QAM	1	25	13.58	13.45	13.68		
10	64QAM	1	49	13.28	13.77	13.76		
10	64QAM	25	0	13.22	13.51	13.37	15	0
10	64QAM	25	12	13.36	13.45	13.49		
10	64QAM	25	25	13.29	13.41	13.48		
10	64QAM	50	0	13.26	13.32	13.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.47	13.75	13.49	15	0
5	QPSK	1	12	13.34	13.50	13.44		
5	QPSK	1	24	13.24	13.50	13.48		
5	QPSK	12	0	13.36	13.71	13.52	15	0
5	QPSK	12	7	13.33	13.58	13.55		
5	QPSK	12	13	13.26	13.57	13.58		
5	QPSK	25	0	13.24	13.61	13.57		
5	16QAM	1	0	13.24	13.64	13.50	15	0
5	16QAM	1	12	13.42	13.37	13.05		
5	16QAM	1	24	13.62	13.55	13.67		
5	16QAM	12	0	13.06	13.37	13.47	15	0
5	16QAM	12	7	13.15	13.38	13.57		
5	16QAM	12	13	13.10	13.53	13.48		
5	16QAM	25	0	13.12	13.33	13.42		
5	64QAM	1	0	13.21	13.55	13.63	15	0
5	64QAM	1	12	13.62	13.44	13.64		
5	64QAM	1	24	13.27	13.67	13.74		
5	64QAM	12	0	13.33	13.51	13.28	15	0
5	64QAM	12	7	13.29	13.41	13.55		
5	64QAM	12	13	13.29	13.47	13.54		
5	64QAM	25	0	13.19	13.37	13.60		

Band 41_Ant 13

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	9.00	9.05	9.17	8.93	8.82	9.5	0
20	QPSK	1	49	8.81	9.02	8.86	8.71	8.74		
20	QPSK	1	99	8.86	9.03	8.90	8.87	8.60		
20	QPSK	50	0	9.07	9.05	9.08	8.97	8.82	9.5	0
20	QPSK	50	24	9.04	9.04	8.94	8.87	8.67		
20	QPSK	50	50	8.84	9.01	8.97	8.85	8.67		
20	QPSK	100	0	9.11	9.06	9.12	8.86	8.82		
20	16QAM	1	0	9.02	9.06	8.91	8.83	8.75	9.5	0
20	16QAM	1	49	9.08	9.09	8.86	8.83	8.70		
20	16QAM	1	99	9.14	9.05	8.77	8.84	8.92		
20	16QAM	50	0	9.04	9.05	8.73	8.78	8.80	9.5	0
20	16QAM	50	24	9.07	9.13	9.08	9.09	9.04		
20	16QAM	50	50	8.87	9.11	9.14	9.06	8.78		
20	16QAM	100	0	8.90	9.03	8.82	8.86	8.78		
20	64QAM	1	0	8.91	9.00	8.88	8.71	8.74	9.5	0
20	64QAM	1	49	8.97	9.08	8.81	8.86	8.81		
20	64QAM	1	99	8.98	9.00	8.91	8.90	9.13		
20	64QAM	50	0	9.11	9.01	8.89	8.78	9.01	9.5	0
20	64QAM	50	24	9.12	9.16	9.07	8.68	9.00		
20	64QAM	50	50	8.88	9.01	9.09	8.99	8.71		
20	64QAM	100	0	9.00	9.04	8.87	8.63	8.75		
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	8.88	8.94	9.05	8.70	8.58	9.5	0
15	QPSK	1	37	8.68	8.97	8.75	8.60	8.65		
15	QPSK	1	74	8.79	8.94	8.83	8.75	8.51		
15	QPSK	36	0	8.85	8.90	8.98	8.80	8.73	9.5	0
15	QPSK	36	20	8.99	8.95	8.87	8.87	8.53		
15	QPSK	36	39	8.71	8.96	8.86	8.77	8.59		
15	QPSK	75	0	9.04	8.99	9.06	8.70	8.75		
15	16QAM	1	0	8.93	8.98	8.75	8.68	8.69	9.5	0
15	16QAM	1	37	9.03	8.93	8.77	8.75	8.65		
15	16QAM	1	74	9.00	8.99	8.70	8.70	8.85		
15	16QAM	36	0	8.92	8.94	8.68	8.64	8.65	9.5	0
15	16QAM	36	20	9.01	9.03	8.96	8.96	8.98		
15	16QAM	36	39	8.80	8.98	9.00	8.97	8.66		
15	16QAM	75	0	8.81	8.93	8.67	8.78	8.64		
15	64QAM	1	0	8.78	8.95	8.79	8.61	8.68	9.5	0
15	64QAM	1	37	8.85	8.98	8.70	8.73	8.72		
15	64QAM	1	74	8.86	8.88	8.84	8.75	9.08		
15	64QAM	36	0	8.96	8.96	8.80	8.62	8.96	9.5	0
15	64QAM	36	20	9.00	9.06	8.95	8.62	8.88		
15	64QAM	36	39	8.83	8.92	8.95	8.89	8.63		
15	64QAM	75	0	8.87	8.95	8.75	8.47	8.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	8.86	8.96	9.02	8.77	8.59	9.5	0
10	QPSK	1	25	8.72	8.96	8.72	8.58	8.58		
10	QPSK	1	49	8.80	8.93	8.81	8.72	8.54		
10	QPSK	25	0	8.83	8.92	9.00	8.76	8.76	9.5	0
10	QPSK	25	12	8.97	8.91	8.82	8.90	8.59		
10	QPSK	25	25	8.74	8.88	8.82	8.79	8.54		
10	QPSK	50	0	9.06	8.90	8.97	8.77	8.74		
10	16QAM	1	0	8.93	8.90	8.76	8.69	8.63	9.5	0
10	16QAM	1	25	8.93	9.04	8.77	8.67	8.56		
10	16QAM	1	49	9.06	8.93	8.66	8.76	8.83		
10	16QAM	25	0	8.96	8.90	8.64	8.68	8.72	9.5	0
10	16QAM	25	12	8.97	9.06	8.95	9.01	8.94		
10	16QAM	25	25	8.72	9.04	9.04	9.01	8.64		
10	16QAM	50	0	8.78	8.94	8.68	8.72	8.68		
10	64QAM	1	0	8.77	8.95	8.74	8.63	8.62	9.5	0
10	64QAM	1	25	8.92	8.97	8.71	8.74	8.76		
10	64QAM	1	49	8.91	8.94	8.75	8.76	8.98		
10	64QAM	25	0	9.00	8.86	8.84	8.65	8.95	9.5	0
10	64QAM	25	12	9.04	9.10	8.94	8.60	8.90		
10	64QAM	25	25	8.73	8.87	8.97	8.92	8.63		
10	64QAM	50	0	8.89	8.94	8.82	8.58	8.66		
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	8.88	8.98	9.10	8.68	8.60	9.5	0
5	QPSK	1	12	8.67	8.92	8.70	8.57	8.68		
5	QPSK	1	24	8.78	8.93	8.79	8.74	8.55		
5	QPSK	12	0	8.83	8.92	8.93	8.79	8.76	9.5	0
5	QPSK	12	7	8.89	8.88	8.78	8.83	8.55		
5	QPSK	12	13	8.68	8.96	8.91	8.80	8.57		
5	QPSK	25	0	8.98	8.99	9.03	8.74	8.74		
5	16QAM	1	0	8.86	8.96	8.86	8.70	8.70	9.5	0
5	16QAM	1	12	8.98	8.97	8.73	8.77	8.59		
5	16QAM	1	24	9.07	8.91	8.69	8.68	8.80		
5	16QAM	12	0	8.93	8.99	8.57	8.71	8.65	9.5	0
5	16QAM	12	7	8.94	8.98	8.97	8.98	8.93		
5	16QAM	12	13	8.75	9.02	8.99	8.97	8.73		
5	16QAM	25	0	8.82	8.95	8.74	8.75	8.72		
5	64QAM	1	0	8.85	8.89	8.83	8.66	8.59	9.5	0
5	64QAM	1	12	8.85	8.92	8.72	8.81	8.67		
5	64QAM	1	24	8.91	8.84	8.84	8.75	9.05		
5	64QAM	12	0	8.95	8.95	8.80	8.63	8.87	9.5	0
5	64QAM	12	7	9.04	9.09	8.98	8.59	8.89		
5	64QAM	12	13	8.75	8.90	9.00	8.94	8.59		
5	64QAM	25	0	8.90	8.92	8.82	8.54	8.67		

Band 41_Ant 31

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	23.58	23.52	23.82	23.72	23.62	25	0
20	QPSK	1	49	23.48	23.42	23.75	23.70	23.58		
20	QPSK	1	99	23.41	23.38	23.71	23.65	23.51		
20	QPSK	50	0	22.28	22.60	22.79	22.74	22.45	24	1
20	QPSK	50	24	22.27	22.58	22.49	22.71	22.28		
20	QPSK	50	50	22.32	22.39	22.64	22.72	22.38		
20	QPSK	100	0	22.26	22.40	22.76	22.73	22.38		
20	16QAM	1	0	22.30	22.09	22.42	22.62	22.63	24	1
20	16QAM	1	49	22.09	22.47	22.38	22.46	22.20		
20	16QAM	1	99	22.11	22.35	22.41	22.60	22.46		
20	16QAM	50	0	21.35	21.35	21.57	21.56	21.45	23	2
20	16QAM	50	24	21.49	21.57	21.61	21.63	21.60		
20	16QAM	50	50	21.45	21.50	21.67	21.74	21.55		
20	16QAM	100	0	21.49	21.42	21.54	21.71	21.44		
20	64QAM	1	0	21.43	21.42	21.52	21.52	21.46	23	2
20	64QAM	1	49	21.73	21.50	21.74	21.50	21.45		
20	64QAM	1	99	21.67	21.50	21.80	21.53	21.36		
20	64QAM	50	0	20.46	20.28	20.56	20.72	20.41	22	3
20	64QAM	50	24	20.60	20.49	20.54	20.80	20.54		
20	64QAM	50	50	20.49	20.38	20.77	20.71	20.51		
20	64QAM	100	0	20.47	20.63	20.58	20.73	20.63		
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	23.52	23.42	23.67	23.62	23.55	25	0
15	QPSK	1	37	23.33	23.36	23.69	23.57	23.43		
15	QPSK	1	74	23.31	23.32	23.60	23.54	23.43		
15	QPSK	36	0	22.34	22.37	22.48	22.49	22.48	24	1
15	QPSK	36	20	22.35	22.45	22.39	22.47	22.43		
15	QPSK	36	39	22.33	22.53	22.59	22.58	22.53		
15	QPSK	75	0	22.39	22.50	22.40	22.49	22.42		
15	16QAM	1	0	22.59	22.62	22.96	23.37	22.90	24	1
15	16QAM	1	37	22.37	22.93	22.64	22.74	22.69		
15	16QAM	1	74	22.34	22.65	23.17	23.12	22.63		
15	16QAM	36	0	21.19	21.45	21.57	21.51	21.39	23	2
15	16QAM	36	20	21.37	21.52	21.64	21.42	21.44		
15	16QAM	36	39	21.28	21.63	21.63	21.57	21.47		
15	16QAM	75	0	21.37	21.55	21.45	21.42	21.41		
15	64QAM	1	0	21.32	21.31	21.36	21.36	21.30	23	2
15	64QAM	1	37	21.58	21.37	21.59	21.38	21.32		
15	64QAM	1	74	21.55	21.45	21.71	21.41	21.25		
15	64QAM	36	0	20.28	20.51	20.38	20.49	20.45	22	3
15	64QAM	36	20	20.31	20.57	20.57	20.45	20.51		
15	64QAM	36	39	20.23	20.59	20.69	20.59	20.64		
15	64QAM	75	0	20.37	20.54	20.48	20.56	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.49	23.43	23.74	23.61	23.54	25	0
10	QPSK	1	25	23.34	23.29	23.59	23.60	23.45		
10	QPSK	1	49	23.32	23.33	23.59	23.49	23.35		
10	QPSK	25	0	22.28	22.54	22.63	22.67	22.59	24	1
10	QPSK	25	12	22.35	22.65	22.71	22.79	22.56		
10	QPSK	25	25	22.37	22.73	22.78	22.74	22.63		
10	QPSK	50	0	22.42	22.62	22.70	22.69	22.59		
10	16QAM	1	0	22.09	22.62	22.37	22.57	22.37	24	1
10	16QAM	1	25	22.41	22.66	22.52	22.61	22.41		
10	16QAM	1	49	22.40	22.46	22.73	22.58	22.50		
10	16QAM	25	0	21.39	21.55	21.59	21.64	21.46	23	2
10	16QAM	25	12	21.41	21.77	21.68	21.66	21.54		
10	16QAM	25	25	21.36	21.66	21.66	21.70	21.70		
10	16QAM	50	0	21.47	21.71	21.64	21.73	21.63		
10	64QAM	1	0	21.30	21.29	21.45	21.44	21.36	23	2
10	64QAM	1	25	21.64	21.38	21.68	21.39	21.34		
10	64QAM	1	49	21.57	21.42	21.67	21.48	21.23		
10	64QAM	25	0	20.49	20.46	20.58	20.69	20.61	22	3
10	64QAM	25	12	20.50	20.71	20.64	20.72	20.56		
10	64QAM	25	25	20.46	20.71	20.81	20.79	20.69		
10	64QAM	50	0	20.54	20.67	20.69	20.73	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.45	23.38	23.67	23.66	23.46	25	0
5	QPSK	1	12	23.41	23.26	23.70	23.63	23.47		
5	QPSK	1	24	23.29	23.29	23.61	23.60	23.36		
5	QPSK	12	0	22.46	22.61	22.43	22.49	22.61	24	1
5	QPSK	12	7	22.57	22.59	22.62	22.45	22.55		
5	QPSK	12	13	22.41	22.56	22.59	22.50	22.60		
5	QPSK	25	0	22.45	22.60	22.56	22.45	22.59		
5	16QAM	1	0	22.21	22.46	22.45	22.33	22.52	24	1
5	16QAM	1	12	22.06	22.49	22.53	22.85	22.06		
5	16QAM	1	24	22.56	22.54	22.72	22.31	22.39		
5	16QAM	12	0	21.63	21.66	21.53	21.33	21.58	23	2
5	16QAM	12	7	21.62	21.43	21.61	21.43	21.48		
5	16QAM	12	13	21.53	21.66	21.40	21.59	21.63		
5	16QAM	25	0	21.64	21.64	21.53	21.50	21.61		
5	64QAM	1	0	21.35	21.36	21.37	21.45	21.35	23	2
5	64QAM	1	12	21.68	21.35	21.59	21.41	21.35		
5	64QAM	1	24	21.53	21.40	21.66	21.38	21.24		
5	64QAM	12	0	20.36	20.74	20.42	20.40	20.69	22	3
5	64QAM	12	7	20.48	20.71	20.58	20.53	20.63		
5	64QAM	12	13	20.50	20.57	20.54	20.55	20.57		
5	64QAM	25	0	20.43	20.50	20.49	20.52	20.64		

Band 41_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	13.98	14.16	14.41	14.17	13.92	15.5	0
20	QPSK	1	49	13.91	14.13	14.12	14.15	13.85		
20	QPSK	1	99	13.88	14.00	14.11	14.08	13.89		
20	QPSK	50	0	14.19	14.24	14.25	14.21	14.13	15.5	0
20	QPSK	50	24	14.12	14.23	14.12	14.16	14.01		
20	QPSK	50	50	14.06	14.23	14.19	14.19	14.05		
20	QPSK	100	0	14.17	14.20	14.21	14.01	14.03		
20	16QAM	1	0	14.00	14.23	14.25	14.36	14.17	15.5	0
20	16QAM	1	49	14.05	14.01	14.28	14.19	14.19		
20	16QAM	1	99	13.90	14.23	13.98	14.34	13.55		
20	16QAM	50	0	13.90	14.00	13.96	13.99	13.97	15.5	0
20	16QAM	50	24	14.01	14.05	14.01	14.08	14.00		
20	16QAM	50	50	14.01	13.99	14.04	14.07	14.03		
20	16QAM	100	0	13.90	13.99	13.97	13.98	13.91		
20	64QAM	1	0	14.02	14.29	14.15	14.23	14.09	15.5	0
20	64QAM	1	49	14.05	13.96	14.17	13.83	14.33		
20	64QAM	1	99	14.32	13.93	14.39	14.12	14.20		
20	64QAM	50	0	13.97	13.93	13.93	13.98	13.90	15.5	0
20	64QAM	50	24	14.10	14.06	13.94	14.07	13.95		
20	64QAM	50	50	13.99	14.12	14.13	14.00	14.05		
20	64QAM	100	0	13.92	14.01	14.02	14.13	13.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	13.84	14.07	14.31	14.12	13.87	15.50	0
15	QPSK	1	37	13.82	14.05	14.07	13.99	13.73		
15	QPSK	1	74	13.79	13.93	13.95	14.03	13.82		
15	QPSK	36	0	14.04	14.16	14.20	14.05	14.06	15.5	0
15	QPSK	36	20	14.02	14.16	14.03	14.07	13.94		
15	QPSK	36	39	13.96	14.15	14.09	14.13	13.98		
15	QPSK	75	0	14.08	14.10	14.14	13.94	13.94		
15	16QAM	1	0	13.91	14.09	14.10	14.24	14.09	15.5	0
15	16QAM	1	37	13.96	13.92	14.17	14.12	14.09		
15	16QAM	1	74	13.77	14.10	13.87	14.26	13.56		
15	16QAM	36	0	13.83	13.91	13.91	13.90	13.89	15.5	0
15	16QAM	36	20	13.92	13.98	13.92	14.02	13.94		
15	16QAM	36	39	13.88	13.87	13.90	13.91	13.94		
15	16QAM	75	0	13.78	13.90	13.83	13.87	13.84		
15	64QAM	1	0	13.88	14.21	14.01	14.18	14.00	15.5	0
15	64QAM	1	37	13.96	13.79	14.01	13.75	14.21		
15	64QAM	1	74	14.27	13.82	14.26	14.03	14.06		
15	64QAM	36	0	13.81	13.82	13.77	13.87	13.81	15.5	0
15	64QAM	36	20	14.04	13.93	13.81	13.96	13.86		
15	64QAM	36	39	13.94	14.00	14.02	13.91	13.92		
15	64QAM	75	0	13.83	13.85	13.88	14.01	13.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.89	14.11	14.25	14.02	13.85	15.50	0
10	QPSK	1	25	13.75	14.00	13.96	14.02	13.78		
10	QPSK	1	49	13.82	13.86	13.95	13.98	13.81		
10	QPSK	25	0	14.10	14.14	14.11	14.07	13.98	15.5	0
10	QPSK	25	12	14.05	14.11	14.01	14.09	13.96		
10	QPSK	25	25	13.98	14.12	14.05	14.11	13.93		
10	QPSK	50	0	14.11	14.10	14.15	13.96	13.90		
10	16QAM	1	0	13.91	14.17	14.14	14.26	14.09	15.5	0
10	16QAM	1	25	13.95	13.87	14.17	14.13	14.04		
10	16QAM	1	49	13.77	14.15	13.84	14.23	13.58		
10	16QAM	25	0	13.78	13.89	13.85	13.84	13.89	15.5	0
10	16QAM	25	12	13.89	13.90	13.92	13.99	13.88		
10	16QAM	25	25	13.86	13.89	13.92	13.95	13.96		
10	16QAM	50	0	13.83	13.94	13.82	13.84	13.77		
10	64QAM	1	0	13.89	14.18	14.06	14.10	14.00	15.5	0
10	64QAM	1	25	13.90	13.78	14.02	13.75	14.20		
10	64QAM	1	49	14.21	13.87	14.33	14.01	14.06		
10	64QAM	25	0	13.88	13.86	13.79	13.82	13.82	15.5	0
10	64QAM	25	12	13.97	13.99	13.80	13.94	13.87		
10	64QAM	25	25	13.94	14.04	14.07	13.95	13.95		
10	64QAM	50	0	13.82	13.93	13.94	14.01	13.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.91	14.07	14.25	14.06	13.85	15.50	0
5	QPSK	1	12	13.78	14.01	14.06	14.04	13.78		
5	QPSK	1	24	13.82	13.88	14.04	14.00	13.81		
5	QPSK	12	0	14.04	14.16	14.12	14.08	14.04	15.5	0
5	QPSK	12	7	13.99	14.10	14.02	14.05	13.85		
5	QPSK	12	13	13.94	14.13	14.07	14.05	13.89		
5	QPSK	25	0	14.06	14.10	14.13	13.93	13.87		
5	16QAM	1	0	13.84	14.17	14.14	14.31	14.01	15.5	0
5	16QAM	1	12	13.98	13.92	14.17	14.07	14.07		
5	16QAM	1	24	13.80	14.11	13.82	14.21	13.59		
5	16QAM	12	0	13.74	13.87	13.83	13.85	13.89	15.5	0
5	16QAM	12	7	13.91	13.93	13.90	13.97	13.87		
5	16QAM	12	13	13.89	13.92	13.90	13.92	13.91		
5	16QAM	25	0	13.84	13.94	13.82	13.89	13.83		
5	64QAM	1	0	13.95	14.16	13.99	14.10	14.03	15.5	0
5	64QAM	1	12	13.96	13.80	14.05	13.75	14.28		
5	64QAM	1	24	14.23	13.84	14.23	13.99	14.09		
5	64QAM	12	0	13.85	13.77	13.78	13.87	13.83	15.5	0
5	64QAM	12	7	14.02	13.97	13.81	13.99	13.90		
5	64QAM	12	13	13.85	14.00	14.00	13.94	13.90		
5	64QAM	25	0	13.82	13.88	13.90	14.01	13.82		

Reduced Power for DSI 4

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.37	19.58	19.39	20.5	0
20	QPSK	1	49	19.25	19.41	19.24		
20	QPSK	1	99	19.07	19.15	19.13		
20	QPSK	50	0	19.29	19.33	19.32	20.5	0
20	QPSK	50	24	19.27	19.27	19.31		
20	QPSK	50	50	19.21	19.20	19.28		
20	QPSK	100	0	19.28	19.39	19.32		
20	16QAM	1	0	19.54	19.27	19.52	20.5	0
20	16QAM	1	49	19.45	19.47	19.28		
20	16QAM	1	99	19.17	19.40	19.41		
20	16QAM	50	0	19.31	19.30	19.34	20.5	0
20	16QAM	50	24	19.28	19.19	19.35		
20	16QAM	50	50	19.26	19.30	19.36		
20	16QAM	100	0	19.24	19.37	19.38		
20	64QAM	1	0	19.17	19.43	18.89	20.5	0
20	64QAM	1	49	19.44	19.43	19.27		
20	64QAM	1	99	18.92	19.17	19.52		
20	64QAM	50	0	19.41	19.31	19.31	20.5	0
20	64QAM	50	24	19.28	19.40	19.35		
20	64QAM	50	50	19.25	19.25	19.36		
20	64QAM	100	0	19.19	19.31	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.25	19.44	19.34	20.5	0
15	QPSK	1	37	19.15	19.34	19.15		
15	QPSK	1	74	18.96	18.99	19.02		
15	QPSK	36	0	19.18	19.26	19.27	20.5	0
15	QPSK	36	20	19.16	19.19	19.15		
15	QPSK	36	39	19.16	19.06	19.21		
15	QPSK	75	0	19.12	19.26	19.18		
15	16QAM	1	0	19.45	19.13	19.41	20.5	0
15	16QAM	1	37	19.36	19.42	19.22		
15	16QAM	1	74	19.06	19.29	19.29		
15	16QAM	36	0	19.24	19.23	19.20	20.5	0
15	16QAM	36	20	19.20	19.11	19.27		
15	16QAM	36	39	19.18	19.19	19.22		
15	16QAM	75	0	19.11	19.26	19.27		
15	64QAM	1	0	19.06	19.36	18.77	20.5	0
15	64QAM	1	37	19.31	19.27	19.15		
15	64QAM	1	74	18.81	19.12	19.36		
15	64QAM	36	0	19.36	19.21	19.19	20.5	0
15	64QAM	36	20	19.17	19.29	19.30		
15	64QAM	36	39	19.17	19.16	19.30		
15	64QAM	75	0	19.08	19.22	19.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.26	19.50	19.31	20.5	0
10	QPSK	1	25	19.14	19.28	19.15		
10	QPSK	1	49	18.91	19.00	19.03		
10	QPSK	25	0	19.19	19.23	19.24	20.5	0
10	QPSK	25	12	19.13	19.18	19.22		
10	QPSK	25	25	19.12	19.11	19.14		
10	QPSK	50	0	19.16	19.28	19.25		
10	16QAM	1	0	19.46	19.18	19.39	20.5	0
10	16QAM	1	25	19.34	19.32	19.16		
10	16QAM	1	49	19.06	19.28	19.36		
10	16QAM	25	0	19.26	19.18	19.19	20.5	0
10	16QAM	25	12	19.16	19.13	19.21		
10	16QAM	25	25	19.11	19.24	19.31		
10	16QAM	50	0	19.09	19.21	19.29		
10	64QAM	1	0	19.12	19.35	18.84	20.5	0
10	64QAM	1	25	19.34	19.33	19.22		
10	64QAM	1	49	18.80	19.08	19.40		
10	64QAM	25	0	19.27	19.23	19.18	20.5	0
10	64QAM	25	12	19.18	19.29	19.23		
10	64QAM	25	25	19.11	19.18	19.25		
10	64QAM	50	0	19.06	19.21	19.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.28	19.53	19.23	20.5	0
5	QPSK	1	12	19.17	19.30	19.14		
5	QPSK	1	24	18.91	19.04	19.07		
5	QPSK	12	0	19.14	19.23	19.25	20.5	0
5	QPSK	12	7	19.14	19.19	19.18		
5	QPSK	12	13	19.16	19.07	19.14		
5	QPSK	25	0	19.23	19.32	19.20		
5	16QAM	1	0	19.48	19.20	19.44	20.5	0
5	16QAM	1	12	19.37	19.37	19.13		
5	16QAM	1	24	19.06	19.28	19.26		
5	16QAM	12	0	19.16	19.23	19.26	20.5	0
5	16QAM	12	7	19.13	19.10	19.21		
5	16QAM	12	13	19.10	19.18	19.24		
5	16QAM	25	0	19.10	19.32	19.28		
5	64QAM	1	0	19.09	19.28	18.83	20.5	0
5	64QAM	1	12	19.35	19.28	19.11		
5	64QAM	1	24	18.82	19.05	19.37		
5	64QAM	12	0	19.27	19.20	19.21	20.5	0
5	64QAM	12	7	19.22	19.24	19.21		
5	64QAM	12	13	19.16	19.20	19.25		
5	64QAM	25	0	19.05	19.17	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.26	19.47	19.31	20.5	0
3	QPSK	1	8	19.17	19.27	19.10		
3	QPSK	1	14	18.94	19.10	19.04		
3	QPSK	8	0	19.19	19.18	19.26	20.5	0
3	QPSK	8	4	19.14	19.15	19.23		
3	QPSK	8	7	19.09	19.08	19.12		
3	QPSK	15	0	19.14	19.23	19.21		
3	16QAM	1	0	19.45	19.15	19.37	20.5	0
3	16QAM	1	8	19.36	19.36	19.13		
3	16QAM	1	14	19.10	19.31	19.29		
3	16QAM	8	0	19.21	19.18	19.24	20.5	0
3	16QAM	8	4	19.23	19.07	19.23		
3	16QAM	8	7	19.17	19.22	19.22		
3	16QAM	15	0	19.10	19.30	19.28		
3	64QAM	1	0	19.05	19.35	18.73	20.5	0
3	64QAM	1	8	19.31	19.35	19.15		
3	64QAM	1	14	18.87	19.02	19.41		
3	64QAM	8	0	19.34	19.25	19.26	20.5	0
3	64QAM	8	4	19.22	19.33	19.22		
3	64QAM	8	7	19.14	19.15	19.26		
3	64QAM	15	0	19.04	19.21	19.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.28	19.46	19.24	20.5	0
1.4	QPSK	1	3	19.13	19.27	19.11		
1.4	QPSK	1	5	18.94	19.01	19.01		
1.4	QPSK	3	0	19.15	19.20	19.26		
1.4	QPSK	3	1	19.18	19.12	19.20		
1.4	QPSK	3	3	19.14	19.09	19.23		
1.4	QPSK	6	0	19.23	19.27	19.25	20.5	0
1.4	16QAM	1	0	19.39	19.20	19.38	20.5	0
1.4	16QAM	1	3	19.31	19.36	19.22		
1.4	16QAM	1	5	19.04	19.25	19.30		
1.4	16QAM	3	0	19.22	19.19	19.18		
1.4	16QAM	3	1	19.20	19.13	19.24		
1.4	16QAM	3	3	19.19	19.14	19.22		
1.4	16QAM	6	0	19.12	19.32	19.27	20.5	0
1.4	64QAM	1	0	19.11	19.32	18.73	20.5	0
1.4	64QAM	1	3	19.37	19.27	19.22		
1.4	64QAM	1	5	18.86	19.02	19.40		
1.4	64QAM	3	0	19.25	19.24	19.16		
1.4	64QAM	3	1	19.12	19.26	19.25		
1.4	64QAM	3	3	19.14	19.11	19.21		
1.4	64QAM	6	0	19.11	19.20	19.24	20.5	0

Band 2_Ant 31

BW [MHz]	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	19.65	20.5	0
20	QPSK	1	49	19.36	19.45	19.61		
20	QPSK	1	99	19.30	19.40	19.46		
20	QPSK	50	0	19.55	19.65	19.59	20.5	0
20	QPSK	50	24	19.54	19.54	19.52		
20	QPSK	50	50	19.40	19.56	19.57		
20	QPSK	100	0	19.44	19.54	19.52		
20	16QAM	1	0	19.35	19.49	19.45	20.5	0
20	16QAM	1	49	19.16	19.52	19.59		
20	16QAM	1	99	19.00	19.50	19.23		
20	16QAM	50	0	19.27	19.19	19.24	20.5	0
20	16QAM	50	24	19.31	19.20	19.36		
20	16QAM	50	50	19.11	19.22	19.23		
20	16QAM	100	0	19.13	19.17	19.36		
20	64QAM	1	0	19.19	19.11	19.56	20.5	0
20	64QAM	1	49	19.61	19.58	19.61		
20	64QAM	1	99	19.21	19.32	19.46		
20	64QAM	50	0	19.24	19.26	19.21	20.5	0
20	64QAM	50	24	19.15	19.19	19.28		
20	64QAM	50	50	19.03	19.13	19.24		
20	64QAM	100	0	19.07	19.17	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.54	19.56	19.51	20.5	0
15	QPSK	1	37	19.23	19.40	19.56		
15	QPSK	1	74	19.14	19.29	19.39		
15	QPSK	36	0	19.49	19.49	19.45	20.5	0
15	QPSK	36	20	19.46	19.39	19.42		
15	QPSK	36	39	19.24	19.50	19.48		
15	QPSK	75	0	19.30	19.43	19.44		
15	16QAM	1	0	19.23	19.37	19.40	20.5	0
15	16QAM	1	37	19.07	19.40	19.44		
15	16QAM	1	74	18.86	19.41	19.16		
15	16QAM	36	0	19.15	19.12	19.18	20.5	0
15	16QAM	36	20	19.22	19.11	19.23		
15	16QAM	36	39	18.97	19.06	19.12		
15	16QAM	75	0	19.05	19.10	19.28		
15	64QAM	1	0	19.08	19.04	19.47	20.5	0
15	64QAM	1	37	19.49	19.53	19.56		
15	64QAM	1	74	19.09	19.17	19.34		
15	64QAM	36	0	19.18	19.12	19.15	20.5	0
15	64QAM	36	20	19.01	19.10	19.20		
15	64QAM	36	39	18.88	18.99	19.15		
15	64QAM	75	0	19.00	19.08	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.54	19.58	19.49	20.5	0
10	QPSK	1	25	19.25	19.32	19.48		
10	QPSK	1	49	19.19	19.31	19.39		
10	QPSK	25	0	19.43	19.59	19.43	20.5	0
10	QPSK	25	12	19.39	19.41	19.43		
10	QPSK	25	25	19.35	19.50	19.44		
10	QPSK	50	0	19.37	19.49	19.37		
10	16QAM	1	0	19.20	19.35	19.37	20.5	0
10	16QAM	1	25	19.08	19.47	19.43		
10	16QAM	1	49	18.84	19.38	19.15		
10	16QAM	25	0	19.13	19.09	19.19	20.5	0
10	16QAM	25	12	19.22	19.14	19.27		
10	16QAM	25	25	19.00	19.17	19.12		
10	16QAM	50	0	19.05	19.09	19.28		
10	64QAM	1	0	19.12	19.04	19.47	20.5	0
10	64QAM	1	25	19.49	19.44	19.45		
10	64QAM	1	49	19.06	19.16	19.32		
10	64QAM	25	0	19.12	19.21	19.14	20.5	0
10	64QAM	25	12	19.08	19.03	19.22		
10	64QAM	25	25	18.97	19.03	19.16		
10	64QAM	50	0	18.92	19.09	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.53	19.58	19.50	20.5	0
5	QPSK	1	12	19.29	19.32	19.52		
5	QPSK	1	24	19.17	19.27	19.31		
5	QPSK	12	0	19.44	19.51	19.50	20.5	0
5	QPSK	12	7	19.42	19.42	19.40		
5	QPSK	12	13	19.35	19.51	19.45		
5	QPSK	25	0	19.33	19.44	19.46		
5	16QAM	1	0	19.20	19.41	19.33	20.5	0
5	16QAM	1	12	19.06	19.45	19.44		
5	16QAM	1	24	18.87	19.40	19.13		
5	16QAM	12	0	19.18	19.14	19.10	20.5	0
5	16QAM	12	7	19.24	19.08	19.20		
5	16QAM	12	13	18.99	19.07	19.17		
5	16QAM	25	0	19.00	19.12	19.29		
5	64QAM	1	0	19.08	19.03	19.46	20.5	0
5	64QAM	1	12	19.56	19.51	19.52		
5	64QAM	1	24	19.15	19.16	19.41		
5	64QAM	12	0	19.18	19.10	19.07	20.5	0
5	64QAM	12	7	19.07	19.13	19.16		
5	64QAM	12	13	18.96	19.01	19.19		
5	64QAM	25	0	18.91	19.07	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.52	19.63	19.57	20.5	0
3	QPSK	1	8	19.29	19.37	19.50		
3	QPSK	1	14	19.15	19.31	19.39		
3	QPSK	8	0	19.44	19.50	19.45	20.5	0
3	QPSK	8	4	19.42	19.48	19.39		
3	QPSK	8	7	19.28	19.50	19.51		
3	QPSK	15	0	19.34	19.48	19.39		
3	16QAM	1	0	19.20	19.42	19.32	20.5	0
3	16QAM	1	8	19.03	19.40	19.50		
3	16QAM	1	14	18.92	19.36	19.14		
3	16QAM	8	0	19.11	19.13	19.14	20.5	0
3	16QAM	8	4	19.20	19.09	19.20		
3	16QAM	8	7	19.02	19.08	19.16		
3	16QAM	15	0	19.06	19.03	19.26		
3	64QAM	1	0	19.10	18.96	19.43	20.5	0
3	64QAM	1	8	19.45	19.42	19.46		
3	64QAM	1	14	19.10	19.19	19.31		
3	64QAM	8	0	19.09	19.14	19.06	20.5	0
3	64QAM	8	4	19.00	19.06	19.15		
3	64QAM	8	7	18.88	19.05	19.15		
3	64QAM	15	0	18.96	19.11	19.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.62	19.60	19.53	20.5	0
1.4	QPSK	1	3	19.28	19.36	19.53		
1.4	QPSK	1	5	19.15	19.28	19.33		
1.4	QPSK	3	0	19.41	19.57	19.47		
1.4	QPSK	3	1	19.43	19.48	19.37		
1.4	QPSK	3	3	19.34	19.47	19.44		
1.4	QPSK	6	0	19.38	19.44	19.36	20.5	0
1.4	16QAM	1	0	19.29	19.35	19.29	20.5	0
1.4	16QAM	1	3	19.03	19.39	19.54		
1.4	16QAM	1	5	18.91	19.42	19.12		
1.4	16QAM	3	0	19.12	19.14	19.16		
1.4	16QAM	3	1	19.21	19.04	19.26		
1.4	16QAM	3	3	18.95	19.16	19.12		
1.4	16QAM	6	0	19.06	19.02	19.28	20.5	0
1.4	64QAM	1	0	19.07	18.99	19.46	20.5	0
1.4	64QAM	1	3	19.51	19.52	19.49		
1.4	64QAM	1	5	19.13	19.23	19.31		
1.4	64QAM	3	0	19.11	19.14	19.10		
1.4	64QAM	3	1	19.06	19.05	19.15		
1.4	64QAM	3	3	18.90	19.07	19.08		
1.4	64QAM	6	0	18.91	19.01	19.27	20.5	0

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.05	18.15	18.10	19	0
20	QPSK	1	49	17.75	17.66	17.74		
20	QPSK	1	99	17.64	17.62	17.61		
20	QPSK	50	0	17.72	17.85	17.84	19	0
20	QPSK	50	24	17.72	17.77	17.68		
20	QPSK	50	50	17.52	17.73	17.63		
20	QPSK	100	0	17.82	17.91	17.83		
20	16QAM	1	0	17.54	17.63	17.59	19	0
20	16QAM	1	49	17.39	17.50	17.38		
20	16QAM	1	99	17.54	17.54	17.36		
20	16QAM	50	0	17.70	17.88	17.68	19	0
20	16QAM	50	24	17.78	17.84	17.73		
20	16QAM	50	50	17.63	17.71	17.66		
20	16QAM	100	0	17.82	17.89	17.82		
20	64QAM	1	0	17.86	17.99	17.84	19	0
20	64QAM	1	49	17.93	18.04	17.85		
20	64QAM	1	99	17.63	17.72	17.72		
20	64QAM	50	0	17.70	17.77	17.64	19	0
20	64QAM	50	24	17.72	17.81	17.75		
20	64QAM	50	50	17.70	17.75	17.62		
20	64QAM	100	0	17.69	17.81	17.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.99	18.10	17.99	19	0
15	QPSK	1	37	17.74	17.67	17.67		
15	QPSK	1	74	17.62	17.63	17.69		
15	QPSK	36	0	17.81	17.84	17.88	19	0
15	QPSK	36	20	17.73	17.79	17.69		
15	QPSK	36	39	17.57	17.72	17.71		
15	QPSK	75	0	17.77	17.94	17.93		
15	16QAM	1	0	17.50	17.67	17.59	19	0
15	16QAM	1	37	17.40	17.50	17.38		
15	16QAM	1	74	17.49	17.55	17.33		
15	16QAM	36	0	17.79	17.85	17.66	19	0
15	16QAM	36	20	17.79	17.82	17.82		
15	16QAM	36	39	17.57	17.71	17.65		
15	16QAM	75	0	17.83	17.86	17.89		
15	64QAM	1	0	17.87	17.99	17.88	19	0
15	64QAM	1	37	17.91	18.07	17.83		
15	64QAM	1	74	17.72	17.74	17.72		
15	64QAM	36	0	17.61	17.70	17.61	19	0
15	64QAM	36	20	17.75	17.82	17.84		
15	64QAM	36	39	17.72	17.75	17.72		
15	64QAM	75	0	17.74	17.77	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.92	18.05	17.94	19	0
10	QPSK	1	25	17.71	17.72	17.74		
10	QPSK	1	49	17.62	17.71	17.61		
10	QPSK	25	0	17.82	17.81	17.82	19	0
10	QPSK	25	12	17.65	17.79	17.71		
10	QPSK	25	25	17.47	17.77	17.64		
10	QPSK	50	0	17.80	17.98	17.86		
10	16QAM	1	0	17.49	17.65	17.53	19	0
10	16QAM	1	25	17.35	17.45	17.36		
10	16QAM	1	49	17.46	17.50	17.41		
10	16QAM	25	0	17.79	17.85	17.64	19	0
10	16QAM	25	12	17.77	17.90	17.78		
10	16QAM	25	25	17.66	17.75	17.67		
10	16QAM	50	0	17.72	17.88	17.85		
10	64QAM	1	0	17.86	17.94	17.88	19	0
10	64QAM	1	25	17.94	18.06	17.91		
10	64QAM	1	49	17.63	17.75	17.75		
10	64QAM	25	0	17.67	17.72	17.56	19	0
10	64QAM	25	12	17.80	17.88	17.75		
10	64QAM	25	25	17.66	17.84	17.62		
10	64QAM	50	0	17.75	17.76	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.96	18.05	17.93	19	0
5	QPSK	1	12	17.70	17.75	17.75		
5	QPSK	1	24	17.60	17.65	17.63		
5	QPSK	12	0	17.77	17.87	17.79	19	0
5	QPSK	12	7	17.62	17.80	17.76		
5	QPSK	12	13	17.49	17.69	17.66		
5	QPSK	25	0	17.76	17.98	17.88		
5	16QAM	1	0	17.50	17.70	17.58	19	0
5	16QAM	1	12	17.36	17.49	17.37		
5	16QAM	1	24	17.55	17.59	17.35		
5	16QAM	12	0	17.78	17.87	17.73	19	0
5	16QAM	12	7	17.73	17.86	17.76		
5	16QAM	12	13	17.67	17.77	17.63		
5	16QAM	25	0	17.83	17.93	17.82		
5	64QAM	1	0	17.76	17.92	17.93	19	0
5	64QAM	1	12	17.99	18.06	17.89		
5	64QAM	1	24	17.70	17.71	17.69		
5	64QAM	12	0	17.65	17.71	17.59	19	0
5	64QAM	12	7	17.78	17.80	17.78		
5	64QAM	12	13	17.72	17.79	17.62		
5	64QAM	25	0	17.73	17.80	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.90	18.13	17.95	19	0
3	QPSK	1	8	17.75	17.74	17.68		
3	QPSK	1	14	17.60	17.68	17.71		
3	QPSK	8	0	17.80	17.87	17.77	19	0
3	QPSK	8	4	17.63	17.81	17.70		
3	QPSK	8	7	17.53	17.76	17.64		
3	QPSK	15	0	17.75	18.00	17.91		
3	16QAM	1	0	17.50	17.68	17.60	19	0
3	16QAM	1	8	17.39	17.45	17.28		
3	16QAM	1	14	17.45	17.52	17.41		
3	16QAM	8	0	17.81	17.78	17.65	19	0
3	16QAM	8	4	17.76	17.86	17.78		
3	16QAM	8	7	17.64	17.77	17.65		
3	16QAM	15	0	17.82	17.90	17.87		
3	64QAM	1	0	17.83	17.97	17.86	19	0
3	64QAM	1	8	17.97	17.99	17.92		
3	64QAM	1	14	17.68	17.73	17.74		
3	64QAM	8	0	17.68	17.76	17.61	19	0
3	64QAM	8	4	17.78	17.85	17.84		
3	64QAM	8	7	17.74	17.78	17.68		
3	64QAM	15	0	17.75	17.79	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.95	18.09	18.01	19	0
1.4	QPSK	1	3	17.70	17.75	17.76		
1.4	QPSK	1	5	17.56	17.73	17.68		
1.4	QPSK	3	0	17.78	17.81	17.78		
1.4	QPSK	3	1	17.62	17.85	17.74		
1.4	QPSK	3	3	17.46	17.69	17.63		
1.4	QPSK	6	0	17.81	17.98	17.89	19	0
1.4	16QAM	1	0	17.51	17.69	17.59	19	0
1.4	16QAM	1	3	17.39	17.48	17.33		
1.4	16QAM	1	5	17.47	17.54	17.36		
1.4	16QAM	3	0	17.81	17.82	17.73		
1.4	16QAM	3	1	17.75	17.83	17.84		
1.4	16QAM	3	3	17.64	17.70	17.72		
1.4	16QAM	6	0	17.81	17.94	17.88	19	0
1.4	64QAM	1	0	17.80	18.01	17.91	19	0
1.4	64QAM	1	3	18.02	17.96	17.87		
1.4	64QAM	1	5	17.64	17.71	17.70		
1.4	64QAM	3	0	17.65	17.78	17.53		
1.4	64QAM	3	1	17.79	17.87	17.73		
1.4	64QAM	3	3	17.65	17.75	17.66		
1.4	64QAM	6	0	17.70	17.84	17.67	19	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.08	20.29	20.09	21	0
20	QPSK	1	49	20.02	19.99	20.02		
20	QPSK	1	99	19.96	20.01	19.81		
20	QPSK	50	0	20.11	20.15	19.96	21	0
20	QPSK	50	24	20.13	20.01	20.01		
20	QPSK	50	50	20.00	19.97	19.94		
20	QPSK	100	0	19.99	20.03	20.01		
20	16QAM	1	0	19.97	20.15	20.09	21	0
20	16QAM	1	49	20.19	20.14	20.21		
20	16QAM	1	99	20.12	20.20	20.13		
20	16QAM	50	0	20.15	20.16	20.09	21	0
20	16QAM	50	24	20.19	20.16	20.14		
20	16QAM	50	50	20.06	19.96	19.87		
20	16QAM	100	0	20.07	20.03	20.07		
20	64QAM	1	0	20.09	20.16	20.13	21	0
20	64QAM	1	49	20.18	20.01	20.21		
20	64QAM	1	99	20.14	20.27	19.86		
20	64QAM	50	0	20.02	19.89	20.07	21	0
20	64QAM	50	24	20.05	20.03	20.09		
20	64QAM	50	50	20.10	20.07	19.90		
20	64QAM	100	0	20.00	19.97	19.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.96	20.14	19.93	21	0
15	QPSK	1	37	19.87	19.87	19.95		
15	QPSK	1	74	19.81	19.86	19.67		
15	QPSK	36	0	20.02	20.10	19.90	21	0
15	QPSK	36	20	19.99	19.90	19.88		
15	QPSK	36	39	19.88	19.90	19.79		
15	QPSK	75	0	19.87	19.97	19.90		
15	16QAM	1	0	19.82	20.04	19.97	21	0
15	16QAM	1	37	20.05	19.99	20.09		
15	16QAM	1	74	19.96	20.04	19.98		
15	16QAM	36	0	20.06	20.01	19.99	21	0
15	16QAM	36	20	20.10	20.04	20.08		
15	16QAM	36	39	19.99	19.81	19.75		
15	16QAM	75	0	19.91	19.94	19.99		
15	64QAM	1	0	20.00	20.11	20.04	21	0
15	64QAM	1	37	20.03	19.93	20.13		
15	64QAM	1	74	20.09	20.19	19.77		
15	64QAM	36	0	19.87	19.81	20.02	21	0
15	64QAM	36	20	19.94	19.97	19.98		
15	64QAM	36	39	19.94	20.02	19.77		
15	64QAM	75	0	19.90	19.85	19.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.93	20.18	20.03	21	0
10	QPSK	1	25	19.92	19.92	19.91		
10	QPSK	1	49	19.87	19.85	19.73		
10	QPSK	25	0	20.04	20.01	19.86	21	0
10	QPSK	25	12	20.06	19.96	19.93		
10	QPSK	25	25	19.90	19.89	19.86		
10	QPSK	50	0	19.85	19.87	19.96		
10	16QAM	1	0	19.84	20.03	19.97	21	0
10	16QAM	1	25	20.05	20.06	20.06		
10	16QAM	1	49	20.00	20.13	20.04		
10	16QAM	25	0	20.05	20.01	19.97	21	0
10	16QAM	25	12	20.03	20.04	20.04		
10	16QAM	25	25	19.99	19.90	19.72		
10	16QAM	50	0	19.92	19.87	19.94		
10	64QAM	1	0	20.04	20.07	20.00	21	0
10	64QAM	1	25	20.04	19.88	20.14		
10	64QAM	1	49	20.01	20.11	19.71		
10	64QAM	25	0	19.86	19.76	20.02	21	0
10	64QAM	25	12	19.93	19.87	20.01		
10	64QAM	25	25	20.04	19.92	19.81		
10	64QAM	50	0	19.95	19.82	19.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.92	20.22	19.99	21	0
5	QPSK	1	12	19.96	19.93	19.90		
5	QPSK	1	24	19.82	19.92	19.75		
5	QPSK	12	0	19.98	20.00	19.81	21	0
5	QPSK	12	7	20.07	19.94	19.87		
5	QPSK	12	13	19.92	19.91	19.84		
5	QPSK	25	0	19.91	19.94	19.95		
5	16QAM	1	0	19.83	20.00	19.94	21	0
5	16QAM	1	12	20.12	19.99	20.16		
5	16QAM	1	24	20.03	20.15	20.07		
5	16QAM	12	0	20.06	20.05	19.94	21	0
5	16QAM	12	7	20.09	20.06	20.09		
5	16QAM	12	13	19.96	19.80	19.71		
5	16QAM	25	0	19.95	19.91	19.99		
5	64QAM	1	0	19.94	20.01	19.98	21	0
5	64QAM	1	12	20.09	19.85	20.12		
5	64QAM	1	24	20.00	20.15	19.73		
5	64QAM	12	0	19.88	19.83	19.97	21	0
5	64QAM	12	7	19.95	19.89	20.04		
5	64QAM	12	13	20.04	19.99	19.81		
5	64QAM	25	0	19.85	19.83	19.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.99	20.20	19.96	21	0
3	QPSK	1	8	19.87	19.88	19.95		
3	QPSK	1	14	19.84	19.87	19.65		
3	QPSK	8	0	20.00	19.99	19.88	21	0
3	QPSK	8	4	20.01	19.94	19.94		
3	QPSK	8	7	19.90	19.85	19.89		
3	QPSK	15	0	19.89	19.94	19.89		
3	16QAM	1	0	19.81	20.05	19.99	21	0
3	16QAM	1	8	20.05	20.09	20.08		
3	16QAM	1	14	20.01	20.12	20.04		
3	16QAM	8	0	20.04	20.00	20.04	21	0
3	16QAM	8	4	20.11	20.00	20.06		
3	16QAM	8	7	19.91	19.80	19.81		
3	16QAM	15	0	20.00	19.89	19.99		
3	64QAM	1	0	19.99	20.04	19.99	21	0
3	64QAM	1	8	20.10	19.90	20.12		
3	64QAM	1	14	19.99	20.11	19.70		
3	64QAM	8	0	19.91	19.76	19.92	21	0
3	64QAM	8	4	20.00	19.89	20.00		
3	64QAM	8	7	19.96	19.99	19.82		
3	64QAM	15	0	19.88	19.88	19.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.00	20.17	19.99	21	0
1.4	QPSK	1	3	19.91	19.87	19.86		
1.4	QPSK	1	5	19.86	19.91	19.75		
1.4	QPSK	3	0	20.00	20.01	19.80		
1.4	QPSK	3	1	19.98	19.93	19.91		
1.4	QPSK	3	3	19.88	19.89	19.85		
1.4	QPSK	6	0	19.83	19.92	19.91	21	0
1.4	16QAM	1	0	19.84	20.02	20.00	21	0
1.4	16QAM	1	3	20.03	20.01	20.07		
1.4	16QAM	1	5	20.06	20.14	20.07		
1.4	16QAM	3	0	20.00	20.04	19.96		
1.4	16QAM	3	1	20.11	20.04	20.04		
1.4	16QAM	3	3	19.97	19.86	19.78		
1.4	16QAM	6	0	19.91	19.98	20.01	21	0
1.4	64QAM	1	0	19.93	20.10	19.98	21	0
1.4	64QAM	1	3	20.13	19.87	20.07		
1.4	64QAM	1	5	20.07	20.13	19.79		
1.4	64QAM	3	0	19.92	19.81	20.02		
1.4	64QAM	3	1	19.98	19.90	19.97		
1.4	64QAM	3	3	20.05	20.01	19.76		
1.4	64QAM	6	0	19.84	19.87	19.86	21	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.00	20.35	20.25	21	0
20	QPSK	1	49	19.99	20.25	20.13		
20	QPSK	1	99	19.99	19.92	19.93		
20	QPSK	50	0	20.09	20.24	20.22	21	0
20	QPSK	50	24	20.07	20.02	20.16		
20	QPSK	50	50	20.00	20.06	20.07		
20	QPSK	100	0	20.04	20.15	20.13		
20	16QAM	1	0	20.20	20.23	20.22	21	0
20	16QAM	1	49	20.22	20.19	20.23		
20	16QAM	1	99	20.26	20.08	20.31		
20	16QAM	50	0	20.01	20.15	20.08	21	0
20	16QAM	50	24	20.09	20.11	20.31		
20	16QAM	50	50	20.05	20.19	20.20		
20	16QAM	100	0	20.11	20.14	20.18		
20	64QAM	1	0	19.95	20.32	20.10	21	0
20	64QAM	1	49	20.21	20.31	20.13		
20	64QAM	1	99	20.21	19.93	20.23		
20	64QAM	50	0	20.00	20.11	20.19	21	0
20	64QAM	50	24	20.17	20.08	20.25		
20	64QAM	50	50	20.06	20.14	20.20		
20	64QAM	100	0	20.03	20.07	20.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.84	20.28	20.17	21	0
15	QPSK	1	37	19.94	20.20	19.97		
15	QPSK	1	74	19.94	19.84	19.87		
15	QPSK	36	0	19.95	20.17	20.07	21	0
15	QPSK	36	20	19.91	19.94	20.09		
15	QPSK	36	39	19.90	19.98	19.97		
15	QPSK	75	0	19.94	20.00	20.05		
15	16QAM	1	0	20.09	20.08	20.17	21	0
15	16QAM	1	37	20.17	20.11	20.09		
15	16QAM	1	74	20.20	19.97	20.15		
15	16QAM	36	0	19.94	19.99	19.97	21	0
15	16QAM	36	20	19.95	20.00	20.23		
15	16QAM	36	39	20.00	20.11	20.06		
15	16QAM	75	0	19.97	20.06	20.07		
15	64QAM	1	0	19.85	20.23	19.94	21	0
15	64QAM	1	37	20.15	20.26	20.04		
15	64QAM	1	74	20.14	19.77	20.09		
15	64QAM	36	0	19.84	19.99	20.08	21	0
15	64QAM	36	20	20.03	19.93	20.11		
15	64QAM	36	39	19.98	20.07	20.05		
15	64QAM	75	0	19.98	19.94	20.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.94	20.19	20.16	21	0
10	QPSK	1	25	19.84	20.09	20.01		
10	QPSK	1	49	19.84	19.78	19.77		
10	QPSK	25	0	20.02	20.08	20.10	21	0
10	QPSK	25	12	19.93	19.95	20.00		
10	QPSK	25	25	19.91	19.94	19.94		
10	QPSK	50	0	19.90	20.10	20.06		
10	16QAM	1	0	20.14	20.12	20.13	21	0
10	16QAM	1	25	20.11	20.09	20.12		
10	16QAM	1	49	20.18	19.99	20.26		
10	16QAM	25	0	19.93	19.99	20.00	21	0
10	16QAM	25	12	19.97	20.01	20.23		
10	16QAM	25	25	19.91	20.04	20.08		
10	16QAM	50	0	19.99	20.00	20.06		
10	64QAM	1	0	19.83	20.26	19.94	21	0
10	64QAM	1	25	20.05	20.22	20.02		
10	64QAM	1	49	20.07	19.78	20.12		
10	64QAM	25	0	19.90	20.05	20.06	21	0
10	64QAM	25	12	20.05	19.97	20.14		
10	64QAM	25	25	19.93	19.98	20.05		
10	64QAM	50	0	19.91	19.96	20.06		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.85	20.21	20.15	21	0
5	QPSK	1	12	19.90	20.13	20.07		
5	QPSK	1	24	19.94	19.78	19.83		
5	QPSK	12	0	19.99	20.17	20.17	21	0
5	QPSK	12	7	19.99	19.87	20.10		
5	QPSK	12	13	19.89	19.94	19.99		
5	QPSK	25	0	19.99	20.02	20.05		
5	16QAM	1	0	20.08	20.07	20.11	21	0
5	16QAM	1	12	20.08	20.03	20.16		
5	16QAM	1	24	20.19	20.03	20.19		
5	16QAM	12	0	19.90	20.10	19.93	21	0
5	16QAM	12	7	19.95	20.02	20.22		
5	16QAM	12	13	19.99	20.05	20.08		
5	16QAM	25	0	19.99	20.00	20.09		
5	64QAM	1	0	19.85	20.18	19.96	21	0
5	64QAM	1	12	20.13	20.17	20.06		
5	64QAM	1	24	20.12	19.78	20.15		
5	64QAM	12	0	19.85	19.97	20.12	21	0
5	64QAM	12	7	20.11	20.01	20.12		
5	64QAM	12	13	20.01	20.05	20.07		
5	64QAM	25	0	19.93	19.92	19.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.93	20.21	20.20	21	0
3	QPSK	1	8	19.94	20.19	20.00		
3	QPSK	1	14	19.90	19.86	19.84		
3	QPSK	8	0	19.98	20.11	20.13	21	0
3	QPSK	8	4	19.97	19.95	20.02		
3	QPSK	8	7	19.92	19.90	19.92		
3	QPSK	15	0	19.91	20.02	20.01		
3	16QAM	1	0	20.12	20.17	20.13	21	0
3	16QAM	1	8	20.08	20.03	20.09		
3	16QAM	1	14	20.11	19.94	20.26		
3	16QAM	8	0	19.96	20.00	19.98	21	0
3	16QAM	8	4	19.94	20.06	20.17		
3	16QAM	8	7	19.92	20.04	20.14		
3	16QAM	15	0	20.04	20.05	20.13		
3	64QAM	1	0	19.85	20.23	20.04	21	0
3	64QAM	1	8	20.05	20.26	20.06		
3	64QAM	1	14	20.13	19.79	20.13		
3	64QAM	8	0	19.88	19.96	20.04	21	0
3	64QAM	8	4	20.08	19.97	20.16		
3	64QAM	8	7	20.00	20.07	20.05		
3	64QAM	15	0	19.94	19.96	19.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.95	20.23	20.18	21	0
1.4	QPSK	1	3	19.87	20.12	19.97		
1.4	QPSK	1	5	19.85	19.87	19.87		
1.4	QPSK	3	0	19.97	20.15	20.10		
1.4	QPSK	3	1	20.01	19.87	20.01		
1.4	QPSK	3	3	19.95	20.00	19.92		
1.4	QPSK	6	0	19.91	20.05	20.01	21	0
1.4	16QAM	1	0	20.04	20.17	20.11	21	0
1.4	16QAM	1	3	20.07	20.10	20.11		
1.4	16QAM	1	5	20.20	20.02	20.24		
1.4	16QAM	3	0	19.91	20.09	19.95		
1.4	16QAM	3	1	19.97	19.95	20.18		
1.4	16QAM	3	3	19.92	20.06	20.10		
1.4	16QAM	6	0	20.05	19.99	20.07	21	0
1.4	64QAM	1	0	19.81	20.20	20.05	21	0
1.4	64QAM	1	3	20.12	20.19	20.08		
1.4	64QAM	1	5	20.12	19.79	20.18		
1.4	64QAM	3	0	19.95	19.98	20.10		
1.4	64QAM	3	1	20.03	19.99	20.13		
1.4	64QAM	3	3	19.91	20.08	20.13		
1.4	64QAM	6	0	19.97	19.95	20.01	21	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.40	18.31	19.5	0
20	QPSK	1	49	18.22	18.38	18.26		
20	QPSK	1	99	17.96	18.16	18.03		
20	QPSK	50	0	18.19	18.36	18.31	19.5	0
20	QPSK	50	24	18.32	18.22	18.27		
20	QPSK	50	50	18.35	18.31	18.25		
20	QPSK	100	0	18.24	18.25	18.23		
20	16QAM	1	0	18.25	18.24	18.14	19.5	0
20	16QAM	1	49	18.32	18.25	18.32		
20	16QAM	1	99	18.29	18.17	18.24		
20	16QAM	50	0	18.21	18.38	18.35	19.5	0
20	16QAM	50	24	18.34	18.22	18.29		
20	16QAM	50	50	18.36	18.35	18.24		
20	16QAM	100	0	18.27	18.16	18.34		
20	64QAM	1	0	18.27	18.33	18.39	19.5	0
20	64QAM	1	49	18.25	18.26	18.27		
20	64QAM	1	99	18.21	18.24	18.36		
20	64QAM	50	0	18.32	18.23	18.30	19.5	0
20	64QAM	50	24	18.35	18.20	18.25		
20	64QAM	50	50	18.29	18.32	18.37		
20	64QAM	100	0	18.34	18.25	18.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.11	18.33	18.19	19.5	0
15	QPSK	1	37	18.15	18.32	18.21		
15	QPSK	1	74	17.82	18.02	17.93		
15	QPSK	36	0	18.03	18.31	18.26	19.5	0
15	QPSK	36	20	18.18	18.14	18.13		
15	QPSK	36	39	18.29	18.25	18.12		
15	QPSK	75	0	18.17	18.09	18.11		
15	16QAM	1	0	18.19	18.19	18.09	19.5	0
15	16QAM	1	37	18.24	18.12	18.27		
15	16QAM	1	74	18.15	18.05	18.17		
15	16QAM	36	0	18.14	18.24	18.25	19.5	0
15	16QAM	36	20	18.23	18.13	18.15		
15	16QAM	36	39	18.29	18.22	18.15		
15	16QAM	75	0	18.22	18.11	18.27		
15	64QAM	1	0	18.21	18.27	18.29	19.5	0
15	64QAM	1	37	18.20	18.21	18.16		
15	64QAM	1	74	18.08	18.08	18.29		
15	64QAM	36	0	18.23	18.15	18.20	19.5	0
15	64QAM	36	20	18.26	18.07	18.16		
15	64QAM	36	39	18.20	18.16	18.30		
15	64QAM	75	0	18.19	18.14	18.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.14	18.24	18.15	19.5	0
10	QPSK	1	25	18.08	18.24	18.14		
10	QPSK	1	49	17.91	18.11	17.90		
10	QPSK	25	0	18.03	18.28	18.20	19.5	0
10	QPSK	25	12	18.25	18.08	18.18		
10	QPSK	25	25	18.21	18.25	18.16		
10	QPSK	50	0	18.17	18.20	18.07		
10	16QAM	1	0	18.19	18.19	18.06	19.5	0
10	16QAM	1	25	18.24	18.13	18.21		
10	16QAM	1	49	18.14	18.05	18.14		
10	16QAM	25	0	18.11	18.30	18.30	19.5	0
10	16QAM	25	12	18.23	18.15	18.15		
10	16QAM	25	25	18.25	18.24	18.08		
10	16QAM	50	0	18.21	18.08	18.25		
10	64QAM	1	0	18.19	18.17	18.27	19.5	0
10	64QAM	1	25	18.18	18.15	18.13		
10	64QAM	1	49	18.11	18.16	18.26		
10	64QAM	25	0	18.19	18.13	18.17	19.5	0
10	64QAM	25	12	18.28	18.11	18.11		
10	64QAM	25	25	18.17	18.21	18.26		
10	64QAM	50	0	18.26	18.15	18.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.18	18.25	18.21	19.5	0
5	QPSK	1	12	18.13	18.29	18.11		
5	QPSK	1	24	17.90	18.00	17.88		
5	QPSK	12	0	18.11	18.23	18.21	19.5	0
5	QPSK	12	7	18.22	18.15	18.18		
5	QPSK	12	13	18.21	18.22	18.11		
5	QPSK	25	0	18.09	18.17	18.09		
5	16QAM	1	0	18.20	18.11	18.00	19.5	0
5	16QAM	1	12	18.23	18.12	18.26		
5	16QAM	1	24	18.18	18.12	18.18		
5	16QAM	12	0	18.10	18.22	18.24	19.5	0
5	16QAM	12	7	18.23	18.16	18.23		
5	16QAM	12	13	18.30	18.30	18.18		
5	16QAM	25	0	18.14	18.08	18.26		
5	64QAM	1	0	18.19	18.23	18.24	19.5	0
5	64QAM	1	12	18.16	18.16	18.15		
5	64QAM	1	24	18.10	18.18	18.24		
5	64QAM	12	0	18.19	18.08	18.21	19.5	0
5	64QAM	12	7	18.30	18.05	18.10		
5	64QAM	12	13	18.23	18.23	18.22		
5	64QAM	25	0	18.26	18.11	18.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.18	18.35	18.20	19.5	0
3	QPSK	1	8	18.13	18.32	18.15		
3	QPSK	1	14	17.83	18.05	17.97		
3	QPSK	8	0	18.11	18.23	18.16	19.5	0
3	QPSK	8	4	18.24	18.07	18.20		
3	QPSK	8	7	18.22	18.15	18.16		
3	QPSK	15	0	18.17	18.18	18.17		
3	16QAM	1	0	18.20	18.12	18.04	19.5	0
3	16QAM	1	8	18.26	18.14	18.20		
3	16QAM	1	14	18.23	18.10	18.17		
3	16QAM	8	0	18.15	18.31	18.25	19.5	0
3	16QAM	8	4	18.29	18.12	18.23		
3	16QAM	8	7	18.27	18.23	18.17		
3	16QAM	15	0	18.12	18.04	18.20		
3	64QAM	1	0	18.12	18.25	18.33	19.5	0
3	64QAM	1	8	18.14	18.18	18.19		
3	64QAM	1	14	18.13	18.09	18.23		
3	64QAM	8	0	18.18	18.11	18.22	19.5	0
3	64QAM	8	4	18.19	18.05	18.14		
3	64QAM	8	7	18.24	18.23	18.26		
3	64QAM	15	0	18.19	18.11	18.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.11	18.25	18.19	19.5	0
1.4	QPSK	1	3	18.16	18.27	18.20		
1.4	QPSK	1	5	17.81	18.03	17.89		
1.4	QPSK	3	0	18.06	18.29	18.24		
1.4	QPSK	3	1	18.17	18.06	18.16		
1.4	QPSK	3	3	18.29	18.22	18.17		
1.4	QPSK	6	0	18.17	18.13	18.13	19.5	0
1.4	16QAM	1	0	18.19	18.08	18.04	19.5	0
1.4	16QAM	1	3	18.27	18.12	18.27		
1.4	16QAM	1	5	18.13	18.05	18.19		
1.4	16QAM	3	0	18.08	18.32	18.23		
1.4	16QAM	3	1	18.25	18.14	18.24		
1.4	16QAM	3	3	18.29	18.30	18.09		
1.4	16QAM	6	0	18.17	18.00	18.18	19.5	0
1.4	64QAM	1	0	18.18	18.17	18.23	19.5	0
1.4	64QAM	1	3	18.16	18.20	18.20		
1.4	64QAM	1	5	18.08	18.14	18.21		
1.4	64QAM	3	0	18.26	18.08	18.15		
1.4	64QAM	3	1	18.20	18.05	18.18		
1.4	64QAM	3	3	18.23	18.25	18.23		
1.4	64QAM	6	0	18.24	18.19	18.17	19.5	0

Band 5_Ant 11

BW [MHz]	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	21.75	21.97	21.57	23	0
10	QPSK	1	25	21.71	21.72	21.70		
10	QPSK	1	49	21.63	21.79	21.52		
10	QPSK	25	0	21.76	21.86	21.76	23	0
10	QPSK	25	12	21.84	21.76	21.82		
10	QPSK	25	25	21.83	21.73	21.76		
10	QPSK	50	0	21.83	21.94	21.90		
10	16QAM	1	0	21.79	21.89	21.56	23	0
10	16QAM	1	25	21.88	21.65	21.80		
10	16QAM	1	49	21.70	21.52	21.71		
10	16QAM	25	0	21.83	21.88	21.83	23	0
10	16QAM	25	12	21.70	21.87	21.77		
10	16QAM	25	25	21.84	21.78	21.88		
10	16QAM	50	0	21.78	21.74	21.72		
10	64QAM	1	0	21.84	21.84	21.82	23	0
10	64QAM	1	25	21.62	21.45	21.42		
10	64QAM	1	49	21.78	21.66	21.79		
10	64QAM	25	0	20.87	20.85	20.72	22	1
10	64QAM	25	12	20.92	20.94	20.89		
10	64QAM	25	25	20.93	20.82	20.71		
10	64QAM	50	0	20.94	20.79	20.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.69	21.88	21.43	23	0
5	QPSK	1	12	21.64	21.59	21.59		
5	QPSK	1	24	21.50	21.71	21.36		
5	QPSK	12	0	21.66	21.77	21.63	23	0
5	QPSK	12	7	21.77	21.65	21.72		
5	QPSK	12	13	21.78	21.57	21.65		
5	QPSK	25	0	21.72	21.87	21.80		
5	16QAM	1	0	21.71	21.84	21.47	23	0
5	16QAM	1	12	21.77	21.52	21.73		
5	16QAM	1	24	21.65	21.46	21.55		
5	16QAM	12	0	21.77	21.80	21.77	23	0
5	16QAM	12	7	21.56	21.72	21.71		
5	16QAM	12	13	21.71	21.62	21.79		
5	16QAM	25	0	21.69	21.61	21.64		
5	64QAM	1	0	21.70	21.72	21.68	23	0
5	64QAM	1	12	21.54	21.36	21.30		
5	64QAM	1	24	21.70	21.53	21.67		
5	64QAM	12	0	20.81	20.69	20.59	22	1
5	64QAM	12	7	20.79	20.88	20.82		
5	64QAM	12	13	20.77	20.75	20.55		
5	64QAM	25	0	20.86	20.63	20.61		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.67	21.81	21.46	23	0
3	QPSK	1	8	21.56	21.59	21.64		
3	QPSK	1	14	21.47	21.71	21.36		
3	QPSK	8	0	21.62	21.74	21.60	23	0
3	QPSK	8	4	21.69	21.65	21.69		
3	QPSK	8	7	21.76	21.62	21.65		
3	QPSK	15	0	21.69	21.80	21.85		
3	16QAM	1	0	21.74	21.76	21.47	23	0
3	16QAM	1	8	21.78	21.59	21.67		
3	16QAM	1	14	21.61	21.37	21.57		
3	16QAM	8	0	21.77	21.75	21.75	23	0
3	16QAM	8	4	21.64	21.80	21.63		
3	16QAM	8	7	21.75	21.67	21.80		
3	16QAM	15	0	21.72	21.68	21.63		
3	64QAM	1	0	21.69	21.73	21.76	23	0
3	64QAM	1	8	21.54	21.37	21.31		
3	64QAM	1	14	21.72	21.58	21.69		
3	64QAM	8	0	20.77	20.75	20.59	22	1
3	64QAM	8	4	20.85	20.87	20.78		
3	64QAM	8	7	20.88	20.69	20.65		
3	64QAM	15	0	20.78	20.73	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.67	21.82	21.45	23	0
1.4	QPSK	1	3	21.64	21.63	21.63		
1.4	QPSK	1	5	21.48	21.70	21.42		
1.4	QPSK	3	0	21.60	21.78	21.69		
1.4	QPSK	3	1	21.72	21.64	21.67		
1.4	QPSK	3	3	21.75	21.59	21.66		
1.4	QPSK	6	0	21.76	21.78	21.77	23	0
1.4	16QAM	1	0	21.66	21.79	21.45	23	0
1.4	16QAM	1	3	21.80	21.58	21.66		
1.4	16QAM	1	5	21.60	21.46	21.66		
1.4	16QAM	3	0	21.71	21.82	21.70		
1.4	16QAM	3	1	21.61	21.77	21.64		
1.4	16QAM	3	3	21.70	21.62	21.74		
1.4	16QAM	6	0	21.64	21.67	21.66	23	0
1.4	64QAM	1	0	21.74	21.71	21.67	23	0
1.4	64QAM	1	3	21.57	21.33	21.33		
1.4	64QAM	1	5	21.62	21.57	21.64		
1.4	64QAM	3	0	21.60	21.63	21.59		
1.4	64QAM	3	1	21.52	21.17	21.22		
1.4	64QAM	3	3	21.55	21.51	21.48		
1.4	64QAM	6	0	20.81	20.63	20.65	22	1

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.30	21.57	21.37	22	0
20	QPSK	1	49	21.06	21.47	21.26		
20	QPSK	1	99	21.27	21.26	21.36		
20	QPSK	50	0	21.29	21.53	21.49	22	0
20	QPSK	50	24	21.23	21.47	21.45		
20	QPSK	50	50	21.19	21.42	21.48		
20	QPSK	100	0	21.28	21.42	21.34		
20	16QAM	1	0	21.08	21.25	21.51	22	0
20	16QAM	1	49	20.95	21.32	21.54		
20	16QAM	1	99	21.11	21.41	21.51		
20	16QAM	50	0	20.94	21.20	21.15	22	0
20	16QAM	50	24	20.96	21.21	21.30		
20	16QAM	50	50	21.12	21.43	21.38		
20	16QAM	100	0	21.07	21.23	21.19		
20	64QAM	1	0	21.09	21.42	21.36	22	0
20	64QAM	1	49	20.87	21.14	20.87		
20	64QAM	1	99	21.28	21.25	21.38		
20	64QAM	50	0	20.16	20.45	20.50	21	1
20	64QAM	50	24	20.35	20.46	20.45		
20	64QAM	50	50	20.37	20.57	20.63		
20	64QAM	100	0	20.24	20.43	20.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.23	21.52	21.27	22	0
15	QPSK	1	37	20.92	21.39	21.16		
15	QPSK	1	74	21.16	21.16	21.20		
15	QPSK	36	0	21.24	21.43	21.35	22	0
15	QPSK	36	20	21.18	21.42	21.40		
15	QPSK	36	39	21.04	21.30	21.34		
15	QPSK	75	0	21.22	21.26	21.27		
15	16QAM	1	0	21.02	21.19	21.35	22	0
15	16QAM	1	37	20.83	21.18	21.38		
15	16QAM	1	74	20.97	21.35	21.43		
15	16QAM	36	0	20.85	21.06	21.06	22	0
15	16QAM	36	20	20.90	21.15	21.20		
15	16QAM	36	39	21.05	21.37	21.22		
15	16QAM	75	0	20.96	21.08	21.10		
15	64QAM	1	0	20.96	21.30	21.20	22	0
15	64QAM	1	37	20.82	20.98	20.78		
15	64QAM	1	74	21.19	21.13	21.27		
15	64QAM	36	0	20.06	20.31	20.40	21	1
15	64QAM	36	20	20.23	20.41	20.33		
15	64QAM	36	39	20.30	20.45	20.52		
15	64QAM	75	0	20.19	20.29	20.29		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.24	21.49	21.21	22	0
10	QPSK	1	25	20.98	21.34	21.20		
10	QPSK	1	49	21.18	21.15	21.26		
10	QPSK	25	0	21.17	21.44	21.37	22	0
10	QPSK	25	12	21.18	21.39	21.40		
10	QPSK	25	25	21.12	21.28	21.41		
10	QPSK	50	0	21.14	21.34	21.19		
10	16QAM	1	0	21.00	21.11	21.46	22	0
10	16QAM	1	25	20.89	21.18	21.46		
10	16QAM	1	49	21.03	21.35	21.36		
10	16QAM	25	0	20.84	21.14	21.02	22	0
10	16QAM	25	12	20.90	21.05	21.17		
10	16QAM	25	25	20.99	21.32	21.25		
10	16QAM	50	0	20.91	21.07	21.12		
10	64QAM	1	0	21.00	21.33	21.28	22	0
10	64QAM	1	25	20.71	21.03	20.82		
10	64QAM	1	49	21.23	21.14	21.32		
10	64QAM	25	0	20.02	20.34	20.41	21	1
10	64QAM	25	12	20.19	20.41	20.39		
10	64QAM	25	25	20.29	20.49	20.50		
10	64QAM	50	0	20.18	20.38	20.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.15	21.49	21.27	22	0
5	QPSK	1	12	20.95	21.35	21.20		
5	QPSK	1	24	21.15	21.10	21.29		
5	QPSK	12	0	21.21	21.39	21.41	22	0
5	QPSK	12	7	21.10	21.39	21.36		
5	QPSK	12	13	21.10	21.26	21.42		
5	QPSK	25	0	21.12	21.28	21.22		
5	16QAM	1	0	20.95	21.20	21.43	22	0
5	16QAM	1	12	20.80	21.17	21.41		
5	16QAM	1	24	21.04	21.29	21.46		
5	16QAM	12	0	20.83	21.15	21.09	22	0
5	16QAM	12	7	20.80	21.10	21.17		
5	16QAM	12	13	21.04	21.30	21.23		
5	16QAM	25	0	20.98	21.15	21.13		
5	64QAM	1	0	21.02	21.31	21.30	22	0
5	64QAM	1	12	20.74	21.03	20.80		
5	64QAM	1	24	21.12	21.11	21.23		
5	64QAM	12	0	20.05	20.31	20.42	21	1
5	64QAM	12	7	20.23	20.39	20.39		
5	64QAM	12	13	20.21	20.52	20.52		
5	64QAM	25	0	20.15	20.35	20.38		

Band 7_Ant 31

BW [MHz]	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	20.25	20.52	20.23	21	0
20	QPSK	1	49	20.19	20.25	20.15		
20	QPSK	1	99	19.95	20.08	20.08		
20	QPSK	50	0	20.19	20.37	20.27	21	0
20	QPSK	50	24	20.18	20.30	20.21		
20	QPSK	50	50	20.16	20.24	20.19		
20	QPSK	100	0	20.13	20.19	20.17		
20	16QAM	1	0	20.28	20.16	19.96	21	0
20	16QAM	1	49	20.26	20.41	19.99		
20	16QAM	1	99	20.20	19.81	20.11		
20	16QAM	50	0	19.98	19.98	19.99	21	0
20	16QAM	50	24	19.97	19.97	19.99		
20	16QAM	50	50	19.90	20.13	20.09		
20	16QAM	100	0	20.02	20.08	19.94		
20	64QAM	1	0	19.83	19.91	19.89	21	0
20	64QAM	1	49	19.91	20.26	20.07		
20	64QAM	1	99	20.20	19.98	20.00		
20	64QAM	50	0	19.98	19.99	20.01	21	0
20	64QAM	50	24	19.93	20.08	19.99		
20	64QAM	50	50	19.89	20.01	20.00		
20	64QAM	100	0	20.07	20.03	20.03		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.15	20.40	20.08	21	0
15	QPSK	1	37	20.05	20.12	20.00		
15	QPSK	1	74	19.86	19.97	19.92		
15	QPSK	36	0	20.14	20.29	20.15	21	0
15	QPSK	36	20	20.09	20.21	20.06		
15	QPSK	36	39	20.06	20.18	20.10		
15	QPSK	75	0	20.03	20.08	20.11		
15	16QAM	1	0	20.12	20.04	19.80	21	0
15	16QAM	1	37	20.20	20.26	19.94		
15	16QAM	1	74	20.13	19.69	20.04		
15	16QAM	36	0	19.88	19.91	19.90	21	0
15	16QAM	36	20	19.87	19.92	19.83		
15	16QAM	36	39	19.85	20.03	20.00		
15	16QAM	75	0	19.87	19.94	19.81		
15	64QAM	1	0	19.75	19.82	19.76	21	0
15	64QAM	1	37	19.78	20.17	19.93		
15	64QAM	1	74	20.09	19.86	19.95		
15	64QAM	36	0	19.82	19.94	19.92	21	0
15	64QAM	36	20	19.88	19.97	19.85		
15	64QAM	36	39	19.75	19.89	19.87		
15	64QAM	75	0	19.92	19.94	19.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.10	20.39	20.17	21	0
10	QPSK	1	25	20.12	20.09	20.00		
10	QPSK	1	49	19.80	19.95	20.03		
10	QPSK	25	0	20.05	20.28	20.12	21	0
10	QPSK	25	12	20.09	20.20	20.05		
10	QPSK	25	25	20.03	20.17	20.07		
10	QPSK	50	0	20.05	20.03	20.02		
10	16QAM	1	0	20.22	20.11	19.87	21	0
10	16QAM	1	25	20.20	20.32	19.92		
10	16QAM	1	49	20.14	19.71	20.03		
10	16QAM	25	0	19.85	19.87	19.83	21	0
10	16QAM	25	12	19.81	19.84	19.94		
10	16QAM	25	25	19.75	20.06	19.93		
10	16QAM	50	0	19.95	19.94	19.82		
10	64QAM	1	0	19.72	19.83	19.79	21	0
10	64QAM	1	25	19.75	20.15	19.93		
10	64QAM	1	49	20.09	19.91	19.91		
10	64QAM	25	0	19.84	19.87	19.88	21	0
10	64QAM	25	12	19.85	19.97	19.90		
10	64QAM	25	25	19.81	19.95	19.85		
10	64QAM	50	0	19.99	19.93	19.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.14	20.38	20.17	21	0
5	QPSK	1	12	20.07	20.16	20.06		
5	QPSK	1	24	19.85	19.94	19.96		
5	QPSK	12	0	20.05	20.22	20.15	21	0
5	QPSK	12	7	20.08	20.16	20.13		
5	QPSK	12	13	20.10	20.15	20.04		
5	QPSK	25	0	20.07	20.06	20.07		
5	16QAM	1	0	20.14	20.06	19.88	21	0
5	16QAM	1	12	20.11	20.31	19.88		
5	16QAM	1	24	20.11	19.68	20.05		
5	16QAM	12	0	19.93	19.92	19.93	21	0
5	16QAM	12	7	19.86	19.91	19.86		
5	16QAM	12	13	19.83	20.04	20.00		
5	16QAM	25	0	19.97	20.02	19.84		
5	64QAM	1	0	19.77	19.75	19.76	21	0
5	64QAM	1	12	19.83	20.11	20.02		
5	64QAM	1	24	20.14	19.82	19.85		
5	64QAM	12	0	19.89	19.86	19.95	21	0
5	64QAM	12	7	19.86	19.96	19.87		
5	64QAM	12	13	19.74	19.94	19.92		
5	64QAM	25	0	19.99	19.94	19.97		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.17	19.47	19.33	20.5	0
20	QPSK	1	49	19.08	19.22	19.23		
20	QPSK	1	99	19.01	19.11	19.24		
20	QPSK	50	0	19.20	19.46	19.34	20.5	0
20	QPSK	50	24	19.17	19.28	19.29		
20	QPSK	50	50	19.17	19.40	19.30		
20	QPSK	100	0	19.29	19.42	19.33		
20	16QAM	1	0	19.08	19.23	19.27	20.5	0
20	16QAM	1	49	19.12	19.25	19.11		
20	16QAM	1	99	19.13	19.23	19.25		
20	16QAM	50	0	18.93	19.15	19.32	20.5	0
20	16QAM	50	24	19.10	19.10	19.13		
20	16QAM	50	50	19.06	19.30	19.36		
20	16QAM	100	0	19.00	19.07	19.27		
20	64QAM	1	0	19.26	19.06	19.02	20.5	0
20	64QAM	1	49	19.21	18.65	19.26		
20	64QAM	1	99	19.09	19.28	18.96		
20	64QAM	50	0	19.00	19.01	19.18	20.5	0
20	64QAM	50	24	19.18	19.07	19.36		
20	64QAM	50	50	19.05	19.23	19.31		
20	64QAM	100	0	18.99	19.21	19.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.10	19.40	19.25	20.5	0
15	QPSK	1	37	18.97	19.07	19.16		
15	QPSK	1	74	18.86	19.06	19.16		
15	QPSK	36	0	19.04	19.31	19.25	20.5	0
15	QPSK	36	20	19.11	19.12	19.22		
15	QPSK	36	39	19.01	19.26	19.24		
15	QPSK	75	0	19.14	19.30	19.22		
15	16QAM	1	0	19.00	19.14	19.11	20.5	0
15	16QAM	1	37	19.04	19.20	19.01		
15	16QAM	1	74	19.03	19.14	19.10		
15	16QAM	36	0	18.80	18.99	19.23	20.5	0
15	16QAM	36	20	19.02	19.02	19.00		
15	16QAM	36	39	18.92	19.19	19.26		
15	16QAM	75	0	18.85	18.97	19.22		
15	64QAM	1	0	19.10	18.93	18.87	20.5	0
15	64QAM	1	37	19.09	18.53	19.19		
15	64QAM	1	74	19.03	19.16	18.86		
15	64QAM	36	0	18.91	18.95	19.11	20.5	0
15	64QAM	36	20	19.13	19.00	19.30		
15	64QAM	36	39	18.95	19.18	19.19		
15	64QAM	75	0	18.93	19.05	19.28		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.04	19.32	19.27	20.5	0
10	QPSK	1	25	18.97	19.17	19.08		
10	QPSK	1	49	18.88	18.99	19.18		
10	QPSK	25	0	19.11	19.40	19.29	20.5	0
10	QPSK	25	12	19.12	19.20	19.13		
10	QPSK	25	25	19.02	19.24	19.16		
10	QPSK	50	0	19.13	19.32	19.26		
10	16QAM	1	0	18.99	19.07	19.19	20.5	0
10	16QAM	1	25	19.02	19.15	19.04		
10	16QAM	1	49	18.99	19.12	19.10		
10	16QAM	25	0	18.88	19.08	19.19	20.5	0
10	16QAM	25	12	19.01	18.97	19.08		
10	16QAM	25	25	18.98	19.26	19.31		
10	16QAM	50	0	18.95	18.97	19.12		
10	64QAM	1	0	19.17	19.00	18.88	20.5	0
10	64QAM	1	25	19.16	18.89	19.13		
10	64QAM	1	49	19.04	19.22	18.85		
10	64QAM	25	0	18.88	18.87	19.04	20.5	0
10	64QAM	25	12	19.02	18.99	19.24		
10	64QAM	25	25	18.91	19.13	19.20		
10	64QAM	50	0	18.89	19.08	19.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.07	19.42	19.17	20.5	0
5	QPSK	1	12	18.97	19.16	19.15		
5	QPSK	1	24	18.90	19.02	19.18		
5	QPSK	12	0	19.05	19.31	19.24	20.5	0
5	QPSK	12	7	19.11	19.16	19.21		
5	QPSK	12	13	19.01	19.35	19.14		
5	QPSK	25	0	19.22	19.30	19.18		
5	16QAM	1	0	19.03	19.07	19.15	20.5	0
5	16QAM	1	12	19.01	19.14	18.98		
5	16QAM	1	24	19.08	19.09	19.10		
5	16QAM	12	0	18.77	19.05	19.16	20.5	0
5	16QAM	12	7	18.94	18.94	19.08		
5	16QAM	12	13	18.90	19.18	19.29		
5	16QAM	25	0	18.90	18.99	19.19		
5	64QAM	1	0	19.18	18.91	18.86	20.5	0
5	64QAM	1	12	19.07	18.60	19.14		
5	64QAM	1	24	19.04	19.21	18.81		
5	64QAM	12	0	18.89	18.86	19.10	20.5	0
5	64QAM	12	7	19.08	19.02	19.25		
5	64QAM	12	13	18.96	19.09	19.26		
5	64QAM	25	0	18.87	19.09	19.18		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.17	20.33	19.87	21	0
20	QPSK	1	49	20.10	20.09	19.70		
20	QPSK	1	99	19.95	19.65	19.79		
20	QPSK	50	0	20.16	20.19	19.86	21	0
20	QPSK	50	24	20.13	19.92	19.79		
20	QPSK	50	50	20.15	19.88	19.71		
20	QPSK	100	0	20.12	20.13	19.74		
20	16QAM	1	0	20.22	20.26	19.76	21	0
20	16QAM	1	49	20.30	20.05	19.79		
20	16QAM	1	99	20.18	19.96	19.91		
20	16QAM	50	0	20.19	19.92	19.84	21	0
20	16QAM	50	24	20.18	19.86	19.87		
20	16QAM	50	50	20.12	19.92	19.75		
20	16QAM	100	0	20.19	19.95	19.77		
20	64QAM	1	0	20.09	20.18	19.75	21	0
20	64QAM	1	49	20.29	20.19	19.61		
20	64QAM	1	99	20.21	20.08	20.26		
20	64QAM	50	0	20.16	20.05	19.73	21	0
20	64QAM	50	24	20.11	20.02	19.85		
20	64QAM	50	50	19.99	19.90	19.78		
20	64QAM	100	0	20.03	19.98	19.79		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.04	20.23	19.77	21	0
15	QPSK	1	37	20.03	19.93	19.63		
15	QPSK	1	74	19.85	19.50	19.65		
15	QPSK	36	0	20.00	20.13	19.71	21	0
15	QPSK	36	20	20.01	19.78	19.74		
15	QPSK	36	39	19.99	19.72	19.62		
15	QPSK	75	0	20.00	20.06	19.65		
15	16QAM	1	0	20.08	20.16	19.66	21	0
15	16QAM	1	37	20.21	19.99	19.68		
15	16QAM	1	74	20.11	19.88	19.81		
15	16QAM	36	0	20.05	19.85	19.76	21	0
15	16QAM	36	20	20.06	19.72	19.73		
15	16QAM	36	39	20.00	19.81	19.66		
15	16QAM	75	0	20.07	19.86	19.66		
15	64QAM	1	0	20.03	20.11	19.62	21	0
15	64QAM	1	37	20.21	20.14	19.49		
15	64QAM	1	74	20.13	19.93	20.13		
15	64QAM	36	0	20.06	19.92	19.59	21	0
15	64QAM	36	20	20.01	19.94	19.75		
15	64QAM	36	39	19.89	19.84	19.69		
15	64QAM	75	0	19.90	19.86	19.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.04	20.26	19.81	21	0
10	QPSK	1	25	20.02	19.94	19.54		
10	QPSK	1	49	19.82	19.53	19.64		
10	QPSK	25	0	20.01	20.13	19.75	21	0
10	QPSK	25	12	19.99	19.81	19.65		
10	QPSK	25	25	20.09	19.80	19.64		
10	QPSK	50	0	20.00	20.08	19.59		
10	16QAM	1	0	20.06	20.12	19.62	21	0
10	16QAM	1	25	20.24	19.96	19.63		
10	16QAM	1	49	20.07	19.91	19.83		
10	16QAM	25	0	20.08	19.87	19.76	21	0
10	16QAM	25	12	20.09	19.71	19.77		
10	16QAM	25	25	19.97	19.82	19.66		
10	16QAM	50	0	20.03	19.83	19.69		
10	64QAM	1	0	20.00	20.08	19.62	21	0
10	64QAM	1	25	20.21	20.10	19.55		
10	64QAM	1	49	20.12	20.00	20.14		
10	64QAM	25	0	20.06	19.92	19.63	21	0
10	64QAM	25	12	20.02	19.88	19.79		
10	64QAM	25	25	19.89	19.77	19.68		
10	64QAM	50	0	19.90	19.83	19.65		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.10	20.17	19.72	21	0
5	QPSK	1	12	19.95	19.97	19.59		
5	QPSK	1	24	19.89	19.55	19.68		
5	QPSK	12	0	20.00	20.06	19.79	21	0
5	QPSK	12	7	20.03	19.83	19.63		
5	QPSK	12	13	19.99	19.77	19.58		
5	QPSK	25	0	20.02	19.98	19.64		
5	16QAM	1	0	20.15	20.21	19.65	21	0
5	16QAM	1	12	20.22	19.95	19.67		
5	16QAM	1	24	20.10	19.83	19.81		
5	16QAM	12	0	20.05	19.86	19.76	21	0
5	16QAM	12	7	20.03	19.73	19.72		
5	16QAM	12	13	20.07	19.83	19.63		
5	16QAM	25	0	20.08	19.81	19.65		
5	64QAM	1	0	20.00	20.07	19.66	21	0
5	64QAM	1	12	20.24	20.13	19.53		
5	64QAM	1	24	20.11	20.00	20.15		
5	64QAM	12	0	20.11	19.89	19.62	21	0
5	64QAM	12	7	19.98	19.88	19.69		
5	64QAM	12	13	19.83	19.76	19.73		
5	64QAM	25	0	19.98	19.84	19.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.06	20.24	19.73	21	0
3	QPSK	1	8	20.03	20.02	19.64		
3	QPSK	1	14	19.85	19.59	19.69		
3	QPSK	8	0	20.11	20.08	19.78	21	0
3	QPSK	8	4	20.08	19.87	19.72		
3	QPSK	8	7	20.00	19.74	19.64		
3	QPSK	15	0	20.06	20.07	19.61		
3	16QAM	1	0	20.13	20.13	19.60	21	0
3	16QAM	1	8	20.17	19.93	19.65		
3	16QAM	1	14	20.05	19.88	19.75		
3	16QAM	8	0	20.11	19.87	19.78	21	0
3	16QAM	8	4	20.07	19.76	19.79		
3	16QAM	8	7	20.07	19.84	19.64		
3	16QAM	15	0	20.14	19.86	19.64		
3	64QAM	1	0	20.02	20.08	19.59	21	0
3	64QAM	1	8	20.24	20.11	19.56		
3	64QAM	1	14	20.12	20.02	20.12		
3	64QAM	8	0	20.05	19.97	19.64	21	0
3	64QAM	8	4	20.02	19.95	19.76		
3	64QAM	8	7	19.87	19.81	19.63		
3	64QAM	15	0	19.96	19.85	19.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.03	20.22	19.74	21	0
1.4	QPSK	1	3	19.94	19.98	19.55		
1.4	QPSK	1	5	19.84	19.53	19.74		
1.4	QPSK	3	0	20.02	20.14	19.76		
1.4	QPSK	3	1	20.05	19.80	19.64		
1.4	QPSK	3	3	20.07	19.75	19.65		
1.4	QPSK	6	0	20.05	20.08	19.66	21	0
1.4	16QAM	1	0	20.16	20.21	19.71	21	0
1.4	16QAM	1	3	20.14	19.98	19.71		
1.4	16QAM	1	5	20.03	19.91	19.78		
1.4	16QAM	3	0	20.06	19.81	19.74		
1.4	16QAM	3	1	20.07	19.73	19.79		
1.4	16QAM	3	3	19.99	19.87	19.61		
1.4	16QAM	6	0	20.04	19.79	19.71	21	0
1.4	64QAM	1	0	19.93	20.09	19.62	21	0
1.4	64QAM	1	3	20.18	20.14	19.56		
1.4	64QAM	1	5	20.13	20.01	20.20		
1.4	64QAM	3	0	20.10	19.98	19.65		
1.4	64QAM	3	1	20.02	19.86	19.69		
1.4	64QAM	3	3	19.90	19.83	19.67		
1.4	64QAM	6	0	19.90	19.93	19.63	21	0

Band 66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.23	20.49	20.30	21	0
20	QPSK	1	49	20.15	20.34	19.98		
20	QPSK	1	99	20.08	20.10	20.06		
20	QPSK	50	0	20.21	20.24	20.22	21	0
20	QPSK	50	24	20.11	20.11	20.19		
20	QPSK	50	50	20.13	20.08	20.11		
20	QPSK	100	0	20.11	20.19	20.16		
20	16QAM	1	0	20.39	20.07	20.15	21	0
20	16QAM	1	49	20.32	20.23	20.01		
20	16QAM	1	99	20.40	20.09	19.78		
20	16QAM	50	0	20.10	20.09	20.08	21	0
20	16QAM	50	24	20.12	20.22	20.13		
20	16QAM	50	50	20.00	19.95	20.13		
20	16QAM	100	0	20.11	20.11	20.09		
20	64QAM	1	0	20.36	19.87	20.00	21	0
20	64QAM	1	49	20.37	20.42	19.93		
20	64QAM	1	99	20.17	20.00	19.71		
20	64QAM	50	0	20.08	20.26	20.15	21	0
20	64QAM	50	24	20.11	20.13	20.13		
20	64QAM	50	50	20.07	20.29	20.12		
20	64QAM	100	0	20.16	20.09	20.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.11	20.44	20.21	21	0
15	QPSK	1	37	20.04	20.19	19.90		
15	QPSK	1	74	19.96	20.03	19.91		
15	QPSK	36	0	20.07	20.18	20.17	21	0
15	QPSK	36	20	19.97	19.97	20.06		
15	QPSK	36	39	20.06	19.93	19.99		
15	QPSK	75	0	20.03	20.09	20.01		
15	16QAM	1	0	20.24	20.02	20.05	21	0
15	16QAM	1	37	20.25	20.14	19.90		
15	16QAM	1	74	20.30	20.04	19.63		
15	16QAM	36	0	20.00	19.95	19.98	21	0
15	16QAM	36	20	20.02	20.11	20.01		
15	16QAM	36	39	19.94	19.79	20.05		
15	16QAM	75	0	20.02	19.96	20.01		
15	64QAM	1	0	20.22	19.74	19.91	21	0
15	64QAM	1	37	20.31	20.37	19.85		
15	64QAM	1	74	20.04	19.86	19.63		
15	64QAM	36	0	19.92	20.14	20.08	21	0
15	64QAM	36	20	19.98	20.06	20.03		
15	64QAM	36	39	19.99	20.13	20.04		
15	64QAM	75	0	20.02	19.97	20.07		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.10	20.43	20.14	21	0
10	QPSK	1	25	20.05	20.24	19.91		
10	QPSK	1	49	19.94	19.97	19.97		
10	QPSK	25	0	20.12	20.16	20.13	21	0
10	QPSK	25	12	19.99	20.02	20.13		
10	QPSK	25	25	20.06	19.98	20.01		
10	QPSK	50	0	20.02	20.09	20.11		
10	16QAM	1	0	20.26	20.02	20.02	21	0
10	16QAM	1	25	20.22	20.08	19.96		
10	16QAM	1	49	20.25	19.97	19.62		
10	16QAM	25	0	20.01	20.01	19.92	21	0
10	16QAM	25	12	20.05	20.06	19.98		
10	16QAM	25	25	19.87	19.81	20.07		
10	16QAM	50	0	20.05	20.02	20.02		
10	64QAM	1	0	20.27	19.73	19.86	21	0
10	64QAM	1	25	20.31	20.30	19.77		
10	64QAM	1	49	20.08	19.94	19.55		
10	64QAM	25	0	19.96	20.20	20.02	21	0
10	64QAM	25	12	19.96	19.99	20.07		
10	64QAM	25	25	19.92	20.14	20.03		
10	64QAM	50	0	20.07	20.04	19.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.16	20.34	20.19	21	0
5	QPSK	1	12	20.05	20.22	19.85		
5	QPSK	1	24	20.00	20.05	19.90		
5	QPSK	12	0	20.12	20.09	20.08	21	0
5	QPSK	12	7	20.06	20.06	20.13		
5	QPSK	12	13	19.97	19.94	20.06		
5	QPSK	25	0	19.95	20.12	20.11		
5	16QAM	1	0	20.26	19.92	20.07	21	0
5	16QAM	1	12	20.17	20.13	19.88		
5	16QAM	1	24	20.33	19.99	19.67		
5	16QAM	12	0	20.05	19.96	19.93	21	0
5	16QAM	12	7	20.06	20.17	20.07		
5	16QAM	12	13	19.88	19.89	19.99		
5	16QAM	25	0	20.06	19.99	19.96		
5	64QAM	1	0	20.22	19.77	19.95	21	0
5	64QAM	1	12	20.22	20.31	19.80		
5	64QAM	1	24	20.08	19.84	19.58		
5	64QAM	12	0	19.92	20.17	20.08	21	0
5	64QAM	12	7	20.05	19.99	19.99		
5	64QAM	12	13	19.92	20.20	19.96		
5	64QAM	25	0	20.11	20.04	19.99		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.10	20.33	20.18	21	0
3	QPSK	1	8	20.07	20.25	19.93		
3	QPSK	1	14	19.95	20.05	19.91		
3	QPSK	8	0	20.10	20.12	20.12	21	0
3	QPSK	8	4	20.03	20.01	20.10		
3	QPSK	8	7	20.06	19.93	20.06		
3	QPSK	15	0	20.05	20.08	20.09		
3	16QAM	1	0	20.32	20.00	20.10	21	0
3	16QAM	1	8	20.21	20.13	19.89		
3	16QAM	1	14	20.33	19.99	19.73		
3	16QAM	8	0	19.99	20.01	20.01	21	0
3	16QAM	8	4	20.06	20.15	20.07		
3	16QAM	8	7	19.89	19.89	19.99		
3	16QAM	15	0	19.96	20.02	19.99		
3	64QAM	1	0	20.26	19.82	19.91	21	0
3	64QAM	1	8	20.31	20.37	19.81		
3	64QAM	1	14	20.07	19.95	19.55		
3	64QAM	8	0	20.02	20.21	20.01	21	0
3	64QAM	8	4	20.06	19.98	20.00		
3	64QAM	8	7	20.02	20.19	19.97		
3	64QAM	15	0	20.11	20.00	20.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.15	20.33	20.23	21	0
1.4	QPSK	1	3	20.06	20.22	19.90		
1.4	QPSK	1	5	19.95	20.04	19.90		
1.4	QPSK	3	0	20.05	20.10	20.16		
1.4	QPSK	3	1	20.01	20.00	20.09		
1.4	QPSK	3	3	20.06	20.02	20.05		
1.4	QPSK	6	0	20.06	20.04	20.03	21	0
1.4	16QAM	1	0	20.27	19.94	20.06	21	0
1.4	16QAM	1	3	20.25	20.17	19.88		
1.4	16QAM	1	5	20.30	19.94	19.68		
1.4	16QAM	3	0	20.01	19.95	20.00		
1.4	16QAM	3	1	20.04	20.10	19.97		
1.4	16QAM	3	3	19.91	19.88	20.07		
1.4	16QAM	6	0	20.00	19.99	20.00	21	0
1.4	64QAM	1	0	20.26	19.76	19.84	21	0
1.4	64QAM	1	3	20.28	20.30	19.88		
1.4	64QAM	1	5	20.11	19.94	19.56		
1.4	64QAM	3	0	19.99	20.16	20.08		
1.4	64QAM	3	1	19.96	19.99	20.04		
1.4	64QAM	3	3	19.92	20.21	20.01		
1.4	64QAM	6	0	20.05	19.96	20.00	21	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.45	18.53	17.99	19.5	0
20	QPSK	1	49	18.41	18.19	17.86		
20	QPSK	1	99	18.13	18.06	17.97		
20	QPSK	50	0	18.40	18.43	18.22	19.5	0
20	QPSK	50	24	18.38	18.22	18.06		
20	QPSK	50	50	18.32	18.14	18.21		
20	QPSK	100	0	18.34	18.36	18.02		
20	16QAM	1	0	18.41	18.52	18.26	19.5	0
20	16QAM	1	49	18.38	18.49	18.09		
20	16QAM	1	99	18.44	18.00	18.07		
20	16QAM	50	0	18.38	18.22	18.10	19.5	0
20	16QAM	50	24	18.41	18.14	18.04		
20	16QAM	50	50	18.29	18.22	18.02		
20	16QAM	100	0	18.38	18.21	18.05		
20	64QAM	1	0	18.16	18.49	18.46	19.5	0
20	64QAM	1	49	18.24	18.40	18.21		
20	64QAM	1	99	18.14	18.30	18.03		
20	64QAM	50	0	18.30	18.29	17.94	19.5	0
20	64QAM	50	24	18.49	18.23	18.01		
20	64QAM	50	50	18.30	18.25	18.10		
20	64QAM	100	0	18.34	18.27	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.36	18.47	17.91	19.5	0
15	QPSK	1	37	18.31	18.10	17.77		
15	QPSK	1	74	18.04	17.94	17.84		
15	QPSK	36	0	18.32	18.32	18.15	19.5	0
15	QPSK	36	20	18.32	18.09	17.99		
15	QPSK	36	39	18.22	18.09	18.15		
15	QPSK	75	0	18.27	18.21	17.87		
15	16QAM	1	0	18.30	18.43	18.21	19.5	0
15	16QAM	1	37	18.25	18.42	17.97		
15	16QAM	1	74	18.33	17.95	17.94		
15	16QAM	36	0	18.23	18.10	17.97	19.5	0
15	16QAM	36	20	18.28	18.01	17.94		
15	16QAM	36	39	18.14	18.16	17.93		
15	16QAM	75	0	18.24	18.12	17.91		
15	64QAM	1	0	18.04	18.43	18.30	19.5	0
15	64QAM	1	37	18.18	18.26	18.15		
15	64QAM	1	74	17.99	18.23	17.89		
15	64QAM	36	0	18.17	18.14	17.86	19.5	0
15	64QAM	36	20	18.40	18.18	17.94		
15	64QAM	36	39	18.14	18.20	18.03		
15	64QAM	75	0	18.18	18.11	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.29	18.44	17.85	19.5	0
10	QPSK	1	25	18.30	18.12	17.71		
10	QPSK	1	49	18.07	17.90	17.85		
10	QPSK	25	0	18.28	18.38	18.10	19.5	0
10	QPSK	25	12	18.27	18.07	17.93		
10	QPSK	25	25	18.24	18.03	18.11		
10	QPSK	50	0	18.19	18.23	17.87		
10	16QAM	1	0	18.29	18.40	18.20	19.5	0
10	16QAM	1	25	18.31	18.34	18.03		
10	16QAM	1	49	18.37	17.87	17.96		
10	16QAM	25	0	18.27	18.10	18.04	19.5	0
10	16QAM	25	12	18.25	18.00	17.94		
10	16QAM	25	25	18.15	18.06	17.92		
10	16QAM	50	0	18.26	18.11	17.97		
10	64QAM	1	0	18.05	18.36	18.36	19.5	0
10	64QAM	1	25	18.17	18.34	18.11		
10	64QAM	1	49	18.02	18.19	17.95		
10	64QAM	25	0	18.18	18.14	17.79	19.5	0
10	64QAM	25	12	18.36	18.08	17.95		
10	64QAM	25	25	18.17	18.18	18.00		
10	64QAM	50	0	18.22	18.12	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.40	18.37	17.83	19.5	0
5	QPSK	1	12	18.30	18.06	17.72		
5	QPSK	1	24	17.99	17.92	17.87		
5	QPSK	12	0	18.31	18.38	18.13	19.5	0
5	QPSK	12	7	18.30	18.13	18.01		
5	QPSK	12	13	18.20	18.05	18.11		
5	QPSK	25	0	18.28	18.21	17.94		
5	16QAM	1	0	18.25	18.36	18.13	19.5	0
5	16QAM	1	12	18.25	18.40	18.03		
5	16QAM	1	24	18.28	17.89	17.96		
5	16QAM	12	0	18.23	18.07	18.00	19.5	0
5	16QAM	12	7	18.32	18.09	17.99		
5	16QAM	12	13	18.22	18.16	17.92		
5	16QAM	25	0	18.31	18.14	17.92		
5	64QAM	1	0	18.08	18.35	18.32	19.5	0
5	64QAM	1	12	18.10	18.24	18.07		
5	64QAM	1	24	17.98	18.22	17.87		
5	64QAM	12	0	18.19	18.20	17.83	19.5	0
5	64QAM	12	7	18.35	18.10	17.88		
5	64QAM	12	13	18.14	18.11	18.00		
5	64QAM	25	0	18.24	18.18	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.35	18.45	17.88	19.5	0
3	QPSK	1	8	18.30	18.04	17.79		
3	QPSK	1	14	17.99	17.93	17.84		
3	QPSK	8	0	18.35	18.29	18.10	19.5	0
3	QPSK	8	4	18.33	18.14	17.92		
3	QPSK	8	7	18.20	18.02	18.09		
3	QPSK	15	0	18.26	18.26	17.97		
3	16QAM	1	0	18.28	18.42	18.13	19.5	0
3	16QAM	1	8	18.27	18.35	18.00		
3	16QAM	1	14	18.28	17.85	18.02		
3	16QAM	8	0	18.25	18.12	18.02	19.5	0
3	16QAM	8	4	18.30	18.03	17.99		
3	16QAM	8	7	18.14	18.16	17.86		
3	16QAM	15	0	18.28	18.05	17.98		
3	64QAM	1	0	18.05	18.38	18.35	19.5	0
3	64QAM	1	8	18.11	18.35	18.08		
3	64QAM	1	14	18.08	18.19	17.95		
3	64QAM	8	0	18.22	18.21	17.80	19.5	0
3	64QAM	8	4	18.40	18.12	17.87		
3	64QAM	8	7	18.23	18.18	18.00		
3	64QAM	15	0	18.23	18.20	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.30	18.48	17.87	19.5	0
1.4	QPSK	1	3	18.34	18.10	17.73		
1.4	QPSK	1	5	18.03	18.00	17.81		
1.4	QPSK	3	0	18.34	18.29	18.09		
1.4	QPSK	3	1	18.25	18.11	17.93		
1.4	QPSK	3	3	18.17	18.03	18.05		
1.4	QPSK	6	0	18.23	18.20	17.92	19.5	0
1.4	16QAM	1	0	18.28	18.42	18.15	19.5	0
1.4	16QAM	1	3	18.26	18.33	18.00		
1.4	16QAM	1	5	18.34	17.92	17.95		
1.4	16QAM	3	0	18.31	18.07	17.97		
1.4	16QAM	3	1	18.36	17.99	17.94		
1.4	16QAM	3	3	18.19	18.06	17.86		
1.4	16QAM	6	0	18.24	18.12	17.94	19.5	0
1.4	64QAM	1	0	18.00	18.40	18.40	19.5	0
1.4	64QAM	1	3	18.16	18.29	18.09		
1.4	64QAM	1	5	17.99	18.22	17.91		
1.4	64QAM	3	0	18.18	18.16	17.87		
1.4	64QAM	3	1	18.40	18.09	17.87		
1.4	64QAM	3	3	18.18	18.10	17.98		
1.4	64QAM	6	0	18.21	18.19	17.86	19.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.97	21.99	21.95	22.7	0
20	QPSK	1	49	21.94	21.88	21.93		
20	QPSK	1	99	21.88	21.82	21.98		
20	QPSK	50	0	21.87	21.91	21.72	22.7	0
20	QPSK	50	24	21.82	21.83	21.83		
20	QPSK	50	50	21.84	21.86	21.82		
20	QPSK	100	0	21.95	21.96	21.87		
20	16QAM	1	0	21.97	21.73	21.78	22.7	0
20	16QAM	1	49	21.83	21.93	21.91		
20	16QAM	1	99	21.70	21.95	21.84		
20	16QAM	50	0	21.35	21.31	21.22	22.2	0.5
20	16QAM	50	24	21.42	21.35	21.43		
20	16QAM	50	50	21.39	21.49	21.47		
20	16QAM	100	0	21.47	21.36	21.44		
20	64QAM	1	0	21.69	21.64	21.36	22.2	0.5
20	64QAM	1	49	21.62	21.86	21.72		
20	64QAM	1	99	21.36	21.41	21.75		
20	64QAM	50	0	20.40	20.26	20.35	21.2	1.5
20	64QAM	50	24	20.44	20.40	20.48		
20	64QAM	50	50	20.34	20.33	20.38		
20	64QAM	100	0	20.37	20.28	20.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.85	21.85	21.88	22.7	0
15	QPSK	1	37	21.86	21.72	21.84		
15	QPSK	1	74	21.78	21.73	21.82		
15	QPSK	36	0	21.79	21.78	21.64	22.7	0
15	QPSK	36	20	21.72	21.74	21.75		
15	QPSK	36	39	21.69	21.70	21.77		
15	QPSK	75	0	21.89	21.88	21.75		
15	16QAM	1	0	21.81	21.68	21.65	22.7	0
15	16QAM	1	37	21.78	21.78	21.78		
15	16QAM	1	74	21.59	21.85	21.79		
15	16QAM	36	0	21.23	21.25	21.09	22.2	0.5
15	16QAM	36	20	21.30	21.26	21.36		
15	16QAM	36	39	21.31	21.37	21.32		
15	16QAM	75	0	21.37	21.22	21.33		
15	64QAM	1	0	21.57	21.49	21.24	22.2	0.5
15	64QAM	1	37	21.46	21.77	21.57		
15	64QAM	1	74	21.21	21.31	21.68		
15	64QAM	36	0	20.28	20.14	20.19	21.2	1.5
15	64QAM	36	20	20.37	20.27	20.36		
15	64QAM	36	39	20.18	20.21	20.28		
15	64QAM	75	0	20.29	20.12	20.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.91	21.94	21.79	22.7	0
10	QPSK	1	25	21.83	21.72	21.85		
10	QPSK	1	49	21.79	21.69	21.83		
10	QPSK	25	0	21.79	21.84	21.66	22.7	0
10	QPSK	25	12	21.76	21.75	21.76		
10	QPSK	25	25	21.76	21.76	21.72		
10	QPSK	50	0	21.90	21.91	21.75		
10	16QAM	1	0	21.82	21.62	21.69	22.7	0
10	16QAM	1	25	21.73	21.83	21.82		
10	16QAM	1	49	21.54	21.79	21.70		
10	16QAM	25	0	21.28	21.24	21.09	22.2	0.5
10	16QAM	25	12	21.30	21.23	21.28		
10	16QAM	25	25	21.28	21.43	21.42		
10	16QAM	50	0	21.31	21.28	21.35		
10	64QAM	1	0	21.54	21.57	21.26	22.2	0.5
10	64QAM	1	25	21.53	21.79	21.63		
10	64QAM	1	49	21.24	21.25	21.60		
10	64QAM	25	0	20.31	20.14	20.19	21.2	1.5
10	64QAM	25	12	20.38	20.25	20.37		
10	64QAM	25	25	20.18	20.24	20.24		
10	64QAM	50	0	20.29	20.15	20.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.89	21.92	21.83	22.7	0
5	QPSK	1	12	21.86	21.79	21.77		
5	QPSK	1	24	21.79	21.77	21.82		
5	QPSK	12	0	21.72	21.78	21.59	22.7	0
5	QPSK	12	7	21.70	21.72	21.76		
5	QPSK	12	13	21.78	21.76	21.71		
5	QPSK	25	0	21.89	21.84	21.81		
5	16QAM	1	0	21.88	21.63	21.70	22.7	0
5	16QAM	1	12	21.70	21.87	21.86		
5	16QAM	1	24	21.55	21.88	21.75		
5	16QAM	12	0	21.24	21.21	21.13	22.2	0.5
5	16QAM	12	7	21.27	21.22	21.30		
5	16QAM	12	13	21.23	21.39	21.32		
5	16QAM	25	0	21.33	21.26	21.39		
5	64QAM	1	0	21.57	21.55	21.26	22.2	0.5
5	64QAM	1	12	21.53	21.74	21.66		
5	64QAM	1	24	21.20	21.35	21.59		
5	64QAM	12	0	20.25	20.21	20.20	21.2	1.5
5	64QAM	12	7	20.35	20.27	20.37		
5	64QAM	12	13	20.21	20.28	20.31		
5	64QAM	25	0	20.24	20.21	20.27		

Band 38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.15	22.39	22.14	23	0
20	QPSK	1	49	22.09	22.24	22.35		
20	QPSK	1	99	22.29	22.20	22.33		
20	QPSK	50	0	22.19	22.39	22.26	23	0
20	QPSK	50	24	22.29	22.31	22.35		
20	QPSK	50	50	22.32	22.27	22.38		
20	QPSK	100	0	22.25	22.33	22.27		
20	16QAM	1	0	22.24	22.31	22.04	23	0
20	16QAM	1	49	22.15	22.22	22.26		
20	16QAM	1	99	22.28	22.18	22.38		
20	16QAM	50	0	22.07	22.27	22.19	23	0
20	16QAM	50	24	22.30	22.21	22.35		
20	16QAM	50	50	22.31	22.25	22.35		
20	16QAM	100	0	22.37	22.22	22.33		
20	64QAM	1	0	21.85	22.25	22.32	23	0
20	64QAM	1	49	22.33	21.95	22.16		
20	64QAM	1	99	22.33	22.20	22.13		
20	64QAM	50	0	21.07	21.22	21.24	22	1
20	64QAM	50	24	21.29	21.22	21.43		
20	64QAM	50	50	21.15	21.35	21.37		
20	64QAM	100	0	21.31	21.27	21.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.07	22.29	21.99	23	0
15	QPSK	1	37	22.04	22.11	22.29		
15	QPSK	1	74	22.15	22.11	22.20		
15	QPSK	36	0	22.07	22.27	22.20	23	0
15	QPSK	36	20	22.13	22.19	22.24		
15	QPSK	36	39	22.17	22.11	22.29		
15	QPSK	75	0	22.12	22.23	22.13		
15	16QAM	1	0	22.11	22.20	21.98	23	0
15	16QAM	1	37	22.03	22.07	22.17		
15	16QAM	1	74	22.21	22.05	22.27		
15	16QAM	36	0	21.91	22.12	22.06	23	0
15	16QAM	36	20	22.14	22.05	22.20		
15	16QAM	36	39	22.19	22.19	22.25		
15	16QAM	75	0	22.29	22.17	22.18		
15	64QAM	1	0	21.71	22.19	22.23	23	0
15	64QAM	1	37	22.26	21.89	22.10		
15	64QAM	1	74	22.20	22.06	22.08		
15	64QAM	36	0	21.01	21.08	21.14	22	1
15	64QAM	36	20	21.19	21.07	21.31		
15	64QAM	36	39	21.02	21.30	21.25		
15	64QAM	75	0	21.18	21.18	21.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.03	22.34	21.98	23	0
10	QPSK	1	25	22.00	22.18	22.23		
10	QPSK	1	49	22.13	22.14	22.17		
10	QPSK	25	0	22.11	22.27	22.16	23	0
10	QPSK	25	12	22.13	22.21	22.29		
10	QPSK	25	25	22.16	22.12	22.29		
10	QPSK	50	0	22.15	22.23	22.12		
10	16QAM	1	0	22.15	22.18	21.97	23	0
10	16QAM	1	25	22.07	22.14	22.14		
10	16QAM	1	49	22.16	22.07	22.24		
10	16QAM	25	0	22.00	22.11	22.09	23	0
10	16QAM	25	12	22.21	22.12	22.22		
10	16QAM	25	25	22.25	22.09	22.22		
10	16QAM	50	0	22.25	22.07	22.17		
10	64QAM	1	0	21.79	22.14	22.18	23	0
10	64QAM	1	25	22.26	21.83	22.11		
10	64QAM	1	49	22.21	22.12	21.99		
10	64QAM	25	0	20.97	21.06	21.12	22	1
10	64QAM	25	12	21.13	21.17	21.28		
10	64QAM	25	25	21.06	21.24	21.22		
10	64QAM	50	0	21.25	21.15	21.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.00	22.28	21.98	23	0
5	QPSK	1	12	22.02	22.09	22.25		
5	QPSK	1	24	22.24	22.09	22.27		
5	QPSK	12	0	22.04	22.32	22.15	23	0
5	QPSK	12	7	22.17	22.18	22.22		
5	QPSK	12	13	22.26	22.14	22.26		
5	QPSK	25	0	22.19	22.27	22.11		
5	16QAM	1	0	22.14	22.23	21.97	23	0
5	16QAM	1	12	22.03	22.06	22.19		
5	16QAM	1	24	22.20	22.12	22.32		
5	16QAM	12	0	21.91	22.18	22.09	23	0
5	16QAM	12	7	22.22	22.15	22.29		
5	16QAM	12	13	22.20	22.20	22.30		
5	16QAM	25	0	22.26	22.12	22.20		
5	64QAM	1	0	21.71	22.18	22.23	23	0
5	64QAM	1	12	22.28	21.88	22.02		
5	64QAM	1	24	22.25	22.05	22.08		
5	64QAM	12	0	20.92	21.13	21.11	22	1
5	64QAM	12	7	21.14	21.16	21.36		
5	64QAM	12	13	21.10	21.27	21.32		
5	64QAM	25	0	21.22	21.20	21.20		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.83	21.08	20.67	22.5	0
20	QPSK	1	49	20.82	20.97	20.85		
20	QPSK	1	99	20.90	20.87	20.76		
20	QPSK	50	0	20.89	20.99	20.86	22.5	0
20	QPSK	50	24	20.96	20.82	20.96		
20	QPSK	50	50	20.81	20.96	20.95		
20	QPSK	100	0	20.89	20.93	20.88		
20	16QAM	1	0	20.80	20.84	20.84	22.5	0
20	16QAM	1	49	20.77	20.81	20.70		
20	16QAM	1	99	20.78	20.92	21.05		
20	16QAM	50	0	20.78	20.79	20.95	22.5	0
20	16QAM	50	24	20.98	20.90	20.91		
20	16QAM	50	50	20.88	20.94	21.05		
20	16QAM	100	0	20.89	20.82	21.02		
20	64QAM	1	0	20.76	20.83	20.88	22.5	0
20	64QAM	1	49	21.05	20.77	20.87		
20	64QAM	1	99	20.81	20.86	21.00		
20	64QAM	50	0	19.75	19.80	19.89	21.5	1
20	64QAM	50	24	19.83	19.88	19.93		
20	64QAM	50	50	19.92	19.90	19.99		
20	64QAM	100	0	19.86	19.84	19.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.76	21.01	20.55	22.5	0
15	QPSK	1	37	20.76	20.82	20.80		
15	QPSK	1	74	20.78	20.79	20.60		
15	QPSK	36	0	20.73	20.92	20.71	22.5	0
15	QPSK	36	20	20.83	20.67	20.89		
15	QPSK	36	39	20.76	20.89	20.85		
15	QPSK	75	0	20.80	20.77	20.73		
15	16QAM	1	0	20.66	20.69	20.69	22.5	0
15	16QAM	1	37	20.69	20.73	20.56		
15	16QAM	1	74	20.67	20.79	20.96		
15	16QAM	36	0	20.62	20.72	20.85	22.5	0
15	16QAM	36	20	20.89	20.76	20.75		
15	16QAM	36	39	20.78	20.78	20.93		
15	16QAM	75	0	20.80	20.72	20.96		
15	64QAM	1	0	20.63	20.67	20.77	22.5	0
15	64QAM	1	37	20.98	20.65	20.73		
15	64QAM	1	74	20.67	20.71	20.86		
15	64QAM	36	0	19.68	19.68	19.75	21.5	1
15	64QAM	36	20	19.68	19.78	19.84		
15	64QAM	36	39	19.78	19.83	19.83		
15	64QAM	75	0	19.80	19.78	19.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.69	21.02	20.58	22.5	0
10	QPSK	1	25	20.66	20.82	20.79		
10	QPSK	1	49	20.80	20.74	20.68		
10	QPSK	25	0	20.73	20.86	20.80	22.5	0
10	QPSK	25	12	20.80	20.66	20.80		
10	QPSK	25	25	20.66	20.81	20.85		
10	QPSK	50	0	20.80	20.88	20.78		
10	16QAM	1	0	20.72	20.75	20.68	22.5	0
10	16QAM	1	25	20.66	20.76	20.57		
10	16QAM	1	49	20.66	20.82	20.98		
10	16QAM	25	0	20.65	20.65	20.84	22.5	0
10	16QAM	25	12	20.83	20.85	20.80		
10	16QAM	25	25	20.82	20.81	20.95		
10	16QAM	50	0	20.76	20.68	20.95		
10	64QAM	1	0	20.67	20.70	20.72	22.5	0
10	64QAM	1	25	20.92	20.71	20.74		
10	64QAM	1	49	20.69	20.70	20.90		
10	64QAM	25	0	19.64	19.67	19.84	21.5	1
10	64QAM	25	12	19.77	19.73	19.84		
10	64QAM	25	25	19.76	19.76	19.83		
10	64QAM	50	0	19.73	19.70	19.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.69	20.99	20.62	22.5	0
5	QPSK	1	12	20.74	20.92	20.75		
5	QPSK	1	24	20.78	20.79	20.63		
5	QPSK	12	0	20.79	20.90	20.70	22.5	0
5	QPSK	12	7	20.87	20.73	20.83		
5	QPSK	12	13	20.66	20.84	20.84		
5	QPSK	25	0	20.74	20.83	20.81		
5	16QAM	1	0	20.65	20.79	20.76	22.5	0
5	16QAM	1	12	20.68	20.65	20.60		
5	16QAM	1	24	20.69	20.83	20.94		
5	16QAM	12	0	20.67	20.73	20.83	22.5	0
5	16QAM	12	7	20.89	20.77	20.80		
5	16QAM	12	13	20.75	20.89	20.89		
5	16QAM	25	0	20.75	20.77	20.86		
5	64QAM	1	0	20.60	20.71	20.81	22.5	0
5	64QAM	1	12	20.93	20.66	20.81		
5	64QAM	1	24	20.73	20.78	20.91		
5	64QAM	12	0	19.62	19.74	19.78	21.5	1
5	64QAM	12	7	19.68	19.76	19.77		
5	64QAM	12	13	19.87	19.84	19.85		
5	64QAM	25	0	19.77	19.71	19.80		

Band 41_Ant 13

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	21.96	21.97	22.05	21.98	22.00	22.5	0
20	QPSK	1	49	21.81	21.79	21.78	21.71	21.57		
20	QPSK	1	99	21.71	21.84	21.94	21.66	21.73		
20	QPSK	50	0	21.85	21.93	21.96	21.80	21.75	22.5	0
20	QPSK	50	24	21.73	21.64	21.55	21.65	21.48		
20	QPSK	50	50	21.66	21.75	21.61	21.65	21.57		
20	QPSK	100	0	21.89	21.96	21.98	21.94	21.72		
20	16QAM	1	0	21.52	21.85	21.52	21.90	21.70	22.5	0
20	16QAM	1	49	21.81	21.77	21.86	21.90	21.73		
20	16QAM	1	99	21.90	21.77	21.75	21.75	21.61		
20	16QAM	50	0	21.35	21.24	21.23	21.23	21.25	22	0.5
20	16QAM	50	24	21.38	21.56	21.30	21.37	21.26		
20	16QAM	50	50	21.48	21.53	21.43	21.36	21.24		
20	16QAM	100	0	21.48	21.49	21.30	21.30	21.18		
20	64QAM	1	0	21.13	21.62	21.26	21.38	21.41	22	0.5
20	64QAM	1	49	21.77	21.24	21.56	21.61	21.64		
20	64QAM	1	99	21.31	21.79	21.59	21.55	21.29		
20	64QAM	50	0	20.20	20.35	20.36	20.21	20.19	21	1.5
20	64QAM	50	24	20.45	20.46	20.29	20.44	20.19		
20	64QAM	50	50	20.32	20.48	20.33	20.42	20.20		
20	64QAM	100	0	20.40	20.47	20.36	20.34	20.18		
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	21.90	21.92	21.93	21.85	21.87	22.5	0
15	QPSK	1	37	21.73	21.70	21.63	21.64	21.44		
15	QPSK	1	74	21.61	21.77	21.86	21.61	21.67		
15	QPSK	36	0	21.72	21.87	21.81	21.65	21.63	22.5	0
15	QPSK	36	20	21.66	21.55	21.40	21.57	21.33		
15	QPSK	36	39	21.54	21.70	21.47	21.55	21.43		
15	QPSK	75	0	21.79	21.87	21.87	21.79	21.59		
15	16QAM	1	0	21.40	21.73	21.40	21.75	21.59	22.5	0
15	16QAM	1	37	21.75	21.68	21.78	21.74	21.67		
15	16QAM	1	74	21.75	21.66	21.67	21.62	21.53		
15	16QAM	36	0	21.25	21.08	21.18	21.10	21.14	22	0.5
15	16QAM	36	20	21.26	21.42	21.21	21.28	21.10		
15	16QAM	36	39	21.36	21.48	21.38	21.21	21.14		
15	16QAM	75	0	21.39	21.40	21.23	21.19	21.07		
15	64QAM	1	0	21.01	21.50	21.16	21.28	21.29	22	0.5
15	64QAM	1	37	21.63	21.17	21.41	21.45	21.57		
15	64QAM	1	74	21.22	21.65	21.43	21.45	21.22		
15	64QAM	36	0	20.14	20.21	20.29	20.12	20.12	21	1.5
15	64QAM	36	20	20.40	20.30	20.17	20.30	20.09		
15	64QAM	36	39	20.21	20.34	20.23	20.36	20.15		
15	64QAM	75	0	20.33	20.37	20.24	20.25	20.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.84	21.83	21.98	21.92	21.93	22.5	0
10	QPSK	1	25	21.73	21.70	21.62	21.62	21.47		
10	QPSK	1	49	21.56	21.73	21.85	21.50	21.65		
10	QPSK	25	0	21.74	21.88	21.81	21.67	21.70	22.5	0
10	QPSK	25	12	21.61	21.50	21.41	21.57	21.38		
10	QPSK	25	25	21.52	21.59	21.50	21.55	21.42		
10	QPSK	50	0	21.83	21.83	21.90	21.89	21.60		
10	16QAM	1	0	21.38	21.73	21.38	21.83	21.54	22.5	0
10	16QAM	1	25	21.68	21.69	21.72	21.74	21.68		
10	16QAM	1	49	21.82	21.72	21.60	21.70	21.48		
10	16QAM	25	0	21.22	21.16	21.15	21.16	21.19	22	0.5
10	16QAM	25	12	21.26	21.50	21.16	21.27	21.13		
10	16QAM	25	25	21.39	21.47	21.31	21.25	21.16		
10	16QAM	50	0	21.34	21.39	21.15	21.15	21.11		
10	64QAM	1	0	21.03	21.47	21.11	21.30	21.34	22	0.5
10	64QAM	1	25	21.70	21.09	21.40	21.53	21.56		
10	64QAM	1	49	21.15	21.65	21.46	21.49	21.20		
10	64QAM	25	0	20.04	20.28	20.21	20.11	20.07	21	1.5
10	64QAM	25	12	20.30	20.37	20.14	20.37	20.07		
10	64QAM	25	25	20.26	20.41	20.21	20.33	20.04		
10	64QAM	50	0	20.31	20.37	20.25	20.19	20.03		
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	21.86	21.87	21.98	21.84	21.91	22.5	0
5	QPSK	1	12	21.66	21.73	21.65	21.61	21.47		
5	QPSK	1	24	21.60	21.72	21.84	21.53	21.60		
5	QPSK	12	0	21.70	21.77	21.80	21.73	21.68	22.5	0
5	QPSK	12	7	21.68	21.51	21.43	21.51	21.32		
5	QPSK	12	13	21.53	21.70	21.48	21.52	21.50		
5	QPSK	25	0	21.84	21.91	21.89	21.80	21.62		
5	16QAM	1	0	21.38	21.78	21.38	21.80	21.55	22.5	0
5	16QAM	1	12	21.68	21.64	21.70	21.76	21.68		
5	16QAM	1	24	21.74	21.71	21.62	21.61	21.56		
5	16QAM	12	0	21.26	21.12	21.12	21.09	21.18	22	0.5
5	16QAM	12	7	21.31	21.50	21.23	21.26	21.15		
5	16QAM	12	13	21.37	21.42	21.33	21.25	21.17		
5	16QAM	25	0	21.43	21.42	21.16	21.18	21.02		
5	64QAM	1	0	21.04	21.53	21.16	21.25	21.36	22	0.5
5	64QAM	1	12	21.63	21.13	21.45	21.53	21.53		
5	64QAM	1	24	21.18	21.63	21.54	21.43	21.24		
5	64QAM	12	0	20.05	20.27	20.31	20.06	20.14	21	1.5
5	64QAM	12	7	20.30	20.41	20.17	20.31	20.12		
5	64QAM	12	13	20.25	20.43	20.21	20.33	20.15		
5	64QAM	25	0	20.31	20.32	20.29	20.21	20.11		

Band 41_Ant 31

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	22.16	22.25	22.38	22.31	22.26	23	0
20	QPSK	1	49	21.90	22.11	22.14	22.14	22.05		
20	QPSK	1	99	21.93	22.04	22.09	21.98	22.25		
20	QPSK	50	0	22.21	22.20	22.28	22.19	22.21	23	0
20	QPSK	50	24	22.18	22.08	22.15	22.18	22.09		
20	QPSK	50	50	22.13	22.14	22.17	22.16	22.19		
20	QPSK	100	0	22.17	22.21	22.23	22.17	22.13		
20	16QAM	1	0	22.26	21.87	22.32	21.99	22.01	23	0
20	16QAM	1	49	21.93	21.75	22.22	22.35	22.30		
20	16QAM	1	99	21.96	21.98	21.97	22.26	21.86		
20	16QAM	50	0	21.81	21.79	21.88	21.86	21.82	23	0
20	16QAM	50	24	21.89	21.93	21.87	21.98	21.91		
20	16QAM	50	50	21.80	21.99	21.99	21.94	21.94		
20	16QAM	100	0	21.81	21.96	21.81	21.90	21.87		
20	64QAM	1	0	21.56	21.79	22.35	21.96	22.00	23	0
20	64QAM	1	49	22.08	21.76	22.18	22.32	22.04		
20	64QAM	1	99	21.78	21.76	22.07	22.27	22.17		
20	64QAM	50	0	21.13	21.14	21.12	21.12	21.19	22	1
20	64QAM	50	24	21.24	21.26	21.14	21.17	21.19		
20	64QAM	50	50	21.07	21.37	21.23	21.28	21.14		
20	64QAM	100	0	21.06	21.25	20.97	21.29	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	22.00	22.11	22.25	22.23	22.16	23	0
15	QPSK	1	37	21.77	21.96	22.05	22.02	21.99		
15	QPSK	1	74	21.80	21.90	21.94	21.83	22.18		
15	QPSK	36	0	22.13	22.13	22.14	22.04	22.15	23	0
15	QPSK	36	20	22.12	21.93	22.00	22.11	21.93		
15	QPSK	36	39	22.00	22.00	22.05	22.11	22.09		
15	QPSK	75	0	22.11	22.11	22.07	22.12	22.04		
15	16QAM	1	0	22.21	21.81	22.25	21.83	21.88	23	0
15	16QAM	1	37	21.80	21.67	22.14	22.30	22.15		
15	16QAM	1	74	21.83	21.88	21.92	22.18	21.72		
15	16QAM	36	0	21.68	21.67	21.78	21.74	21.66	23	0
15	16QAM	36	20	21.75	21.83	21.80	21.85	21.79		
15	16QAM	36	39	21.65	21.92	21.91	21.87	21.83		
15	16QAM	75	0	21.65	21.89	21.66	21.76	21.80		
15	64QAM	1	0	21.49	21.73	22.24	21.80	21.85	23	0
15	64QAM	1	37	22.03	21.68	22.11	22.24	21.97		
15	64QAM	1	74	21.70	21.65	21.99	22.13	22.04		
15	64QAM	36	0	21.06	21.01	21.00	20.99	21.06	22	1
15	64QAM	36	20	21.15	21.15	21.03	21.07	21.12		
15	64QAM	36	39	20.91	21.24	21.13	21.16	21.05		
15	64QAM	75	0	20.95	21.15	20.92	21.23	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.03	22.09	22.30	22.16	22.19	23	0
10	QPSK	1	25	21.83	21.95	22.02	22.05	21.99		
10	QPSK	1	49	21.82	21.88	21.99	21.93	22.11		
10	QPSK	25	0	22.13	22.06	22.21	22.14	22.12	23	0
10	QPSK	25	12	22.09	21.99	22.08	22.05	21.93		
10	QPSK	25	25	21.99	22.08	22.03	22.00	22.10		
10	QPSK	50	0	22.07	22.06	22.12	22.02	21.98		
10	16QAM	1	0	22.20	21.71	22.24	21.87	21.93	23	0
10	16QAM	1	25	21.78	21.65	22.08	22.30	22.14		
10	16QAM	1	49	21.85	21.85	21.92	22.16	21.73		
10	16QAM	25	0	21.66	21.63	21.77	21.72	21.68	23	0
10	16QAM	25	12	21.76	21.83	21.76	21.88	21.86		
10	16QAM	25	25	21.64	21.92	21.83	21.79	21.88		
10	16QAM	50	0	21.76	21.85	21.68	21.79	21.71		
10	64QAM	1	0	21.42	21.64	22.28	21.90	21.84	23	0
10	64QAM	1	25	22.00	21.64	22.13	22.18	21.93		
10	64QAM	1	49	21.64	21.61	21.95	22.20	22.01		
10	64QAM	25	0	20.98	21.03	20.98	21.01	21.03	22	1
10	64QAM	25	12	21.09	21.21	21.00	21.06	21.04		
10	64QAM	25	25	20.96	21.26	21.16	21.13	20.98		
10	64QAM	50	0	20.93	21.19	20.82	21.15	21.07		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.06	22.19	22.27	22.15	22.15	23	0
5	QPSK	1	12	21.83	21.96	22.07	22.03	21.96		
5	QPSK	1	24	21.78	21.95	22.00	21.85	22.12		
5	QPSK	12	0	22.10	22.12	22.13	22.08	22.09	23	0
5	QPSK	12	7	22.11	21.99	22.00	22.10	22.01		
5	QPSK	12	13	21.97	22.09	22.03	22.02	22.13		
5	QPSK	25	0	22.08	22.10	22.17	22.02	22.02		
5	16QAM	1	0	22.17	21.76	22.20	21.91	21.94	23	0
5	16QAM	1	12	21.86	21.64	22.11	22.24	22.24		
5	16QAM	1	24	21.91	21.88	21.86	22.12	21.79		
5	16QAM	12	0	21.66	21.64	21.79	21.72	21.69	23	0
5	16QAM	12	7	21.79	21.84	21.74	21.88	21.83		
5	16QAM	12	13	21.64	21.90	21.89	21.89	21.84		
5	16QAM	25	0	21.74	21.89	21.66	21.81	21.82		
5	64QAM	1	0	21.40	21.73	22.26	21.84	21.88	23	0
5	64QAM	1	12	21.95	21.63	22.07	22.26	21.99		
5	64QAM	1	24	21.65	21.60	22.00	22.19	22.03		
5	64QAM	12	0	20.99	20.99	20.97	20.97	21.05	22	1
5	64QAM	12	7	21.13	21.21	21.07	21.01	21.11		
5	64QAM	12	13	20.94	21.26	21.18	21.12	21.05		
5	64QAM	25	0	20.99	21.20	20.90	21.16	21.03		

Band 41_Ant 25

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	20.68	20.73	20.99	20.80	20.73	22.5	0
20	QPSK	1	49	20.60	20.71	20.84	20.72	20.65		
20	QPSK	1	99	20.50	20.63	20.76	20.66	20.71		
20	QPSK	50	0	20.77	20.86	20.92	20.91	20.86	22.5	0
20	QPSK	50	24	20.73	20.81	20.84	20.86	20.76		
20	QPSK	50	50	20.73	20.77	20.85	20.88	20.79		
20	QPSK	100	0	20.79	20.83	20.86	20.79	20.79		
20	16QAM	1	0	20.73	20.91	20.84	20.97	20.97	22.5	0
20	16QAM	1	49	20.84	20.83	20.80	20.96	20.95		
20	16QAM	1	99	20.70	20.98	20.92	20.89	20.98		
20	16QAM	50	0	20.58	20.71	20.78	20.91	20.95	22.5	0
20	16QAM	50	24	20.83	20.88	20.89	20.80	20.77		
20	16QAM	50	50	20.74	20.78	20.86	20.86	20.81		
20	16QAM	100	0	20.71	20.77	20.76	20.87	20.78		
20	64QAM	1	0	20.84	20.81	20.85	20.92	20.84	22.5	0
20	64QAM	1	49	20.91	20.82	20.70	20.94	20.81		
20	64QAM	1	99	20.77	20.98	20.83	20.88	20.98		
20	64QAM	50	0	19.73	19.67	19.78	19.82	19.76	21.5	1
20	64QAM	50	24	19.75	19.85	19.72	19.85	19.73		
20	64QAM	50	50	19.69	19.78	19.82	19.92	19.92		
20	64QAM	100	0	19.79	19.81	19.73	19.93	19.91		
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	20.54	20.62	20.91	20.73	20.60	22.50	0
15	QPSK	1	37	20.52	20.60	20.75	20.59	20.51		
15	QPSK	1	74	20.53	20.52	20.63	20.55	20.59		
15	QPSK	36	0	20.68	20.77	20.78	20.84	20.76	22.5	0
15	QPSK	36	20	20.68	20.72	20.72	20.74	20.69		
15	QPSK	36	39	20.57	20.66	20.80	20.79	20.73		
15	QPSK	75	0	20.64	20.69	20.75	20.74	20.74		
15	16QAM	1	0	20.65	20.76	20.75	20.85	20.90	22.5	0
15	16QAM	1	37	20.69	20.68	20.68	20.83	20.83		
15	16QAM	1	74	20.64	20.93	20.82	20.78	20.89		
15	16QAM	36	0	20.58	20.66	20.69	20.85	20.89	22.5	0
15	16QAM	36	20	20.68	20.74	20.74	20.73	20.72		
15	16QAM	36	39	20.68	20.68	20.73	20.76	20.67		
15	16QAM	75	0	20.56	20.63	20.69	20.77	20.72		
15	64QAM	1	0	20.74	20.74	20.80	20.79	20.76	22.5	0
15	64QAM	1	37	20.83	20.76	20.54	20.83	20.70		
15	64QAM	1	74	20.68	20.89	20.76	20.78	20.84		
15	64QAM	36	0	19.63	19.58	19.73	19.67	19.70	21.5	1
15	64QAM	36	20	19.66	19.77	19.62	19.73	19.67		
15	64QAM	36	39	19.60	19.68	19.70	19.78	19.77		
15	64QAM	75	0	19.70	19.67	19.66	19.87	19.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.53	20.65	20.84	20.73	20.67	22.50	0
10	QPSK	1	25	20.56	20.64	20.72	20.65	20.58		
10	QPSK	1	49	20.59	20.51	20.69	20.54	20.59		
10	QPSK	25	0	20.65	20.79	20.79	20.83	20.80	22.5	0
10	QPSK	25	12	20.66	20.71	20.79	20.71	20.69		
10	QPSK	25	25	20.66	20.69	20.77	20.72	20.65		
10	QPSK	50	0	20.71	20.73	20.71	20.73	20.71		
10	16QAM	1	0	20.68	20.86	20.71	20.83	20.83	22.5	0
10	16QAM	1	25	20.70	20.74	20.75	20.90	20.84		
10	16QAM	1	49	20.55	20.86	20.82	20.74	20.83		
10	16QAM	25	0	20.57	20.60	20.73	20.76	20.89	22.5	0
10	16QAM	25	12	20.77	20.78	20.74	20.75	20.64		
10	16QAM	25	25	20.59	20.63	20.80	20.80	20.75		
10	16QAM	50	0	20.63	20.68	20.62	20.76	20.69		
10	64QAM	1	0	20.79	20.71	20.76	20.80	20.76	22.5	0
10	64QAM	1	25	20.81	20.77	20.63	20.85	20.76		
10	64QAM	1	49	20.65	20.87	20.73	20.78	20.85		
10	64QAM	25	0	19.68	19.55	19.70	19.74	19.68	21.5	1
10	64QAM	25	12	19.61	19.75	19.63	19.79	19.64		
10	64QAM	25	25	19.59	19.70	19.74	19.76	19.83		
10	64QAM	50	0	19.74	19.73	19.61	19.87	19.79		
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	20.53	20.64	20.90	20.73	20.64	22.50	0
5	QPSK	1	12	20.51	20.66	20.71	20.60	20.54		
5	QPSK	1	24	20.56	20.53	20.68	20.51	20.60		
5	QPSK	12	0	20.72	20.78	20.84	20.83	20.78	22.5	0
5	QPSK	12	7	20.58	20.70	20.72	20.72	20.60		
5	QPSK	12	13	20.58	20.70	20.75	20.78	20.63		
5	QPSK	25	0	20.73	20.70	20.72	20.63	20.65		
5	16QAM	1	0	20.57	20.85	20.72	20.92	20.92	22.5	0
5	16QAM	1	12	20.75	20.77	20.68	20.88	20.89		
5	16QAM	1	24	20.62	20.89	20.81	20.77	20.87		
5	16QAM	12	0	20.52	20.65	20.69	20.81	20.89	22.5	0
5	16QAM	12	7	20.70	20.78	20.76	20.70	20.63		
5	16QAM	12	13	20.64	20.66	20.77	20.73	20.65		
5	16QAM	25	0	20.61	20.72	20.64	20.80	20.72		
5	64QAM	1	0	20.75	20.66	20.72	20.82	20.71	22.5	0
5	64QAM	1	12	20.82	20.67	20.62	20.86	20.65		
5	64QAM	1	24	20.70	20.91	20.68	20.74	20.83		
5	64QAM	12	0	19.63	19.57	19.67	19.77	19.60	21.5	1
5	64QAM	12	7	19.60	19.70	19.61	19.75	19.65		
5	64QAM	12	13	19.57	19.70	19.69	19.86	19.87		
5	64QAM	25	0	19.67	19.75	19.58	19.88	19.81		

Reduced Power for DSI 5

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.23	16.38	16.29	17.5	0
20	QPSK	1	49	16.09	16.23	16.24		
20	QPSK	1	99	16.16	16.22	16.00		
20	QPSK	50	0	16.22	16.33	16.30	17.5	0
20	QPSK	50	24	16.21	16.30	16.23		
20	QPSK	50	50	16.17	16.19	16.20		
20	QPSK	100	0	16.20	16.36	16.28		
20	16QAM	1	0	15.73	16.29	16.22	17.5	0
20	16QAM	1	49	16.01	16.14	16.23		
20	16QAM	1	99	16.11	16.30	16.21		
20	16QAM	50	0	16.26	16.27	16.16	17.5	0
20	16QAM	50	24	16.20	16.37	16.29		
20	16QAM	50	50	16.10	16.26	16.19		
20	16QAM	100	0	16.20	16.26	16.31		
20	64QAM	1	0	16.29	16.25	15.90	17.5	0
20	64QAM	1	49	16.16	16.34	16.08		
20	64QAM	1	99	16.02	16.24	16.35		
20	64QAM	50	0	16.20	16.23	16.28	17.5	0
20	64QAM	50	24	16.31	16.21	16.34		
20	64QAM	50	50	16.20	16.19	16.26		
20	64QAM	100	0	16.29	16.28	16.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.08	16.24	16.13	17.5	0
15	QPSK	1	37	15.93	16.18	16.09		
15	QPSK	1	74	16.06	16.16	15.84		
15	QPSK	36	0	16.14	16.23	16.17	17.5	0
15	QPSK	36	20	16.09	16.23	16.11		
15	QPSK	36	39	16.01	16.11	16.15		
15	QPSK	75	0	16.15	16.23	16.20		
15	16QAM	1	0	15.59	16.22	16.08	17.5	0
15	16QAM	1	37	15.86	15.99	16.09		
15	16QAM	1	74	15.98	16.15	16.09		
15	16QAM	36	0	16.16	16.22	16.04	17.5	0
15	16QAM	36	20	16.09	16.25	16.18		
15	16QAM	36	39	15.99	16.10	16.07		
15	16QAM	75	0	16.04	16.14	16.16		
15	64QAM	1	0	16.24	16.17	15.82	17.5	0
15	64QAM	1	37	16.08	16.21	15.92		
15	64QAM	1	74	15.90	16.19	16.19		
15	64QAM	36	0	16.05	16.12	16.20	17.5	0
15	64QAM	36	20	16.19	16.08	16.23		
15	64QAM	36	39	16.13	16.06	16.20		
15	64QAM	75	0	16.16	16.15	16.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.11	16.27	16.16	17.5	0
10	QPSK	1	25	15.93	16.15	16.11		
10	QPSK	1	49	16.00	16.10	15.92		
10	QPSK	25	0	16.09	16.18	16.18	17.5	0
10	QPSK	25	12	16.10	16.22	16.18		
10	QPSK	25	25	16.10	16.13	16.15		
10	QPSK	50	0	16.15	16.25	16.22		
10	16QAM	1	0	15.62	16.19	16.08	17.5	0
10	16QAM	1	25	15.90	16.01	16.17		
10	16QAM	1	49	16.05	16.14	16.05		
10	16QAM	25	0	16.19	16.19	16.11	17.5	0
10	16QAM	25	12	16.10	16.30	16.13		
10	16QAM	25	25	15.94	16.16	16.07		
10	16QAM	50	0	16.06	16.12	16.25		
10	64QAM	1	0	16.14	16.12	15.82	17.5	0
10	64QAM	1	25	16.00	16.26	15.95		
10	64QAM	1	49	15.88	16.13	16.21		
10	64QAM	25	0	16.15	16.08	16.15	17.5	0
10	64QAM	25	12	16.24	16.06	16.26		
10	64QAM	25	25	16.07	16.04	16.19		
10	64QAM	50	0	16.19	16.19	16.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.15	16.22	16.24	17.5	0
5	QPSK	1	12	15.95	16.07	16.11		
5	QPSK	1	24	16.09	16.10	15.93		
5	QPSK	12	0	16.07	16.17	16.15	17.5	0
5	QPSK	12	7	16.15	16.20	16.18		
5	QPSK	12	13	16.01	16.07	16.08		
5	QPSK	25	0	16.09	16.21	16.19		
5	16QAM	1	0	15.65	16.18	16.11	17.5	0
5	16QAM	1	12	15.95	16.00	16.08		
5	16QAM	1	24	16.04	16.22	16.10		
5	16QAM	12	0	16.19	16.18	16.00	17.5	0
5	16QAM	12	7	16.04	16.30	16.20		
5	16QAM	12	13	16.04	16.18	16.03		
5	16QAM	25	0	16.11	16.20	16.24		
5	64QAM	1	0	16.13	16.17	15.80	17.5	0
5	64QAM	1	12	16.04	16.25	15.92		
5	64QAM	1	24	15.86	16.17	16.21		
5	64QAM	12	0	16.15	16.08	16.17	17.5	0
5	64QAM	12	7	16.15	16.05	16.29		
5	64QAM	12	13	16.14	16.08	16.17		
5	64QAM	25	0	16.24	16.18	16.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.07	16.25	16.21	17.5	0
3	QPSK	1	8	15.97	16.12	16.12		
3	QPSK	1	14	16.08	16.12	15.89		
3	QPSK	8	0	16.06	16.22	16.18	17.5	0
3	QPSK	8	4	16.10	16.21	16.11		
3	QPSK	8	7	16.06	16.14	16.07		
3	QPSK	15	0	16.12	16.30	16.18		
3	16QAM	1	0	15.61	16.13	16.13	17.5	0
3	16QAM	1	8	15.90	16.00	16.13		
3	16QAM	1	14	16.00	16.18	16.13		
3	16QAM	8	0	16.18	16.15	16.06	17.5	0
3	16QAM	8	4	16.12	16.28	16.17		
3	16QAM	8	7	15.94	16.21	16.11		
3	16QAM	15	0	16.12	16.12	16.21		
3	64QAM	1	0	16.13	16.10	15.79	17.5	0
3	64QAM	1	8	16.06	16.21	15.99		
3	64QAM	1	14	15.93	16.12	16.27		
3	64QAM	8	0	16.10	16.13	16.14	17.5	0
3	64QAM	8	4	16.19	16.10	16.25		
3	64QAM	8	7	16.09	16.06	16.21		
3	64QAM	15	0	16.17	16.15	16.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.08	16.30	16.20	17.5	0
1.4	QPSK	1	3	15.97	16.14	16.14		
1.4	QPSK	1	5	16.00	16.15	15.88		
1.4	QPSK	3	0	16.14	16.22	16.16		
1.4	QPSK	3	1	16.06	16.19	16.09		
1.4	QPSK	3	3	16.03	16.03	16.13		
1.4	QPSK	6	0	16.13	16.30	16.23	17.5	0
1.4	16QAM	1	0	15.58	16.23	16.07	17.5	0
1.4	16QAM	1	3	15.93	16.01	16.15		
1.4	16QAM	1	5	16.05	16.15	16.08		
1.4	16QAM	3	0	16.21	16.15	16.05		
1.4	16QAM	3	1	16.13	16.22	16.14		
1.4	16QAM	3	3	15.94	16.16	16.08		
1.4	16QAM	6	0	16.08	16.12	16.23	17.5	0
1.4	64QAM	1	0	16.17	16.12	15.79	17.5	0
1.4	64QAM	1	3	16.00	16.25	15.96		
1.4	64QAM	1	5	15.87	16.18	16.25		
1.4	64QAM	3	0	16.15	16.09	16.21		
1.4	64QAM	3	1	16.18	16.14	16.25		
1.4	64QAM	3	3	16.11	16.07	16.21		
1.4	64QAM	6	0	16.23	16.17	16.20	17.5	0

Band 2_Ant 31

BW [MHz]	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	19.65	20.5	0
20	QPSK	1	49	19.36	19.45	19.61		
20	QPSK	1	99	19.30	19.40	19.46		
20	QPSK	50	0	19.55	19.65	19.59	20.5	0
20	QPSK	50	24	19.54	19.54	19.52		
20	QPSK	50	50	19.40	19.56	19.57		
20	QPSK	100	0	19.44	19.54	19.52		
20	16QAM	1	0	19.35	19.49	19.45	20.5	0
20	16QAM	1	49	19.16	19.52	19.59		
20	16QAM	1	99	19.00	19.50	19.23		
20	16QAM	50	0	19.27	19.19	19.24	20.5	0
20	16QAM	50	24	19.31	19.20	19.36		
20	16QAM	50	50	19.11	19.22	19.23		
20	16QAM	100	0	19.13	19.17	19.36		
20	64QAM	1	0	19.19	19.11	19.56	20.5	0
20	64QAM	1	49	19.61	19.58	19.61		
20	64QAM	1	99	19.21	19.32	19.46		
20	64QAM	50	0	19.24	19.26	19.21	20.5	0
20	64QAM	50	24	19.15	19.19	19.28		
20	64QAM	50	50	19.03	19.13	19.24		
20	64QAM	100	0	19.07	19.17	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.54	19.56	19.51	20.5	0
15	QPSK	1	37	19.23	19.40	19.56		
15	QPSK	1	74	19.14	19.29	19.39		
15	QPSK	36	0	19.49	19.49	19.45	20.5	0
15	QPSK	36	20	19.46	19.39	19.42		
15	QPSK	36	39	19.24	19.50	19.48		
15	QPSK	75	0	19.30	19.43	19.44		
15	16QAM	1	0	19.23	19.37	19.40	20.5	0
15	16QAM	1	37	19.07	19.40	19.44		
15	16QAM	1	74	18.86	19.41	19.16		
15	16QAM	36	0	19.15	19.12	19.18	20.5	0
15	16QAM	36	20	19.22	19.11	19.23		
15	16QAM	36	39	18.97	19.06	19.12		
15	16QAM	75	0	19.05	19.10	19.28		
15	64QAM	1	0	19.08	19.04	19.47	20.5	0
15	64QAM	1	37	19.49	19.53	19.56		
15	64QAM	1	74	19.09	19.17	19.34		
15	64QAM	36	0	19.18	19.12	19.15	20.5	0
15	64QAM	36	20	19.01	19.10	19.20		
15	64QAM	36	39	18.88	18.99	19.15		
15	64QAM	75	0	19.00	19.08	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.54	19.58	19.49	20.5	0
10	QPSK	1	25	19.25	19.32	19.48		
10	QPSK	1	49	19.19	19.31	19.39		
10	QPSK	25	0	19.43	19.59	19.43	20.5	0
10	QPSK	25	12	19.39	19.41	19.43		
10	QPSK	25	25	19.35	19.50	19.44		
10	QPSK	50	0	19.37	19.49	19.37		
10	16QAM	1	0	19.20	19.35	19.37	20.5	0
10	16QAM	1	25	19.08	19.47	19.43		
10	16QAM	1	49	18.84	19.38	19.15		
10	16QAM	25	0	19.13	19.09	19.19	20.5	0
10	16QAM	25	12	19.22	19.14	19.27		
10	16QAM	25	25	19.00	19.17	19.12		
10	16QAM	50	0	19.05	19.09	19.28		
10	64QAM	1	0	19.12	19.04	19.47	20.5	0
10	64QAM	1	25	19.49	19.44	19.45		
10	64QAM	1	49	19.06	19.16	19.32		
10	64QAM	25	0	19.12	19.21	19.14	20.5	0
10	64QAM	25	12	19.08	19.03	19.22		
10	64QAM	25	25	18.97	19.03	19.16		
10	64QAM	50	0	18.92	19.09	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.53	19.58	19.50	20.5	0
5	QPSK	1	12	19.29	19.32	19.52		
5	QPSK	1	24	19.17	19.27	19.31		
5	QPSK	12	0	19.44	19.51	19.50	20.5	0
5	QPSK	12	7	19.42	19.42	19.40		
5	QPSK	12	13	19.35	19.51	19.45		
5	QPSK	25	0	19.33	19.44	19.46		
5	16QAM	1	0	19.20	19.41	19.33	20.5	0
5	16QAM	1	12	19.06	19.45	19.44		
5	16QAM	1	24	18.87	19.40	19.13		
5	16QAM	12	0	19.18	19.14	19.10	20.5	0
5	16QAM	12	7	19.24	19.08	19.20		
5	16QAM	12	13	18.99	19.07	19.17		
5	16QAM	25	0	19.00	19.12	19.29		
5	64QAM	1	0	19.08	19.03	19.46	20.5	0
5	64QAM	1	12	19.56	19.51	19.52		
5	64QAM	1	24	19.15	19.16	19.41		
5	64QAM	12	0	19.18	19.10	19.07	20.5	0
5	64QAM	12	7	19.07	19.13	19.16		
5	64QAM	12	13	18.96	19.01	19.19		
5	64QAM	25	0	18.91	19.07	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.52	19.63	19.57	20.5	0
3	QPSK	1	8	19.29	19.37	19.50		
3	QPSK	1	14	19.15	19.31	19.39		
3	QPSK	8	0	19.44	19.50	19.45	20.5	0
3	QPSK	8	4	19.42	19.48	19.39		
3	QPSK	8	7	19.28	19.50	19.51		
3	QPSK	15	0	19.34	19.48	19.39		
3	16QAM	1	0	19.20	19.42	19.32	20.5	0
3	16QAM	1	8	19.03	19.40	19.50		
3	16QAM	1	14	18.92	19.36	19.14		
3	16QAM	8	0	19.11	19.13	19.14	20.5	0
3	16QAM	8	4	19.20	19.09	19.20		
3	16QAM	8	7	19.02	19.08	19.16		
3	16QAM	15	0	19.06	19.03	19.26		
3	64QAM	1	0	19.10	18.96	19.43	20.5	0
3	64QAM	1	8	19.45	19.42	19.46		
3	64QAM	1	14	19.10	19.19	19.31		
3	64QAM	8	0	19.09	19.14	19.06	20.5	0
3	64QAM	8	4	19.00	19.06	19.15		
3	64QAM	8	7	18.88	19.05	19.15		
3	64QAM	15	0	18.96	19.11	19.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.62	19.60	19.53	20.5	0
1.4	QPSK	1	3	19.28	19.36	19.53		
1.4	QPSK	1	5	19.15	19.28	19.33		
1.4	QPSK	3	0	19.41	19.57	19.47		
1.4	QPSK	3	1	19.43	19.48	19.37		
1.4	QPSK	3	3	19.34	19.47	19.44		
1.4	QPSK	6	0	19.38	19.44	19.36	20.5	0
1.4	16QAM	1	0	19.29	19.35	19.29	20.5	0
1.4	16QAM	1	3	19.03	19.39	19.54		
1.4	16QAM	1	5	18.91	19.42	19.12		
1.4	16QAM	3	0	19.12	19.14	19.16		
1.4	16QAM	3	1	19.21	19.04	19.26		
1.4	16QAM	3	3	18.95	19.16	19.12		
1.4	16QAM	6	0	19.06	19.02	19.28	20.5	0
1.4	64QAM	1	0	19.07	18.99	19.46	20.5	0
1.4	64QAM	1	3	19.51	19.52	19.49		
1.4	64QAM	1	5	19.13	19.23	19.31		
1.4	64QAM	3	0	19.11	19.14	19.10		
1.4	64QAM	3	1	19.06	19.05	19.15		
1.4	64QAM	3	3	18.90	19.07	19.08		
1.4	64QAM	6	0	18.91	19.01	19.27	20.5	0

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.05	18.15	18.10	19	0
20	QPSK	1	49	17.75	17.66	17.74		
20	QPSK	1	99	17.64	17.62	17.61		
20	QPSK	50	0	17.72	17.85	17.84	19	0
20	QPSK	50	24	17.72	17.77	17.68		
20	QPSK	50	50	17.52	17.73	17.63		
20	QPSK	100	0	17.82	17.91	17.83		
20	16QAM	1	0	17.54	17.63	17.59	19	0
20	16QAM	1	49	17.39	17.50	17.38		
20	16QAM	1	99	17.54	17.54	17.36		
20	16QAM	50	0	17.70	17.88	17.68	19	0
20	16QAM	50	24	17.78	17.84	17.73		
20	16QAM	50	50	17.63	17.71	17.66		
20	16QAM	100	0	17.82	17.89	17.82		
20	64QAM	1	0	17.86	17.99	17.84	19	0
20	64QAM	1	49	17.93	18.04	17.85		
20	64QAM	1	99	17.63	17.72	17.72		
20	64QAM	50	0	17.70	17.77	17.64	19	0
20	64QAM	50	24	17.72	17.81	17.75		
20	64QAM	50	50	17.70	17.75	17.62		
20	64QAM	100	0	17.69	17.81	17.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.99	18.10	17.99	19	0
15	QPSK	1	37	17.74	17.67	17.67		
15	QPSK	1	74	17.62	17.63	17.69		
15	QPSK	36	0	17.81	17.84	17.88	19	0
15	QPSK	36	20	17.73	17.79	17.69		
15	QPSK	36	39	17.57	17.72	17.71		
15	QPSK	75	0	17.77	17.94	17.93		
15	16QAM	1	0	17.50	17.67	17.59	19	0
15	16QAM	1	37	17.40	17.50	17.38		
15	16QAM	1	74	17.49	17.55	17.33		
15	16QAM	36	0	17.79	17.85	17.66	19	0
15	16QAM	36	20	17.79	17.82	17.82		
15	16QAM	36	39	17.57	17.71	17.65		
15	16QAM	75	0	17.83	17.86	17.89		
15	64QAM	1	0	17.87	17.99	17.88	19	0
15	64QAM	1	37	17.91	18.07	17.83		
15	64QAM	1	74	17.72	17.74	17.72		
15	64QAM	36	0	17.61	17.70	17.61	19	0
15	64QAM	36	20	17.75	17.82	17.84		
15	64QAM	36	39	17.72	17.75	17.72		
15	64QAM	75	0	17.74	17.77	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.92	18.05	17.94	19	0
10	QPSK	1	25	17.71	17.72	17.74		
10	QPSK	1	49	17.62	17.71	17.61		
10	QPSK	25	0	17.82	17.81	17.82	19	0
10	QPSK	25	12	17.65	17.79	17.71		
10	QPSK	25	25	17.47	17.77	17.64		
10	QPSK	50	0	17.80	17.98	17.86		
10	16QAM	1	0	17.49	17.65	17.53	19	0
10	16QAM	1	25	17.35	17.45	17.36		
10	16QAM	1	49	17.46	17.50	17.41		
10	16QAM	25	0	17.79	17.85	17.64	19	0
10	16QAM	25	12	17.77	17.90	17.78		
10	16QAM	25	25	17.66	17.75	17.67		
10	16QAM	50	0	17.72	17.88	17.85		
10	64QAM	1	0	17.86	17.94	17.88	19	0
10	64QAM	1	25	17.94	18.06	17.91		
10	64QAM	1	49	17.63	17.75	17.75		
10	64QAM	25	0	17.67	17.72	17.56	19	0
10	64QAM	25	12	17.80	17.88	17.75		
10	64QAM	25	25	17.66	17.84	17.62		
10	64QAM	50	0	17.75	17.76	17.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.96	18.05	17.93	19	0
5	QPSK	1	12	17.70	17.75	17.75		
5	QPSK	1	24	17.60	17.65	17.63		
5	QPSK	12	0	17.77	17.87	17.79	19	0
5	QPSK	12	7	17.62	17.80	17.76		
5	QPSK	12	13	17.49	17.69	17.66		
5	QPSK	25	0	17.76	17.98	17.88		
5	16QAM	1	0	17.50	17.70	17.58	19	0
5	16QAM	1	12	17.36	17.49	17.37		
5	16QAM	1	24	17.55	17.59	17.35		
5	16QAM	12	0	17.78	17.87	17.73	19	0
5	16QAM	12	7	17.73	17.86	17.76		
5	16QAM	12	13	17.67	17.77	17.63		
5	16QAM	25	0	17.83	17.93	17.82		
5	64QAM	1	0	17.76	17.92	17.93	19	0
5	64QAM	1	12	17.99	18.06	17.89		
5	64QAM	1	24	17.70	17.71	17.69		
5	64QAM	12	0	17.65	17.71	17.59	19	0
5	64QAM	12	7	17.78	17.80	17.78		
5	64QAM	12	13	17.72	17.79	17.62		
5	64QAM	25	0	17.73	17.80	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.90	18.13	17.95	19	0
3	QPSK	1	8	17.75	17.74	17.68		
3	QPSK	1	14	17.60	17.68	17.71		
3	QPSK	8	0	17.80	17.87	17.77	19	0
3	QPSK	8	4	17.63	17.81	17.70		
3	QPSK	8	7	17.53	17.76	17.64		
3	QPSK	15	0	17.75	18.00	17.91		
3	16QAM	1	0	17.50	17.68	17.60	19	0
3	16QAM	1	8	17.39	17.45	17.28		
3	16QAM	1	14	17.45	17.52	17.41		
3	16QAM	8	0	17.81	17.78	17.65	19	0
3	16QAM	8	4	17.76	17.86	17.78		
3	16QAM	8	7	17.64	17.77	17.65		
3	16QAM	15	0	17.82	17.90	17.87		
3	64QAM	1	0	17.83	17.97	17.86	19	0
3	64QAM	1	8	17.97	17.99	17.92		
3	64QAM	1	14	17.68	17.73	17.74		
3	64QAM	8	0	17.68	17.76	17.61	19	0
3	64QAM	8	4	17.78	17.85	17.84		
3	64QAM	8	7	17.74	17.78	17.68		
3	64QAM	15	0	17.75	17.79	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.95	18.09	18.01	19	0
1.4	QPSK	1	3	17.70	17.75	17.76		
1.4	QPSK	1	5	17.56	17.73	17.68		
1.4	QPSK	3	0	17.78	17.81	17.78		
1.4	QPSK	3	1	17.62	17.85	17.74		
1.4	QPSK	3	3	17.46	17.69	17.63		
1.4	QPSK	6	0	17.81	17.98	17.89	19	0
1.4	16QAM	1	0	17.51	17.69	17.59	19	0
1.4	16QAM	1	3	17.39	17.48	17.33		
1.4	16QAM	1	5	17.47	17.54	17.36		
1.4	16QAM	3	0	17.81	17.82	17.73		
1.4	16QAM	3	1	17.75	17.83	17.84		
1.4	16QAM	3	3	17.64	17.70	17.72		
1.4	16QAM	6	0	17.81	17.94	17.88	19	0
1.4	64QAM	1	0	17.80	18.01	17.91	19	0
1.4	64QAM	1	3	18.02	17.96	17.87		
1.4	64QAM	1	5	17.64	17.71	17.70		
1.4	64QAM	3	0	17.65	17.78	17.53		
1.4	64QAM	3	1	17.79	17.87	17.73		
1.4	64QAM	3	3	17.65	17.75	17.66		
1.4	64QAM	6	0	17.70	17.84	17.67	19	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.64	16.66	16.65	17.5	0
20	QPSK	1	49	16.54	16.51	16.34		
20	QPSK	1	99	16.43	16.32	16.30		
20	QPSK	50	0	16.51	16.63	16.42	17.5	0
20	QPSK	50	24	16.56	16.43	16.55		
20	QPSK	50	50	16.46	16.54	16.41		
20	QPSK	100	0	16.44	16.53	16.43		
20	16QAM	1	0	16.55	16.41	16.52	17.5	0
20	16QAM	1	49	16.16	16.65	16.65		
20	16QAM	1	99	16.30	16.61	16.57		
20	16QAM	50	0	16.41	16.57	16.46	17.5	0
20	16QAM	50	24	16.53	16.40	16.51		
20	16QAM	50	50	16.36	16.54	16.40		
20	16QAM	100	0	16.45	16.45	16.51		
20	64QAM	1	0	16.52	16.41	16.36	17.5	0
20	64QAM	1	49	16.13	16.63	16.65		
20	64QAM	1	99	16.47	16.28	16.53		
20	64QAM	50	0	16.37	16.49	16.56	17.5	0
20	64QAM	50	24	16.49	16.53	16.47		
20	64QAM	50	50	16.52	16.48	16.36		
20	64QAM	100	0	16.47	16.48	16.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.49	16.53	16.58	17.5	0
15	QPSK	1	37	16.44	16.44	16.20		
15	QPSK	1	74	16.32	16.22	16.21		
15	QPSK	36	0	16.38	16.48	16.36	17.5	0
15	QPSK	36	20	16.42	16.37	16.43		
15	QPSK	36	39	16.39	16.49	16.31		
15	QPSK	75	0	16.37	16.37	16.37		
15	16QAM	1	0	16.42	16.33	16.44	17.5	0
15	16QAM	1	37	16.03	16.52	16.57		
15	16QAM	1	74	16.18	16.51	16.41		
15	16QAM	36	0	16.35	16.45	16.32	17.5	0
15	16QAM	36	20	16.43	16.27	16.46		
15	16QAM	36	39	16.21	16.40	16.28		
15	16QAM	75	0	16.32	16.30	16.44		
15	64QAM	1	0	16.42	16.35	16.23	17.5	0
15	64QAM	1	37	16.07	16.56	16.54		
15	64QAM	1	74	16.34	16.13	16.41		
15	64QAM	36	0	16.32	16.35	16.48	17.5	0
15	64QAM	36	20	16.40	16.46	16.39		
15	64QAM	36	39	16.45	16.43	16.26		
15	64QAM	75	0	16.42	16.36	16.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.56	16.50	16.53	17.5	0
10	QPSK	1	25	16.42	16.43	16.24		
10	QPSK	1	49	16.30	16.20	16.16		
10	QPSK	25	0	16.38	16.54	16.32	17.5	0
10	QPSK	25	12	16.40	16.28	16.47		
10	QPSK	25	25	16.34	16.45	16.26		
10	QPSK	50	0	16.39	16.45	16.29		
10	16QAM	1	0	16.46	16.26	16.38	17.5	0
10	16QAM	1	25	16.00	16.50	16.53		
10	16QAM	1	49	16.19	16.48	16.43		
10	16QAM	25	0	16.27	16.46	16.33	17.5	0
10	16QAM	25	12	16.47	16.27	16.38		
10	16QAM	25	25	16.28	16.44	16.24		
10	16QAM	50	0	16.38	16.30	16.43		
10	64QAM	1	0	16.36	16.32	16.30	17.5	0
10	64QAM	1	25	15.98	16.55	16.50		
10	64QAM	1	49	16.37	16.17	16.47		
10	64QAM	25	0	16.25	16.34	16.51	17.5	0
10	64QAM	25	12	16.39	16.41	16.41		
10	64QAM	25	25	16.43	16.37	16.22		
10	64QAM	50	0	16.40	16.36	16.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.57	16.53	16.50	17.5	0
5	QPSK	1	12	16.39	16.42	16.20		
5	QPSK	1	24	16.29	16.16	16.16		
5	QPSK	12	0	16.42	16.53	16.26	17.5	0
5	QPSK	12	7	16.49	16.30	16.45		
5	QPSK	12	13	16.35	16.44	16.29		
5	QPSK	25	0	16.32	16.40	16.32		
5	16QAM	1	0	16.44	16.25	16.42	17.5	0
5	16QAM	1	12	16.08	16.57	16.55		
5	16QAM	1	24	16.25	16.50	16.50		
5	16QAM	12	0	16.33	16.47	16.38	17.5	0
5	16QAM	12	7	16.46	16.35	16.39		
5	16QAM	12	13	16.26	16.49	16.35		
5	16QAM	25	0	16.40	16.32	16.41		
5	64QAM	1	0	16.38	16.28	16.29	17.5	0
5	64QAM	1	12	16.00	16.51	16.51		
5	64QAM	1	24	16.36	16.14	16.45		
5	64QAM	12	0	16.29	16.42	16.48	17.5	0
5	64QAM	12	7	16.39	16.41	16.39		
5	64QAM	12	13	16.41	16.33	16.31		
5	64QAM	25	0	16.32	16.34	16.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.55	16.55	16.54	17.5	0
3	QPSK	1	8	16.43	16.45	16.22		
3	QPSK	1	14	16.30	16.17	16.18		
3	QPSK	8	0	16.44	16.54	16.32	17.5	0
3	QPSK	8	4	16.41	16.35	16.44		
3	QPSK	8	7	16.39	16.47	16.29		
3	QPSK	15	0	16.34	16.43	16.34		
3	16QAM	1	0	16.49	16.29	16.40	17.5	0
3	16QAM	1	8	16.09	16.51	16.56		
3	16QAM	1	14	16.17	16.52	16.46		
3	16QAM	8	0	16.34	16.42	16.33	17.5	0
3	16QAM	8	4	16.38	16.29	16.41		
3	16QAM	8	7	16.22	16.40	16.30		
3	16QAM	15	0	16.32	16.40	16.42		
3	64QAM	1	0	16.42	16.35	16.20	17.5	0
3	64QAM	1	8	16.05	16.48	16.58		
3	64QAM	1	14	16.33	16.12	16.46		
3	64QAM	8	0	16.30	16.42	16.48	17.5	0
3	64QAM	8	4	16.44	16.40	16.41		
3	64QAM	8	7	16.41	16.34	16.22		
3	64QAM	15	0	16.31	16.41	16.45		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.58	16.60	16.58	17.5	0
1.4	QPSK	1	3	16.38	16.46	16.23		
1.4	QPSK	1	5	16.32	16.22	16.16		
1.4	QPSK	3	0	16.38	16.57	16.37		
1.4	QPSK	3	1	16.42	16.35	16.41		
1.4	QPSK	3	3	16.32	16.44	16.34		
1.4	QPSK	6	0	16.36	16.39	16.29	17.5	0
1.4	16QAM	1	0	16.42	16.30	16.38	17.5	0
1.4	16QAM	1	3	16.11	16.51	16.53		
1.4	16QAM	1	5	16.14	16.47	16.44		
1.4	16QAM	3	0	16.27	16.42	16.36		
1.4	16QAM	3	1	16.40	16.24	16.35		
1.4	16QAM	3	3	16.20	16.40	16.32		
1.4	16QAM	6	0	16.40	16.40	16.39	17.5	0
1.4	64QAM	1	0	16.39	16.27	16.21	17.5	0
1.4	64QAM	1	3	16.08	16.47	16.59		
1.4	64QAM	1	5	16.38	16.13	16.38		
1.4	64QAM	3	0	16.28	16.36	16.40		
1.4	64QAM	3	1	16.33	16.41	16.36		
1.4	64QAM	3	3	16.46	16.41	16.27		
1.4	64QAM	6	0	16.38	16.33	16.45	17.5	0

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.00	20.35	20.25	21	0
20	QPSK	1	49	19.99	20.25	20.13		
20	QPSK	1	99	19.99	19.92	19.93		
20	QPSK	50	0	20.09	20.24	20.22	21	0
20	QPSK	50	24	20.07	20.02	20.16		
20	QPSK	50	50	20.00	20.06	20.07		
20	QPSK	100	0	20.04	20.15	20.13		
20	16QAM	1	0	20.20	20.23	20.22	21	0
20	16QAM	1	49	20.22	20.19	20.23		
20	16QAM	1	99	20.26	20.08	20.31		
20	16QAM	50	0	20.01	20.15	20.08	21	0
20	16QAM	50	24	20.09	20.11	20.31		
20	16QAM	50	50	20.05	20.19	20.20		
20	16QAM	100	0	20.11	20.14	20.18		
20	64QAM	1	0	19.95	20.32	20.10	21	0
20	64QAM	1	49	20.21	20.31	20.13		
20	64QAM	1	99	20.21	19.93	20.23		
20	64QAM	50	0	20.00	20.11	20.19	21	0
20	64QAM	50	24	20.17	20.08	20.25		
20	64QAM	50	50	20.06	20.14	20.20		
20	64QAM	100	0	20.03	20.07	20.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.84	20.28	20.17	21	0
15	QPSK	1	37	19.94	20.20	19.97		
15	QPSK	1	74	19.94	19.84	19.87		
15	QPSK	36	0	19.95	20.17	20.07	21	0
15	QPSK	36	20	19.91	19.94	20.09		
15	QPSK	36	39	19.90	19.98	19.97		
15	QPSK	75	0	19.94	20.00	20.05		
15	16QAM	1	0	20.09	20.08	20.17	21	0
15	16QAM	1	37	20.17	20.11	20.09		
15	16QAM	1	74	20.20	19.97	20.15		
15	16QAM	36	0	19.94	19.99	19.97	21	0
15	16QAM	36	20	19.95	20.00	20.23		
15	16QAM	36	39	20.00	20.11	20.06		
15	16QAM	75	0	19.97	20.06	20.07		
15	64QAM	1	0	19.85	20.23	19.94	21	0
15	64QAM	1	37	20.15	20.26	20.04		
15	64QAM	1	74	20.14	19.77	20.09		
15	64QAM	36	0	19.84	19.99	20.08	21	0
15	64QAM	36	20	20.03	19.93	20.11		
15	64QAM	36	39	19.98	20.07	20.05		
15	64QAM	75	0	19.98	19.94	20.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.94	20.19	20.16	21	0
10	QPSK	1	25	19.84	20.09	20.01		
10	QPSK	1	49	19.84	19.78	19.77		
10	QPSK	25	0	20.02	20.08	20.10	21	0
10	QPSK	25	12	19.93	19.95	20.00		
10	QPSK	25	25	19.91	19.94	19.94		
10	QPSK	50	0	19.90	20.10	20.06		
10	16QAM	1	0	20.14	20.12	20.13	21	0
10	16QAM	1	25	20.11	20.09	20.12		
10	16QAM	1	49	20.18	19.99	20.26		
10	16QAM	25	0	19.93	19.99	20.00	21	0
10	16QAM	25	12	19.97	20.01	20.23		
10	16QAM	25	25	19.91	20.04	20.08		
10	16QAM	50	0	19.99	20.00	20.06		
10	64QAM	1	0	19.83	20.26	19.94	21	0
10	64QAM	1	25	20.05	20.22	20.02		
10	64QAM	1	49	20.07	19.78	20.12		
10	64QAM	25	0	19.90	20.05	20.06	21	0
10	64QAM	25	12	20.05	19.97	20.14		
10	64QAM	25	25	19.93	19.98	20.05		
10	64QAM	50	0	19.91	19.96	20.06		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.85	20.21	20.15	21	0
5	QPSK	1	12	19.90	20.13	20.07		
5	QPSK	1	24	19.94	19.78	19.83		
5	QPSK	12	0	19.99	20.17	20.17	21	0
5	QPSK	12	7	19.99	19.87	20.10		
5	QPSK	12	13	19.89	19.94	19.99		
5	QPSK	25	0	19.99	20.02	20.05		
5	16QAM	1	0	20.08	20.07	20.11	21	0
5	16QAM	1	12	20.08	20.03	20.16		
5	16QAM	1	24	20.19	20.03	20.19		
5	16QAM	12	0	19.90	20.10	19.93	21	0
5	16QAM	12	7	19.95	20.02	20.22		
5	16QAM	12	13	19.99	20.05	20.08		
5	16QAM	25	0	19.99	20.00	20.09		
5	64QAM	1	0	19.85	20.18	19.96	21	0
5	64QAM	1	12	20.13	20.17	20.06		
5	64QAM	1	24	20.12	19.78	20.15		
5	64QAM	12	0	19.85	19.97	20.12	21	0
5	64QAM	12	7	20.11	20.01	20.12		
5	64QAM	12	13	20.01	20.05	20.07		
5	64QAM	25	0	19.93	19.92	19.99		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.93	20.21	20.20	21	0
3	QPSK	1	8	19.94	20.19	20.00		
3	QPSK	1	14	19.90	19.86	19.84		
3	QPSK	8	0	19.98	20.11	20.13	21	0
3	QPSK	8	4	19.97	19.95	20.02		
3	QPSK	8	7	19.92	19.90	19.92		
3	QPSK	15	0	19.91	20.02	20.01		
3	16QAM	1	0	20.12	20.17	20.13	21	0
3	16QAM	1	8	20.08	20.03	20.09		
3	16QAM	1	14	20.11	19.94	20.26		
3	16QAM	8	0	19.96	20.00	19.98	21	0
3	16QAM	8	4	19.94	20.06	20.17		
3	16QAM	8	7	19.92	20.04	20.14		
3	16QAM	15	0	20.04	20.05	20.13		
3	64QAM	1	0	19.85	20.23	20.04	21	0
3	64QAM	1	8	20.05	20.26	20.06		
3	64QAM	1	14	20.13	19.79	20.13		
3	64QAM	8	0	19.88	19.96	20.04	21	0
3	64QAM	8	4	20.08	19.97	20.16		
3	64QAM	8	7	20.00	20.07	20.05		
3	64QAM	15	0	19.94	19.96	19.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.95	20.23	20.18	21	0
1.4	QPSK	1	3	19.87	20.12	19.97		
1.4	QPSK	1	5	19.85	19.87	19.87		
1.4	QPSK	3	0	19.97	20.15	20.10		
1.4	QPSK	3	1	20.01	19.87	20.01		
1.4	QPSK	3	3	19.95	20.00	19.92		
1.4	QPSK	6	0	19.91	20.05	20.01	21	0
1.4	16QAM	1	0	20.04	20.17	20.11	21	0
1.4	16QAM	1	3	20.07	20.10	20.11		
1.4	16QAM	1	5	20.20	20.02	20.24		
1.4	16QAM	3	0	19.91	20.09	19.95		
1.4	16QAM	3	1	19.97	19.95	20.18		
1.4	16QAM	3	3	19.92	20.06	20.10		
1.4	16QAM	6	0	20.05	19.99	20.07	21	0
1.4	64QAM	1	0	19.81	20.20	20.05	21	0
1.4	64QAM	1	3	20.12	20.19	20.08		
1.4	64QAM	1	5	20.12	19.79	20.18		
1.4	64QAM	3	0	19.95	19.98	20.10		
1.4	64QAM	3	1	20.03	19.99	20.13		
1.4	64QAM	3	3	19.91	20.08	20.13		
1.4	64QAM	6	0	19.97	19.95	20.01	21	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.26	18.40	18.31	19.5	0
20	QPSK	1	49	18.22	18.38	18.26		
20	QPSK	1	99	17.96	18.16	18.03		
20	QPSK	50	0	18.19	18.36	18.31	19.5	0
20	QPSK	50	24	18.32	18.22	18.27		
20	QPSK	50	50	18.35	18.31	18.25		
20	QPSK	100	0	18.24	18.25	18.23		
20	16QAM	1	0	18.25	18.24	18.14	19.5	0
20	16QAM	1	49	18.32	18.25	18.32		
20	16QAM	1	99	18.29	18.17	18.24		
20	16QAM	50	0	18.21	18.38	18.35	19.5	0
20	16QAM	50	24	18.34	18.22	18.29		
20	16QAM	50	50	18.36	18.35	18.24		
20	16QAM	100	0	18.27	18.16	18.34		
20	64QAM	1	0	18.27	18.33	18.39	19.5	0
20	64QAM	1	49	18.25	18.26	18.27		
20	64QAM	1	99	18.21	18.24	18.36		
20	64QAM	50	0	18.32	18.23	18.30	19.5	0
20	64QAM	50	24	18.35	18.20	18.25		
20	64QAM	50	50	18.29	18.32	18.37		
20	64QAM	100	0	18.34	18.25	18.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.11	18.33	18.19	19.5	0
15	QPSK	1	37	18.15	18.32	18.21		
15	QPSK	1	74	17.82	18.02	17.93		
15	QPSK	36	0	18.03	18.31	18.26	19.5	0
15	QPSK	36	20	18.18	18.14	18.13		
15	QPSK	36	39	18.29	18.25	18.12		
15	QPSK	75	0	18.17	18.09	18.11		
15	16QAM	1	0	18.19	18.19	18.09	19.5	0
15	16QAM	1	37	18.24	18.12	18.27		
15	16QAM	1	74	18.15	18.05	18.17		
15	16QAM	36	0	18.14	18.24	18.25	19.5	0
15	16QAM	36	20	18.23	18.13	18.15		
15	16QAM	36	39	18.29	18.22	18.15		
15	16QAM	75	0	18.22	18.11	18.27		
15	64QAM	1	0	18.21	18.27	18.29	19.5	0
15	64QAM	1	37	18.20	18.21	18.16		
15	64QAM	1	74	18.08	18.08	18.29		
15	64QAM	36	0	18.23	18.15	18.20	19.5	0
15	64QAM	36	20	18.26	18.07	18.16		
15	64QAM	36	39	18.20	18.16	18.30		
15	64QAM	75	0	18.19	18.14	18.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.14	18.24	18.15	19.5	0
10	QPSK	1	25	18.08	18.24	18.14		
10	QPSK	1	49	17.91	18.11	17.90		
10	QPSK	25	0	18.03	18.28	18.20	19.5	0
10	QPSK	25	12	18.25	18.08	18.18		
10	QPSK	25	25	18.21	18.25	18.16		
10	QPSK	50	0	18.17	18.20	18.07		
10	16QAM	1	0	18.19	18.19	18.06	19.5	0
10	16QAM	1	25	18.24	18.13	18.21		
10	16QAM	1	49	18.14	18.05	18.14		
10	16QAM	25	0	18.11	18.30	18.30	19.5	0
10	16QAM	25	12	18.23	18.15	18.15		
10	16QAM	25	25	18.25	18.24	18.08		
10	16QAM	50	0	18.21	18.08	18.25		
10	64QAM	1	0	18.19	18.17	18.27	19.5	0
10	64QAM	1	25	18.18	18.15	18.13		
10	64QAM	1	49	18.11	18.16	18.26		
10	64QAM	25	0	18.19	18.13	18.17	19.5	0
10	64QAM	25	12	18.28	18.11	18.11		
10	64QAM	25	25	18.17	18.21	18.26		
10	64QAM	50	0	18.26	18.15	18.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.18	18.25	18.21	19.5	0
5	QPSK	1	12	18.13	18.29	18.11		
5	QPSK	1	24	17.90	18.00	17.88		
5	QPSK	12	0	18.11	18.23	18.21	19.5	0
5	QPSK	12	7	18.22	18.15	18.18		
5	QPSK	12	13	18.21	18.22	18.11		
5	QPSK	25	0	18.09	18.17	18.09		
5	16QAM	1	0	18.20	18.11	18.00	19.5	0
5	16QAM	1	12	18.23	18.12	18.26		
5	16QAM	1	24	18.18	18.12	18.18		
5	16QAM	12	0	18.10	18.22	18.24	19.5	0
5	16QAM	12	7	18.23	18.16	18.23		
5	16QAM	12	13	18.30	18.30	18.18		
5	16QAM	25	0	18.14	18.08	18.26		
5	64QAM	1	0	18.19	18.23	18.24	19.5	0
5	64QAM	1	12	18.16	18.16	18.15		
5	64QAM	1	24	18.10	18.18	18.24		
5	64QAM	12	0	18.19	18.08	18.21	19.5	0
5	64QAM	12	7	18.30	18.05	18.10		
5	64QAM	12	13	18.23	18.23	18.22		
5	64QAM	25	0	18.26	18.11	18.23		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.18	18.35	18.20	19.5	0
3	QPSK	1	8	18.13	18.32	18.15		
3	QPSK	1	14	17.83	18.05	17.97		
3	QPSK	8	0	18.11	18.23	18.16	19.5	0
3	QPSK	8	4	18.24	18.07	18.20		
3	QPSK	8	7	18.22	18.15	18.16		
3	QPSK	15	0	18.17	18.18	18.17		
3	16QAM	1	0	18.20	18.12	18.04	19.5	0
3	16QAM	1	8	18.26	18.14	18.20		
3	16QAM	1	14	18.23	18.10	18.17		
3	16QAM	8	0	18.15	18.31	18.25	19.5	0
3	16QAM	8	4	18.29	18.12	18.23		
3	16QAM	8	7	18.27	18.23	18.17		
3	16QAM	15	0	18.12	18.04	18.20		
3	64QAM	1	0	18.12	18.25	18.33	19.5	0
3	64QAM	1	8	18.14	18.18	18.19		
3	64QAM	1	14	18.13	18.09	18.23		
3	64QAM	8	0	18.18	18.11	18.22	19.5	0
3	64QAM	8	4	18.19	18.05	18.14		
3	64QAM	8	7	18.24	18.23	18.26		
3	64QAM	15	0	18.19	18.11	18.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.11	18.25	18.19	19.5	0
1.4	QPSK	1	3	18.16	18.27	18.20		
1.4	QPSK	1	5	17.81	18.03	17.89		
1.4	QPSK	3	0	18.06	18.29	18.24		
1.4	QPSK	3	1	18.17	18.06	18.16		
1.4	QPSK	3	3	18.29	18.22	18.17		
1.4	QPSK	6	0	18.17	18.13	18.13	19.5	0
1.4	16QAM	1	0	18.19	18.08	18.04	19.5	0
1.4	16QAM	1	3	18.27	18.12	18.27		
1.4	16QAM	1	5	18.13	18.05	18.19		
1.4	16QAM	3	0	18.08	18.32	18.23		
1.4	16QAM	3	1	18.25	18.14	18.24		
1.4	16QAM	3	3	18.29	18.30	18.09		
1.4	16QAM	6	0	18.17	18.00	18.18	19.5	0
1.4	64QAM	1	0	18.18	18.17	18.23	19.5	0
1.4	64QAM	1	3	18.16	18.20	18.20		
1.4	64QAM	1	5	18.08	18.14	18.21		
1.4	64QAM	3	0	18.26	18.08	18.15		
1.4	64QAM	3	1	18.20	18.05	18.18		
1.4	64QAM	3	3	18.23	18.25	18.23		
1.4	64QAM	6	0	18.24	18.19	18.17	19.5	0

Band 5_Ant 11

BW [MHz]	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	21.75	21.97	21.57	23	0
10	QPSK	1	25	21.71	21.72	21.70		
10	QPSK	1	49	21.63	21.79	21.52		
10	QPSK	25	0	21.76	21.86	21.76	23	0
10	QPSK	25	12	21.84	21.76	21.82		
10	QPSK	25	25	21.83	21.73	21.76		
10	QPSK	50	0	21.83	21.94	21.90		
10	16QAM	1	0	21.79	21.89	21.56	23	0
10	16QAM	1	25	21.88	21.65	21.80		
10	16QAM	1	49	21.70	21.52	21.71		
10	16QAM	25	0	21.83	21.88	21.83	23	0
10	16QAM	25	12	21.70	21.87	21.77		
10	16QAM	25	25	21.84	21.78	21.88		
10	16QAM	50	0	21.78	21.74	21.72		
10	64QAM	1	0	21.84	21.84	21.82	23	0
10	64QAM	1	25	21.62	21.45	21.42		
10	64QAM	1	49	21.78	21.66	21.79		
10	64QAM	25	0	20.87	20.85	20.72	22	1
10	64QAM	25	12	20.92	20.94	20.89		
10	64QAM	25	25	20.93	20.82	20.71		
10	64QAM	50	0	20.94	20.79	20.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.69	21.88	21.43	23	0
5	QPSK	1	12	21.64	21.59	21.59		
5	QPSK	1	24	21.50	21.71	21.36		
5	QPSK	12	0	21.66	21.77	21.63	23	0
5	QPSK	12	7	21.77	21.65	21.72		
5	QPSK	12	13	21.78	21.57	21.65		
5	QPSK	25	0	21.72	21.87	21.80		
5	16QAM	1	0	21.71	21.84	21.47	23	0
5	16QAM	1	12	21.77	21.52	21.73		
5	16QAM	1	24	21.65	21.46	21.55		
5	16QAM	12	0	21.77	21.80	21.77	23	0
5	16QAM	12	7	21.56	21.72	21.71		
5	16QAM	12	13	21.71	21.62	21.79		
5	16QAM	25	0	21.69	21.61	21.64		
5	64QAM	1	0	21.70	21.72	21.68	23	0
5	64QAM	1	12	21.54	21.36	21.30		
5	64QAM	1	24	21.70	21.53	21.67		
5	64QAM	12	0	20.81	20.69	20.59	22	1
5	64QAM	12	7	20.79	20.88	20.82		
5	64QAM	12	13	20.77	20.75	20.55		
5	64QAM	25	0	20.86	20.63	20.61		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.67	21.81	21.46	23	0
3	QPSK	1	8	21.56	21.59	21.64		
3	QPSK	1	14	21.47	21.71	21.36		
3	QPSK	8	0	21.62	21.74	21.60	23	0
3	QPSK	8	4	21.69	21.65	21.69		
3	QPSK	8	7	21.76	21.62	21.65		
3	QPSK	15	0	21.69	21.80	21.85		
3	16QAM	1	0	21.74	21.76	21.47	23	0
3	16QAM	1	8	21.78	21.59	21.67		
3	16QAM	1	14	21.61	21.37	21.57		
3	16QAM	8	0	21.77	21.75	21.75	23	0
3	16QAM	8	4	21.64	21.80	21.63		
3	16QAM	8	7	21.75	21.67	21.80		
3	16QAM	15	0	21.72	21.68	21.63		
3	64QAM	1	0	21.69	21.73	21.76	23	0
3	64QAM	1	8	21.54	21.37	21.31		
3	64QAM	1	14	21.72	21.58	21.69		
3	64QAM	8	0	20.77	20.75	20.59	22	1
3	64QAM	8	4	20.85	20.87	20.78		
3	64QAM	8	7	20.88	20.69	20.65		
3	64QAM	15	0	20.78	20.73	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.67	21.82	21.45	23	0
1.4	QPSK	1	3	21.64	21.63	21.63		
1.4	QPSK	1	5	21.48	21.70	21.42		
1.4	QPSK	3	0	21.60	21.78	21.69		
1.4	QPSK	3	1	21.72	21.64	21.67		
1.4	QPSK	3	3	21.75	21.59	21.66		
1.4	QPSK	6	0	21.76	21.78	21.77	23	0
1.4	16QAM	1	0	21.66	21.79	21.45	23	0
1.4	16QAM	1	3	21.80	21.58	21.66		
1.4	16QAM	1	5	21.60	21.46	21.66		
1.4	16QAM	3	0	21.71	21.82	21.70		
1.4	16QAM	3	1	21.61	21.77	21.64		
1.4	16QAM	3	3	21.70	21.62	21.74		
1.4	16QAM	6	0	21.64	21.67	21.66	23	0
1.4	64QAM	1	0	21.74	21.71	21.67	23	0
1.4	64QAM	1	3	21.57	21.33	21.33		
1.4	64QAM	1	5	21.62	21.57	21.64		
1.4	64QAM	3	0	21.60	21.63	21.59		
1.4	64QAM	3	1	21.52	21.17	21.22		
1.4	64QAM	3	3	21.55	21.51	21.48		
1.4	64QAM	6	0	20.81	20.63	20.65	22	1

Band 5_Ant 41

BW [MHz]	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	23.86	23.95	23.82	25	0
10	QPSK	1	25	23.79	23.75	23.77		
10	QPSK	1	49	23.73	23.62	23.71		
10	QPSK	25	0	22.93	22.98	22.88	24	1
10	QPSK	25	12	22.91	22.88	22.87		
10	QPSK	25	25	22.84	22.88	22.79		
10	QPSK	50	0	22.92	22.93	22.83		
10	16QAM	1	0	23.24	23.02	23.16	24	1
10	16QAM	1	25	22.75	23.16	23.30		
10	16QAM	1	49	22.78	22.91	23.32		
10	16QAM	25	0	21.81	21.89	21.87	23	2
10	16QAM	25	12	22.02	21.95	21.82		
10	16QAM	25	25	21.98	21.94	21.83		
10	16QAM	50	0	21.87	21.82	21.76		
10	64QAM	1	0	21.85	22.15	21.73	23	2
10	64QAM	1	25	22.23	21.81	22.00		
10	64QAM	1	49	21.73	22.00	21.88		
10	64QAM	25	0	20.80	20.81	20.70	22	3
10	64QAM	25	12	20.88	20.83	20.90		
10	64QAM	25	25	20.98	20.85	20.74		
10	64QAM	50	0	20.90	20.89	20.84		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.82	23.78	23.70	25	0
5	QPSK	1	12	23.75	23.66	23.80		
5	QPSK	1	24	23.74	23.83	23.67		
5	QPSK	12	0	22.72	22.79	22.70	24	1
5	QPSK	12	7	22.92	22.87	22.75		
5	QPSK	12	13	22.87	22.86	22.79		
5	QPSK	25	0	22.87	22.80	22.70		
5	16QAM	1	0	22.90	23.01	23.41	24	1
5	16QAM	1	12	23.26	23.50	23.02		
5	16QAM	1	24	23.06	23.49	23.06		
5	16QAM	12	0	21.75	21.86	21.86	23	2
5	16QAM	12	7	21.90	21.87	21.90		
5	16QAM	12	13	21.87	21.85	21.90		
5	16QAM	25	0	21.79	21.79	21.79		
5	64QAM	1	0	22.01	22.36	21.78	23	2
5	64QAM	1	12	22.02	21.86	21.85		
5	64QAM	1	24	21.79	21.84	21.77		
5	64QAM	12	0	20.92	20.86	20.88	22	3
5	64QAM	12	7	21.02	20.84	20.82		
5	64QAM	12	13	20.98	20.82	20.92		
5	64QAM	25	0	20.92	20.79	20.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.74	23.83	23.64	25	0
3	QPSK	1	8	23.59	23.76	23.74		
3	QPSK	1	14	23.69	23.76	23.58		
3	QPSK	8	0	22.81	22.71	22.62	24	1
3	QPSK	8	4	22.78	22.80	22.73		
3	QPSK	8	7	22.84	22.82	22.79		
3	QPSK	15	0	22.86	22.65	22.73		
3	16QAM	1	0	23.17	23.21	23.26	24	1
3	16QAM	1	8	23.14	22.96	23.23		
3	16QAM	1	14	23.05	22.98	22.53		
3	16QAM	8	0	21.89	21.84	21.70	23	2
3	16QAM	8	4	21.93	21.90	21.91		
3	16QAM	8	7	21.88	21.94	21.83		
3	16QAM	15	0	21.82	21.67	21.91		
3	64QAM	1	0	22.06	21.93	21.76	23	2
3	64QAM	1	8	22.11	22.14	21.66		
3	64QAM	1	14	21.73	22.18	22.14		
3	64QAM	8	0	20.88	20.78	20.76	22	3
3	64QAM	8	4	20.99	20.90	20.79		
3	64QAM	8	7	20.77	20.93	20.79		
3	64QAM	15	0	20.84	20.75	20.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.68	23.67	25	0
1.4	QPSK	1	3	23.66	23.68	23.61		
1.4	QPSK	1	5	23.49	23.64	23.67		
1.4	QPSK	3	0	23.79	23.69	23.62		
1.4	QPSK	3	1	23.71	23.74	23.59		
1.4	QPSK	3	3	23.72	23.79	23.66		
1.4	QPSK	6	0	22.80	22.72	22.65	24	1
1.4	16QAM	1	0	22.97	23.23	23.17	24	1
1.4	16QAM	1	3	23.24	23.13	23.00		
1.4	16QAM	1	5	23.00	22.95	23.52		
1.4	16QAM	3	0	22.89	22.69	22.86		
1.4	16QAM	3	1	22.99	23.01	22.97		
1.4	16QAM	3	3	22.72	22.85	22.88		
1.4	16QAM	6	0	21.74	21.80	21.75	23	2
1.4	64QAM	1	0	21.99	22.28	21.82	23	2
1.4	64QAM	1	3	21.83	21.91	21.95		
1.4	64QAM	1	5	21.78	21.90	21.68		
1.4	64QAM	3	0	21.83	21.80	21.94		
1.4	64QAM	3	1	21.67	21.89	21.74		
1.4	64QAM	3	3	21.77	21.88	21.74		
1.4	64QAM	6	0	20.82	20.77	20.50	22	3

24.05

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.30	18.58	18.23	19	0
20	QPSK	1	49	18.02	18.34	18.21		
20	QPSK	1	99	18.26	18.38	18.13		
20	QPSK	50	0	18.40	18.49	18.47	19	0
20	QPSK	50	24	18.39	18.46	18.43		
20	QPSK	50	50	18.34	18.45	18.44		
20	QPSK	100	0	18.38	18.45	18.44		
20	16QAM	1	0	18.34	18.32	17.83	19	0
20	16QAM	1	49	18.34	18.41	18.28		
20	16QAM	1	99	18.38	18.39	17.99		
20	16QAM	50	0	18.39	18.31	18.30	19	0
20	16QAM	50	24	18.44	18.46	18.52		
20	16QAM	50	50	18.40	18.57	18.51		
20	16QAM	100	0	18.35	18.38	18.49		
20	64QAM	1	0	18.22	18.02	18.06	19	0
20	64QAM	1	49	18.19	17.89	17.97		
20	64QAM	1	99	18.45	18.15	18.19		
20	64QAM	50	0	18.28	18.41	18.36	19	0
20	64QAM	50	24	18.41	18.44	18.42		
20	64QAM	50	50	18.36	18.46	18.53		
20	64QAM	100	0	18.40	18.41	18.49		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.17	18.48	18.09	19	0
15	QPSK	1	37	17.92	18.26	18.16		
15	QPSK	1	74	18.16	18.22	18.06		
15	QPSK	36	0	18.32	18.34	18.31	19	0
15	QPSK	36	20	18.30	18.41	18.37		
15	QPSK	36	39	18.29	18.33	18.28		
15	QPSK	75	0	18.29	18.35	18.39		
15	16QAM	1	0	18.24	18.22	17.76	19	0
15	16QAM	1	37	18.21	18.36	18.15		
15	16QAM	1	74	18.22	18.33	17.85		
15	16QAM	36	0	18.31	18.18	18.22	19	0
15	16QAM	36	20	18.29	18.37	18.40		
15	16QAM	36	39	18.26	18.46	18.44		
15	16QAM	75	0	18.26	18.32	18.42		
15	64QAM	1	0	18.07	17.95	17.96	19	0
15	64QAM	1	37	18.06	17.79	17.86		
15	64QAM	1	74	18.37	18.03	18.07		
15	64QAM	36	0	18.19	18.31	18.30	19	0
15	64QAM	36	20	18.30	18.30	18.28		
15	64QAM	36	39	18.30	18.31	18.42		
15	64QAM	75	0	18.33	18.27	18.42		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.20	18.52	18.14	19	0
10	QPSK	1	25	17.89	18.24	18.15		
10	QPSK	1	49	18.18	18.32	18.03		
10	QPSK	25	0	18.35	18.38	18.34	19	0
10	QPSK	25	12	18.23	18.39	18.29		
10	QPSK	25	25	18.28	18.36	18.29		
10	QPSK	50	0	18.29	18.33	18.38		
10	16QAM	1	0	18.23	18.27	17.71	19	0
10	16QAM	1	25	18.23	18.27	18.21		
10	16QAM	1	49	18.26	18.28	17.85		
10	16QAM	25	0	18.24	18.19	18.23	19	0
10	16QAM	25	12	18.28	18.34	18.39		
10	16QAM	25	25	18.35	18.42	18.42		
10	16QAM	50	0	18.20	18.29	18.41		
10	64QAM	1	0	18.16	17.94	17.95	19	0
10	64QAM	1	25	18.14	17.77	17.82		
10	64QAM	1	49	18.34	18.08	18.08		
10	64QAM	25	0	18.18	18.26	18.23	19	0
10	64QAM	25	12	18.35	18.30	18.31		
10	64QAM	25	25	18.24	18.39	18.39		
10	64QAM	50	0	18.35	18.34	18.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.14	18.43	18.13	19	0
5	QPSK	1	12	17.90	18.20	18.09		
5	QPSK	1	24	18.15	18.27	18.05		
5	QPSK	12	0	18.30	18.40	18.31	19	0
5	QPSK	12	7	18.32	18.36	18.34		
5	QPSK	12	13	18.24	18.29	18.31		
5	QPSK	25	0	18.24	18.31	18.32		
5	16QAM	1	0	18.19	18.19	17.70	19	0
5	16QAM	1	12	18.23	18.35	18.21		
5	16QAM	1	24	18.24	18.33	17.85		
5	16QAM	12	0	18.29	18.15	18.19	19	0
5	16QAM	12	7	18.30	18.30	18.36		
5	16QAM	12	13	18.33	18.41	18.41		
5	16QAM	25	0	18.23	18.22	18.44		
5	64QAM	1	0	18.15	17.96	17.92	19	0
5	64QAM	1	12	18.08	17.75	17.90		
5	64QAM	1	24	18.33	18.06	18.04		
5	64QAM	12	0	18.22	18.36	18.25	19	0
5	64QAM	12	7	18.33	18.39	18.30		
5	64QAM	12	13	18.20	18.32	18.48		
5	64QAM	25	0	18.29	18.30	18.35		

Band 7_Ant 31

BW [MHz]	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	20.25	20.52	20.23	21	0
20	QPSK	1	49	20.19	20.25	20.15		
20	QPSK	1	99	19.95	20.08	20.08		
20	QPSK	50	0	20.19	20.37	20.27	21	0
20	QPSK	50	24	20.18	20.30	20.21		
20	QPSK	50	50	20.16	20.24	20.19		
20	QPSK	100	0	20.13	20.19	20.17		
20	16QAM	1	0	20.28	20.16	19.96	21	0
20	16QAM	1	49	20.26	20.41	19.99		
20	16QAM	1	99	20.20	19.81	20.11		
20	16QAM	50	0	19.98	19.98	19.99	21	0
20	16QAM	50	24	19.97	19.97	19.99		
20	16QAM	50	50	19.90	20.13	20.09		
20	16QAM	100	0	20.02	20.08	19.94		
20	64QAM	1	0	19.83	19.91	19.89	21	0
20	64QAM	1	49	19.91	20.26	20.07		
20	64QAM	1	99	20.20	19.98	20.00		
20	64QAM	50	0	19.98	19.99	20.01	21	0
20	64QAM	50	24	19.93	20.08	19.99		
20	64QAM	50	50	19.89	20.01	20.00		
20	64QAM	100	0	20.07	20.03	20.03		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.15	20.40	20.08	21	0
15	QPSK	1	37	20.05	20.12	20.00		
15	QPSK	1	74	19.86	19.97	19.92		
15	QPSK	36	0	20.14	20.29	20.15	21	0
15	QPSK	36	20	20.09	20.21	20.06		
15	QPSK	36	39	20.06	20.18	20.10		
15	QPSK	75	0	20.03	20.08	20.11		
15	16QAM	1	0	20.12	20.04	19.80	21	0
15	16QAM	1	37	20.20	20.26	19.94		
15	16QAM	1	74	20.13	19.69	20.04		
15	16QAM	36	0	19.88	19.91	19.90	21	0
15	16QAM	36	20	19.87	19.92	19.83		
15	16QAM	36	39	19.85	20.03	20.00		
15	16QAM	75	0	19.87	19.94	19.81		
15	64QAM	1	0	19.75	19.82	19.76	21	0
15	64QAM	1	37	19.78	20.17	19.93		
15	64QAM	1	74	20.09	19.86	19.95		
15	64QAM	36	0	19.82	19.94	19.92	21	0
15	64QAM	36	20	19.88	19.97	19.85		
15	64QAM	36	39	19.75	19.89	19.87		
15	64QAM	75	0	19.92	19.94	19.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.10	20.39	20.17	21	0
10	QPSK	1	25	20.12	20.09	20.00		
10	QPSK	1	49	19.80	19.95	20.03		
10	QPSK	25	0	20.05	20.28	20.12	21	0
10	QPSK	25	12	20.09	20.20	20.05		
10	QPSK	25	25	20.03	20.17	20.07		
10	QPSK	50	0	20.05	20.03	20.02		
10	16QAM	1	0	20.22	20.11	19.87	21	0
10	16QAM	1	25	20.20	20.32	19.92		
10	16QAM	1	49	20.14	19.71	20.03		
10	16QAM	25	0	19.85	19.87	19.83	21	0
10	16QAM	25	12	19.81	19.84	19.94		
10	16QAM	25	25	19.75	20.06	19.93		
10	16QAM	50	0	19.95	19.94	19.82		
10	64QAM	1	0	19.72	19.83	19.79	21	0
10	64QAM	1	25	19.75	20.15	19.93		
10	64QAM	1	49	20.09	19.91	19.91		
10	64QAM	25	0	19.84	19.87	19.88	21	0
10	64QAM	25	12	19.85	19.97	19.90		
10	64QAM	25	25	19.81	19.95	19.85		
10	64QAM	50	0	19.99	19.93	19.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.14	20.38	20.17	21	0
5	QPSK	1	12	20.07	20.16	20.06		
5	QPSK	1	24	19.85	19.94	19.96		
5	QPSK	12	0	20.05	20.22	20.15	21	0
5	QPSK	12	7	20.08	20.16	20.13		
5	QPSK	12	13	20.10	20.15	20.04		
5	QPSK	25	0	20.07	20.06	20.07		
5	16QAM	1	0	20.14	20.06	19.88	21	0
5	16QAM	1	12	20.11	20.31	19.88		
5	16QAM	1	24	20.11	19.68	20.05		
5	16QAM	12	0	19.93	19.92	19.93	21	0
5	16QAM	12	7	19.86	19.91	19.86		
5	16QAM	12	13	19.83	20.04	20.00		
5	16QAM	25	0	19.97	20.02	19.84		
5	64QAM	1	0	19.77	19.75	19.76	21	0
5	64QAM	1	12	19.83	20.11	20.02		
5	64QAM	1	24	20.14	19.82	19.85		
5	64QAM	12	0	19.89	19.86	19.95	21	0
5	64QAM	12	7	19.86	19.96	19.87		
5	64QAM	12	13	19.74	19.94	19.92		
5	64QAM	25	0	19.99	19.94	19.97		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.17	19.47	19.33	20.5	0
20	QPSK	1	49	19.08	19.22	19.23		
20	QPSK	1	99	19.01	19.11	19.24		
20	QPSK	50	0	19.20	19.46	19.34	20.5	0
20	QPSK	50	24	19.17	19.28	19.29		
20	QPSK	50	50	19.17	19.40	19.30		
20	QPSK	100	0	19.29	19.42	19.33		
20	16QAM	1	0	19.08	19.23	19.27	20.5	0
20	16QAM	1	49	19.12	19.25	19.11		
20	16QAM	1	99	19.13	19.23	19.25		
20	16QAM	50	0	18.93	19.15	19.32	20.5	0
20	16QAM	50	24	19.10	19.10	19.13		
20	16QAM	50	50	19.06	19.30	19.36		
20	16QAM	100	0	19.00	19.07	19.27		
20	64QAM	1	0	19.26	19.06	19.02	20.5	0
20	64QAM	1	49	19.21	18.65	19.26		
20	64QAM	1	99	19.09	19.28	18.96		
20	64QAM	50	0	19.00	19.01	19.18	20.5	0
20	64QAM	50	24	19.18	19.07	19.36		
20	64QAM	50	50	19.05	19.23	19.31		
20	64QAM	100	0	18.99	19.21	19.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.10	19.40	19.25	20.5	0
15	QPSK	1	37	18.97	19.07	19.16		
15	QPSK	1	74	18.86	19.06	19.16		
15	QPSK	36	0	19.04	19.31	19.25	20.5	0
15	QPSK	36	20	19.11	19.12	19.22		
15	QPSK	36	39	19.01	19.26	19.24		
15	QPSK	75	0	19.14	19.30	19.22		
15	16QAM	1	0	19.00	19.14	19.11	20.5	0
15	16QAM	1	37	19.04	19.20	19.01		
15	16QAM	1	74	19.03	19.14	19.10		
15	16QAM	36	0	18.80	18.99	19.23	20.5	0
15	16QAM	36	20	19.02	19.02	19.00		
15	16QAM	36	39	18.92	19.19	19.26		
15	16QAM	75	0	18.85	18.97	19.22		
15	64QAM	1	0	19.10	18.93	18.87	20.5	0
15	64QAM	1	37	19.09	18.53	19.19		
15	64QAM	1	74	19.03	19.16	18.86		
15	64QAM	36	0	18.91	18.95	19.11	20.5	0
15	64QAM	36	20	19.13	19.00	19.30		
15	64QAM	36	39	18.95	19.18	19.19		
15	64QAM	75	0	18.93	19.05	19.28		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.04	19.32	19.27	20.5	0
10	QPSK	1	25	18.97	19.17	19.08		
10	QPSK	1	49	18.88	18.99	19.18		
10	QPSK	25	0	19.11	19.40	19.29	20.5	0
10	QPSK	25	12	19.12	19.20	19.13		
10	QPSK	25	25	19.02	19.24	19.16		
10	QPSK	50	0	19.13	19.32	19.26		
10	16QAM	1	0	18.99	19.07	19.19	20.5	0
10	16QAM	1	25	19.02	19.15	19.04		
10	16QAM	1	49	18.99	19.12	19.10		
10	16QAM	25	0	18.88	19.08	19.19	20.5	0
10	16QAM	25	12	19.01	18.97	19.08		
10	16QAM	25	25	18.98	19.28	19.31		
10	16QAM	50	0	18.95	18.97	19.12		
10	64QAM	1	0	19.17	19.00	18.88	20.5	0
10	64QAM	1	25	19.16	18.51	19.13		
10	64QAM	1	49	19.04	19.22	18.85		
10	64QAM	25	0	18.88	18.87	19.04	20.5	0
10	64QAM	25	12	19.02	18.99	19.24		
10	64QAM	25	25	18.91	19.13	19.20		
10	64QAM	50	0	18.89	19.08	19.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.07	19.42	19.17	20.5	0
5	QPSK	1	12	18.97	19.16	19.15		
5	QPSK	1	24	18.90	19.02	19.18		
5	QPSK	12	0	19.05	19.31	19.24	20.5	0
5	QPSK	12	7	19.11	19.16	19.21		
5	QPSK	12	13	19.01	19.35	19.14		
5	QPSK	25	0	19.22	19.30	19.18		
5	16QAM	1	0	19.03	19.07	19.15	20.5	0
5	16QAM	1	12	19.01	19.14	18.98		
5	16QAM	1	24	19.08	19.09	19.10		
5	16QAM	12	0	18.77	19.05	19.16	20.5	0
5	16QAM	12	7	18.94	18.94	19.08		
5	16QAM	12	13	18.90	19.18	19.29		
5	16QAM	25	0	18.90	18.99	19.19		
5	64QAM	1	0	19.18	18.91	18.86	20.5	0
5	64QAM	1	12	19.07	18.60	19.14		
5	64QAM	1	24	19.04	19.21	18.81		
5	64QAM	12	0	18.89	18.86	19.10	20.5	0
5	64QAM	12	7	19.08	19.02	19.25		
5	64QAM	12	13	18.96	19.09	19.26		
5	64QAM	25	0	18.87	19.09	19.18		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.59	16.63	16.25	17.5	0
20	QPSK	1	49	16.55	16.35	16.24		
20	QPSK	1	99	16.47	16.25	16.07		
20	QPSK	50	0	16.53	16.55	16.25	17.5	0
20	QPSK	50	24	16.52	16.41	16.24		
20	QPSK	50	50	16.46	16.36	16.21		
20	QPSK	100	0	16.46	16.54	16.19		
20	16QAM	1	0	16.58	16.47	16.59	17.5	0
20	16QAM	1	49	16.59	16.58	16.19		
20	16QAM	1	99	16.51	16.44	16.61		
20	16QAM	50	0	16.61	16.44	16.31	17.5	0
20	16QAM	50	24	16.58	16.35	16.30		
20	16QAM	50	50	16.47	16.38	16.19		
20	16QAM	100	0	16.55	16.34	16.24		
20	64QAM	1	0	16.58	16.42	16.62	17.5	0
20	64QAM	1	49	16.50	16.42	16.11		
20	64QAM	1	99	16.42	16.31	16.57		
20	64QAM	50	0	16.58	16.46	16.12	17.5	0
20	64QAM	50	24	16.50	16.38	16.27		
20	64QAM	50	50	16.51	16.40	16.13		
20	64QAM	100	0	16.62	16.40	16.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.49	16.55	16.13	17.5	0
15	QPSK	1	37	16.45	16.26	16.08		
15	QPSK	1	74	16.40	16.09	15.96		
15	QPSK	36	0	16.40	16.44	16.12	17.5	0
15	QPSK	36	20	16.38	16.33	16.17		
15	QPSK	36	39	16.34	16.26	16.11		
15	QPSK	75	0	16.35	16.40	16.07		
15	16QAM	1	0	16.47	16.36	16.53	17.5	0
15	16QAM	1	37	16.45	16.53	16.11		
15	16QAM	1	74	16.35	16.36	16.53		
15	16QAM	36	0	16.49	16.32	16.26	17.5	0
15	16QAM	36	20	16.52	16.23	16.24		
15	16QAM	36	39	16.31	16.33	16.10		
15	16QAM	75	0	16.50	16.18	16.16		
15	64QAM	1	0	16.46	16.33	16.55	17.5	0
15	64QAM	1	37	16.41	16.33	16.02		
15	64QAM	1	74	16.35	16.18	16.49		
15	64QAM	36	0	16.52	16.41	15.99	17.5	0
15	64QAM	36	20	16.38	16.30	16.13		
15	64QAM	36	39	16.44	16.32	16.05		
15	64QAM	75	0	16.53	16.34	16.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.51	16.55	16.20	17.5	0
10	QPSK	1	25	16.41	16.19	16.10		
10	QPSK	1	49	16.42	16.10	15.95		
10	QPSK	25	0	16.41	16.44	16.11	17.5	0
10	QPSK	25	12	16.37	16.27	16.16		
10	QPSK	25	25	16.36	16.25	16.06		
10	QPSK	50	0	16.41	16.46	16.07		
10	16QAM	1	0	16.45	16.40	16.51	17.5	0
10	16QAM	1	25	16.50	16.48	16.06		
10	16QAM	1	49	16.40	16.29	16.50		
10	16QAM	25	0	16.56	16.35	16.23	17.5	0
10	16QAM	25	12	16.48	16.23	16.23		
10	16QAM	25	25	16.36	16.29	16.05		
10	16QAM	50	0	16.50	16.23	16.13		
10	64QAM	1	0	16.44	16.31	16.48	17.5	0
10	64QAM	1	25	16.42	16.36	15.96		
10	64QAM	1	49	16.28	16.23	16.41		
10	64QAM	25	0	16.47	16.35	16.01	17.5	0
10	64QAM	25	12	16.40	16.25	16.20		
10	64QAM	25	25	16.37	16.32	16.00		
10	64QAM	50	0	16.57	16.27	16.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.44	16.51	16.18	17.5	0
5	QPSK	1	12	16.40	16.26	16.10		
5	QPSK	1	24	16.36	16.17	15.93		
5	QPSK	12	0	16.43	16.45	16.14	17.5	0
5	QPSK	12	7	16.47	16.34	16.14		
5	QPSK	12	13	16.37	16.29	16.14		
5	QPSK	25	0	16.39	16.41	16.05		
5	16QAM	1	0	16.46	16.34	16.47	17.5	0
5	16QAM	1	12	16.54	16.53	16.13		
5	16QAM	1	24	16.40	16.37	16.47		
5	16QAM	12	0	16.45	16.35	16.25	17.5	0
5	16QAM	12	7	16.53	16.29	16.15		
5	16QAM	12	13	16.41	16.32	16.12		
5	16QAM	25	0	16.45	16.22	16.14		
5	64QAM	1	0	16.53	16.30	16.53	17.5	0
5	64QAM	1	12	16.43	16.33	16.04		
5	64QAM	1	24	16.28	16.25	16.44		
5	64QAM	12	0	16.42	16.34	16.06	17.5	0
5	64QAM	12	7	16.40	16.33	16.18		
5	64QAM	12	13	16.38	16.30	16.03		
5	64QAM	25	0	16.56	16.33	16.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.52	16.53	16.13	17.5	0
3	QPSK	1	8	16.39	16.25	16.12		
3	QPSK	1	14	16.34	16.17	15.99		
3	QPSK	8	0	16.41	16.45	16.20	17.5	0
3	QPSK	8	4	16.42	16.36	16.09		
3	QPSK	8	7	16.31	16.21	16.10		
3	QPSK	15	0	16.35	16.48	16.13		
3	16QAM	1	0	16.53	16.33	16.47	17.5	0
3	16QAM	1	8	16.48	16.44	16.10		
3	16QAM	1	14	16.45	16.31	16.47		
3	16QAM	8	0	16.51	16.38	16.15	17.5	0
3	16QAM	8	4	16.43	16.22	16.14		
3	16QAM	8	7	16.42	16.26	16.11		
3	16QAM	15	0	16.50	16.21	16.11		
3	64QAM	1	0	16.44	16.29	16.46	17.5	0
3	64QAM	1	8	16.37	16.27	16.01		
3	64QAM	1	14	16.31	16.23	16.46		
3	64QAM	8	0	16.43	16.37	16.06	17.5	0
3	64QAM	8	4	16.40	16.26	16.20		
3	64QAM	8	7	16.46	16.24	16.06		
3	64QAM	15	0	16.50	16.34	16.17		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.52	16.49	16.18	17.5	0
1.4	QPSK	1	3	16.40	16.22	16.10		
1.4	QPSK	1	5	16.38	16.12	15.97		
1.4	QPSK	3	0	16.38	16.47	16.10		
1.4	QPSK	3	1	16.45	16.35	16.15		
1.4	QPSK	3	3	16.31	16.20	16.06		
1.4	QPSK	6	0	16.38	16.41	16.14	17.5	0
1.4	16QAM	1	0	16.53	16.31	16.49	17.5	0
1.4	16QAM	1	3	16.53	16.44	16.05		
1.4	16QAM	1	5	16.42	16.37	16.47		
1.4	16QAM	3	0	16.47	16.29	16.18		
1.4	16QAM	3	1	16.42	16.22	16.19		
1.4	16QAM	3	3	16.42	16.30	16.05		
1.4	16QAM	6	0	16.43	16.26	16.19	17.5	0
1.4	64QAM	1	0	16.46	16.36	16.46	17.5	0
1.4	64QAM	1	3	16.44	16.30	16.02		
1.4	64QAM	1	5	16.30	16.25	16.45		
1.4	64QAM	3	0	16.48	16.31	16.03		
1.4	64QAM	3	1	16.36	16.27	16.21		
1.4	64QAM	3	3	16.35	16.35	15.99		
1.4	64QAM	6	0	16.55	16.29	16.22	17.5	0

Band 66_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.23	20.49	20.30	21	0
20	QPSK	1	49	20.15	20.34	19.98		
20	QPSK	1	99	20.08	20.10	20.06		
20	QPSK	50	0	20.21	20.24	20.22	21	0
20	QPSK	50	24	20.11	20.11	20.19		
20	QPSK	50	50	20.13	20.08	20.11		
20	QPSK	100	0	20.11	20.19	20.16		
20	16QAM	1	0	20.39	20.07	20.15	21	0
20	16QAM	1	49	20.32	20.23	20.01		
20	16QAM	1	99	20.40	20.09	19.78		
20	16QAM	50	0	20.10	20.09	20.08	21	0
20	16QAM	50	24	20.12	20.22	20.13		
20	16QAM	50	50	20.00	19.95	20.13		
20	16QAM	100	0	20.11	20.11	20.09		
20	64QAM	1	0	20.36	19.87	20.00	21	0
20	64QAM	1	49	20.37	20.42	19.93		
20	64QAM	1	99	20.17	20.00	19.71		
20	64QAM	50	0	20.08	20.26	20.15	21	0
20	64QAM	50	24	20.11	20.13	20.13		
20	64QAM	50	50	20.07	20.29	20.12		
20	64QAM	100	0	20.16	20.09	20.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.11	20.44	20.21	21	0
15	QPSK	1	37	20.04	20.19	19.90		
15	QPSK	1	74	19.96	20.03	19.91		
15	QPSK	36	0	20.07	20.18	20.17	21	0
15	QPSK	36	20	19.97	19.97	20.06		
15	QPSK	36	39	20.06	19.93	19.99		
15	QPSK	75	0	20.03	20.09	20.01		
15	16QAM	1	0	20.24	20.02	20.05	21	0
15	16QAM	1	37	20.25	20.14	19.90		
15	16QAM	1	74	20.30	20.04	19.63		
15	16QAM	36	0	20.00	19.95	19.98	21	0
15	16QAM	36	20	20.02	20.11	20.01		
15	16QAM	36	39	19.94	19.79	20.05		
15	16QAM	75	0	20.02	19.96	20.01		
15	64QAM	1	0	20.22	19.74	19.91	21	0
15	64QAM	1	37	20.31	20.37	19.85		
15	64QAM	1	74	20.04	19.86	19.63		
15	64QAM	36	0	19.92	20.14	20.08	21	0
15	64QAM	36	20	19.98	20.06	20.03		
15	64QAM	36	39	19.99	20.13	20.04		
15	64QAM	75	0	20.02	19.97	20.07		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.10	20.43	20.14	21	0
10	QPSK	1	25	20.05	20.24	19.91		
10	QPSK	1	49	19.94	19.97	19.97		
10	QPSK	25	0	20.12	20.16	20.13	21	0
10	QPSK	25	12	19.99	20.02	20.13		
10	QPSK	25	25	20.06	19.98	20.01		
10	QPSK	50	0	20.02	20.09	20.11		
10	16QAM	1	0	20.26	20.02	20.02	21	0
10	16QAM	1	25	20.22	20.08	19.96		
10	16QAM	1	49	20.25	19.97	19.62		
10	16QAM	25	0	20.01	20.01	19.92	21	0
10	16QAM	25	12	20.05	20.06	19.98		
10	16QAM	25	25	19.87	19.81	20.07		
10	16QAM	50	0	20.05	20.02	20.02		
10	64QAM	1	0	20.27	19.73	19.86	21	0
10	64QAM	1	25	20.31	20.30	19.77		
10	64QAM	1	49	20.08	19.94	19.55		
10	64QAM	25	0	19.96	20.20	20.02	21	0
10	64QAM	25	12	19.96	19.99	20.07		
10	64QAM	25	25	19.92	20.14	20.03		
10	64QAM	50	0	20.07	20.04	19.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.16	20.34	20.19	21	0
5	QPSK	1	12	20.05	20.22	19.85		
5	QPSK	1	24	20.00	20.05	19.90		
5	QPSK	12	0	20.12	20.09	20.08	21	0
5	QPSK	12	7	20.06	20.06	20.13		
5	QPSK	12	13	19.97	19.94	20.06		
5	QPSK	25	0	19.95	20.12	20.11		
5	16QAM	1	0	20.26	19.92	20.07	21	0
5	16QAM	1	12	20.17	20.13	19.88		
5	16QAM	1	24	20.33	19.99	19.67		
5	16QAM	12	0	20.05	19.96	19.93	21	0
5	16QAM	12	7	20.06	20.17	20.07		
5	16QAM	12	13	19.88	19.89	19.99		
5	16QAM	25	0	20.06	19.99	19.96		
5	64QAM	1	0	20.22	19.77	19.95	21	0
5	64QAM	1	12	20.22	20.31	19.80		
5	64QAM	1	24	20.08	19.84	19.58		
5	64QAM	12	0	19.92	20.17	20.08	21	0
5	64QAM	12	7	20.05	19.99	19.99		
5	64QAM	12	13	19.92	20.20	19.96		
5	64QAM	25	0	20.11	20.04	19.99		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.10	20.33	20.18	21	0
3	QPSK	1	8	20.07	20.25	19.93		
3	QPSK	1	14	19.95	20.05	19.91		
3	QPSK	8	0	20.10	20.12	20.12	21	0
3	QPSK	8	4	20.03	20.01	20.10		
3	QPSK	8	7	20.06	19.93	20.06		
3	QPSK	15	0	20.05	20.08	20.09		
3	16QAM	1	0	20.32	20.00	20.10	21	0
3	16QAM	1	8	20.21	20.13	19.89		
3	16QAM	1	14	20.33	19.99	19.73		
3	16QAM	8	0	19.99	20.01	20.01	21	0
3	16QAM	8	4	20.06	20.15	20.07		
3	16QAM	8	7	19.89	19.89	19.99		
3	16QAM	15	0	19.96	20.02	19.99		
3	64QAM	1	0	20.26	19.82	19.91	21	0
3	64QAM	1	8	20.31	20.37	19.81		
3	64QAM	1	14	20.07	19.95	19.55		
3	64QAM	8	0	20.02	20.21	20.01	21	0
3	64QAM	8	4	20.06	19.98	20.00		
3	64QAM	8	7	20.02	20.19	19.97		
3	64QAM	15	0	20.11	20.00	20.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.15	20.33	20.23	21	0
1.4	QPSK	1	3	20.06	20.22	19.90		
1.4	QPSK	1	5	19.95	20.04	19.90		
1.4	QPSK	3	0	20.05	20.10	20.16		
1.4	QPSK	3	1	20.01	20.00	20.09		
1.4	QPSK	3	3	20.06	20.02	20.05		
1.4	QPSK	6	0	20.06	20.04	20.03	21	0
1.4	16QAM	1	0	20.27	19.94	20.06	21	0
1.4	16QAM	1	3	20.25	20.17	19.88		
1.4	16QAM	1	5	20.30	19.94	19.68		
1.4	16QAM	3	0	20.01	19.95	20.00		
1.4	16QAM	3	1	20.04	20.10	19.97		
1.4	16QAM	3	3	19.91	19.88	20.07		
1.4	16QAM	6	0	20.00	19.99	20.00	21	0
1.4	64QAM	1	0	20.26	19.76	19.84	21	0
1.4	64QAM	1	3	20.28	20.30	19.88		
1.4	64QAM	1	5	20.11	19.94	19.56		
1.4	64QAM	3	0	19.99	20.16	20.08		
1.4	64QAM	3	1	19.96	19.99	20.04		
1.4	64QAM	3	3	19.92	20.21	20.01		
1.4	64QAM	6	0	20.05	19.96	20.00	21	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.45	18.53	17.99	19.5	0
20	QPSK	1	49	18.41	18.19	17.86		
20	QPSK	1	99	18.13	18.06	17.97		
20	QPSK	50	0	18.40	18.43	18.22	19.5	0
20	QPSK	50	24	18.38	18.22	18.06		
20	QPSK	50	50	18.32	18.14	18.21		
20	QPSK	100	0	18.34	18.36	18.02		
20	16QAM	1	0	18.41	18.52	18.26	19.5	0
20	16QAM	1	49	18.38	18.49	18.09		
20	16QAM	1	99	18.44	18.00	18.07		
20	16QAM	50	0	18.38	18.22	18.10	19.5	0
20	16QAM	50	24	18.41	18.14	18.04		
20	16QAM	50	50	18.29	18.22	18.02		
20	16QAM	100	0	18.38	18.21	18.05		
20	64QAM	1	0	18.16	18.49	18.46	19.5	0
20	64QAM	1	49	18.24	18.40	18.21		
20	64QAM	1	99	18.14	18.30	18.03		
20	64QAM	50	0	18.30	18.29	17.94	19.5	0
20	64QAM	50	24	18.49	18.23	18.01		
20	64QAM	50	50	18.30	18.25	18.10		
20	64QAM	100	0	18.34	18.27	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.36	18.47	17.91	19.5	0
15	QPSK	1	37	18.31	18.10	17.77		
15	QPSK	1	74	18.04	17.94	17.84		
15	QPSK	36	0	18.32	18.32	18.15	19.5	0
15	QPSK	36	20	18.32	18.09	17.99		
15	QPSK	36	39	18.22	18.09	18.15		
15	QPSK	75	0	18.27	18.21	17.87		
15	16QAM	1	0	18.30	18.43	18.21	19.5	0
15	16QAM	1	37	18.25	18.42	17.97		
15	16QAM	1	74	18.33	17.95	17.94		
15	16QAM	36	0	18.23	18.10	17.97	19.5	0
15	16QAM	36	20	18.28	18.01	17.94		
15	16QAM	36	39	18.14	18.16	17.93		
15	16QAM	75	0	18.24	18.12	17.91		
15	64QAM	1	0	18.04	18.43	18.30	19.5	0
15	64QAM	1	37	18.18	18.26	18.15		
15	64QAM	1	74	17.99	18.23	17.89		
15	64QAM	36	0	18.17	18.14	17.86	19.5	0
15	64QAM	36	20	18.40	18.18	17.94		
15	64QAM	36	39	18.14	18.20	18.03		
15	64QAM	75	0	18.18	18.11	17.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.29	18.44	17.85	19.5	0
10	QPSK	1	25	18.30	18.12	17.71		
10	QPSK	1	49	18.07	17.90	17.85		
10	QPSK	25	0	18.28	18.38	18.10	19.5	0
10	QPSK	25	12	18.27	18.07	17.93		
10	QPSK	25	25	18.24	18.03	18.11		
10	QPSK	50	0	18.19	18.23	17.87		
10	16QAM	1	0	18.29	18.40	18.20	19.5	0
10	16QAM	1	25	18.31	18.34	18.03		
10	16QAM	1	49	18.37	17.87	17.96		
10	16QAM	25	0	18.27	18.10	18.04	19.5	0
10	16QAM	25	12	18.25	18.00	17.94		
10	16QAM	25	25	18.15	18.06	17.92		
10	16QAM	50	0	18.26	18.11	17.97		
10	64QAM	1	0	18.05	18.36	18.36	19.5	0
10	64QAM	1	25	18.17	18.34	18.11		
10	64QAM	1	49	18.02	18.19	17.95		
10	64QAM	25	0	18.18	18.14	17.79	19.5	0
10	64QAM	25	12	18.36	18.08	17.95		
10	64QAM	25	25	18.17	18.18	18.00		
10	64QAM	50	0	18.22	18.12	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.40	18.37	17.83	19.5	0
5	QPSK	1	12	18.30	18.06	17.72		
5	QPSK	1	24	17.99	17.92	17.87		
5	QPSK	12	0	18.31	18.38	18.13	19.5	0
5	QPSK	12	7	18.30	18.13	18.01		
5	QPSK	12	13	18.20	18.05	18.11		
5	QPSK	25	0	18.28	18.21	17.94		
5	16QAM	1	0	18.25	18.36	18.13	19.5	0
5	16QAM	1	12	18.25	18.40	18.03		
5	16QAM	1	24	18.28	17.89	17.96		
5	16QAM	12	0	18.23	18.07	18.00	19.5	0
5	16QAM	12	7	18.32	18.09	17.99		
5	16QAM	12	13	18.22	18.16	17.92		
5	16QAM	25	0	18.31	18.14	17.92		
5	64QAM	1	0	18.08	18.35	18.32	19.5	0
5	64QAM	1	12	18.10	18.24	18.07		
5	64QAM	1	24	17.98	18.22	17.87		
5	64QAM	12	0	18.19	18.20	17.83	19.5	0
5	64QAM	12	7	18.35	18.10	17.88		
5	64QAM	12	13	18.14	18.11	18.00		
5	64QAM	25	0	18.24	18.18	17.89		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.35	18.45	17.88	19.5	0
3	QPSK	1	8	18.30	18.04	17.79		
3	QPSK	1	14	17.99	17.93	17.84		
3	QPSK	8	0	18.35	18.29	18.10	19.5	0
3	QPSK	8	4	18.33	18.14	17.92		
3	QPSK	8	7	18.20	18.02	18.09		
3	QPSK	15	0	18.26	18.26	17.97		
3	16QAM	1	0	18.28	18.42	18.13	19.5	0
3	16QAM	1	8	18.27	18.35	18.00		
3	16QAM	1	14	18.28	17.85	18.02		
3	16QAM	8	0	18.25	18.12	18.02	19.5	0
3	16QAM	8	4	18.30	18.03	17.99		
3	16QAM	8	7	18.14	18.16	17.86		
3	16QAM	15	0	18.28	18.05	17.98		
3	64QAM	1	0	18.05	18.38	18.35	19.5	0
3	64QAM	1	8	18.11	18.35	18.08		
3	64QAM	1	14	18.08	18.19	17.95		
3	64QAM	8	0	18.22	18.21	17.80	19.5	0
3	64QAM	8	4	18.40	18.12	17.87		
3	64QAM	8	7	18.23	18.18	18.00		
3	64QAM	15	0	18.23	18.20	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.30	18.48	17.87	19.5	0
1.4	QPSK	1	3	18.34	18.10	17.73		
1.4	QPSK	1	5	18.03	18.00	17.81		
1.4	QPSK	3	0	18.34	18.29	18.09		
1.4	QPSK	3	1	18.25	18.11	17.93		
1.4	QPSK	3	3	18.17	18.03	18.05		
1.4	QPSK	6	0	18.23	18.20	17.92	19.5	0
1.4	16QAM	1	0	18.28	18.42	18.15	19.5	0
1.4	16QAM	1	3	18.26	18.33	18.00		
1.4	16QAM	1	5	18.34	17.92	17.95		
1.4	16QAM	3	0	18.31	18.07	17.97		
1.4	16QAM	3	1	18.36	17.99	17.94		
1.4	16QAM	3	3	18.19	18.06	17.86		
1.4	16QAM	6	0	18.24	18.12	17.94	19.5	0
1.4	64QAM	1	0	18.00	18.40	18.40	19.5	0
1.4	64QAM	1	3	18.16	18.29	18.09		
1.4	64QAM	1	5	17.99	18.22	17.91		
1.4	64QAM	3	0	18.18	18.16	17.87		
1.4	64QAM	3	1	18.40	18.09	17.87		
1.4	64QAM	3	3	18.18	18.10	17.98		
1.4	64QAM	6	0	18.21	18.19	17.86	19.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.35	20.54	20.34	21.2	0
20	QPSK	1	49	20.34	20.36	20.40		
20	QPSK	1	99	20.34	20.38	20.45		
20	QPSK	50	0	20.33	20.47	20.27	21.2	0
20	QPSK	50	24	20.42	20.33	20.45		
20	QPSK	50	50	20.45	20.37	20.42		
20	QPSK	100	0	20.36	20.43	20.42		
20	16QAM	1	0	20.22	19.95	20.31	21.2	0
20	16QAM	1	49	20.29	20.16	20.30		
20	16QAM	1	99	20.02	20.24	20.44		
20	16QAM	50	0	20.29	20.36	20.32	21.2	0
20	16QAM	50	24	20.31	20.37	20.45		
20	16QAM	50	50	20.50	20.41	20.52		
20	16QAM	100	0	20.06	19.87	20.03		
20	64QAM	1	0	19.83	20.24	20.01	21.2	0
20	64QAM	1	49	20.15	19.85	19.98		
20	64QAM	1	99	20.46	20.28	20.26		
20	64QAM	50	0	20.30	20.24	20.35	21.2	0
20	64QAM	50	24	20.50	20.32	20.47		
20	64QAM	50	50	20.47	20.46	20.51		
20	64QAM	100	0	20.39	20.28	20.34		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.19	20.49	20.18	21.2	0
15	QPSK	1	37	20.21	20.31	20.27		
15	QPSK	1	74	20.23	20.30	20.40		
15	QPSK	36	0	20.21	20.34	20.13	21.2	0
15	QPSK	36	20	20.27	20.25	20.39		
15	QPSK	36	39	20.36	20.23	20.35		
15	QPSK	75	0	20.24	20.33	20.33		
15	16QAM	1	0	20.12	19.90	20.25	21.2	0
15	16QAM	1	37	20.18	20.09	20.14		
15	16QAM	1	74	19.92	20.19	20.33		
15	16QAM	36	0	20.18	20.31	20.27	21.2	0
15	16QAM	36	20	20.17	20.30	20.39		
15	16QAM	36	39	20.42	20.27	20.46		
15	16QAM	75	0	19.92	19.75	19.89		
15	64QAM	1	0	19.73	20.10	19.96	21.2	0
15	64QAM	1	37	20.03	19.74	19.84		
15	64QAM	1	74	20.34	20.14	20.14		
15	64QAM	36	0	20.14	20.15	20.29	21.2	0
15	64QAM	36	20	20.35	20.18	20.38		
15	64QAM	36	39	20.31	20.30	20.40		
15	64QAM	75	0	20.25	20.20	20.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.26	20.47	20.19	21.2	0
10	QPSK	1	25	20.24	20.30	20.26		
10	QPSK	1	49	20.19	20.27	20.36		
10	QPSK	25	0	20.26	20.33	20.11	21.2	0
10	QPSK	25	12	20.32	20.24	20.33		
10	QPSK	25	25	20.33	20.23	20.27		
10	QPSK	50	0	20.22	20.27	20.28		
10	16QAM	1	0	20.09	19.89	20.16	21.2	0
10	16QAM	1	25	20.17	20.00	20.25		
10	16QAM	1	49	19.92	20.08	20.31		
10	16QAM	25	0	20.16	20.26	20.16	21.2	0
10	16QAM	25	12	20.21	20.27	20.36		
10	16QAM	25	25	20.43	20.30	20.40		
10	16QAM	50	0	19.95	19.74	19.96		
10	64QAM	1	0	19.68	20.16	19.86	21.2	0
10	64QAM	1	25	20.08	19.77	19.88		
10	64QAM	1	49	20.33	20.19	20.14		
10	64QAM	25	0	20.15	20.16	20.30	21.2	0
10	64QAM	25	12	20.41	20.22	20.39		
10	64QAM	25	25	20.42	20.37	20.37		
10	64QAM	50	0	20.24	20.16	20.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.29	20.43	20.20	21.2	0
5	QPSK	1	12	20.21	20.24	20.35		
5	QPSK	1	24	20.18	20.23	20.32		
5	QPSK	12	0	20.25	20.31	20.15	21.2	0
5	QPSK	12	7	20.32	20.28	20.31		
5	QPSK	12	13	20.40	20.25	20.30		
5	QPSK	25	0	20.21	20.27	20.29		
5	16QAM	1	0	20.14	19.83	20.24	21.2	0
5	16QAM	1	12	20.20	20.07	20.16		
5	16QAM	1	24	19.89	20.15	20.37		
5	16QAM	12	0	20.13	20.23	20.20	21.2	0
5	16QAM	12	7	20.21	20.29	20.34		
5	16QAM	12	13	20.45	20.35	20.38		
5	16QAM	25	0	20.00	19.82	19.91		
5	64QAM	1	0	19.78	20.09	19.87	21.2	0
5	64QAM	1	12	20.03	19.73	19.83		
5	64QAM	1	24	20.38	20.18	20.16		
5	64QAM	12	0	20.22	20.18	20.26	21.2	0
5	64QAM	12	7	20.35	20.20	20.34		
5	64QAM	12	13	20.34	20.30	20.37		
5	64QAM	25	0	20.29	20.22	20.26		

Band 38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.15	22.39	22.14	23	0
20	QPSK	1	49	22.09	22.24	22.35		
20	QPSK	1	99	22.29	22.20	22.33		
20	QPSK	50	0	22.19	22.39	22.26	23	0
20	QPSK	50	24	22.29	22.31	22.35		
20	QPSK	50	50	22.32	22.27	22.38		
20	QPSK	100	0	22.25	22.33	22.27		
20	16QAM	1	0	22.24	22.31	22.04	23	0
20	16QAM	1	49	22.15	22.22	22.26		
20	16QAM	1	99	22.28	22.18	22.38		
20	16QAM	50	0	22.07	22.27	22.19	23	0
20	16QAM	50	24	22.30	22.21	22.35		
20	16QAM	50	50	22.31	22.25	22.35		
20	16QAM	100	0	22.37	22.22	22.33		
20	64QAM	1	0	21.85	22.25	22.32	23	0
20	64QAM	1	49	22.33	21.95	22.16		
20	64QAM	1	99	22.33	22.20	22.13		
20	64QAM	50	0	21.07	21.22	21.24	22	1
20	64QAM	50	24	21.29	21.22	21.43		
20	64QAM	50	50	21.15	21.35	21.37		
20	64QAM	100	0	21.31	21.27	21.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.07	22.29	21.99	23	0
15	QPSK	1	37	22.04	22.11	22.29		
15	QPSK	1	74	22.15	22.11	22.20		
15	QPSK	36	0	22.07	22.27	22.20	23	0
15	QPSK	36	20	22.13	22.19	22.24		
15	QPSK	36	39	22.17	22.11	22.29		
15	QPSK	75	0	22.12	22.23	22.13		
15	16QAM	1	0	22.11	22.20	21.98	23	0
15	16QAM	1	37	22.03	22.07	22.17		
15	16QAM	1	74	22.21	22.05	22.27		
15	16QAM	36	0	21.91	22.12	22.06	23	0
15	16QAM	36	20	22.14	22.05	22.20		
15	16QAM	36	39	22.19	22.19	22.25		
15	16QAM	75	0	22.29	22.17	22.18		
15	64QAM	1	0	21.71	22.19	22.23	23	0
15	64QAM	1	37	22.26	21.89	22.10		
15	64QAM	1	74	22.20	22.06	22.08		
15	64QAM	36	0	21.01	21.08	21.14	22	1
15	64QAM	36	20	21.19	21.07	21.31		
15	64QAM	36	39	21.02	21.30	21.25		
15	64QAM	75	0	21.18	21.18	21.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.03	22.34	21.98	23	0
10	QPSK	1	25	22.00	22.18	22.23		
10	QPSK	1	49	22.13	22.14	22.17		
10	QPSK	25	0	22.11	22.27	22.16	23	0
10	QPSK	25	12	22.13	22.21	22.29		
10	QPSK	25	25	22.16	22.12	22.29		
10	QPSK	50	0	22.15	22.23	22.12		
10	16QAM	1	0	22.15	22.18	21.97	23	0
10	16QAM	1	25	22.07	22.14	22.14		
10	16QAM	1	49	22.16	22.07	22.24		
10	16QAM	25	0	22.00	22.11	22.09	23	0
10	16QAM	25	12	22.21	22.12	22.22		
10	16QAM	25	25	22.25	22.09	22.22		
10	16QAM	50	0	22.25	22.07	22.17		
10	64QAM	1	0	21.79	22.14	22.18	23	0
10	64QAM	1	25	22.26	21.83	22.11		
10	64QAM	1	49	22.21	22.12	21.99		
10	64QAM	25	0	20.97	21.06	21.12	22	1
10	64QAM	25	12	21.13	21.17	21.28		
10	64QAM	25	25	21.06	21.24	21.22		
10	64QAM	50	0	21.25	21.15	21.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.00	22.28	21.98	23	0
5	QPSK	1	12	22.02	22.09	22.25		
5	QPSK	1	24	22.24	22.09	22.27		
5	QPSK	12	0	22.04	22.32	22.15	23	0
5	QPSK	12	7	22.17	22.18	22.22		
5	QPSK	12	13	22.26	22.14	22.26		
5	QPSK	25	0	22.19	22.27	22.11		
5	16QAM	1	0	22.14	22.23	21.97	23	0
5	16QAM	1	12	22.03	22.06	22.19		
5	16QAM	1	24	22.20	22.12	22.32		
5	16QAM	12	0	21.91	22.18	22.09	23	0
5	16QAM	12	7	22.22	22.15	22.29		
5	16QAM	12	13	22.20	22.20	22.30		
5	16QAM	25	0	22.26	22.12	22.20		
5	64QAM	1	0	21.71	22.18	22.23	23	0
5	64QAM	1	12	22.28	21.88	22.02		
5	64QAM	1	24	22.25	22.05	22.08		
5	64QAM	12	0	20.92	21.13	21.11	22	1
5	64QAM	12	7	21.14	21.16	21.36		
5	64QAM	12	13	21.10	21.27	21.32		
5	64QAM	25	0	21.22	21.20	21.20		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.83	21.08	20.67	22.5	0
20	QPSK	1	49	20.82	20.97	20.85		
20	QPSK	1	99	20.90	20.87	20.76		
20	QPSK	50	0	20.89	20.99	20.86	22.5	0
20	QPSK	50	24	20.96	20.82	20.96		
20	QPSK	50	50	20.81	20.96	20.95		
20	QPSK	100	0	20.89	20.93	20.88		
20	16QAM	1	0	20.80	20.84	20.84	22.5	0
20	16QAM	1	49	20.77	20.81	20.70		
20	16QAM	1	99	20.78	20.92	21.05		
20	16QAM	50	0	20.78	20.79	20.95	22.5	0
20	16QAM	50	24	20.98	20.90	20.91		
20	16QAM	50	50	20.88	20.94	21.05		
20	16QAM	100	0	20.89	20.82	21.02		
20	64QAM	1	0	20.76	20.83	20.88	22.5	0
20	64QAM	1	49	21.05	20.77	20.87		
20	64QAM	1	99	20.81	20.86	21.00		
20	64QAM	50	0	19.75	19.80	19.89	21.5	1
20	64QAM	50	24	19.83	19.88	19.93		
20	64QAM	50	50	19.92	19.90	19.99		
20	64QAM	100	0	19.86	19.84	19.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.76	21.01	20.55	22.5	0
15	QPSK	1	37	20.76	20.82	20.80		
15	QPSK	1	74	20.78	20.79	20.60		
15	QPSK	36	0	20.73	20.92	20.71	22.5	0
15	QPSK	36	20	20.83	20.67	20.89		
15	QPSK	36	39	20.76	20.89	20.85		
15	QPSK	75	0	20.80	20.77	20.73		
15	16QAM	1	0	20.66	20.69	20.69	22.5	0
15	16QAM	1	37	20.69	20.73	20.56		
15	16QAM	1	74	20.67	20.79	20.96		
15	16QAM	36	0	20.62	20.72	20.85	22.5	0
15	16QAM	36	20	20.89	20.76	20.75		
15	16QAM	36	39	20.78	20.78	20.93		
15	16QAM	75	0	20.80	20.72	20.96		
15	64QAM	1	0	20.63	20.67	20.77	22.5	0
15	64QAM	1	37	20.98	20.65	20.73		
15	64QAM	1	74	20.67	20.71	20.86		
15	64QAM	36	0	19.68	19.68	19.75	21.5	1
15	64QAM	36	20	19.68	19.78	19.84		
15	64QAM	36	39	19.78	19.83	19.83		
15	64QAM	75	0	19.80	19.78	19.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.69	21.02	20.58	22.5	0
10	QPSK	1	25	20.66	20.82	20.79		
10	QPSK	1	49	20.80	20.74	20.68		
10	QPSK	25	0	20.73	20.86	20.80	22.5	0
10	QPSK	25	12	20.80	20.66	20.80		
10	QPSK	25	25	20.66	20.81	20.85		
10	QPSK	50	0	20.80	20.88	20.78		
10	16QAM	1	0	20.72	20.75	20.68	22.5	0
10	16QAM	1	25	20.66	20.76	20.57		
10	16QAM	1	49	20.66	20.82	20.98		
10	16QAM	25	0	20.65	20.65	20.84	22.5	0
10	16QAM	25	12	20.83	20.85	20.80		
10	16QAM	25	25	20.82	20.81	20.95		
10	16QAM	50	0	20.76	20.68	20.95		
10	64QAM	1	0	20.67	20.70	20.72	22.5	0
10	64QAM	1	25	20.92	20.71	20.74		
10	64QAM	1	49	20.69	20.70	20.90		
10	64QAM	25	0	19.64	19.67	19.84	21.5	1
10	64QAM	25	12	19.77	19.73	19.84		
10	64QAM	25	25	19.76	19.76	19.83		
10	64QAM	50	0	19.73	19.70	19.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.69	20.99	20.62	22.5	0
5	QPSK	1	12	20.74	20.92	20.75		
5	QPSK	1	24	20.78	20.79	20.63		
5	QPSK	12	0	20.79	20.90	20.70	22.5	0
5	QPSK	12	7	20.87	20.73	20.83		
5	QPSK	12	13	20.66	20.84	20.84		
5	QPSK	25	0	20.74	20.83	20.81		
5	16QAM	1	0	20.65	20.79	20.76	22.5	0
5	16QAM	1	12	20.68	20.65	20.60		
5	16QAM	1	24	20.69	20.83	20.94		
5	16QAM	12	0	20.67	20.73	20.83	22.5	0
5	16QAM	12	7	20.89	20.77	20.80		
5	16QAM	12	13	20.75	20.89	20.89		
5	16QAM	25	0	20.75	20.77	20.86		
5	64QAM	1	0	20.60	20.71	20.81	22.5	0
5	64QAM	1	12	20.93	20.66	20.81		
5	64QAM	1	24	20.73	20.78	20.91		
5	64QAM	12	0	19.62	19.74	19.78	21.5	1
5	64QAM	12	7	19.68	19.76	19.77		
5	64QAM	12	13	19.87	19.84	19.85		
5	64QAM	25	0	19.77	19.71	19.80		

Band 41_Ant 13

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	20.35	20.23	20.52	20.32	20.35	21	0
20	QPSK	1	49	20.30	20.21	20.15	20.24	20.05		
20	QPSK	1	99	20.27	20.22	20.19	20.26	20.08		
20	QPSK	50	0	20.42	20.41	20.44	20.40	20.26	21	0
20	QPSK	50	24	20.40	20.38	20.19	20.37	20.12		
20	QPSK	50	50	20.39	20.34	20.30	20.35	20.23		
20	QPSK	100	0	20.35	20.38	20.45	20.31	20.14		
20	16QAM	1	0	20.27	20.35	20.41	20.37	20.37	21	0
20	16QAM	1	49	20.39	20.36	20.36	20.44	20.37		
20	16QAM	1	99	20.38	20.17	20.44	20.44	20.46		
20	16QAM	50	0	20.28	20.40	20.26	20.34	20.21	21	0
20	16QAM	50	24	20.41	20.41	20.20	20.40	20.23		
20	16QAM	50	50	20.43	20.42	20.34	20.33	20.26		
20	16QAM	100	0	20.49	20.47	20.18	20.31	20.15		
20	64QAM	1	0	20.49	20.42	20.41	20.46	20.35	21	0
20	64QAM	1	49	20.00	20.35	20.39	20.42	20.39		
20	64QAM	1	99	20.42	20.46	20.37	20.22	20.49		
20	64QAM	50	0	20.40	20.22	20.37	20.26	20.24	21	0
20	64QAM	50	24	20.35	20.37	20.19	20.41	20.22		
20	64QAM	50	50	20.38	20.40	20.29	20.32	20.20		
20	64QAM	100	0	20.46	20.45	20.30	20.24	20.25		
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	20.23	20.11	20.42	20.23	20.27	21	0
15	QPSK	1	37	20.14	20.05	20.07	20.13	19.98		
15	QPSK	1	74	20.16	20.16	20.08	20.14	20.00		
15	QPSK	36	0	20.32	20.28	20.36	20.35	20.16	21	0
15	QPSK	36	20	20.31	20.27	20.06	20.30	20.02		
15	QPSK	36	39	20.23	20.21	20.24	20.20	20.13		
15	QPSK	75	0	20.29	20.26	20.32	20.26	20.07		
15	16QAM	1	0	20.15	20.23	20.35	20.25	20.29	21	0
15	16QAM	1	37	20.27	20.25	20.22	20.37	20.21		
15	16QAM	1	74	20.26	20.12	20.29	20.29	20.31		
15	16QAM	36	0	20.18	20.33	20.20	20.27	20.11	21	0
15	16QAM	36	20	20.31	20.31	20.12	20.30	20.10		
15	16QAM	36	39	20.36	20.35	20.25	20.23	20.21		
15	16QAM	75	0	20.33	20.34	20.10	20.23	20.01		
15	64QAM	1	0	20.37	20.37	20.29	20.34	20.19	21	0
15	64QAM	1	37	19.85	20.23	20.28	20.30	20.28		
15	64QAM	1	74	20.36	20.33	20.24	20.12	20.41		
15	64QAM	36	0	20.29	20.06	20.26	20.14	20.18	21	0
15	64QAM	36	20	20.30	20.25	20.11	20.34	20.07		
15	64QAM	36	39	20.23	20.28	20.20	20.22	20.06		
15	64QAM	75	0	20.37	20.39	20.16	20.14	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.29	20.17	20.45	20.16	20.23	21	0
10	QPSK	1	25	20.22	20.06	20.05	20.09	19.96		
10	QPSK	1	49	20.11	20.10	20.04	20.16	19.96		
10	QPSK	25	0	20.29	20.25	20.31	20.33	20.13	21	0
10	QPSK	25	12	20.34	20.22	20.14	20.28	19.99		
10	QPSK	25	25	20.24	20.20	20.19	20.23	20.13		
10	QPSK	50	0	20.30	20.29	20.29	20.24	20.07		
10	16QAM	1	0	20.12	20.28	20.31	20.21	20.22	21	0
10	16QAM	1	25	20.28	20.22	20.22	20.31	20.31		
10	16QAM	1	49	20.22	20.12	20.34	20.33	20.32		
10	16QAM	25	0	20.17	20.30	20.20	20.23	20.09	21	0
10	16QAM	25	12	20.29	20.29	20.13	20.24	20.11		
10	16QAM	25	25	20.28	20.29	20.21	20.23	20.12		
10	16QAM	50	0	20.39	20.39	20.03	20.22	20.06		
10	64QAM	1	0	20.35	20.36	20.31	20.33	20.25	21	0
10	64QAM	1	25	19.93	20.22	20.28	20.34	20.30		
10	64QAM	1	49	20.28	20.33	20.22	20.06	20.43		
10	64QAM	25	0	20.27	20.17	20.25	20.10	20.17	21	0
10	64QAM	25	12	20.21	20.27	20.06	20.26	20.17		
10	64QAM	25	25	20.32	20.27	20.19	20.18	20.13		
10	64QAM	50	0	20.39	20.34	20.25	20.10	20.17		
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	20.20	20.15	20.44	20.19	20.25	21	0
5	QPSK	1	12	20.19	20.16	20.08	20.11	19.93		
5	QPSK	1	24	20.18	20.09	20.07	20.18	19.96		
5	QPSK	12	0	20.29	20.27	20.38	20.28	20.16	21	0
5	QPSK	12	7	20.31	20.30	20.11	20.32	20.05		
5	QPSK	12	13	20.30	20.18	20.17	20.30	20.12		
5	QPSK	25	0	20.23	20.28	20.31	20.24	19.98		
5	16QAM	1	0	20.11	20.24	20.32	20.23	20.32	21	0
5	16QAM	1	12	20.24	20.23	20.22	20.30	20.25		
5	16QAM	1	24	20.27	20.01	20.29	20.32	20.38		
5	16QAM	12	0	20.14	20.30	20.15	20.28	20.06	21	0
5	16QAM	12	7	20.32	20.27	20.15	20.28	20.18		
5	16QAM	12	13	20.28	20.35	20.26	20.18	20.21		
5	16QAM	25	0	20.33	20.37	20.07	20.26	20.10		
5	64QAM	1	0	20.36	20.28	20.30	20.32	20.21	21	0
5	64QAM	1	12	19.94	20.25	20.28	20.35	20.29		
5	64QAM	1	24	20.31	20.40	20.25	20.10	20.34		
5	64QAM	12	0	20.25	20.08	20.21	20.19	20.19	21	0
5	64QAM	12	7	20.28	20.29	20.05	20.32	20.06		
5	64QAM	12	13	20.29	20.30	20.17	20.19	20.10		
5	64QAM	25	0	20.38	20.35	20.15	20.10	20.11		

Band 41_Ant 31

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	22.16	22.25	22.38	22.31	22.26	23	0
20	QPSK	1	49	21.90	22.11	22.14	22.14	22.05		
20	QPSK	1	99	21.93	22.04	22.09	21.98	22.25		
20	QPSK	50	0	22.21	22.20	22.28	22.19	22.21	23	0
20	QPSK	50	24	22.18	22.08	22.15	22.18	22.09		
20	QPSK	50	50	22.13	22.14	22.17	22.16	22.19		
20	QPSK	100	0	22.17	22.21	22.23	22.17	22.13		
20	16QAM	1	0	22.26	21.87	22.32	21.99	22.01	23	0
20	16QAM	1	49	21.93	21.75	22.22	22.35	22.30		
20	16QAM	1	99	21.96	21.98	21.97	22.26	21.86		
20	16QAM	50	0	21.81	21.79	21.88	21.86	21.82	23	0
20	16QAM	50	24	21.89	21.93	21.87	21.98	21.91		
20	16QAM	50	50	21.80	21.99	21.99	21.94	21.94		
20	16QAM	100	0	21.81	21.96	21.81	21.90	21.87		
20	64QAM	1	0	21.56	21.79	22.35	21.96	22.00	23	0
20	64QAM	1	49	22.08	21.76	22.18	22.32	22.04		
20	64QAM	1	99	21.78	21.76	22.07	22.27	22.17		
20	64QAM	50	0	21.13	21.14	21.12	21.12	21.19	22	1
20	64QAM	50	24	21.24	21.26	21.14	21.17	21.19		
20	64QAM	50	50	21.07	21.37	21.23	21.28	21.14		
20	64QAM	100	0	21.06	21.25	20.97	21.29	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	22.00	22.11	22.25	22.23	22.16	23	0
15	QPSK	1	37	21.77	21.96	22.05	22.02	21.99		
15	QPSK	1	74	21.80	21.90	21.94	21.83	22.18		
15	QPSK	36	0	22.13	22.13	22.14	22.04	22.15	23	0
15	QPSK	36	20	22.12	21.93	22.00	22.11	21.93		
15	QPSK	36	39	22.00	22.00	22.05	22.11	22.09		
15	QPSK	75	0	22.11	22.11	22.07	22.12	22.04		
15	16QAM	1	0	22.21	21.81	22.25	21.83	21.88	23	0
15	16QAM	1	37	21.80	21.67	22.14	22.30	22.15		
15	16QAM	1	74	21.83	21.88	21.92	22.18	21.72		
15	16QAM	36	0	21.68	21.67	21.78	21.74	21.66	23	0
15	16QAM	36	20	21.75	21.83	21.80	21.85	21.79		
15	16QAM	36	39	21.65	21.92	21.91	21.87	21.83		
15	16QAM	75	0	21.65	21.89	21.66	21.76	21.80		
15	64QAM	1	0	21.49	21.73	22.24	21.80	21.85	23	0
15	64QAM	1	37	22.03	21.68	22.11	22.24	21.97		
15	64QAM	1	74	21.70	21.65	21.99	22.13	22.04		
15	64QAM	36	0	21.06	21.01	21.00	20.99	21.06	22	1
15	64QAM	36	20	21.15	21.15	21.03	21.07	21.12		
15	64QAM	36	39	20.91	21.24	21.13	21.16	21.05		
15	64QAM	75	0	20.95	21.15	20.92	21.23	20.97		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.03	22.09	22.30	22.16	22.19	23	0
10	QPSK	1	25	21.83	21.95	22.02	22.05	21.99		
10	QPSK	1	49	21.82	21.88	21.99	21.93	22.11		
10	QPSK	25	0	22.13	22.06	22.21	22.14	22.12	23	0
10	QPSK	25	12	22.09	21.99	22.08	22.05	21.93		
10	QPSK	25	25	21.99	22.08	22.03	22.00	22.10		
10	QPSK	50	0	22.07	22.06	22.12	22.02	21.98		
10	16QAM	1	0	22.20	21.71	22.24	21.87	21.93	23	0
10	16QAM	1	25	21.78	21.65	22.08	22.30	22.14		
10	16QAM	1	49	21.85	21.85	21.92	22.16	21.73		
10	16QAM	25	0	21.66	21.63	21.77	21.72	21.68	23	0
10	16QAM	25	12	21.76	21.83	21.76	21.88	21.86		
10	16QAM	25	25	21.64	21.92	21.83	21.79	21.88		
10	16QAM	50	0	21.76	21.85	21.68	21.79	21.71		
10	64QAM	1	0	21.42	21.64	22.28	21.90	21.84	23	0
10	64QAM	1	25	22.00	21.64	22.13	22.18	21.93		
10	64QAM	1	49	21.64	21.61	21.95	22.20	22.01		
10	64QAM	25	0	20.98	21.03	20.98	21.01	21.03	22	1
10	64QAM	25	12	21.09	21.21	21.00	21.06	21.04		
10	64QAM	25	25	20.96	21.26	21.16	21.13	20.98		
10	64QAM	50	0	20.93	21.19	20.82	21.15	21.07		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.06	22.19	22.27	22.15	22.15	23	0
5	QPSK	1	12	21.83	21.96	22.07	22.03	21.96		
5	QPSK	1	24	21.78	21.95	22.00	21.85	22.12		
5	QPSK	12	0	22.10	22.12	22.13	22.08	22.09	23	0
5	QPSK	12	7	22.11	21.99	22.00	22.10	22.01		
5	QPSK	12	13	21.97	22.09	22.03	22.02	22.13		
5	QPSK	25	0	22.08	22.10	22.17	22.02	22.02		
5	16QAM	1	0	22.17	21.76	22.20	21.91	21.94	23	0
5	16QAM	1	12	21.86	21.64	22.11	22.24	22.24		
5	16QAM	1	24	21.91	21.88	21.86	22.12	21.79		
5	16QAM	12	0	21.66	21.64	21.79	21.72	21.69	23	0
5	16QAM	12	7	21.79	21.84	21.74	21.88	21.83		
5	16QAM	12	13	21.64	21.90	21.89	21.89	21.84		
5	16QAM	25	0	21.74	21.89	21.66	21.81	21.82		
5	64QAM	1	0	21.40	21.73	22.26	21.84	21.88	23	0
5	64QAM	1	12	21.95	21.63	22.07	22.26	21.99		
5	64QAM	1	24	21.65	21.60	22.00	22.19	22.03		
5	64QAM	12	0	20.99	20.99	20.97	20.97	21.05	22	1
5	64QAM	12	7	21.13	21.21	21.07	21.01	21.11		
5	64QAM	12	13	20.94	21.26	21.18	21.12	21.05		
5	64QAM	25	0	20.99	21.20	20.90	21.16	21.03		

Band 41_Ant 25

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	20.68	20.73	20.99	20.80	20.73	22.5	0
20	QPSK	1	49	20.60	20.71	20.84	20.72	20.65		
20	QPSK	1	99	20.50	20.63	20.76	20.66	20.71		
20	QPSK	50	0	20.77	20.86	20.92	20.91	20.86	22.5	0
20	QPSK	50	24	20.73	20.81	20.84	20.86	20.76		
20	QPSK	50	50	20.73	20.77	20.85	20.88	20.79		
20	QPSK	100	0	20.79	20.83	20.86	20.79	20.79		
20	16QAM	1	0	20.73	20.91	20.84	20.97	20.97	22.5	0
20	16QAM	1	49	20.84	20.83	20.80	20.96	20.95		
20	16QAM	1	99	20.70	20.98	20.92	20.89	20.98		
20	16QAM	50	0	20.58	20.71	20.78	20.91	20.95	22.5	0
20	16QAM	50	24	20.83	20.88	20.89	20.80	20.77		
20	16QAM	50	50	20.74	20.78	20.86	20.86	20.81		
20	16QAM	100	0	20.71	20.77	20.76	20.87	20.78		
20	64QAM	1	0	20.84	20.81	20.85	20.92	20.84	22.5	0
20	64QAM	1	49	20.91	20.82	20.70	20.94	20.81		
20	64QAM	1	99	20.77	20.98	20.83	20.88	20.98		
20	64QAM	50	0	19.73	19.67	19.78	19.82	19.76	21.5	1
20	64QAM	50	24	19.75	19.85	19.72	19.85	19.73		
20	64QAM	50	50	19.69	19.78	19.82	19.92	19.92		
20	64QAM	100	0	19.79	19.81	19.73	19.93	19.91		
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	20.54	20.62	20.91	20.73	20.60	22.50	0
15	QPSK	1	37	20.52	20.60	20.75	20.59	20.51		
15	QPSK	1	74	20.53	20.52	20.63	20.55	20.59		
15	QPSK	36	0	20.68	20.77	20.78	20.84	20.76	22.5	0
15	QPSK	36	20	20.68	20.72	20.72	20.74	20.69		
15	QPSK	36	39	20.57	20.66	20.80	20.79	20.73		
15	QPSK	75	0	20.64	20.69	20.75	20.74	20.74		
15	16QAM	1	0	20.65	20.76	20.75	20.85	20.90	22.5	0
15	16QAM	1	37	20.69	20.68	20.68	20.83	20.83		
15	16QAM	1	74	20.64	20.93	20.82	20.78	20.89		
15	16QAM	36	0	20.58	20.66	20.69	20.85	20.89	22.5	0
15	16QAM	36	20	20.68	20.74	20.74	20.73	20.72		
15	16QAM	36	39	20.68	20.68	20.73	20.76	20.67		
15	16QAM	75	0	20.56	20.63	20.69	20.77	20.72		
15	64QAM	1	0	20.74	20.74	20.80	20.79	20.76	22.5	0
15	64QAM	1	37	20.83	20.76	20.54	20.83	20.70		
15	64QAM	1	74	20.68	20.89	20.76	20.78	20.84		
15	64QAM	36	0	19.63	19.58	19.73	19.67	19.70	21.5	1
15	64QAM	36	20	19.66	19.77	19.62	19.73	19.67		
15	64QAM	36	39	19.60	19.68	19.70	19.78	19.77		
15	64QAM	75	0	19.70	19.67	19.66	19.87	19.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.53	20.65	20.84	20.73	20.67	22.50	0
10	QPSK	1	25	20.56	20.64	20.72	20.65	20.58		
10	QPSK	1	49	20.59	20.51	20.69	20.54	20.59		
10	QPSK	25	0	20.65	20.79	20.79	20.83	20.80	22.5	0
10	QPSK	25	12	20.66	20.71	20.79	20.71	20.69		
10	QPSK	25	25	20.66	20.69	20.77	20.72	20.65		
10	QPSK	50	0	20.71	20.73	20.71	20.73	20.71		
10	16QAM	1	0	20.68	20.86	20.71	20.83	20.83	22.5	0
10	16QAM	1	25	20.70	20.74	20.75	20.90	20.84		
10	16QAM	1	49	20.55	20.86	20.82	20.74	20.83		
10	16QAM	25	0	20.57	20.60	20.73	20.76	20.89	22.5	0
10	16QAM	25	12	20.77	20.78	20.74	20.75	20.64		
10	16QAM	25	25	20.59	20.63	20.80	20.80	20.75		
10	16QAM	50	0	20.63	20.68	20.62	20.76	20.69		
10	64QAM	1	0	20.79	20.71	20.76	20.80	20.76	22.5	0
10	64QAM	1	25	20.81	20.77	20.63	20.85	20.76		
10	64QAM	1	49	20.65	20.87	20.73	20.78	20.85		
10	64QAM	25	0	19.68	19.55	19.70	19.74	19.68	21.5	1
10	64QAM	25	12	19.61	19.75	19.63	19.79	19.64		
10	64QAM	25	25	19.59	19.70	19.74	19.76	19.83		
10	64QAM	50	0	19.74	19.73	19.61	19.87	19.79		
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	20.53	20.64	20.90	20.73	20.64	22.50	0
5	QPSK	1	12	20.51	20.66	20.71	20.60	20.54		
5	QPSK	1	24	20.56	20.53	20.68	20.51	20.60		
5	QPSK	12	0	20.72	20.78	20.84	20.83	20.78	22.5	0
5	QPSK	12	7	20.58	20.70	20.72	20.72	20.60		
5	QPSK	12	13	20.58	20.70	20.75	20.78	20.63		
5	QPSK	25	0	20.73	20.70	20.72	20.63	20.65		
5	16QAM	1	0	20.57	20.85	20.72	20.92	20.92	22.5	0
5	16QAM	1	12	20.75	20.77	20.68	20.88	20.89		
5	16QAM	1	24	20.62	20.89	20.81	20.77	20.87		
5	16QAM	12	0	20.52	20.65	20.69	20.81	20.89	22.5	0
5	16QAM	12	7	20.70	20.78	20.76	20.70	20.63		
5	16QAM	12	13	20.64	20.66	20.77	20.73	20.65		
5	16QAM	25	0	20.61	20.72	20.64	20.80	20.72		
5	64QAM	1	0	20.75	20.66	20.72	20.82	20.71	22.5	0
5	64QAM	1	12	20.82	20.67	20.62	20.86	20.65		
5	64QAM	1	24	20.70	20.91	20.68	20.74	20.83		
5	64QAM	12	0	19.63	19.57	19.67	19.77	19.60	21.5	1
5	64QAM	12	7	19.60	19.70	19.61	19.75	19.65		
5	64QAM	12	13	19.57	19.70	19.69	19.86	19.87		
5	64QAM	25	0	19.67	19.75	19.58	19.88	19.81		

Reduced Power for DSI 8

Band 2_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	9.22	9.36	9.17	10.5	0
20	QPSK	1	49	9.08	9.01	9.13		
20	QPSK	1	99	9.04	9.10	9.01		
20	QPSK	50	0	9.27	9.30	9.24	10.5	0
20	QPSK	50	24	9.26	9.20	9.19		
20	QPSK	50	50	9.11	9.12	9.13		
20	QPSK	100	0	9.19	9.20	9.17		
20	16QAM	1	0	9.16	9.17	8.96	10.5	0
20	16QAM	1	49	9.07	9.15	8.92		
20	16QAM	1	99	9.02	9.07	9.20		
20	16QAM	50	0	8.85	8.86	8.77	10.5	0
20	16QAM	50	24	8.85	8.84	8.90		
20	16QAM	50	50	8.80	8.83	8.76		
20	16QAM	100	0	8.84	8.82	8.85		
20	64QAM	1	0	9.08	9.01	8.98	10.5	0
20	64QAM	1	49	9.34	9.15	8.79		
20	64QAM	1	99	8.85	9.07	8.91		
20	64QAM	50	0	8.91	8.83	8.84	10.5	0
20	64QAM	50	24	8.79	8.88	8.81		
20	64QAM	50	50	8.76	8.87	8.88		
20	64QAM	100	0	8.75	8.84	8.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	9.11	9.26	9.04	10.5	0
15	QPSK	1	37	8.99	8.87	8.98		
15	QPSK	1	74	8.96	8.98	8.86		
15	QPSK	36	0	9.20	9.16	9.12	10.5	0
15	QPSK	36	20	9.15	9.15	9.12		
15	QPSK	36	39	9.02	8.98	8.99		
15	QPSK	75	0	9.14	9.14	9.09		
15	16QAM	1	0	9.06	9.09	8.82	10.5	0
15	16QAM	1	37	8.92	9.02	8.79		
15	16QAM	1	74	8.91	9.02	9.04		
15	16QAM	36	0	8.76	8.81	8.71	10.5	0
15	16QAM	36	20	8.73	8.75	8.81		
15	16QAM	36	39	8.65	8.78	8.66		
15	16QAM	75	0	8.72	8.69	8.72		
15	64QAM	1	0	8.92	8.94	8.84	10.5	0
15	64QAM	1	37	9.18	9.10	8.73		
15	64QAM	1	74	8.74	8.91	8.82		
15	64QAM	36	0	8.77	8.72	8.79	10.5	0
15	64QAM	36	20	8.74	8.80	8.74		
15	64QAM	36	39	8.65	8.80	8.80		
15	64QAM	75	0	8.68	8.75	8.69		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	9.10	9.26	9.12	10.5	0
10	QPSK	1	25	9.01	8.94	8.99		
10	QPSK	1	49	8.95	9.02	8.94		
10	QPSK	25	0	9.12	9.14	9.12	10.5	0
10	QPSK	25	12	9.21	9.15	9.05		
10	QPSK	25	25	8.96	8.98	9.03		
10	QPSK	50	0	9.05	9.09	9.12		
10	16QAM	1	0	9.05	9.11	8.86	10.5	0
10	16QAM	1	25	8.95	9.00	8.79		
10	16QAM	1	49	8.94	8.94	9.07		
10	16QAM	25	0	8.71	8.75	8.66	10.5	0
10	16QAM	25	12	8.75	8.77	8.84		
10	16QAM	25	25	8.66	8.73	8.61		
10	16QAM	50	0	8.75	8.70	8.74		
10	64QAM	1	0	9.03	8.87	8.85	10.5	0
10	64QAM	1	25	9.24	9.07	8.70		
10	64QAM	1	49	8.77	8.99	8.77		
10	64QAM	25	0	8.77	8.72	8.72	10.5	0
10	64QAM	25	12	8.64	8.83	8.65		
10	64QAM	25	25	8.60	8.71	8.81		
10	64QAM	50	0	8.59	8.73	8.70		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	9.07	9.27	9.11	10.5	0
5	QPSK	1	12	8.94	8.95	9.07		
5	QPSK	1	24	8.91	9.02	8.89		
5	QPSK	12	0	9.15	9.15	9.10	10.5	0
5	QPSK	12	7	9.19	9.05	9.09		
5	QPSK	12	13	9.02	9.07	9.06		
5	QPSK	25	0	9.07	9.13	9.04		
5	16QAM	1	0	9.06	9.02	8.80	10.5	0
5	16QAM	1	12	8.96	8.99	8.78		
5	16QAM	1	24	8.93	8.91	9.12		
5	16QAM	12	0	8.77	8.71	8.63	10.5	0
5	16QAM	12	7	8.70	8.77	8.75		
5	16QAM	12	13	8.74	8.78	8.69		
5	16QAM	25	0	8.68	8.75	8.71		
5	64QAM	1	0	8.98	8.93	8.82	10.5	0
5	64QAM	1	12	9.29	9.02	8.74		
5	64QAM	1	24	8.79	8.98	8.76		
5	64QAM	12	0	8.76	8.71	8.70	10.5	0
5	64QAM	12	7	8.66	8.73	8.69		
5	64QAM	12	13	8.66	8.79	8.81		
5	64QAM	25	0	8.63	8.70	8.62		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	9.16	9.25	9.01	10.5	0
3	QPSK	1	8	9.03	8.92	9.05		
3	QPSK	1	14	8.88	8.94	8.88		
3	QPSK	8	0	9.18	9.16	9.12	10.5	0
3	QPSK	8	4	9.12	9.12	9.07		
3	QPSK	8	7	9.01	8.96	8.99		
3	QPSK	15	0	9.10	9.04	9.09		
3	16QAM	1	0	9.07	9.12	8.88	10.5	0
3	16QAM	1	8	9.02	9.08	8.76		
3	16QAM	1	14	8.89	9.01	9.05		
3	16QAM	8	0	8.76	8.81	8.71	10.5	0
3	16QAM	8	4	8.77	8.70	8.80		
3	16QAM	8	7	8.72	8.77	8.67		
3	16QAM	15	0	8.72	8.75	8.75		
3	64QAM	1	0	8.95	8.95	8.91	10.5	0
3	64QAM	1	8	9.23	9.01	8.63		
3	64QAM	1	14	8.79	9.00	8.79		
3	64QAM	8	0	8.84	8.76	8.74	10.5	0
3	64QAM	8	4	8.69	8.81	8.74		
3	64QAM	8	7	8.67	8.75	8.80		
3	64QAM	15	0	8.64	8.76	8.60		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	9.10	9.27	9.01	10.5	0
1.4	QPSK	1	3	8.97	8.92	8.99		
1.4	QPSK	1	5	8.96	8.99	8.91		
1.4	QPSK	3	0	9.12	9.19	9.14		
1.4	QPSK	3	1	9.15	9.09	9.07		
1.4	QPSK	3	3	9.02	8.99	8.97		
1.4	QPSK	6	0	9.03	9.11	9.07	10.5	0
1.4	16QAM	1	0	9.06	9.09	8.91	10.5	0
1.4	16QAM	1	3	8.96	9.05	8.83		
1.4	16QAM	1	5	8.93	8.97	9.11		
1.4	16QAM	3	0	8.79	8.74	8.72		
1.4	16QAM	3	1	8.72	8.75	8.79		
1.4	16QAM	3	3	8.69	8.72	8.63		
1.4	16QAM	6	0	8.75	8.70	8.77	10.5	0
1.4	64QAM	1	0	8.98	8.96	8.85	10.5	0
1.4	64QAM	1	3	9.25	8.99	8.69		
1.4	64QAM	1	5	8.74	8.98	8.78		
1.4	64QAM	3	0	8.84	8.72	8.69		
1.4	64QAM	3	1	8.72	8.80	8.69		
1.4	64QAM	3	3	8.61	8.71	8.75		
1.4	64QAM	6	0	8.68	8.71	8.63	10.5	0

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.44	13.67	13.60	14.5	0
20	QPSK	1	49	13.39	13.30	13.50		
20	QPSK	1	99	13.13	13.37	13.40		
20	QPSK	50	0	13.50	13.58	13.55	14.5	0
20	QPSK	50	24	13.46	13.40	13.54		
20	QPSK	50	50	13.39	13.43	13.45		
20	QPSK	100	0	13.47	13.54	13.42		
20	16QAM	1	0	13.17	13.08	13.16	14.5	0
20	16QAM	1	49	13.25	13.44	13.50		
20	16QAM	1	99	13.06	13.26	13.25		
20	16QAM	50	0	12.91	12.87	12.95	14.5	0
20	16QAM	50	24	12.98	12.93	13.02		
20	16QAM	50	50	12.98	12.88	13.08		
20	16QAM	100	0	12.94	12.88	12.90		
20	64QAM	1	0	13.09	13.22	13.35	14.5	0
20	64QAM	1	49	12.95	13.10	13.36		
20	64QAM	1	99	12.84	13.43	13.13		
20	64QAM	50	0	12.97	12.96	13.12	14.5	0
20	64QAM	50	24	12.93	13.00	13.07		
20	64QAM	50	50	12.96	12.95	13.12		
20	64QAM	100	0	12.94	12.96	13.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.34	13.51	13.51	14.5	0
15	QPSK	1	37	13.33	13.19	13.43		
15	QPSK	1	74	13.02	13.31	13.30		
15	QPSK	36	0	13.35	13.50	13.49	14.5	0
15	QPSK	36	20	13.30	13.28	13.40		
15	QPSK	36	39	13.33	13.38	13.37		
15	QPSK	75	0	13.34	13.39	13.28		
15	16QAM	1	0	13.02	12.98	13.07	14.5	0
15	16QAM	1	37	13.18	13.29	13.42		
15	16QAM	1	74	12.93	13.14	13.20		
15	16QAM	36	0	12.81	12.71	12.83	14.5	0
15	16QAM	36	20	12.91	12.77	12.95		
15	16QAM	36	39	12.90	12.73	12.93		
15	16QAM	75	0	12.86	12.81	12.81		
15	64QAM	1	0	12.98	13.08	13.27	14.5	0
15	64QAM	1	37	12.90	13.03	13.25		
15	64QAM	1	74	12.75	13.32	13.04		
15	64QAM	36	0	12.83	12.91	13.06	14.5	0
15	64QAM	36	20	12.85	12.84	13.01		
15	64QAM	36	39	12.88	12.80	12.97		
15	64QAM	75	0	12.78	12.83	13.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.38	13.60	13.44	14.5	0
10	QPSK	1	25	13.32	13.20	13.35		
10	QPSK	1	49	13.06	13.31	13.26		
10	QPSK	25	0	13.45	13.52	13.47	14.5	0
10	QPSK	25	12	13.32	13.32	13.41		
10	QPSK	25	25	13.29	13.31	13.33		
10	QPSK	50	0	13.35	13.38	13.32		
10	16QAM	1	0	13.05	12.94	13.11	14.5	0
10	16QAM	1	25	13.18	13.32	13.34		
10	16QAM	1	49	12.96	13.18	13.16		
10	16QAM	25	0	12.76	12.75	12.85	14.5	0
10	16QAM	25	12	12.92	12.82	12.94		
10	16QAM	25	25	12.93	12.73	12.94		
10	16QAM	50	0	12.85	12.73	12.85		
10	64QAM	1	0	12.95	13.08	13.20	14.5	0
10	64QAM	1	25	12.88	12.95	13.21		
10	64QAM	1	49	12.73	13.32	13.06		
10	64QAM	25	0	12.88	12.87	13.06	14.5	0
10	64QAM	25	12	12.86	12.94	12.92		
10	64QAM	25	25	12.91	12.81	12.98		
10	64QAM	50	0	12.88	12.82	12.97		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.30	13.61	13.51	14.5	0
5	QPSK	1	12	13.28	13.21	13.42		
5	QPSK	1	24	13.06	13.31	13.33		
5	QPSK	12	0	13.41	13.42	13.47	14.5	0
5	QPSK	12	7	13.32	13.24	13.48		
5	QPSK	12	13	13.34	13.35	13.31		
5	QPSK	25	0	13.38	13.41	13.35		
5	16QAM	1	0	13.10	12.96	13.03	14.5	0
5	16QAM	1	12	13.13	13.28	13.45		
5	16QAM	1	24	12.94	13.16	13.16		
5	16QAM	12	0	12.79	12.76	12.81	14.5	0
5	16QAM	12	7	12.88	12.88	12.93		
5	16QAM	12	13	12.90	12.73	13.03		
5	16QAM	25	0	12.85	12.76	12.76		
5	64QAM	1	0	13.01	13.09	13.21	14.5	0
5	64QAM	1	12	12.79	13.01	13.26		
5	64QAM	1	24	12.69	13.33	13.02		
5	64QAM	12	0	12.89	12.81	13.04	14.5	0
5	64QAM	12	7	12.81	12.93	12.96		
5	64QAM	12	13	12.87	12.83	13.04		
5	64QAM	25	0	12.79	12.89	12.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.38	13.60	13.45	14.5	0
3	QPSK	1	8	13.32	13.14	13.36		
3	QPSK	1	14	13.05	13.25	13.28		
3	QPSK	8	0	13.41	13.50	13.48	14.5	0
3	QPSK	8	4	13.32	13.35	13.39		
3	QPSK	8	7	13.25	13.36	13.36		
3	QPSK	15	0	13.42	13.41	13.34		
3	16QAM	1	0	13.07	13.00	13.02	14.5	0
3	16QAM	1	8	13.15	13.39	13.42		
3	16QAM	1	14	12.96	13.10	13.11		
3	16QAM	8	0	12.75	12.74	12.87	14.5	0
3	16QAM	8	4	12.84	12.84	12.91		
3	16QAM	8	7	12.89	12.73	12.94		
3	16QAM	15	0	12.79	12.72	12.82		
3	64QAM	1	0	13.03	13.11	13.23	14.5	0
3	64QAM	1	8	12.79	12.97	13.30		
3	64QAM	1	14	12.78	13.36	12.97		
3	64QAM	8	0	12.84	12.83	13.04	14.5	0
3	64QAM	8	4	12.88	12.86	12.93		
3	64QAM	8	7	12.84	12.90	13.03		
3	64QAM	15	0	12.84	12.88	12.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.34	13.59	13.46	14.5	0
1.4	QPSK	1	3	13.30	13.16	13.34		
1.4	QPSK	1	5	13.03	13.28	13.26		
1.4	QPSK	3	0	13.42	13.42	13.45		
1.4	QPSK	3	1	13.41	13.29	13.43		
1.4	QPSK	3	3	13.33	13.29	13.35		
1.4	QPSK	6	0	13.41	13.44	13.31	14.5	0
1.4	16QAM	1	0	13.09	12.96	13.03	14.5	0
1.4	16QAM	1	3	13.15	13.36	13.38		
1.4	16QAM	1	5	12.93	13.17	13.13		
1.4	16QAM	3	0	12.76	12.71	12.79		
1.4	16QAM	3	1	12.82	12.85	12.94		
1.4	16QAM	3	3	12.85	12.76	12.99		
1.4	16QAM	6	0	12.85	12.77	12.76	14.5	0
1.4	64QAM	1	0	13.04	13.16	13.21	14.5	0
1.4	64QAM	1	3	12.83	13.03	13.23		
1.4	64QAM	1	5	12.71	13.36	12.98		
1.4	64QAM	3	0	12.88	12.88	13.05		
1.4	64QAM	3	1	12.77	12.91	12.92		
1.4	64QAM	3	3	12.87	12.87	12.97		
1.4	64QAM	6	0	12.80	12.83	13.03	14.5	0

Band 2_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.75	14.85	14.80	15.5	0
20	QPSK	1	49	14.45	14.36	14.44		
20	QPSK	1	99	14.34	14.32	14.31		
20	QPSK	50	0	14.42	14.55	14.54	15.5	0
20	QPSK	50	24	14.42	14.47	14.38		
20	QPSK	50	50	14.22	14.43	14.33		
20	QPSK	100	0	14.52	14.61	14.53		
20	16QAM	1	0	14.24	14.33	14.29	15.5	0
20	16QAM	1	49	14.09	14.20	14.08		
20	16QAM	1	99	14.24	14.24	14.06		
20	16QAM	50	0	14.40	14.58	14.38	15.5	0
20	16QAM	50	24	14.48	14.54	14.43		
20	16QAM	50	50	14.33	14.41	14.36		
20	16QAM	100	0	14.52	14.59	14.52		
20	64QAM	1	0	14.56	14.69	14.54	15.5	0
20	64QAM	1	49	14.63	14.74	14.55		
20	64QAM	1	99	14.33	14.42	14.42		
20	64QAM	50	0	14.40	14.47	14.34	15.5	0
20	64QAM	50	24	14.42	14.51	14.45		
20	64QAM	50	50	14.40	14.45	14.32		
20	64QAM	100	0	14.39	14.51	14.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.67	14.71	14.69	15.5	0
15	QPSK	1	37	14.35	14.26	14.39		
15	QPSK	1	74	14.22	14.18	14.21		
15	QPSK	36	0	14.35	14.41	14.47	15.5	0
15	QPSK	36	20	14.30	14.41	14.32		
15	QPSK	36	39	14.11	14.32	14.27		
15	QPSK	75	0	14.38	14.53	14.43		
15	16QAM	1	0	14.15	14.27	14.22	15.5	0
15	16QAM	1	37	13.93	14.07	14.00		
15	16QAM	1	74	14.16	14.14	13.92		
15	16QAM	36	0	14.35	14.53	14.24	15.5	0
15	16QAM	36	20	14.39	14.44	14.36		
15	16QAM	36	39	14.17	14.36	14.22		
15	16QAM	75	0	14.38	14.49	14.43		
15	64QAM	1	0	14.51	14.63	14.46	15.5	0
15	64QAM	1	37	14.51	14.59	14.41		
15	64QAM	1	74	14.25	14.31	14.32		
15	64QAM	36	0	14.28	14.32	14.28	15.5	0
15	64QAM	36	20	14.27	14.35	14.38		
15	64QAM	36	39	14.24	14.35	14.16		
15	64QAM	75	0	14.33	14.43	14.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.62	14.74	14.73	15.5	0
10	QPSK	1	25	14.35	14.21	14.36		
10	QPSK	1	49	14.18	14.20	14.22		
10	QPSK	25	0	14.30	14.42	14.42	15.5	0
10	QPSK	25	12	14.31	14.32	14.26		
10	QPSK	25	25	14.10	14.33	14.28		
10	QPSK	50	0	14.43	14.55	14.41		
10	16QAM	1	0	14.17	14.19	14.22	15.5	0
10	16QAM	1	25	14.03	14.11	14.03		
10	16QAM	1	49	14.17	14.16	13.96		
10	16QAM	25	0	14.30	14.48	14.26	15.5	0
10	16QAM	25	12	14.34	14.44	14.38		
10	16QAM	25	25	14.24	14.35	14.20		
10	16QAM	50	0	14.36	14.53	14.40		
10	64QAM	1	0	14.43	14.58	14.46	15.5	0
10	64QAM	1	25	14.53	14.63	14.44		
10	64QAM	1	49	14.19	14.31	14.34		
10	64QAM	25	0	14.26	14.31	14.22	15.5	0
10	64QAM	25	12	14.26	14.45	14.34		
10	64QAM	25	25	14.29	14.32	14.26		
10	64QAM	50	0	14.25	14.36	14.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.69	14.75	14.69	15.5	0
5	QPSK	1	12	14.38	14.24	14.35		
5	QPSK	1	24	14.27	14.19	14.25		
5	QPSK	12	0	14.30	14.41	14.42	15.5	0
5	QPSK	12	7	14.31	14.31	14.28		
5	QPSK	12	13	14.16	14.28	14.20		
5	QPSK	25	0	14.40	14.47	14.41		
5	16QAM	1	0	14.19	14.19	14.24	15.5	0
5	16QAM	1	12	13.96	14.12	13.94		
5	16QAM	1	24	14.17	14.15	13.90		
5	16QAM	12	0	14.31	14.44	14.22	15.5	0
5	16QAM	12	7	14.40	14.38	14.29		
5	16QAM	12	13	14.23	14.32	14.22		
5	16QAM	25	0	14.42	14.52	14.37		
5	64QAM	1	0	14.44	14.55	14.49	15.5	0
5	64QAM	1	12	14.49	14.69	14.42		
5	64QAM	1	24	14.18	14.31	14.37		
5	64QAM	12	0	14.27	14.37	14.22	15.5	0
5	64QAM	12	7	14.29	14.35	14.34		
5	64QAM	12	13	14.35	14.40	14.18		
5	64QAM	25	0	14.30	14.41	14.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.70	14.80	14.72	15.5	0
3	QPSK	1	8	14.29	14.29	14.36		
3	QPSK	1	14	14.18	14.27	14.22		
3	QPSK	8	0	14.26	14.41	14.41	15.5	0
3	QPSK	8	4	14.35	14.37	14.23		
3	QPSK	8	7	14.16	14.34	14.18		
3	QPSK	15	0	14.46	14.56	14.47		
3	16QAM	1	0	14.13	14.28	14.17	15.5	0
3	16QAM	1	8	14.04	14.10	13.94		
3	16QAM	1	14	14.08	14.10	13.99		
3	16QAM	8	0	14.35	14.49	14.28	15.5	0
3	16QAM	8	4	14.37	14.45	14.29		
3	16QAM	8	7	14.19	14.28	14.25		
3	16QAM	15	0	14.39	14.43	14.43		
3	64QAM	1	0	14.51	14.53	14.44	15.5	0
3	64QAM	1	8	14.53	14.67	14.42		
3	64QAM	1	14	14.22	14.29	14.33		
3	64QAM	8	0	14.30	14.41	14.21	15.5	0
3	64QAM	8	4	14.36	14.46	14.39		
3	64QAM	8	7	14.29	14.38	14.26		
3	64QAM	15	0	14.28	14.35	14.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.62	14.80	14.73	15.5	0
1.4	QPSK	1	3	14.38	14.20	14.30		
1.4	QPSK	1	5	14.26	14.26	14.15		
1.4	QPSK	3	0	14.35	14.41	14.40		
1.4	QPSK	3	1	14.33	14.31	14.27		
1.4	QPSK	3	3	14.11	14.28	14.28		
1.4	QPSK	6	0	14.45	14.45	14.40	15.5	0
1.4	16QAM	1	0	14.12	14.25	14.20	15.5	0
1.4	16QAM	1	3	14.02	14.14	14.00		
1.4	16QAM	1	5	14.10	14.15	13.97		
1.4	16QAM	3	0	14.35	14.49	14.26		
1.4	16QAM	3	1	14.34	14.38	14.36		
1.4	16QAM	3	3	14.20	14.31	14.25		
1.4	16QAM	6	0	14.37	14.50	14.45	15.5	0
1.4	64QAM	1	0	14.51	14.62	14.47	15.5	0
1.4	64QAM	1	3	14.57	14.67	14.48		
1.4	64QAM	1	5	14.18	14.37	14.32		
1.4	64QAM	3	0	14.35	14.35	14.25		
1.4	64QAM	3	1	14.30	14.35	14.31		
1.4	64QAM	3	3	14.29	14.36	14.23		
1.4	64QAM	6	0	14.31	14.36	14.42	15.5	0

Band 4_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	10.15	10.48	10.16	11	0
20	QPSK	1	49	9.87	10.07	10.01		
20	QPSK	1	99	9.92	9.94	9.91		
20	QPSK	50	0	10.05	10.20	10.16	11	0
20	QPSK	50	24	10.00	10.00	10.13		
20	QPSK	50	50	10.03	10.00	9.93		
20	QPSK	100	0	10.10	10.23	10.13		
20	16QAM	1	0	9.99	9.96	10.08	11	0
20	16QAM	1	49	10.12	9.62	10.03		
20	16QAM	1	99	9.88	9.46	10.01		
20	16QAM	50	0	9.59	9.69	9.53	11	0
20	16QAM	50	24	9.69	9.63	9.78		
20	16QAM	50	50	9.60	9.62	9.53		
20	16QAM	100	0	9.68	9.48	9.66		
20	64QAM	1	0	10.21	10.44	9.43	11	0
20	64QAM	1	49	9.85	9.77	9.98		
20	64QAM	1	99	9.49	9.89	9.30		
20	64QAM	50	0	10.12	10.05	10.08	11	0
20	64QAM	50	24	10.05	10.03	10.05		
20	64QAM	50	50	9.95	10.08	10.11		
20	64QAM	100	0	10.18	9.96	10.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	10.01	10.42	10.01	11	0
15	QPSK	1	37	9.80	10.02	9.96		
15	QPSK	1	74	9.78	9.89	9.78		
15	QPSK	36	0	9.91	10.05	10.05	11	0
15	QPSK	36	20	9.86	9.93	10.05		
15	QPSK	36	39	9.98	9.94	9.85		
15	QPSK	75	0	10.04	10.16	10.03		
15	16QAM	1	0	9.85	9.90	10.00	11	0
15	16QAM	1	37	10.02	9.54	9.94		
15	16QAM	1	74	9.73	9.34	9.96		
15	16QAM	36	0	9.46	9.55	9.42	11	0
15	16QAM	36	20	9.54	9.52	9.69		
15	16QAM	36	39	9.48	9.57	9.42		
15	16QAM	75	0	9.60	9.36	9.55		
15	64QAM	1	0	10.15	10.39	9.33	11	0
15	64QAM	1	37	9.77	9.62	9.92		
15	64QAM	1	74	9.41	9.78	9.20		
15	64QAM	36	0	9.96	9.90	9.95	11	0
15	64QAM	36	20	9.92	9.97	10.00		
15	64QAM	36	39	9.87	9.94	9.97		
15	64QAM	75	0	10.04	9.85	9.97		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	10.02	10.43	10.04	11	0
10	QPSK	1	25	9.71	9.91	9.96		
10	QPSK	1	49	9.77	9.86	9.83		
10	QPSK	25	0	9.99	10.05	10.06	11	0
10	QPSK	25	12	9.85	9.93	10.02		
10	QPSK	25	25	9.89	9.93	9.79		
10	QPSK	50	0	9.95	10.18	10.02		
10	16QAM	1	0	9.84	9.89	10.02	11	0
10	16QAM	1	25	10.06	9.53	9.96		
10	16QAM	1	49	9.76	9.38	9.96		
10	16QAM	25	0	9.52	9.60	9.41	11	0
10	16QAM	25	12	9.54	9.48	9.72		
10	16QAM	25	25	9.55	9.50	9.42		
10	16QAM	50	0	9.63	9.40	9.59		
10	64QAM	1	0	10.13	10.38	9.30	11	0
10	64QAM	1	25	9.71	9.63	9.84		
10	64QAM	1	49	9.40	9.84	9.15		
10	64QAM	25	0	10.05	9.90	10.01	11	0
10	64QAM	25	12	9.94	9.95	9.94		
10	64QAM	25	25	9.85	10.02	9.97		
10	64QAM	50	0	10.08	9.81	9.99		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	10.06	10.33	10.05	11	0
5	QPSK	1	12	9.80	9.96	9.86		
5	QPSK	1	24	9.78	9.78	9.81		
5	QPSK	12	0	9.89	10.13	10.07	11	0
5	QPSK	12	7	9.89	9.86	10.05		
5	QPSK	12	13	9.92	9.85	9.79		
5	QPSK	25	0	10.03	10.17	10.05		
5	16QAM	1	0	9.84	9.82	9.96	11	0
5	16QAM	1	12	10.07	9.52	9.88		
5	16QAM	1	24	9.75	9.38	9.96		
5	16QAM	12	0	9.47	9.56	9.39	11	0
5	16QAM	12	7	9.55	9.58	9.72		
5	16QAM	12	13	9.53	9.48	9.47		
5	16QAM	25	0	9.57	9.39	9.52		
5	64QAM	1	0	10.15	10.33	9.32	11	0
5	64QAM	1	12	9.80	9.69	9.86		
5	64QAM	1	24	9.38	9.82	9.19		
5	64QAM	12	0	10.06	9.99	9.93	11	0
5	64QAM	12	7	9.97	9.90	9.89		
5	64QAM	12	13	9.90	9.97	9.95		
5	64QAM	25	0	10.03	9.85	10.05		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	10.10	10.37	10.01	11	0
3	QPSK	1	8	9.81	9.98	9.86		
3	QPSK	1	14	9.82	9.82	9.79		
3	QPSK	8	0	9.92	10.12	10.07	11	0
3	QPSK	8	4	9.89	9.90	10.02		
3	QPSK	8	7	9.91	9.90	9.79		
3	QPSK	15	0	10.01	10.07	10.07		
3	16QAM	1	0	9.90	9.86	9.94	11	0
3	16QAM	1	8	10.07	9.55	9.90		
3	16QAM	1	14	9.82	9.33	9.94		
3	16QAM	8	0	9.53	9.59	9.41	11	0
3	16QAM	8	4	9.53	9.57	9.66		
3	16QAM	8	7	9.49	9.50	9.40		
3	16QAM	15	0	9.58	9.43	9.51		
3	64QAM	1	0	10.15	10.39	9.38	11	0
3	64QAM	1	8	9.77	9.65	9.93		
3	64QAM	1	14	9.42	9.79	9.19		
3	64QAM	8	0	10.01	10.00	10.01	11	0
3	64QAM	8	4	9.95	9.89	9.97		
3	64QAM	8	7	9.85	10.03	10.01		
3	64QAM	15	0	10.02	9.86	9.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	10.07	10.35	10.05	11	0
1.4	QPSK	1	3	9.75	9.97	9.91		
1.4	QPSK	1	5	9.82	9.87	9.75		
1.4	QPSK	3	0	9.91	10.05	10.06		
1.4	QPSK	3	1	9.95	9.90	9.98		
1.4	QPSK	3	3	9.91	9.94	9.78		
1.4	QPSK	6	0	9.97	10.07	9.98	11	0
1.4	16QAM	1	0	9.88	9.82	10.03	11	0
1.4	16QAM	1	3	10.04	9.55	9.87		
1.4	16QAM	1	5	9.76	9.39	9.85		
1.4	16QAM	3	0	9.53	9.53	9.38		
1.4	16QAM	3	1	9.62	9.51	9.71		
1.4	16QAM	3	3	9.53	9.56	9.41		
1.4	16QAM	6	0	9.59	9.37	9.50	11	0
1.4	64QAM	1	0	10.15	10.29	9.29	11	0
1.4	64QAM	1	3	9.74	9.68	9.88		
1.4	64QAM	1	5	9.35	9.77	9.18		
1.4	64QAM	3	0	10.05	9.99	9.93		
1.4	64QAM	3	1	9.89	9.89	9.96		
1.4	64QAM	3	3	9.82	9.99	10.01		
1.4	64QAM	6	0	10.06	9.81	10.02	11	0

Band 4_Ant 31

BW [MHz]	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	14.23	14.52	14.38	15	0
20	QPSK	1	49	14.15	14.04	14.12		
20	QPSK	1	99	14.07	13.94	14.02		
20	QPSK	50	0	14.06	14.24	14.14	15	0
20	QPSK	50	24	14.08	14.10	14.21		
20	QPSK	50	50	14.05	14.08	14.16		
20	QPSK	100	0	14.08	14.27	14.18		
20	16QAM	1	0	14.17	14.48	14.38	15	0
20	16QAM	1	49	14.08	14.14	14.29		
20	16QAM	1	99	14.21	14.08	14.46		
20	16QAM	50	0	13.91	13.87	13.94	15	0
20	16QAM	50	24	13.94	13.85	14.04		
20	16QAM	50	50	13.92	13.90	13.99		
20	16QAM	100	0	13.90	13.87	13.99		
20	64QAM	1	0	14.15	13.92	14.21	15	0
20	64QAM	1	49	14.20	14.12	14.18		
20	64QAM	1	99	14.04	14.18	14.02		
20	64QAM	50	0	13.81	13.97	13.87	15	0
20	64QAM	50	24	13.87	13.88	14.04		
20	64QAM	50	50	13.95	13.93	13.86		
20	64QAM	100	0	13.94	13.82	14.01		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.10	14.47	14.33	15	0
15	QPSK	1	37	14.03	13.91	14.01		
15	QPSK	1	74	14.00	13.85	13.96		
15	QPSK	36	0	13.93	14.10	14.07	15	0
15	QPSK	36	20	13.94	14.04	14.10		
15	QPSK	36	39	13.90	14.02	14.11		
15	QPSK	75	0	13.93	14.21	14.03		
15	16QAM	1	0	14.05	14.41	14.30	15	0
15	16QAM	1	37	14.00	14.03	14.15		
15	16QAM	1	74	14.07	13.93	14.38		
15	16QAM	36	0	13.78	13.74	13.79	15	0
15	16QAM	36	20	13.82	13.76	13.97		
15	16QAM	36	39	13.83	13.76	13.91		
15	16QAM	75	0	13.82	13.78	13.88		
15	64QAM	1	0	14.02	13.84	14.14	15	0
15	64QAM	1	37	14.10	14.06	14.06		
15	64QAM	1	74	13.88	14.08	13.87		
15	64QAM	36	0	13.75	13.89	13.79	15	0
15	64QAM	36	20	13.73	13.73	13.88		
15	64QAM	36	39	13.87	13.77	13.77		
15	64QAM	75	0	13.79	13.68	13.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.08	14.37	14.27	15	0
10	QPSK	1	25	14.10	13.91	14.01		
10	QPSK	1	49	13.98	13.83	13.88		
10	QPSK	25	0	13.97	14.10	14.01	15	0
10	QPSK	25	12	14.03	14.03	14.10		
10	QPSK	25	25	13.93	14.02	14.02		
10	QPSK	50	0	13.97	14.20	14.04		
10	16QAM	1	0	14.11	14.36	14.27	15	0
10	16QAM	1	25	13.93	14.01	14.19		
10	16QAM	1	49	14.10	13.95	14.34		
10	16QAM	25	0	13.85	13.79	13.81	15	0
10	16QAM	25	12	13.82	13.74	13.93		
10	16QAM	25	25	13.76	13.80	13.88		
10	16QAM	50	0	13.75	13.71	13.89		
10	64QAM	1	0	14.06	13.82	14.16	15	0
10	64QAM	1	25	14.13	13.98	14.13		
10	64QAM	1	49	13.99	14.06	13.97		
10	64QAM	25	0	13.69	13.91	13.75	15	0
10	64QAM	25	12	13.75	13.76	13.89		
10	64QAM	25	25	13.79	13.83	13.75		
10	64QAM	50	0	13.81	13.68	13.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.09	14.39	14.25	15	0
5	QPSK	1	12	14.07	13.91	14.02		
5	QPSK	1	24	13.98	13.79	13.96		
5	QPSK	12	0	13.97	14.08	14.09	15	0
5	QPSK	12	7	14.03	14.03	14.07		
5	QPSK	12	13	13.90	13.92	14.02		
5	QPSK	25	0	14.03	14.14	14.10		
5	16QAM	1	0	14.06	14.39	14.27	15	0
5	16QAM	1	12	13.92	13.98	14.19		
5	16QAM	1	24	14.09	13.98	14.30		
5	16QAM	12	0	13.83	13.71	13.88	15	0
5	16QAM	12	7	13.82	13.73	13.95		
5	16QAM	12	13	13.76	13.80	13.83		
5	16QAM	25	0	13.82	13.72	13.92		
5	64QAM	1	0	14.03	13.87	14.05	15	0
5	64QAM	1	12	14.09	14.05	14.11		
5	64QAM	1	24	13.91	14.05	13.92		
5	64QAM	12	0	13.71	13.83	13.73	15	0
5	64QAM	12	7	13.76	13.74	13.93		
5	64QAM	12	13	13.88	13.85	13.79		
5	64QAM	25	0	13.85	13.72	13.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.18	14.46	14.26	15	0
3	QPSK	1	8	14.01	13.91	13.96		
3	QPSK	1	14	14.01	13.87	13.95		
3	QPSK	8	0	13.95	14.15	14.07	15	0
3	QPSK	8	4	13.96	14.02	14.13		
3	QPSK	8	7	13.93	13.94	14.04		
3	QPSK	15	0	13.92	14.13	14.08		
3	16QAM	1	0	14.09	14.34	14.28	15	0
3	16QAM	1	8	14.00	14.02	14.21		
3	16QAM	1	14	14.05	13.96	14.30		
3	16QAM	8	0	13.75	13.80	13.84	15	0
3	16QAM	8	4	13.82	13.71	13.97		
3	16QAM	8	7	13.79	13.83	13.91		
3	16QAM	15	0	13.78	13.79	13.88		
3	64QAM	1	0	13.99	13.86	14.13	15	0
3	64QAM	1	8	14.13	14.06	14.11		
3	64QAM	1	14	13.91	14.08	13.94		
3	64QAM	8	0	13.65	13.91	13.72	15	0
3	64QAM	8	4	13.81	13.82	13.89		
3	64QAM	8	7	13.83	13.82	13.72		
3	64QAM	15	0	13.82	13.69	13.88		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.16	14.40	14.25	15	0
1.4	QPSK	1	3	14.01	13.99	14.03		
1.4	QPSK	1	5	13.97	13.83	13.91		
1.4	QPSK	3	0	13.94	14.14	14.02		
1.4	QPSK	3	1	13.98	13.98	14.08		
1.4	QPSK	3	3	13.95	13.98	14.01		
1.4	QPSK	6	0	13.98	14.13	14.07	15	0
1.4	16QAM	1	0	14.02	14.40	14.29	15	0
1.4	16QAM	1	3	13.97	14.03	14.23		
1.4	16QAM	1	5	14.06	13.96	14.37		
1.4	16QAM	3	0	13.86	13.71	13.88		
1.4	16QAM	3	1	13.82	13.72	13.97		
1.4	16QAM	3	3	13.84	13.84	13.93		
1.4	16QAM	6	0	13.82	13.81	13.94	15	0
1.4	64QAM	1	0	13.99	13.78	14.13	15	0
1.4	64QAM	1	3	14.13	13.98	14.08		
1.4	64QAM	1	5	13.91	14.06	13.94		
1.4	64QAM	3	0	13.73	13.89	13.75		
1.4	64QAM	3	1	13.81	13.73	13.99		
1.4	64QAM	3	3	13.86	13.80	13.79		
1.4	64QAM	6	0	13.79	13.68	13.87	15	0

Band 4_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.27	12.68	12.41	13.5	0
20	QPSK	1	49	12.38	12.37	12.36		
20	QPSK	1	99	12.16	12.14	12.04		
20	QPSK	50	0	12.28	12.45	12.34	13.5	0
20	QPSK	50	24	12.35	12.26	12.39		
20	QPSK	50	50	12.23	12.32	12.30		
20	QPSK	100	0	12.35	12.38	12.37		
20	16QAM	1	0	12.21	12.60	12.42	13.5	0
20	16QAM	1	49	12.40	12.53	11.98		
20	16QAM	1	99	12.09	12.27	11.95		
20	16QAM	50	0	11.88	11.94	11.87	13.5	0
20	16QAM	50	24	11.95	11.89	12.06		
20	16QAM	50	50	11.82	11.99	11.85		
20	16QAM	100	0	11.87	12.00	11.95		
20	64QAM	1	0	11.90	12.06	12.42	13.5	0
20	64QAM	1	49	12.30	12.25	12.18		
20	64QAM	1	99	12.12	12.22	11.87		
20	64QAM	50	0	11.96	11.87	12.00	13.5	0
20	64QAM	50	24	11.86	11.83	11.95		
20	64QAM	50	50	11.90	11.94	11.93		
20	64QAM	100	0	11.90	11.91	11.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.19	12.59	12.35	13.5	0
15	QPSK	1	37	12.24	12.28	12.28		
15	QPSK	1	74	12.07	11.99	11.96		
15	QPSK	36	0	12.16	12.39	12.21	13.5	0
15	QPSK	36	20	12.28	12.13	12.28		
15	QPSK	36	39	12.10	12.20	12.16		
15	QPSK	75	0	12.27	12.24	12.25		
15	16QAM	1	0	12.06	12.46	12.29	13.5	0
15	16QAM	1	37	12.32	12.40	11.90		
15	16QAM	1	74	12.02	12.20	11.87		
15	16QAM	36	0	11.76	11.78	11.80	13.5	0
15	16QAM	36	20	11.89	11.78	11.90		
15	16QAM	36	39	11.70	11.83	11.72		
15	16QAM	75	0	11.72	11.90	11.89		
15	64QAM	1	0	11.80	11.95	12.33	13.5	0
15	64QAM	1	37	12.23	12.14	12.08		
15	64QAM	1	74	12.03	12.08	11.77		
15	64QAM	36	0	11.89	11.80	11.94	13.5	0
15	64QAM	36	20	11.70	11.76	11.85		
15	64QAM	36	39	11.80	11.83	11.83		
15	64QAM	75	0	11.78	11.75	11.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.21	12.57	12.26	13.5	0
10	QPSK	1	25	12.31	12.26	12.24		
10	QPSK	1	49	12.00	12.02	11.95		
10	QPSK	25	0	12.19	12.37	12.19	13.5	0
10	QPSK	25	12	12.21	12.11	12.28		
10	QPSK	25	25	12.16	12.21	12.17		
10	QPSK	50	0	12.24	12.22	12.24		
10	16QAM	1	0	12.10	12.48	12.28	13.5	0
10	16QAM	1	25	12.28	12.40	11.82		
10	16QAM	1	49	11.96	12.18	11.79		
10	16QAM	25	0	11.83	11.89	11.80	13.5	0
10	16QAM	25	12	11.82	11.73	11.93		
10	16QAM	25	25	11.71	11.89	11.71		
10	16QAM	50	0	11.72	11.85	11.88		
10	64QAM	1	0	11.82	11.96	12.33	13.5	0
10	64QAM	1	25	12.21	12.17	12.09		
10	64QAM	1	49	12.03	12.12	11.78		
10	64QAM	25	0	11.86	11.79	11.95	13.5	0
10	64QAM	25	12	11.78	11.77	11.88		
10	64QAM	25	25	11.83	11.86	11.82		
10	64QAM	50	0	11.80	11.81	11.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.20	12.57	12.36	13.5	0
5	QPSK	1	12	12.26	12.25	12.23		
5	QPSK	1	24	12.03	11.98	11.96		
5	QPSK	12	0	12.23	12.40	12.21	13.5	0
5	QPSK	12	7	12.29	12.21	12.26		
5	QPSK	12	13	12.14	12.18	12.19		
5	QPSK	25	0	12.21	12.29	12.30		
5	16QAM	1	0	12.08	12.53	12.35	13.5	0
5	16QAM	1	12	12.34	12.43	11.92		
5	16QAM	1	24	12.01	12.22	11.87		
5	16QAM	12	0	11.76	11.86	11.75	13.5	0
5	16QAM	12	7	11.82	11.78	11.91		
5	16QAM	12	13	11.77	11.84	11.79		
5	16QAM	25	0	11.81	11.91	11.84		
5	64QAM	1	0	11.82	12.01	12.28	13.5	0
5	64QAM	1	12	12.25	12.20	12.09		
5	64QAM	1	24	12.04	12.06	11.76		
5	64QAM	12	0	11.80	11.79	11.93	13.5	0
5	64QAM	12	7	11.75	11.73	11.90		
5	64QAM	12	13	11.83	11.82	11.83		
5	64QAM	25	0	11.74	11.77	11.84		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.21	12.58	12.32	13.5	0
3	QPSK	1	8	12.25	12.28	12.28		
3	QPSK	1	14	12.08	12.09	11.92		
3	QPSK	8	0	12.23	12.32	12.19	13.5	0
3	QPSK	8	4	12.27	12.21	12.32		
3	QPSK	8	7	12.17	12.26	12.23		
3	QPSK	15	0	12.30	12.26	12.28		
3	16QAM	1	0	12.06	12.50	12.32	13.5	0
3	16QAM	1	8	12.30	12.41	11.89		
3	16QAM	1	14	11.95	12.13	11.86		
3	16QAM	8	0	11.74	11.80	11.76	13.5	0
3	16QAM	8	4	11.83	11.82	12.00		
3	16QAM	8	7	11.69	11.92	11.77		
3	16QAM	15	0	11.78	11.84	11.82		
3	64QAM	1	0	11.77	12.00	12.30	13.5	0
3	64QAM	1	8	12.15	12.14	12.03		
3	64QAM	1	14	11.99	12.09	11.71		
3	64QAM	8	0	11.88	11.76	11.95	13.5	0
3	64QAM	8	4	11.80	11.67	11.89		
3	64QAM	8	7	11.75	11.79	11.82		
3	64QAM	15	0	11.78	11.75	11.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.13	12.62	12.35	13.5	0
1.4	QPSK	1	3	12.29	12.23	12.26		
1.4	QPSK	1	5	12.01	12.03	11.92		
1.4	QPSK	3	0	12.16	12.30	12.28		
1.4	QPSK	3	1	12.19	12.21	12.32		
1.4	QPSK	3	3	12.11	12.24	12.17		
1.4	QPSK	6	0	12.30	12.33	12.25	13.5	0
1.4	16QAM	1	0	12.16	12.55	12.33	13.5	0
1.4	16QAM	1	3	12.31	12.45	11.83		
1.4	16QAM	1	5	12.04	12.18	11.79		
1.4	16QAM	3	0	11.77	11.87	11.82		
1.4	16QAM	3	1	11.85	11.73	12.01		
1.4	16QAM	3	3	11.66	11.84	11.80		
1.4	16QAM	6	0	11.80	11.93	11.82	13.5	0
1.4	64QAM	1	0	11.74	12.01	12.36	13.5	0
1.4	64QAM	1	3	12.22	12.19	12.05		
1.4	64QAM	1	5	12.06	12.15	11.77		
1.4	64QAM	3	0	11.90	11.78	11.95		
1.4	64QAM	3	1	11.75	11.73	11.79		
1.4	64QAM	3	3	11.82	11.81	11.81		
1.4	64QAM	6	0	11.85	11.78	11.92	13.5	0

Band 5_Ant 11

BW [MHz]	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	16.80	16.98	16.69	18	0
10	QPSK	1	25	16.67	16.73	16.70		
10	QPSK	1	49	16.66	16.63	16.67		
10	QPSK	25	0	16.76	16.96	16.75	18	0
10	QPSK	25	12	16.84	16.78	16.76		
10	QPSK	25	25	16.79	16.84	16.82		
10	QPSK	50	0	16.83	16.91	16.76		
10	16QAM	1	0	16.29	16.73	16.73	18	0
10	16QAM	1	25	16.75	16.81	16.50		
10	16QAM	1	49	16.35	16.27	16.76		
10	16QAM	25	0	16.31	16.27	16.28	18	0
10	16QAM	25	12	16.38	16.28	16.26		
10	16QAM	25	25	16.27	16.39	16.32		
10	16QAM	50	0	16.32	16.22	16.21		
10	64QAM	1	0	16.36	16.57	16.92	18	0
10	64QAM	1	25	16.85	16.78	16.92		
10	64QAM	1	49	16.81	16.97	16.92		
10	64QAM	25	0	16.73	16.76	16.80	18	0
10	64QAM	25	12	16.79	16.79	16.78		
10	64QAM	25	25	16.87	16.75	16.74		
10	64QAM	50	0	16.82	16.84	16.85		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	16.73	16.87	16.62	18	0
5	QPSK	1	12	16.59	16.66	16.54		
5	QPSK	1	24	16.56	16.49	16.60		
5	QPSK	12	0	16.60	16.70	16.68	18	0
5	QPSK	12	7	16.74	16.71	16.63		
5	QPSK	12	13	16.68	16.75	16.76		
5	QPSK	25	0	16.78	16.80	16.60		
5	16QAM	1	0	16.19	16.63	16.63	18	0
5	16QAM	1	12	16.69	16.71	16.36		
5	16QAM	1	24	16.26	16.18	16.70		
5	16QAM	12	0	16.23	16.12	16.16	18	0
5	16QAM	12	7	16.24	16.23	16.12		
5	16QAM	12	13	16.15	16.33	16.26		
5	16QAM	25	0	16.18	16.09	16.06		
5	64QAM	1	0	16.26	16.50	16.85	18	0
5	64QAM	1	12	16.73	16.67	16.77		
5	64QAM	1	24	16.75	16.82	16.87		
5	64QAM	12	0	16.57	16.66	16.67	18	0
5	64QAM	12	7	16.73	16.72	16.69		
5	64QAM	12	13	16.75	16.70	16.65		
5	64QAM	25	0	16.72	16.78	16.77		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	16.74	16.83	16.57	18	0
3	QPSK	1	8	16.55	16.61	16.63		
3	QPSK	1	14	16.60	16.51	16.56		
3	QPSK	8	0	16.69	16.70	16.66	18	0
3	QPSK	8	4	16.71	16.68	16.61		
3	QPSK	8	7	16.74	16.73	16.75		
3	QPSK	15	0	16.67	16.75	16.71		
3	16QAM	1	0	16.16	16.63	16.58	18	0
3	16QAM	1	8	16.63	16.71	16.41		
3	16QAM	1	14	16.30	16.12	16.63		
3	16QAM	8	0	16.23	16.14	16.12	18	0
3	16QAM	8	4	16.33	16.18	16.10		
3	16QAM	8	7	16.18	16.27	16.21		
3	16QAM	15	0	16.20	16.17	16.15		
3	64QAM	1	0	16.29	16.46	16.84	18	0
3	64QAM	1	8	16.73	16.69	16.81		
3	64QAM	1	14	16.71	16.90	16.77		
3	64QAM	8	0	16.57	16.60	16.64	18	0
3	64QAM	8	4	16.67	16.65	16.72		
3	64QAM	8	7	16.82	16.61	16.65		
3	64QAM	15	0	16.74	16.77	16.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	16.67	16.86	16.58	18	0
1.4	QPSK	1	3	16.61	16.64	16.60		
1.4	QPSK	1	5	16.57	16.53	16.60		
1.4	QPSK	3	0	16.69	16.79	16.65		
1.4	QPSK	3	1	16.70	16.72	16.62		
1.4	QPSK	3	3	16.71	16.78	16.66		
1.4	QPSK	6	0	16.67	16.78	16.71	18	0
1.4	16QAM	1	0	16.21	16.58	16.65	18	0
1.4	16QAM	1	3	16.59	16.67	16.44		
1.4	16QAM	1	5	16.23	16.16	16.65		
1.4	16QAM	3	0	16.16	16.21	16.21		
1.4	16QAM	3	1	16.29	16.20	16.19		
1.4	16QAM	3	3	16.14	16.27	16.27		
1.4	16QAM	6	0	16.19	16.16	16.07	18	0
1.4	64QAM	1	0	16.22	16.52	16.80	18	0
1.4	64QAM	1	3	16.72	16.73	16.82		
1.4	64QAM	1	5	16.72	16.88	16.84		
1.4	64QAM	3	0	16.58	16.60	16.67		
1.4	64QAM	3	1	16.64	16.63	16.68		
1.4	64QAM	3	3	16.82	16.64	16.58		
1.4	64QAM	6	0	16.72	16.79	16.78	18	0

Band 5_Ant 41

BW [MHz]	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	18.37	18.54	18.18	19.5	0
10	QPSK	1	25	18.31	18.31	18.23		
10	QPSK	1	49	18.15	18.27	17.95		
10	QPSK	25	0	18.29	18.48	18.29	19.5	0
10	QPSK	25	12	18.39	18.31	18.37		
10	QPSK	25	25	18.34	18.35	18.28		
10	QPSK	50	0	18.47	18.49	18.36		
10	16QAM	1	0	18.23	18.41	18.33	19.5	0
10	16QAM	1	25	18.21	18.30	18.15		
10	16QAM	1	49	18.36	18.31	18.26		
10	16QAM	25	0	17.93	17.82	17.90	19.5	0
10	16QAM	25	12	18.03	18.03	18.05		
10	16QAM	25	25	17.96	17.91	17.89		
10	16QAM	50	0	17.95	17.92	18.01		
10	64QAM	1	0	17.99	18.40	18.17	19.5	0
10	64QAM	1	25	18.45	18.13	18.00		
10	64QAM	1	49	18.35	18.40	18.30		
10	64QAM	25	0	18.29	18.36	18.28	19.5	0
10	64QAM	25	12	18.47	18.40	18.28		
10	64QAM	25	25	18.28	18.21	18.33		
10	64QAM	50	0	18.46	18.42	18.43		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.28	18.46	18.08	19.5	0
5	QPSK	1	12	18.20	18.15	18.14		
5	QPSK	1	24	18.06	18.22	17.84		
5	QPSK	12	0	18.14	18.43	18.18	19.5	0
5	QPSK	12	7	18.23	18.17	18.32		
5	QPSK	12	13	18.19	18.30	18.22		
5	QPSK	25	0	18.33	18.34	18.31		
5	16QAM	1	0	18.18	18.31	18.20	19.5	0
5	16QAM	1	12	18.11	18.21	18.00		
5	16QAM	1	24	18.29	18.24	18.18		
5	16QAM	12	0	17.84	17.66	17.82	19.5	0
5	16QAM	12	7	17.87	17.94	17.91		
5	16QAM	12	13	17.90	17.79	17.81		
5	16QAM	25	0	17.88	17.79	17.95		
5	64QAM	1	0	17.93	18.32	18.02	19.5	0
5	64QAM	1	12	18.39	18.01	17.93		
5	64QAM	1	24	18.28	18.27	18.24		
5	64QAM	12	0	18.20	18.20	18.17	19.5	0
5	64QAM	12	7	18.33	18.29	18.20		
5	64QAM	12	13	18.21	18.16	18.23		
5	64QAM	25	0	18.40	18.33	18.29		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.30	18.42	18.05	19.5	0
3	QPSK	1	8	18.21	18.25	18.16		
3	QPSK	1	14	18.00	18.15	17.81		
3	QPSK	8	0	18.22	18.38	18.13	19.5	0
3	QPSK	8	4	18.23	18.18	18.21		
3	QPSK	8	7	18.21	18.23	18.18		
3	QPSK	15	0	18.38	18.42	18.23		
3	16QAM	1	0	18.11	18.30	18.19	19.5	0
3	16QAM	1	8	18.08	18.21	18.08		
3	16QAM	1	14	18.26	18.18	18.10		
3	16QAM	8	0	17.81	17.71	17.85	19.5	0
3	16QAM	8	4	17.92	17.97	17.99		
3	16QAM	8	7	17.89	17.83	17.79		
3	16QAM	15	0	17.81	17.81	17.95		
3	64QAM	1	0	17.91	18.30	18.09	19.5	0
3	64QAM	1	8	18.40	18.02	17.91		
3	64QAM	1	14	18.27	18.26	18.24		
3	64QAM	8	0	18.20	18.29	18.21	19.5	0
3	64QAM	8	4	18.38	18.26	18.17		
3	64QAM	8	7	18.23	18.11	18.19		
3	64QAM	15	0	18.30	18.27	18.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.25	18.39	18.02	19.5	0
1.4	QPSK	1	3	18.20	18.22	18.10		
1.4	QPSK	1	5	18.10	18.15	17.80		
1.4	QPSK	3	0	18.15	18.32	18.16		
1.4	QPSK	3	1	18.34	18.22	18.22		
1.4	QPSK	3	3	18.27	18.22	18.21		
1.4	QPSK	6	0	18.33	18.44	18.30	19.5	0
1.4	16QAM	1	0	18.09	18.28	18.27	19.5	0
1.4	16QAM	1	3	18.10	18.20	17.99		
1.4	16QAM	1	5	18.27	18.26	18.20		
1.4	16QAM	3	0	17.83	17.68	17.85		
1.4	16QAM	3	1	17.88	17.87	17.97		
1.4	16QAM	3	3	17.85	17.81	17.82		
1.4	16QAM	6	0	17.88	17.79	17.94	19.5	0
1.4	64QAM	1	0	17.90	18.27	18.06	19.5	0
1.4	64QAM	1	3	18.34	17.97	17.92		
1.4	64QAM	1	5	18.22	18.28	18.19		
1.4	64QAM	3	0	18.16	18.24	18.22		
1.4	64QAM	3	1	18.40	18.29	18.12		
1.4	64QAM	3	3	18.13	18.08	18.23		
1.4	64QAM	6	0	18.34	18.34	18.29	19.5	0

Band 7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.08	12.19	12.13	12.5	0
20	QPSK	1	49	12.00	11.95	12.11		
20	QPSK	1	99	11.89	11.95	11.90		
20	QPSK	50	0	12.03	12.11	12.02	12.5	0
20	QPSK	50	24	12.00	12.04	11.98		
20	QPSK	50	50	12.01	12.03	12.01		
20	QPSK	100	0	11.98	12.02	12.01		
20	16QAM	1	0	11.13	11.38	11.39	12.5	0
20	16QAM	1	49	11.60	12.01	11.79		
20	16QAM	1	99	11.42	11.72	11.60		
20	16QAM	50	0	11.57	11.57	11.58	12.5	0
20	16QAM	50	24	11.55	11.63	11.65		
20	16QAM	50	50	11.63	11.61	11.69		
20	16QAM	100	0	11.58	11.73	11.51		
20	64QAM	1	0	10.94	11.39	11.80	12.5	0
20	64QAM	1	49	11.50	12.01	11.78		
20	64QAM	1	99	11.36	11.92	11.28		
20	64QAM	50	0	11.48	11.57	11.66	12.5	0
20	64QAM	50	24	11.57	11.67	11.60		
20	64QAM	50	50	11.61	11.66	11.71		
20	64QAM	100	0	11.54	11.49	11.61		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.99	12.10	12.04	12.5	0
15	QPSK	1	37	11.93	11.82	12.00		
15	QPSK	1	74	11.75	11.87	11.76		
15	QPSK	36	0	11.93	11.96	11.89	12.5	0
15	QPSK	36	20	11.90	11.93	11.90		
15	QPSK	36	39	11.95	11.94	11.89		
15	QPSK	75	0	11.90	11.87	11.89		
15	16QAM	1	0	10.99	11.31	11.24	12.5	0
15	16QAM	1	37	11.46	11.96	11.72		
15	16QAM	1	74	11.30	11.59	11.49		
15	16QAM	36	0	11.52	11.43	11.48	12.5	0
15	16QAM	36	20	11.42	11.58	11.51		
15	16QAM	36	39	11.51	11.49	11.54		
15	16QAM	75	0	11.42	11.68	11.45		
15	64QAM	1	0	10.82	11.27	11.66	12.5	0
15	64QAM	1	37	11.44	11.94	11.70		
15	64QAM	1	74	11.23	11.87	11.19		
15	64QAM	36	0	11.35	11.45	11.54	12.5	0
15	64QAM	36	20	11.45	11.57	11.54		
15	64QAM	36	39	11.48	11.55	11.57		
15	64QAM	75	0	11.43	11.35	11.45		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	11.95	12.07	11.97	12.5	0
10	QPSK	1	25	11.92	11.89	11.95		
10	QPSK	1	49	11.77	11.85	11.77		
10	QPSK	25	0	11.91	12.03	11.93	12.5	0
10	QPSK	25	12	11.85	11.96	11.85		
10	QPSK	25	25	11.95	11.97	11.86		
10	QPSK	50	0	11.83	11.91	11.92		
10	16QAM	1	0	10.99	11.22	11.26	12.5	0
10	16QAM	1	25	11.46	11.94	11.73		
10	16QAM	1	49	11.34	11.62	11.51		
10	16QAM	25	0	11.44	11.52	11.47	12.5	0
10	16QAM	25	12	11.44	11.54	11.57		
10	16QAM	25	25	11.56	11.49	11.58		
10	16QAM	50	0	11.44	11.64	11.37		
10	64QAM	1	0	10.82	11.23	11.72	12.5	0
10	64QAM	1	25	11.43	11.91	11.69		
10	64QAM	1	49	11.27	11.83	11.20		
10	64QAM	25	0	11.41	11.47	11.61	12.5	0
10	64QAM	25	12	11.51	11.53	11.55		
10	64QAM	25	25	11.45	11.52	11.57		
10	64QAM	50	0	11.45	11.36	11.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.98	12.03	11.99	12.5	0
5	QPSK	1	12	11.85	11.90	11.97		
5	QPSK	1	24	11.75	11.83	11.75		
5	QPSK	12	0	11.91	12.00	11.97	12.5	0
5	QPSK	12	7	11.87	11.91	11.84		
5	QPSK	12	13	11.91	11.97	11.96		
5	QPSK	25	0	11.83	11.90	11.86		
5	16QAM	1	0	11.08	11.29	11.23	12.5	0
5	16QAM	1	12	11.51	11.85	11.67		
5	16QAM	1	24	11.36	11.64	11.46		
5	16QAM	12	0	11.50	11.51	11.50	12.5	0
5	16QAM	12	7	11.44	11.47	11.52		
5	16QAM	12	13	11.54	11.52	11.58		
5	16QAM	25	0	11.48	11.57	11.35		
5	64QAM	1	0	10.79	11.26	11.69	12.5	0
5	64QAM	1	12	11.34	11.86	11.69		
5	64QAM	1	24	11.31	11.81	11.12		
5	64QAM	12	0	11.43	11.52	11.58	12.5	0
5	64QAM	12	7	11.48	11.60	11.50		
5	64QAM	12	13	11.45	11.59	11.55		
5	64QAM	25	0	11.48	11.41	11.46		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.82	13.97	13.77	14.5	0
20	QPSK	1	49	13.77	13.81	13.63		
20	QPSK	1	99	13.68	13.73	13.69		
20	QPSK	50	0	13.89	13.95	13.88	14.5	0
20	QPSK	50	24	13.88	13.82	13.79		
20	QPSK	50	50	13.81	13.85	13.86		
20	QPSK	100	0	13.90	13.93	13.78		
20	16QAM	1	0	13.58	13.47	13.53	14.5	0
20	16QAM	1	49	13.74	13.60	13.57		
20	16QAM	1	99	13.62	13.44	13.54		
20	16QAM	50	0	13.37	13.30	13.27	14.5	0
20	16QAM	50	24	13.45	13.46	13.43		
20	16QAM	50	50	13.38	13.47	13.50		
20	16QAM	100	0	13.44	13.30	13.37		
20	64QAM	1	0	13.33	13.43	13.61	14.5	0
20	64QAM	1	49	13.07	13.39	13.72		
20	64QAM	1	99	13.57	13.34	13.34		
20	64QAM	50	0	13.58	13.67	13.58	14.5	0
20	64QAM	50	24	13.73	13.76	13.66		
20	64QAM	50	50	13.69	13.78	13.70		
20	64QAM	100	0	13.73	13.76	13.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.71	13.82	13.67	14.5	0
15	QPSK	1	37	13.67	13.70	13.47		
15	QPSK	1	74	13.61	13.60	13.53		
15	QPSK	36	0	13.78	13.88	13.82	14.5	0
15	QPSK	36	20	13.73	13.72	13.68		
15	QPSK	36	39	13.72	13.79	13.76		
15	QPSK	75	0	13.80	13.78	13.71		
15	16QAM	1	0	13.51	13.42	13.48	14.5	0
15	16QAM	1	37	13.63	13.54	13.43		
15	16QAM	1	74	13.48	13.29	13.40		
15	16QAM	36	0	13.28	13.24	13.21	14.5	0
15	16QAM	36	20	13.34	13.36	13.35		
15	16QAM	36	39	13.22	13.33	13.34		
15	16QAM	75	0	13.31	13.15	13.23		
15	64QAM	1	0	13.25	13.27	13.52	14.5	0
15	64QAM	1	37	13.02	13.31	13.65		
15	64QAM	1	74	13.41	13.22	13.28		
15	64QAM	36	0	13.44	13.61	13.47	14.5	0
15	64QAM	36	20	13.58	13.60	13.53		
15	64QAM	36	39	13.55	13.65	13.58		
15	64QAM	75	0	13.59	13.70	13.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.69	13.82	13.72	14.5	0
10	QPSK	1	25	13.67	13.66	13.51		
10	QPSK	1	49	13.60	13.59	13.63		
10	QPSK	25	0	13.75	13.83	13.79	14.5	0
10	QPSK	25	12	13.76	13.69	13.65		
10	QPSK	25	25	13.68	13.77	13.81		
10	QPSK	50	0	13.77	13.82	13.69		
10	16QAM	1	0	13.47	13.32	13.48	14.5	0
10	16QAM	1	25	13.58	13.50	13.48		
10	16QAM	1	49	13.54	13.28	13.40		
10	16QAM	25	0	13.31	13.22	13.20	14.5	0
10	16QAM	25	12	13.33	13.36	13.29		
10	16QAM	25	25	13.23	13.41	13.44		
10	16QAM	50	0	13.33	13.14	13.27		
10	64QAM	1	0	13.18	13.31	13.54	14.5	0
10	64QAM	1	25	12.94	13.25	13.64		
10	64QAM	1	49	13.46	13.22	13.24		
10	64QAM	25	0	13.48	13.62	13.47	14.5	0
10	64QAM	25	12	13.66	13.64	13.52		
10	64QAM	25	25	13.62	13.72	13.60		
10	64QAM	50	0	13.58	13.66	13.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.69	13.91	13.72	14.5	0
5	QPSK	1	12	13.64	13.68	13.57		
5	QPSK	1	24	13.53	13.60	13.62		
5	QPSK	12	0	13.73	13.86	13.72	14.5	0
5	QPSK	12	7	13.72	13.73	13.70		
5	QPSK	12	13	13.69	13.72	13.80		
5	QPSK	25	0	13.74	13.77	13.64		
5	16QAM	1	0	13.42	13.34	13.37	14.5	0
5	16QAM	1	12	13.64	13.44	13.47		
5	16QAM	1	24	13.55	13.33	13.45		
5	16QAM	12	0	13.25	13.22	13.12	14.5	0
5	16QAM	12	7	13.33	13.41	13.30		
5	16QAM	12	13	13.27	13.40	13.36		
5	16QAM	25	0	13.37	13.15	13.21		
5	64QAM	1	0	13.25	13.27	13.53	14.5	0
5	64QAM	1	12	12.92	13.30	13.63		
5	64QAM	1	24	13.49	13.23	13.24		
5	64QAM	12	0	13.50	13.62	13.53	14.5	0
5	64QAM	12	7	13.60	13.62	13.60		
5	64QAM	12	13	13.59	13.65	13.57		
5	64QAM	25	0	13.66	13.69	13.66		

Band 7_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.32	12.61	12.52	13.5	0
20	QPSK	1	49	12.30	12.37	12.50		
20	QPSK	1	99	12.20	12.20	12.37		
20	QPSK	50	0	12.53	12.56	12.54	13.5	0
20	QPSK	50	24	12.48	12.37	12.48		
20	QPSK	50	50	12.42	12.47	12.53		
20	QPSK	100	0	12.43	12.48	12.39		
20	16QAM	1	0	12.13	12.35	12.22	13.5	0
20	16QAM	1	49	12.31	12.55	12.36		
20	16QAM	1	99	12.09	12.52	12.32		
20	16QAM	50	0	11.92	12.10	12.17	13.5	0
20	16QAM	50	24	12.22	12.16	12.25		
20	16QAM	50	50	12.07	12.21	12.29		
20	16QAM	100	0	12.14	12.10	12.19		
20	64QAM	1	0	12.04	12.25	12.12	13.5	0
20	64QAM	1	49	11.82	12.38	11.98		
20	64QAM	1	99	11.66	12.01	12.56		
20	64QAM	50	0	12.19	12.27	12.43	13.5	0
20	64QAM	50	24	12.24	12.32	12.34		
20	64QAM	50	50	12.35	12.54	12.42		
20	64QAM	100	0	12.21	12.31	12.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.23	12.50	12.47	13.5	0
15	QPSK	1	37	12.21	12.23	12.39		
15	QPSK	1	74	12.07	12.12	12.27		
15	QPSK	36	0	12.44	12.41	12.45	13.5	0
15	QPSK	36	20	12.35	12.23	12.33		
15	QPSK	36	39	12.36	12.41	12.48		
15	QPSK	75	0	12.29	12.33	12.28		
15	16QAM	1	0	12.08	12.30	12.10	13.5	0
15	16QAM	1	37	12.24	12.46	12.26		
15	16QAM	1	74	11.96	12.41	12.27		
15	16QAM	36	0	11.79	11.94	12.04	13.5	0
15	16QAM	36	20	12.07	12.00	12.12		
15	16QAM	36	39	12.01	12.09	12.16		
15	16QAM	75	0	12.08	11.96	12.03		
15	64QAM	1	0	11.97	12.11	12.00	13.5	0
15	64QAM	1	37	11.73	12.25	11.92		
15	64QAM	1	74	11.55	11.88	12.49		
15	64QAM	36	0	12.06	12.20	12.35	13.5	0
15	64QAM	36	20	12.08	12.27	12.21		
15	64QAM	36	39	12.29	12.47	12.33		
15	64QAM	75	0	12.06	12.22	12.39		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.20	12.49	12.36	13.5	0
10	QPSK	1	25	12.14	12.22	12.41		
10	QPSK	1	49	12.04	12.08	12.29		
10	QPSK	25	0	12.40	12.49	12.45	13.5	0
10	QPSK	25	12	12.41	12.21	12.34		
10	QPSK	25	25	12.37	12.36	12.37		
10	QPSK	50	0	12.35	12.40	12.30		
10	16QAM	1	0	11.97	12.26	12.14	13.5	0
10	16QAM	1	25	12.16	12.45	12.30		
10	16QAM	1	49	11.96	12.39	12.20		
10	16QAM	25	0	11.87	11.98	12.05	13.5	0
10	16QAM	25	12	12.15	12.02	12.13		
10	16QAM	25	25	11.92	12.14	12.18		
10	16QAM	50	0	12.05	12.01	12.04		
10	64QAM	1	0	11.95	12.18	12.03	13.5	0
10	64QAM	1	25	11.71	12.25	11.82		
10	64QAM	1	49	11.55	11.92	12.50		
10	64QAM	25	0	12.14	12.11	12.36	13.5	0
10	64QAM	25	12	12.18	12.17	12.24		
10	64QAM	25	25	12.26	12.48	12.35		
10	64QAM	50	0	12.06	12.16	12.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.24	12.51	12.43	13.5	0
5	QPSK	1	12	12.14	12.27	12.35		
5	QPSK	1	24	12.08	12.04	12.28		
5	QPSK	12	0	12.44	12.42	12.46	13.5	0
5	QPSK	12	7	12.33	12.29	12.34		
5	QPSK	12	13	12.34	12.38	12.47		
5	QPSK	25	0	12.35	12.39	12.31		
5	16QAM	1	0	12.05	12.26	12.17	13.5	0
5	16QAM	1	12	12.21	12.45	12.21		
5	16QAM	1	24	12.02	12.41	12.21		
5	16QAM	12	0	11.84	11.98	12.10	13.5	0
5	16QAM	12	7	12.15	12.00	12.15		
5	16QAM	12	13	11.95	12.11	12.17		
5	16QAM	25	0	12.06	12.02	12.13		
5	64QAM	1	0	11.95	12.17	11.98	13.5	0
5	64QAM	1	12	11.70	12.32	11.92		
5	64QAM	1	24	11.54	11.88	12.43		
5	64QAM	12	0	12.05	12.22	12.32	13.5	0
5	64QAM	12	7	12.11	12.23	12.20		
5	64QAM	12	13	12.27	12.39	12.32		
5	64QAM	25	0	12.11	12.18	12.38		

Band 66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	10.17	10.29	9.80	11	0
20	QPSK	1	49	10.11	10.09	9.76		
20	QPSK	1	99	9.87	9.81	9.74		
20	QPSK	50	0	10.11	10.14	9.88	11	0
20	QPSK	50	24	10.09	9.94	9.82		
20	QPSK	50	50	10.10	9.90	9.80		
20	QPSK	100	0	10.05	10.15	9.72		
20	16QAM	1	0	10.25	9.82	9.79	11	0
20	16QAM	1	49	10.01	10.12	9.76		
20	16QAM	1	99	9.65	9.89	9.29		
20	16QAM	50	0	9.62	9.67	9.26	11	0
20	16QAM	50	24	9.64	9.52	9.41		
20	16QAM	50	50	9.54	9.57	9.32		
20	16QAM	100	0	9.59	9.54	9.32		
20	64QAM	1	0	10.08	9.98	9.72	11	0
20	64QAM	1	49	10.11	9.52	9.31		
20	64QAM	1	99	9.77	9.66	9.35		
20	64QAM	50	0	9.98	10.04	9.85	11	0
20	64QAM	50	24	10.11	9.89	9.80		
20	64QAM	50	50	10.08	9.98	9.64		
20	64QAM	100	0	10.03	9.83	9.72		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.12	10.22	9.67	11	0
15	QPSK	1	37	9.97	10.04	9.65		
15	QPSK	1	74	9.78	9.72	9.66		
15	QPSK	36	0	10.00	10.09	9.77	11	0
15	QPSK	36	20	9.97	9.82	9.75		
15	QPSK	36	39	10.04	9.75	9.75		
15	QPSK	75	0	9.99	10.09	9.65		
15	16QAM	1	0	10.11	9.74	9.73	11	0
15	16QAM	1	37	9.90	10.03	9.71		
15	16QAM	1	74	9.50	9.74	9.20		
15	16QAM	36	0	9.46	9.60	9.20	11	0
15	16QAM	36	20	9.57	9.36	9.30		
15	16QAM	36	39	9.40	9.44	9.26		
15	16QAM	75	0	9.45	9.42	9.23		
15	64QAM	1	0	9.95	9.85	9.66	11	0
15	64QAM	1	37	10.00	9.43	9.22		
15	64QAM	1	74	9.66	9.56	9.19		
15	64QAM	36	0	9.85	9.96	9.73	11	0
15	64QAM	36	20	10.05	9.79	9.68		
15	64QAM	36	39	9.94	9.86	9.52		
15	64QAM	75	0	9.91	9.73	9.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	10.09	10.15	9.73	11	0
10	QPSK	1	25	10.00	10.04	9.69		
10	QPSK	1	49	9.73	9.70	9.58		
10	QPSK	25	0	10.02	10.02	9.78	11	0
10	QPSK	25	12	9.98	9.80	9.77		
10	QPSK	25	25	10.04	9.83	9.73		
10	QPSK	50	0	9.90	10.06	9.86		
10	16QAM	1	0	10.12	9.74	9.72	11	0
10	16QAM	1	25	9.90	10.06	9.65		
10	16QAM	1	49	9.49	9.74	9.18		
10	16QAM	25	0	9.51	9.57	9.17	11	0
10	16QAM	25	12	9.49	9.37	9.35		
10	16QAM	25	25	9.38	9.41	9.17		
10	16QAM	50	0	9.53	9.46	9.18		
10	64QAM	1	0	10.01	9.90	9.67	11	0
10	64QAM	1	25	10.05	9.38	9.15		
10	64QAM	1	49	9.69	9.55	9.30		
10	64QAM	25	0	9.85	9.98	9.79	11	0
10	64QAM	25	12	9.96	9.83	9.67		
10	64QAM	25	25	9.92	9.93	9.49		
10	64QAM	50	0	9.97	9.74	9.58		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	10.06	10.19	9.70	11	0
5	QPSK	1	12	9.96	9.93	9.64		
5	QPSK	1	24	9.73	9.68	9.67		
5	QPSK	12	0	9.98	10.02	9.82	11	0
5	QPSK	12	7	10.04	9.79	9.71		
5	QPSK	12	13	9.98	9.81	9.71		
5	QPSK	25	0	9.95	10.01	9.67		
5	16QAM	1	0	10.14	9.69	9.74	11	0
5	16QAM	1	12	9.90	10.06	9.69		
5	16QAM	1	24	9.49	9.80	9.13		
5	16QAM	12	0	9.51	9.62	9.12	11	0
5	16QAM	12	7	9.58	9.45	9.25		
5	16QAM	12	13	9.42	9.45	9.21		
5	16QAM	25	0	9.43	9.38	9.20		
5	64QAM	1	0	9.98	9.85	9.61	11	0
5	64QAM	1	12	10.01	9.47	9.26		
5	64QAM	1	24	9.65	9.59	9.27		
5	64QAM	12	0	9.88	9.92	9.79	11	0
5	64QAM	12	7	10.05	9.75	9.69		
5	64QAM	12	13	9.92	9.91	9.56		
5	64QAM	25	0	9.98	9.73	9.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	10.05	10.22	9.65	11	0
3	QPSK	1	8	10.01	9.97	9.60		
3	QPSK	1	14	9.74	9.68	9.60		
3	QPSK	8	0	10.05	10.01	9.78	11	0
3	QPSK	8	4	9.99	9.89	9.74		
3	QPSK	8	7	9.99	9.74	9.66		
3	QPSK	15	0	9.96	10.07	9.57		
3	16QAM	1	0	10.12	9.69	9.66	11	0
3	16QAM	1	8	9.95	9.96	9.66		
3	16QAM	1	14	9.55	9.77	9.24		
3	16QAM	8	0	9.57	9.60	9.18	11	0
3	16QAM	8	4	9.59	9.39	9.31		
3	16QAM	8	7	9.44	9.42	9.22		
3	16QAM	15	0	9.45	9.46	9.20		
3	64QAM	1	0	9.95	9.83	9.58	11	0
3	64QAM	1	8	9.96	9.39	9.26		
3	64QAM	1	14	9.65	9.61	9.24		
3	64QAM	8	0	9.87	9.90	9.79	11	0
3	64QAM	8	4	10.00	9.83	9.67		
3	64QAM	8	7	10.03	9.91	9.49		
3	64QAM	15	0	9.98	9.74	9.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	10.11	10.17	9.64	11	0
1.4	QPSK	1	3	10.00	9.93	9.67		
1.4	QPSK	1	5	9.76	9.65	9.62		
1.4	QPSK	3	0	10.02	9.99	9.77		
1.4	QPSK	3	1	9.99	9.79	9.75		
1.4	QPSK	3	3	10.03	9.74	9.65		
1.4	QPSK	6	0	9.98	10.01	9.61	11	0
1.4	16QAM	1	0	10.12	9.68	9.70	11	0
1.4	16QAM	1	3	9.91	10.01	9.61		
1.4	16QAM	1	5	9.57	9.81	9.14		
1.4	16QAM	3	0	9.48	9.56	9.18		
1.4	16QAM	3	1	9.52	9.38	9.25		
1.4	16QAM	3	3	9.47	9.46	9.24		
1.4	16QAM	6	0	9.54	9.40	9.17	11	0
1.4	64QAM	1	0	10.01	9.90	9.58	11	0
1.4	64QAM	1	3	10.06	9.47	9.15		
1.4	64QAM	1	5	9.61	9.55	9.23		
1.4	64QAM	3	0	9.82	9.99	9.78		
1.4	64QAM	3	1	9.97	9.73	9.69		
1.4	64QAM	3	3	9.92	9.84	9.53		
1.4	64QAM	6	0	9.94	9.68	9.67	11	0

Band 66_Ant 31

BW [MHz]	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	14.19	14.28	14.23	15	0
20	QPSK	1	49	14.18	14.26	14.22		
20	QPSK	1	99	13.92	14.14	14.22		
20	QPSK	50	0	14.23	14.27	14.24	15	0
20	QPSK	50	24	14.18	14.20	14.23		
20	QPSK	50	50	14.06	14.18	14.17		
20	QPSK	100	0	14.14	14.21	14.15		
20	16QAM	1	0	13.87	14.18	14.13	15	0
20	16QAM	1	49	14.05	13.97	14.22		
20	16QAM	1	99	14.15	13.97	14.17		
20	16QAM	50	0	13.53	13.77	13.73	15	0
20	16QAM	50	24	13.83	13.82	13.70		
20	16QAM	50	50	13.76	13.84	13.85		
20	16QAM	100	0	13.74	13.70	13.85		
20	64QAM	1	0	13.91	13.93	13.75	15	0
20	64QAM	1	49	13.98	13.50	13.73		
20	64QAM	1	99	13.91	13.81	13.73		
20	64QAM	50	0	14.10	14.00	14.13	15	0
20	64QAM	50	24	14.17	14.06	14.18		
20	64QAM	50	50	14.13	14.10	14.13		
20	64QAM	100	0	14.11	14.19	14.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.08	14.17	14.17	15	0
15	QPSK	1	37	14.10	14.14	14.09		
15	QPSK	1	74	13.82	14.01	14.06		
15	QPSK	36	0	14.10	14.21	14.12	15	0
15	QPSK	36	20	14.10	14.11	14.13		
15	QPSK	36	39	13.92	14.12	14.03		
15	QPSK	75	0	13.98	14.06	14.08		
15	16QAM	1	0	13.73	14.08	14.04	15	0
15	16QAM	1	37	13.90	13.91	14.09		
15	16QAM	1	74	14.06	13.81	14.04		
15	16QAM	36	0	13.42	13.65	13.57	15	0
15	16QAM	36	20	13.74	13.66	13.60		
15	16QAM	36	39	13.67	13.68	13.75		
15	16QAM	75	0	13.58	13.54	13.73		
15	64QAM	1	0	13.80	13.81	13.70	15	0
15	64QAM	1	37	13.91	13.35	13.63		
15	64QAM	1	74	13.82	13.74	13.57		
15	64QAM	36	0	13.94	13.90	13.98	15	0
15	64QAM	36	20	14.02	13.95	14.04		
15	64QAM	36	39	14.01	13.95	14.00		
15	64QAM	75	0	14.06	14.06	13.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.14	14.13	14.18	15	0
10	QPSK	1	25	14.13	14.18	14.10		
10	QPSK	1	49	13.80	14.09	14.07		
10	QPSK	25	0	14.12	14.13	14.08	15	0
10	QPSK	25	12	14.06	14.11	14.08		
10	QPSK	25	25	13.94	14.08	14.07		
10	QPSK	50	0	14.08	14.09	14.07		
10	16QAM	1	0	13.77	14.12	14.04	15	0
10	16QAM	1	25	13.93	13.91	14.09		
10	16QAM	1	49	14.01	13.86	14.12		
10	16QAM	25	0	13.44	13.62	13.65	15	0
10	16QAM	25	12	13.77	13.69	13.54		
10	16QAM	25	25	13.63	13.72	13.79		
10	16QAM	50	0	13.60	13.62	13.78		
10	64QAM	1	0	13.84	13.85	13.69	15	0
10	64QAM	1	25	13.86	13.38	13.61		
10	64QAM	1	49	13.76	13.74	13.64		
10	64QAM	25	0	14.03	13.93	14.02	15	0
10	64QAM	25	12	14.10	13.97	14.06		
10	64QAM	25	25	14.03	14.02	13.99		
10	64QAM	50	0	14.02	14.13	14.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.14	14.17	14.16	15	0
5	QPSK	1	12	14.09	14.17	14.11		
5	QPSK	1	24	13.85	14.00	14.09		
5	QPSK	12	0	14.11	14.19	14.17	15	0
5	QPSK	12	7	14.12	14.14	14.15		
5	QPSK	12	13	14.01	14.03	14.09		
5	QPSK	25	0	14.04	14.12	14.10		
5	16QAM	1	0	13.71	14.12	14.07	15	0
5	16QAM	1	12	13.99	13.91	14.11		
5	16QAM	1	24	14.03	13.91	14.02		
5	16QAM	12	0	13.40	13.71	13.57	15	0
5	16QAM	12	7	13.77	13.71	13.55		
5	16QAM	12	13	13.69	13.74	13.69		
5	16QAM	25	0	13.69	13.56	13.70		
5	64QAM	1	0	13.84	13.86	13.67	15	0
5	64QAM	1	12	13.86	13.45	13.66		
5	64QAM	1	24	13.77	13.72	13.68		
5	64QAM	12	0	13.97	13.85	14.00	15	0
5	64QAM	12	7	14.03	13.92	14.09		
5	64QAM	12	13	14.06	14.02	14.04		
5	64QAM	25	0	13.99	14.04	14.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.06	14.20	14.11	15	0
3	QPSK	1	8	14.11	14.19	14.17		
3	QPSK	1	14	13.79	14.04	14.10		
3	QPSK	8	0	14.18	14.12	14.14	15	0
3	QPSK	8	4	14.03	14.07	14.17		
3	QPSK	8	7	13.92	14.10	14.10		
3	QPSK	15	0	14.09	14.12	14.02		
3	16QAM	1	0	13.75	14.12	13.99	15	0
3	16QAM	1	8	13.89	13.89	14.14		
3	16QAM	1	14	14.05	13.89	14.03		
3	16QAM	8	0	13.42	13.68	13.65	15	0
3	16QAM	8	4	13.72	13.77	13.57		
3	16QAM	8	7	13.70	13.70	13.72		
3	16QAM	15	0	13.64	13.60	13.72		
3	64QAM	1	0	13.76	13.81	13.63	15	0
3	64QAM	1	8	13.82	13.38	13.65		
3	64QAM	1	14	13.75	13.65	13.66		
3	64QAM	8	0	13.94	13.92	14.08	15	0
3	64QAM	8	4	14.06	13.97	14.02		
3	64QAM	8	7	13.98	13.95	14.08		
3	64QAM	15	0	13.98	14.07	14.02		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.08	14.13	14.18	15	0
1.4	QPSK	1	3	14.03	14.12	14.17		
1.4	QPSK	1	5	13.76	14.07	14.15		
1.4	QPSK	3	0	14.07	14.16	14.10		
1.4	QPSK	3	1	14.09	14.12	14.15		
1.4	QPSK	3	3	14.01	14.09	14.01		
1.4	QPSK	6	0	13.99	14.09	14.03	15	0
1.4	16QAM	1	0	13.78	14.09	13.98	15	0
1.4	16QAM	1	3	13.99	13.90	14.16		
1.4	16QAM	1	5	14.04	13.87	14.09		
1.4	16QAM	3	0	13.40	13.69	13.66		
1.4	16QAM	3	1	13.67	13.75	13.57		
1.4	16QAM	3	3	13.66	13.79	13.77		
1.4	16QAM	6	0	13.60	13.61	13.72	15	0
1.4	64QAM	1	0	13.86	13.78	13.67	15	0
1.4	64QAM	1	3	13.82	13.42	13.67		
1.4	64QAM	1	5	13.84	13.71	13.65		
1.4	64QAM	3	0	13.96	13.86	14.05		
1.4	64QAM	3	1	14.04	13.96	14.04		
1.4	64QAM	3	3	14.02	13.98	13.97		
1.4	64QAM	6	0	14.00	14.04	14.05	15	0

Band 66_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.40	12.57	12.21	13.5	0
20	QPSK	1	49	12.38	12.27	12.17		
20	QPSK	1	99	12.10	12.08	11.86		
20	QPSK	50	0	12.42	12.47	12.26	13.5	0
20	QPSK	50	24	12.40	12.25	12.21		
20	QPSK	50	50	12.41	12.28	12.14		
20	QPSK	100	0	11.90	11.91	11.66		
20	16QAM	1	0	12.18	12.38	12.14	13.5	0
20	16QAM	1	49	12.27	11.94	12.17		
20	16QAM	1	99	12.51	12.38	12.32		
20	16QAM	50	0	11.92	12.09	11.73	13.5	0
20	16QAM	50	24	11.99	12.00	11.77		
20	16QAM	50	50	11.98	11.89	11.75		
20	16QAM	100	0	12.01	11.96	11.68		
20	64QAM	1	0	12.30	12.48	12.48	13.5	0
20	64QAM	1	49	12.10	12.21	12.30		
20	64QAM	1	99	11.92	12.26	12.13		
20	64QAM	50	0	12.30	12.42	12.11	13.5	0
20	64QAM	50	24	12.41	12.31	12.28		
20	64QAM	50	50	12.45	12.35	12.01		
20	64QAM	100	0	12.33	12.27	12.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.24	12.42	12.10	13.5	0
15	QPSK	1	37	12.32	12.20	12.04		
15	QPSK	1	74	12.03	11.93	11.80		
15	QPSK	36	0	12.27	12.38	12.14	13.5	0
15	QPSK	36	20	12.28	12.15	12.09		
15	QPSK	36	39	12.25	12.22	12.00		
15	QPSK	75	0	11.84	11.85	11.52		
15	16QAM	1	0	12.06	12.32	12.00	13.5	0
15	16QAM	1	37	12.15	11.78	12.08		
15	16QAM	1	74	12.40	12.22	12.27		
15	16QAM	36	0	11.85	12.02	11.65	13.5	0
15	16QAM	36	20	11.92	11.88	11.70		
15	16QAM	36	39	11.83	11.75	11.60		
15	16QAM	75	0	11.92	11.82	11.58		
15	64QAM	1	0	12.22	12.39	12.35	13.5	0
15	64QAM	1	37	12.01	12.08	12.22		
15	64QAM	1	74	11.83	12.18	12.06		
15	64QAM	36	0	12.17	12.26	11.95	13.5	0
15	64QAM	36	20	12.32	12.21	12.22		
15	64QAM	36	39	12.37	12.30	11.85		
15	64QAM	75	0	12.28	12.22	11.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.33	12.49	12.12	13.5	0
10	QPSK	1	25	12.27	12.18	12.10		
10	QPSK	1	49	12.05	11.94	11.80		
10	QPSK	25	0	12.34	12.32	12.20	13.5	0
10	QPSK	25	12	12.24	12.19	12.11		
10	QPSK	25	25	12.25	12.22	12.09		
10	QPSK	50	0	11.78	11.79	11.51		
10	16QAM	1	0	12.13	12.26	12.03	13.5	0
10	16QAM	1	25	12.20	11.85	12.08		
10	16QAM	1	49	12.43	12.26	12.25		
10	16QAM	25	0	11.85	11.99	11.65	13.5	0
10	16QAM	25	12	11.83	11.86	11.63		
10	16QAM	25	25	11.91	11.79	11.61		
10	16QAM	50	0	11.94	11.86	11.56		
10	64QAM	1	0	12.15	12.38	12.42	13.5	0
10	64QAM	1	25	11.95	12.13	12.18		
10	64QAM	1	49	11.76	12.21	12.04		
10	64QAM	25	0	12.16	12.30	12.04	13.5	0
10	64QAM	25	12	12.34	12.21	12.22		
10	64QAM	25	25	12.38	12.27	11.86		
10	64QAM	50	0	12.20	12.15	11.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.29	12.42	12.09	13.5	0
5	QPSK	1	12	12.27	12.16	12.03		
5	QPSK	1	24	11.94	11.93	11.81		
5	QPSK	12	0	12.34	12.40	12.20	13.5	0
5	QPSK	12	7	12.34	12.14	12.07		
5	QPSK	12	13	12.26	12.22	11.99		
5	QPSK	25	0	11.84	11.84	11.58		
5	16QAM	1	0	12.05	12.26	12.04	13.5	0
5	16QAM	1	12	12.20	11.81	12.10		
5	16QAM	1	24	12.38	12.23	12.22		
5	16QAM	12	0	11.86	12.00	11.63	13.5	0
5	16QAM	12	7	11.86	11.91	11.65		
5	16QAM	12	13	11.93	11.76	11.69		
5	16QAM	25	0	11.95	11.86	11.61		
5	64QAM	1	0	12.23	12.35	12.33	13.5	0
5	64QAM	1	12	11.98	12.11	12.23		
5	64QAM	1	24	11.79	12.19	11.98		
5	64QAM	12	0	12.20	12.26	11.97	13.5	0
5	64QAM	12	7	12.30	12.17	12.23		
5	64QAM	12	13	12.29	12.28	11.92		
5	64QAM	25	0	12.25	12.20	12.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.29	12.46	12.08	13.5	0
3	QPSK	1	8	12.28	12.22	12.02		
3	QPSK	1	14	11.94	12.01	11.79		
3	QPSK	8	0	12.36	12.33	12.15	13.5	0
3	QPSK	8	4	12.24	12.19	12.13		
3	QPSK	8	7	12.34	12.20	12.08		
3	QPSK	15	0	11.75	11.84	11.50		
3	16QAM	1	0	12.03	12.22	12.05	13.5	0
3	16QAM	1	8	12.14	11.78	12.10		
3	16QAM	1	14	12.40	12.29	12.26		
3	16QAM	8	0	11.79	11.98	11.59	13.5	0
3	16QAM	8	4	11.88	11.86	11.67		
3	16QAM	8	7	11.85	11.82	11.62		
3	16QAM	15	0	11.93	11.87	11.54		
3	64QAM	1	0	12.15	12.36	12.37	13.5	0
3	64QAM	1	8	11.96	12.06	12.20		
3	64QAM	1	14	11.78	12.16	12.06		
3	64QAM	8	0	12.22	12.31	11.96	13.5	0
3	64QAM	8	4	12.36	12.20	12.18		
3	64QAM	8	7	12.40	12.26	11.86		
3	64QAM	15	0	12.19	12.19	11.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.30	12.46	12.11	13.5	0
1.4	QPSK	1	3	12.30	12.20	12.02		
1.4	QPSK	1	5	12.04	12.01	11.79		
1.4	QPSK	3	0	12.26	12.37	12.15		
1.4	QPSK	3	1	12.30	12.18	12.10		
1.4	QPSK	3	3	12.27	12.15	12.02		
1.4	QPSK	6	0	11.82	11.85	11.51	13.5	0
1.4	16QAM	1	0	12.12	12.28	12.01	13.5	0
1.4	16QAM	1	3	12.15	11.87	12.06		
1.4	16QAM	1	5	12.37	12.23	12.22		
1.4	16QAM	3	0	11.78	12.01	11.63		
1.4	16QAM	3	1	11.90	11.87	11.64		
1.4	16QAM	3	3	11.84	11.80	11.66		
1.4	16QAM	6	0	11.85	11.87	11.56	13.5	0
1.4	64QAM	1	0	12.20	12.33	12.40	13.5	0
1.4	64QAM	1	3	11.96	12.13	12.14		
1.4	64QAM	1	5	11.83	12.18	12.03		
1.4	64QAM	3	0	12.15	12.30	12.04		
1.4	64QAM	3	1	12.32	12.21	12.20		
1.4	64QAM	3	3	12.32	12.28	11.89		
1.4	64QAM	6	0	12.24	12.14	12.01	13.5	0

Band 38_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.49	15.60	15.36	16.2	0
20	QPSK	1	49	15.40	15.22	15.31		
20	QPSK	1	99	15.28	15.34	15.34		
20	QPSK	50	0	15.48	15.49	15.45	16.2	0
20	QPSK	50	24	15.45	15.24	15.44		
20	QPSK	50	50	15.33	15.39	15.42		
20	QPSK	100	0	15.41	15.46	15.31		
20	16QAM	1	0	15.33	15.16	15.13	16.2	0
20	16QAM	1	49	15.35	15.39	15.17		
20	16QAM	1	99	15.06	15.50	15.26		
20	16QAM	50	0	14.99	14.93	14.97	16.2	0
20	16QAM	50	24	15.00	15.01	15.04		
20	16QAM	50	50	15.12	15.00	15.03		
20	16QAM	100	0	14.96	14.89	14.99		
20	64QAM	1	0	15.29	15.15	15.10	16.2	0
20	64QAM	1	49	15.41	15.09	15.20		
20	64QAM	1	99	14.98	15.18	14.96		
20	64QAM	50	0	15.34	15.33	15.38	16.2	0
20	64QAM	50	24	15.42	15.30	15.42		
20	64QAM	50	50	15.36	15.26	15.45		
20	64QAM	100	0	15.38	15.27	15.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.39	15.52	15.25	16.2	0
15	QPSK	1	37	15.33	15.09	15.17		
15	QPSK	1	74	15.21	15.24	15.18		
15	QPSK	36	0	15.35	15.33	15.30	16.2	0
15	QPSK	36	20	15.32	15.11	15.32		
15	QPSK	36	39	15.26	15.25	15.29		
15	QPSK	75	0	15.34	15.32	15.26		
15	16QAM	1	0	15.24	15.05	15.01	16.2	0
15	16QAM	1	37	15.19	15.24	15.07		
15	16QAM	1	74	15.12	15.41	15.12		
15	16QAM	36	0	15.26	15.41	15.20	16.2	0
15	16QAM	36	20	15.18	15.18	15.08		
15	16QAM	36	39	15.07	15.16	15.05		
15	16QAM	75	0	15.29	15.23	15.22		
15	64QAM	1	0	15.25	15.00	15.17	16.2	0
15	64QAM	1	37	15.13	15.17	15.17		
15	64QAM	1	74	15.24	15.26	15.13		
15	64QAM	36	0	15.11	15.16	15.13	16.2	0
15	64QAM	36	20	15.10	15.12	15.00		
15	64QAM	36	39	15.08	15.32	15.01		
15	64QAM	75	0	15.22	15.21	15.21		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.37	15.47	15.28	16.2	0
10	QPSK	1	25	15.28	15.12	15.15		
10	QPSK	1	49	15.21	15.21	15.25		
10	QPSK	25	0	15.38	15.40	15.35	16.2	0
10	QPSK	25	12	15.37	15.08	15.31		
10	QPSK	25	25	15.27	15.23	15.36		
10	QPSK	50	0	15.26	15.34	15.24		
10	16QAM	1	0	15.21	15.00	15.03	16.2	0
10	16QAM	1	25	15.24	15.29	15.01		
10	16QAM	1	49	15.13	15.45	15.20		
10	16QAM	25	0	15.28	15.36	15.16	16.2	0
10	16QAM	25	12	15.26	15.17	15.02		
10	16QAM	25	25	15.14	15.09	15.06		
10	16QAM	50	0	15.29	15.28	15.18		
10	64QAM	1	0	15.19	15.01	15.21	16.2	0
10	64QAM	1	25	15.13	15.16	15.18		
10	64QAM	1	49	15.29	15.20	15.18		
10	64QAM	25	0	15.13	15.16	15.10	16.2	0
10	64QAM	25	12	15.05	15.12	15.18		
10	64QAM	25	25	15.04	15.27	15.06		
10	64QAM	50	0	15.23	15.12	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.39	15.53	15.27	16.2	0
5	QPSK	1	12	15.29	15.11	15.15		
5	QPSK	1	24	15.23	15.22	15.28		
5	QPSK	12	0	15.32	15.40	15.34	16.2	0
5	QPSK	12	7	15.31	15.09	15.37		
5	QPSK	12	13	15.27	15.27	15.32		
5	QPSK	25	0	15.34	15.33	15.16		
5	16QAM	1	0	15.27	15.10	15.07	16.2	0
5	16QAM	1	12	15.29	15.33	15.05		
5	16QAM	1	24	15.01	15.37	15.12		
5	16QAM	12	0	15.27	15.41	15.09	16.2	0
5	16QAM	12	7	15.18	15.00	15.10		
5	16QAM	12	13	15.15	15.09	15.08		
5	16QAM	25	0	15.29	15.17	15.19		
5	64QAM	1	0	15.27	15.16	15.17	16.2	0
5	64QAM	1	12	15.20	15.16	15.15		
5	64QAM	1	24	15.29	15.23	15.21		
5	64QAM	12	0	15.12	15.18	15.14	16.2	0
5	64QAM	12	7	15.06	15.12	15.12		
5	64QAM	12	13	15.08	15.26	15.04		
5	64QAM	25	0	15.33	15.16	15.26		

Band 38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.19	16.48	16.27	17	0
20	QPSK	1	49	16.09	16.21	16.36		
20	QPSK	1	99	16.08	16.16	16.15		
20	QPSK	50	0	16.38	16.39	16.34	17	0
20	QPSK	50	24	16.32	16.22	16.19		
20	QPSK	50	50	16.27	16.13	16.18		
20	QPSK	100	0	16.28	16.47	16.41		
20	16QAM	1	0	15.84	15.80	15.86	17	0
20	16QAM	1	49	15.86	15.78	15.94		
20	16QAM	1	99	16.14	15.99	16.01		
20	16QAM	50	0	16.24	16.18	16.24	17	0
20	16QAM	50	24	16.02	16.14	16.21		
20	16QAM	50	50	15.75	15.81	15.74		
20	16QAM	100	0	15.85	15.81	15.90		
20	64QAM	1	0	15.96	15.93	15.97	17	0
20	64QAM	1	49	15.80	15.74	15.93		
20	64QAM	1	99	16.13	15.92	16.20		
20	64QAM	50	0	16.34	16.13	16.28	17	0
20	64QAM	50	24	16.25	16.42	16.38		
20	64QAM	50	50	16.18	16.16	16.21		
20	64QAM	100	0	16.13	16.23	16.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.07	16.37	16.12	17	0
15	QPSK	1	37	16.00	16.12	16.29		
15	QPSK	1	74	15.93	16.00	16.07		
15	QPSK	36	0	16.25	16.24	16.20	17	0
15	QPSK	36	20	16.21	16.16	16.04		
15	QPSK	36	39	16.20	16.06	16.05		
15	QPSK	75	0	16.20	16.35	16.30		
15	16QAM	1	0	15.69	15.65	15.74	17	0
15	16QAM	1	37	15.79	15.65	15.85		
15	16QAM	1	74	16.04	15.89	15.91		
15	16QAM	36	0	16.16	16.10	16.17	17	0
15	16QAM	36	20	15.90	16.06	16.08		
15	16QAM	36	39	15.65	15.65	15.59		
15	16QAM	75	0	15.80	15.71	15.75		
15	64QAM	1	0	15.87	15.79	15.84	17	0
15	64QAM	1	37	15.70	15.69	15.79		
15	64QAM	1	74	16.03	15.78	16.04		
15	64QAM	36	0	16.18	16.01	16.12	17	0
15	64QAM	36	20	16.14	16.32	16.22		
15	64QAM	36	39	16.10	16.10	16.12		
15	64QAM	75	0	16.05	16.07	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.05	16.37	16.11	17	0
10	QPSK	1	25	15.96	16.13	16.30		
10	QPSK	1	49	15.94	16.04	16.08		
10	QPSK	25	0	16.32	16.23	16.19	17	0
10	QPSK	25	12	16.27	16.17	16.10		
10	QPSK	25	25	16.20	16.01	16.12		
10	QPSK	50	0	16.14	16.37	16.27		
10	16QAM	1	0	15.73	15.74	15.77	17	0
10	16QAM	1	25	15.73	15.72	15.80		
10	16QAM	1	49	16.07	15.89	15.89		
10	16QAM	25	0	16.16	16.13	16.17	17	0
10	16QAM	25	12	15.91	16.04	16.07		
10	16QAM	25	25	15.59	15.66	15.58		
10	16QAM	50	0	15.79	15.67	15.84		
10	64QAM	1	0	15.87	15.81	15.85	17	0
10	64QAM	1	25	15.67	15.65	15.83		
10	64QAM	1	49	16.05	15.78	16.09		
10	64QAM	25	0	16.25	15.99	16.19	17	0
10	64QAM	25	12	16.20	16.31	16.29		
10	64QAM	25	25	16.13	16.05	16.06		
10	64QAM	50	0	15.99	16.08	16.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.11	16.38	16.12	17	0
5	QPSK	1	12	15.98	16.16	16.22		
5	QPSK	1	24	16.03	16.08	16.06		
5	QPSK	12	0	16.22	16.26	16.28	17	0
5	QPSK	12	7	16.19	16.11	16.10		
5	QPSK	12	13	16.18	16.00	16.02		
5	QPSK	25	0	16.14	16.34	16.25		
5	16QAM	1	0	15.76	15.69	15.74	17	0
5	16QAM	1	12	15.71	15.68	15.80		
5	16QAM	1	24	16.02	15.89	15.95		
5	16QAM	12	0	16.10	16.07	16.10	17	0
5	16QAM	12	7	15.91	16.04	16.15		
5	16QAM	12	13	15.64	15.70	15.59		
5	16QAM	25	0	15.79	15.73	15.74		
5	64QAM	1	0	15.90	15.84	15.89	17	0
5	64QAM	1	12	15.68	15.68	15.80		
5	64QAM	1	24	16.05	15.80	16.05		
5	64QAM	12	0	16.18	16.07	16.21	17	0
5	64QAM	12	7	16.09	16.31	16.23		
5	64QAM	12	13	16.10	16.07	16.11		
5	64QAM	25	0	16.01	16.11	16.24		

Band 38_Ant 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.34	15.61	15.52	17	0
20	QPSK	1	49	15.29	15.31	15.50		
20	QPSK	1	99	15.26	15.28	15.36		
20	QPSK	50	0	15.45	15.54	15.39	17	0
20	QPSK	50	24	15.44	15.44	15.49		
20	QPSK	50	50	15.39	15.37	15.37		
20	QPSK	100	0	15.38	15.52	15.43		
20	16QAM	1	0	15.05	15.05	15.14	17	0
20	16QAM	1	49	15.10	15.02	15.09		
20	16QAM	1	99	15.40	15.29	15.42		
20	16QAM	50	0	15.30	15.27	15.36	17	0
20	16QAM	50	24	15.29	15.47	15.24		
20	16QAM	50	50	15.09	15.17	15.15		
20	16QAM	100	0	15.33	15.10	15.22		
20	64QAM	1	0	15.10	15.31	15.26	17	0
20	64QAM	1	49	15.27	15.10	15.31		
20	64QAM	1	99	15.42	15.11	15.31		
20	64QAM	50	0	15.60	15.35	15.52	17	0
20	64QAM	50	24	15.50	15.42	15.59		
20	64QAM	50	50	15.13	15.19	15.22		
20	64QAM	100	0	15.24	15.13	15.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.23	15.52	15.43	17	0
15	QPSK	1	37	15.13	15.18	15.34		
15	QPSK	1	74	15.13	15.17	15.28		
15	QPSK	36	0	15.36	15.43	15.33	17	0
15	QPSK	36	20	15.39	15.28	15.35		
15	QPSK	36	39	15.24	15.30	15.21		
15	QPSK	75	0	15.26	15.45	15.31		
15	16QAM	1	0	15.13	15.12	15.28	17	0
15	16QAM	1	37	15.19	15.09	15.19		
15	16QAM	1	74	15.49	15.35	15.48		
15	16QAM	36	0	15.45	15.35	15.47	17	0
15	16QAM	36	20	15.35	15.51	15.37		
15	16QAM	36	39	15.04	15.04	15.03		
15	16QAM	75	0	15.27	15.13	15.14		
15	64QAM	1	0	15.21	15.26	15.10	17	0
15	64QAM	1	37	15.22	15.11	15.24		
15	64QAM	1	74	15.29	15.12	15.18		
15	64QAM	36	0	15.51	15.19	15.36	17	0
15	64QAM	36	20	15.38	15.34	15.47		
15	64QAM	36	39	15.01	15.07	15.06		
15	64QAM	75	0	15.16	15.03	15.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.24	15.45	15.40	17	0
10	QPSK	1	25	15.13	15.15	15.34		
10	QPSK	1	49	15.13	15.17	15.30		
10	QPSK	25	0	15.36	15.39	15.28	17	0
10	QPSK	25	12	15.28	15.31	15.43		
10	QPSK	25	25	15.29	15.30	15.27		
10	QPSK	50	0	15.27	15.47	15.32		
10	16QAM	1	0	15.17	15.17	15.27	17	0
10	16QAM	1	25	15.17	15.14	15.15		
10	16QAM	1	49	15.49	15.42	15.57		
10	16QAM	25	0	15.35	15.34	15.49	17	0
10	16QAM	25	12	15.40	15.61	15.39		
10	16QAM	25	25	15.05	15.10	15.04		
10	16QAM	50	0	15.20	15.03	15.11		
10	64QAM	1	0	15.02	15.23	15.10	17	0
10	64QAM	1	25	15.13	15.04	15.17		
10	64QAM	1	49	15.26	15.03	15.23		
10	64QAM	25	0	15.54	15.25	15.38	17	0
10	64QAM	25	12	15.34	15.37	15.52		
10	64QAM	25	25	15.05	15.08	15.06		
10	64QAM	50	0	15.15	15.03	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.24	15.51	15.38	17	0
5	QPSK	1	12	15.24	15.23	15.44		
5	QPSK	1	24	15.20	15.20	15.26		
5	QPSK	12	0	15.38	15.47	15.34	17	0
5	QPSK	12	7	15.38	15.33	15.37		
5	QPSK	12	13	15.29	15.21	15.29		
5	QPSK	25	0	15.29	15.38	15.38		
5	16QAM	1	0	15.20	15.15	15.23	17	0
5	16QAM	1	12	15.19	15.06	15.17		
5	16QAM	1	24	15.51	15.42	15.46		
5	16QAM	12	0	15.42	15.36	15.40	17	0
5	16QAM	12	7	15.40	15.58	15.28		
5	16QAM	12	13	15.21	15.11	15.10		
5	16QAM	25	0	15.28	15.01	15.12		
5	64QAM	1	0	15.03	15.21	15.10	17	0
5	64QAM	1	12	15.18	15.12	15.25		
5	64QAM	1	24	15.26	15.01	15.26		
5	64QAM	12	0	15.51	15.19	15.41	17	0
5	64QAM	12	7	15.35	15.34	15.43		
5	64QAM	12	13	15.07	15.12	15.11		
5	64QAM	25	0	15.15	15.02	15.26		

Band 41_Ant 13

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	15.34	15.42	15.64	15.40	15.24	16	0
20	QPSK	1	49	15.27	15.36	15.19	15.25	15.11		
20	QPSK	1	99	15.23	15.26	15.26	15.34	15.06		
20	QPSK	50	0	15.53	15.48	15.55	15.51	15.32	16	0
20	QPSK	50	24	15.52	15.46	15.30	15.47	15.17		
20	QPSK	50	50	15.50	15.41	15.34	15.42	15.23		
20	QPSK	100	0	15.50	15.43	15.58	15.42	15.18		
20	16QAM	1	0	15.14	15.04	15.45	15.11	15.12	16	0
20	16QAM	1	49	15.37	15.36	15.15	15.62	15.35		
20	16QAM	1	99	15.21	15.16	15.28	15.01	15.22		
20	16QAM	50	0	15.51	15.49	15.22	15.32	15.14	16	0
20	16QAM	50	24	15.50	15.52	15.22	15.36	15.11		
20	16QAM	50	50	15.44	15.49	15.31	15.32	15.20		
20	16QAM	100	0	15.50	15.39	15.21	15.36	15.25		
20	64QAM	1	0	14.93	15.10	15.08	15.14	15.08	16	0
20	64QAM	1	49	15.09	15.18	14.85	14.94	15.02		
20	64QAM	1	99	14.76	15.12	15.26	15.29	15.03		
20	64QAM	50	0	15.38	15.32	15.23	15.26	15.22	16	0
20	64QAM	50	24	15.51	15.47	15.29	15.39	15.17		
20	64QAM	50	50	15.48	15.49	15.34	15.35	15.21		
20	64QAM	100	0	15.43	15.41	15.26	15.35	15.19		
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	15.22	15.30	15.57	15.26	15.14	16	0
15	QPSK	1	37	15.16	15.29	15.04	15.11	15.00		
15	QPSK	1	74	15.10	15.14	15.16	15.23	14.93		
15	QPSK	36	0	15.40	15.40	15.43	15.42	15.19	16	0
15	QPSK	36	20	15.45	15.30	15.22	15.32	15.09		
15	QPSK	36	39	15.38	15.33	15.29	15.26	15.09		
15	QPSK	75	0	15.42	15.29	15.42	15.32	15.07		
15	16QAM	1	0	15.07	14.88	15.36	14.97	15.02	16	0
15	16QAM	1	37	15.23	15.21	15.02	15.49	15.20		
15	16QAM	1	74	15.15	15.09	15.14	14.87	15.16		
15	16QAM	36	0	15.46	15.39	15.12	15.19	15.09	16	0
15	16QAM	36	20	15.37	15.47	15.12	15.21	15.06		
15	16QAM	36	39	15.37	15.42	15.18	15.25	15.06		
15	16QAM	75	0	15.42	15.26	15.06	15.22	15.15		
15	64QAM	1	0	14.88	14.97	14.95	15.05	14.96	16	0
15	64QAM	1	37	15.02	15.08	14.78	14.78	14.93		
15	64QAM	1	74	14.69	15.07	15.18	15.13	14.87		
15	64QAM	36	0	15.31	15.25	15.15	15.20	15.16	16	0
15	64QAM	36	20	15.42	15.35	15.15	15.23	15.11		
15	64QAM	36	39	15.34	15.33	15.23	15.28	15.08		
15	64QAM	75	0	15.37	15.25	15.10	15.30	15.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.19	15.31	15.55	15.32	15.14	16	0
10	QPSK	1	25	15.17	15.23	15.09	15.14	15.06		
10	QPSK	1	49	15.17	15.18	15.17	15.24	14.95		
10	QPSK	25	0	15.45	15.37	15.45	15.46	15.20	16	0
10	QPSK	25	12	15.41	15.31	15.17	15.31	15.01		
10	QPSK	25	25	15.39	15.32	15.24	15.31	15.11		
10	QPSK	50	0	15.35	15.27	15.45	15.35	15.04		
10	16QAM	1	0	15.00	14.89	15.40	15.02	15.01	16	0
10	16QAM	1	25	15.30	15.20	15.10	15.46	15.23		
10	16QAM	1	49	15.07	15.00	15.23	14.95	15.06		
10	16QAM	25	0	15.39	15.33	15.16	15.16	15.08	16	0
10	16QAM	25	12	15.35	15.44	15.14	15.25	15.03		
10	16QAM	25	25	15.33	15.38	15.26	15.23	15.14		
10	16QAM	50	0	15.37	15.26	15.11	15.25	15.11		
10	64QAM	1	0	14.77	14.95	14.96	15.02	14.99	16	0
10	64QAM	1	25	14.98	15.02	14.71	14.78	14.91		
10	64QAM	1	49	14.68	14.96	15.20	15.15	14.96		
10	64QAM	25	0	15.32	15.23	15.12	15.19	15.15	16	0
10	64QAM	25	12	15.43	15.33	15.24	15.29	15.11		
10	64QAM	25	25	15.36	15.35	15.20	15.24	15.05		
10	64QAM	50	0	15.28	15.30	15.18	15.22	15.11		
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	15.27	15.29	15.56	15.24	15.18	16	0
5	QPSK	1	12	15.22	15.20	15.04	15.11	15.04		
5	QPSK	1	24	15.11	15.17	15.15	15.21	14.99		
5	QPSK	12	0	15.42	15.41	15.41	15.39	15.17	16	0
5	QPSK	12	7	15.43	15.30	15.22	15.31	15.03		
5	QPSK	12	13	15.37	15.27	15.26	15.28	15.11		
5	QPSK	25	0	15.38	15.34	15.52	15.30	15.05		
5	16QAM	1	0	14.99	14.98	15.34	15.00	15.04	16	0
5	16QAM	1	12	15.31	15.26	15.06	15.56	15.20		
5	16QAM	1	24	15.13	15.06	15.19	14.89	15.17		
5	16QAM	12	0	15.35	15.34	15.10	15.24	15.04	16	0
5	16QAM	12	7	15.44	15.45	15.17	15.29	15.03		
5	16QAM	12	13	15.38	15.34	15.23	15.21	15.04		
5	16QAM	25	0	15.40	15.32	15.10	15.29	15.13		
5	64QAM	1	0	14.87	14.97	14.97	15.05	14.95	16	0
5	64QAM	1	12	14.95	15.07	14.77	14.83	14.97		
5	64QAM	1	24	14.71	15.06	15.14	15.24	14.91		
5	64QAM	12	0	15.26	15.27	15.14	15.11	15.16	16	0
5	64QAM	12	7	15.45	15.31	15.19	15.27	15.06		
5	64QAM	12	13	15.35	15.39	15.24	15.19	15.13		
5	64QAM	25	0	15.37	15.33	15.19	15.28	15.05		

Band 41_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.07	16.18	16.31	16.22	16.12	17	0
20	QPSK	1	49	15.92	16.04	16.17	16.07	16.05		
20	QPSK	1	99	15.98	16.12	16.14	16.21	16.09		
20	QPSK	50	0	16.23	16.22	16.25	16.21	16.17	17	0
20	QPSK	50	24	15.92	16.18	16.17	16.13	16.12		
20	QPSK	50	50	16.22	16.01	16.09	16.20	16.14		
20	QPSK	100	0	16.21	15.99	16.25	16.15	16.13		
20	16QAM	1	0	15.86	15.85	15.82	15.72	15.90	17	0
20	16QAM	1	49	15.86	15.93	15.82	15.86	15.72		
20	16QAM	1	99	16.20	15.82	15.84	15.90	16.27		
20	16QAM	50	0	15.94	15.78	16.17	15.91	15.98	17	0
20	16QAM	50	24	16.09	15.91	15.92	16.29	15.75		
20	16QAM	50	50	15.76	15.98	16.29	15.67	15.75		
20	16QAM	100	0	15.85	15.89	15.73	16.00	15.62		
20	64QAM	1	0	15.71	15.80	15.84	15.71	15.73	17	0
20	64QAM	1	49	15.80	15.90	15.89	15.81	15.66		
20	64QAM	1	99	15.92	15.91	15.68	15.69	15.53		
20	64QAM	50	0	15.56	15.85	16.05	15.70	15.79	17	0
20	64QAM	50	24	15.45	15.63	16.06	15.98	15.98		
20	64QAM	50	50	15.87	15.93	16.00	15.50	15.72		
20	64QAM	100	0	15.74	15.94	15.89	15.77	15.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.00	16.05	16.23	16.17	16.01	17	0
15	QPSK	1	37	15.85	15.98	16.08	15.97	15.95		
15	QPSK	1	74	15.93	16.02	16.02	16.06	15.97		
15	QPSK	36	0	16.17	16.14	16.17	16.05	16.02	17	0
15	QPSK	36	20	15.85	16.13	16.07	15.97	15.99		
15	QPSK	36	39	16.07	15.86	16.04	16.05	16.05		
15	QPSK	75	0	16.08	15.93	16.11	16.10	16.04		
15	16QAM	1	0	15.81	15.71	15.71	15.57	15.84	17	0
15	16QAM	1	37	15.72	15.77	15.67	15.75	15.63		
15	16QAM	1	74	16.10	15.75	15.74	15.84	16.20		
15	16QAM	36	0	15.85	15.63	16.10	15.75	15.85	17	0
15	16QAM	36	20	15.93	15.75	15.83	16.17	15.64		
15	16QAM	36	39	15.65	15.87	16.19	15.60	15.61		
15	16QAM	75	0	15.71	15.78	15.64	15.89	15.56		
15	64QAM	1	0	15.62	15.71	15.68	15.66	15.63	17	0
15	64QAM	1	37	15.73	15.83	15.75	15.69	15.51		
15	64QAM	1	74	15.76	15.82	15.55	15.63	15.45		
15	64QAM	36	0	15.44	15.77	16.00	15.61	15.65	17	0
15	64QAM	36	20	15.40	15.51	15.99	15.85	15.83		
15	64QAM	36	39	15.82	15.88	15.94	15.38	15.65		
15	64QAM	75	0	15.65	15.79	15.79	15.72	15.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.97	16.02	16.18	16.13	16.01	17	0
10	QPSK	1	25	15.78	15.94	16.11	15.93	15.95		
10	QPSK	1	49	15.87	15.96	15.98	16.10	15.99		
10	QPSK	25	0	16.18	16.08	16.15	16.06	16.03	17	0
10	QPSK	25	12	15.83	16.04	16.08	16.07	16.06		
10	QPSK	25	25	16.06	15.92	15.99	16.08	16.00		
10	QPSK	50	0	16.14	15.84	16.11	16.06	15.99		
10	16QAM	1	0	15.75	15.73	15.76	15.63	15.77	17	0
10	16QAM	1	25	15.77	15.77	15.74	15.79	15.60		
10	16QAM	1	49	16.15	15.73	15.77	15.84	16.18		
10	16QAM	25	0	15.83	15.72	16.01	15.82	15.91	17	0
10	16QAM	25	12	16.03	15.78	15.76	16.17	15.67		
10	16QAM	25	25	15.62	15.92	16.18	15.61	15.60		
10	16QAM	50	0	15.79	15.83	15.62	15.93	15.55		
10	64QAM	1	0	15.64	15.64	15.73	15.55	15.64	17	0
10	64QAM	1	25	15.66	15.77	15.76	15.73	15.54		
10	64QAM	1	49	15.76	15.81	15.57	15.62	15.47		
10	64QAM	25	0	15.49	15.75	15.94	15.63	15.74	17	0
10	64QAM	25	12	15.38	15.52	15.92	15.93	15.89		
10	64QAM	25	25	15.76	15.80	15.84	15.34	15.62		
10	64QAM	50	0	15.65	15.79	15.74	15.69	15.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.00	16.09	16.17	16.15	15.99	17	0
5	QPSK	1	12	15.86	15.97	16.03	15.96	15.99		
5	QPSK	1	24	15.87	16.01	16.06	16.12	16.01		
5	QPSK	12	0	16.12	16.12	16.19	16.05	16.03	17	0
5	QPSK	12	7	15.81	16.13	16.04	16.07	16.04		
5	QPSK	12	13	16.08	15.92	15.94	16.10	16.01		
5	QPSK	25	0	16.09	15.87	16.20	16.02	16.03		
5	16QAM	1	0	15.70	15.72	15.77	15.58	15.80	17	0
5	16QAM	1	12	15.81	15.77	15.67	15.76	15.67		
5	16QAM	1	24	16.04	15.71	15.69	15.80	16.19		
5	16QAM	12	0	15.84	15.62	16.06	15.85	15.93	17	0
5	16QAM	12	7	15.97	15.75	15.78	16.17	15.68		
5	16QAM	12	13	15.61	15.93	16.18	15.56	15.60		
5	16QAM	25	0	15.70	15.73	15.65	15.90	15.52		
5	64QAM	1	0	15.56	15.74	15.75	15.64	15.67	17	0
5	64QAM	1	12	15.71	15.85	15.74	15.75	15.56		
5	64QAM	1	24	15.81	15.78	15.60	15.55	15.38		
5	64QAM	12	0	15.44	15.75	15.97	15.60	15.68	17	0
5	64QAM	12	7	15.34	15.58	15.99	15.91	15.92		
5	64QAM	12	13	15.82	15.85	15.90	15.43	15.62		
5	64QAM	25	0	15.59	15.84	15.80	15.63	15.65		

Band 41_Ant 25

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	15.22	15.34	15.49	15.47	15.47	17	0
20	QPSK	1	49	15.15	15.33	15.40	15.40	15.38		
20	QPSK	1	99	15.10	15.11	15.37	15.33	15.45		
20	QPSK	50	0	15.24	15.44	15.46	15.45	15.38	17	0
20	QPSK	50	24	15.19	15.08	15.39	15.39	15.37		
20	QPSK	50	50	15.22	15.27	15.34	15.43	15.33		
20	QPSK	100	0	15.28	15.08	15.48	15.47	15.44		
20	16QAM	1	0	15.10	15.14	15.15	15.15	15.22	17	0
20	16QAM	1	49	15.16	15.26	15.30	15.27	15.24		
20	16QAM	1	99	15.40	15.16	15.14	15.32	15.20		
20	16QAM	50	0	15.01	15.15	15.21	15.33	15.21	17	0
20	16QAM	50	24	15.42	15.08	15.13	15.49	15.22		
20	16QAM	50	50	15.10	15.39	15.32	15.18	15.18		
20	16QAM	100	0	15.07	15.12	15.03	15.21	15.07		
20	64QAM	1	0	15.02	15.06	15.09	15.20	15.14	17	0
20	64QAM	1	49	15.05	15.12	15.15	15.22	15.10		
20	64QAM	1	99	15.44	15.08	15.12	15.21	15.03		
20	64QAM	50	0	15.43	15.14	15.46	15.16	15.48	17	0
20	64QAM	50	24	15.11	15.13	15.49	15.32	15.04		
20	64QAM	50	50	15.10	15.23	15.46	15.46	15.24		
20	64QAM	100	0	15.12	15.25	15.20	15.39	15.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.17	15.26	15.33	15.40	15.31	17	0
15	QPSK	1	37	15.05	15.25	15.32	15.32	15.23		
15	QPSK	1	74	15.03	15.01	15.32	15.20	15.39		
15	QPSK	36	0	15.09	15.33	15.37	15.38	15.32	17	0
15	QPSK	36	20	15.11	15.03	15.30	15.28	15.30		
15	QPSK	36	39	15.08	15.15	15.23	15.35	15.17		
15	QPSK	75	0	15.16	15.01	15.37	15.38	15.36		
15	16QAM	1	0	15.22	15.02	15.10	15.05	15.09	17	0
15	16QAM	1	37	15.07	15.12	15.16	15.15	15.08		
15	16QAM	1	74	15.28	15.01	15.05	15.22	15.49		
15	16QAM	36	0	15.21	15.03	15.45	15.26	15.08	17	0
15	16QAM	36	20	15.45	15.20	15.07	15.38	15.15		
15	16QAM	36	39	15.02	15.23	15.47	15.07	15.03		
15	16QAM	75	0	15.03	15.21	15.04	15.06	15.03		
15	64QAM	1	0	15.05	15.20	15.03	15.10	15.02	17	0
15	64QAM	1	37	15.06	15.04	15.07	15.17	15.00		
15	64QAM	1	74	15.06	15.03	15.06	15.11	15.06		
15	64QAM	36	0	15.12	15.07	15.32	15.03	15.37	17	0
15	64QAM	36	20	15.00	15.06	15.36	15.19	15.05		
15	64QAM	36	39	15.00	15.08	15.30	15.35	15.15		
15	64QAM	75	0	15.13	15.13	15.05	15.26	15.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.06	15.18	15.44	15.33	15.31	17	0
10	QPSK	1	25	15.09	15.21	15.24	15.24	15.25		
10	QPSK	1	49	15.02	15.01	15.24	15.19	15.31		
10	QPSK	25	0	15.19	15.37	15.36	15.35	15.29	17	0
10	QPSK	25	12	15.03	15.00	15.30	15.25	15.21		
10	QPSK	25	25	15.10	15.21	15.27	15.28	15.21		
10	QPSK	50	0	15.23	15.03	15.42	15.32	15.39		
10	16QAM	1	0	15.05	15.08	15.08	15.00	15.09	17	0
10	16QAM	1	25	15.01	15.18	15.20	15.20	15.10		
10	16QAM	1	49	15.26	15.00	15.07	15.25	15.48		
10	16QAM	25	0	15.05	15.29	15.22	15.42	15.35	17	0
10	16QAM	25	12	15.32	15.19	15.25	15.32	15.29		
10	16QAM	25	25	15.18	15.43	15.31	15.30	15.22		
10	16QAM	50	0	15.11	15.27	15.17	15.34	15.21		
10	64QAM	1	0	15.06	15.14	15.24	15.29	15.24	17	0
10	64QAM	1	25	15.19	15.18	15.26	15.36	15.23		
10	64QAM	1	49	15.21	15.21	15.24	15.26	15.11		
10	64QAM	25	0	15.32	15.29	15.21	15.27	15.21	17	0
10	64QAM	25	12	15.23	15.17	15.20	15.45	15.09		
10	64QAM	25	25	15.15	15.28	15.21	15.32	15.31		
10	64QAM	50	0	15.16	15.30	15.34	15.46	15.30		
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	15.16	15.27	15.43	15.34	15.40	17	0
5	QPSK	1	12	15.06	15.18	15.30	15.32	15.30		
5	QPSK	1	24	15.08	15.04	15.21	15.18	15.33		
5	QPSK	12	0	15.17	15.29	15.41	15.32	15.27	17	0
5	QPSK	12	7	15.11	15.06	15.25	15.28	15.24		
5	QPSK	12	13	15.14	15.11	15.21	15.35	15.28		
5	QPSK	25	0	15.13	15.03	15.32	15.35	15.34		
5	16QAM	1	0	15.03	15.00	15.07	15.00	15.13	17	0
5	16QAM	1	12	15.05	15.11	15.23	15.19	15.08		
5	16QAM	1	24	15.31	15.08	15.00	15.16	15.40		
5	16QAM	12	0	15.13	15.22	15.25	15.40	15.29	17	0
5	16QAM	12	7	15.21	15.20	15.26	15.22	15.29		
5	16QAM	12	13	15.15	15.45	15.21	15.22	15.31		
5	16QAM	25	0	15.21	15.20	15.16	15.35	15.17		
5	64QAM	1	0	15.09	15.15	15.24	15.35	15.27	17	0
5	64QAM	1	12	15.15	15.19	15.20	15.32	15.25		
5	64QAM	1	24	15.32	15.15	15.21	15.26	15.10		
5	64QAM	12	0	15.23	15.24	15.23	15.21	15.23	17	0
5	64QAM	12	7	15.25	15.24	15.22	15.46	15.18		
5	64QAM	12	13	15.22	15.33	15.25	15.21	15.39		
5	64QAM	25	0	15.17	15.30	15.35	15.21	15.31		

Conducted Default Power for EN-DC 5G NSA

n5_Ant 11

BW [MHz]	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	23.29	23.38	23.24	24.5	0.0
20	PI/2 BPSK	1	53	23.27	23.25	23.22		
20	PI/2 BPSK	1	104	23.25	23.30	23.23		
20	PI/2 BPSK	50	0	23.32	23.35	23.28	24.0	0.5
20	PI/2 BPSK	50	28	23.33	23.36	23.23	24.5	0.0
20	PI/2 BPSK	50	56	23.25	23.31	23.21	24.0	0.5
20	PI/2 BPSK	100	0	23.33	23.34	23.32		
20	QPSK	1	1	23.26	23.35	23.22	24.5	0.0
20	QPSK	1	53	23.20	23.28	23.21		
20	QPSK	1	104	23.05	23.20	23.10		
20	QPSK	50	0	22.71	22.83	22.74	23.5	1.0
20	QPSK	50	28	23.12	23.24	23.19	24.5	0.0
20	QPSK	50	56	22.58	22.72	22.64	23.5	1.0
20	QPSK	100	0	22.69	22.80	22.69		
20	16QAM	1	1	22.98	23.06	22.94	23.5	1.0
20	64QAM	1	1	21.48	21.53	21.44	22.0	2.5
20	256QAM	1	1	19.13	19.29	19.24	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.13	23.30	23.08	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.16	23.30	23.16	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.13	23.23	23.14	24.5	0.0

n5_Ant 41

BW [MHz]	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	23.45	23.53	23.41	24.5	0.0
20	PI/2 BPSK	1	53	23.35	23.44	23.32		
20	PI/2 BPSK	1	104	23.37	23.42	23.29		
20	PI/2 BPSK	50	0	23.42	23.50	23.38	24.0	0.5
20	PI/2 BPSK	50	28	23.42	23.51	23.36	24.5	0.0
20	PI/2 BPSK	50	56	23.21	23.33	23.18	24.0	0.5
20	PI/2 BPSK	100	0	23.45	23.46	23.43		
20	QPSK	1	1	23.34	23.50	23.38	24.5	0.0
20	QPSK	1	53	23.36	23.46	23.34		
20	QPSK	1	104	23.30	23.36	23.23		
20	QPSK	50	0	22.96	23.04	22.92	23.5	1.0
20	QPSK	50	28	23.34	23.42	23.36	24.5	0.0
20	QPSK	50	56	22.75	22.87	22.80	23.5	1.0
20	QPSK	100	0	22.87	22.92	22.86		
20	16QAM	1	1	22.68	22.83	22.69	23.5	1.0
20	64QAM	1	1	21.70	21.76	21.65	22.0	2.5
20	256QAM	1	1	19.47	19.56	19.46	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.34	23.45	23.36	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.36	23.38	23.36	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.31	23.39	23.26	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.84	23.89	23.80	24.8	0.0
20	PI/2 BPSK	1	53	23.75	23.80	23.72		
20	PI/2 BPSK	1	104	23.76	23.78	23.74		
20	PI/2 BPSK	50	0	23.26	23.30	23.18	24.3	0.5
20	PI/2 BPSK	50	28	23.77	23.79	23.74	24.8	0.0
20	PI/2 BPSK	50	56	23.30	23.33	23.21	24.3	0.5
20	PI/2 BPSK	100	0	23.35	23.36	23.20		
20	QPSK	1	1	23.69	23.85	23.79	24.8	0.0
20	QPSK	1	53	23.69	23.84	23.72		
20	QPSK	1	104	23.74	23.83	23.69		
20	QPSK	50	0	22.73	22.80	22.67	23.8	1.0
20	QPSK	50	28	23.80	23.88	23.74	24.8	0.0
20	QPSK	50	56	22.71	22.85	22.80	23.8	1.0
20	QPSK	100	0	22.74	22.83	22.73		
20	16QAM	1	1	22.96	23.04	22.97	23.8	1.0
20	64QAM	1	1	21.43	21.53	21.40	22.3	2.5
20	256QAM	1	1	19.20	19.31	19.16	20.3	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.74	23.84	23.67	24.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.74	23.84	23.66	24.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.72	23.84	23.73	24.8	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	23.58	23.62	23.52	24.5	0.0
30	PI/2 BPSK	1	80	23.52	23.56	23.47		
30	PI/2 BPSK	1	158	23.49	23.51	23.49		
30	PI/2 BPSK	80	0	23.42	23.49	23.39	24.0	0.5
30	PI/2 BPSK	80	40	23.45	23.51	23.43	24.5	0.0
30	PI/2 BPSK	80	80	23.44	23.47	23.41	24.0	0.5
30	PI/2 BPSK	160	0	23.52	23.53	23.44		
30	QPSK	1	1	23.37	23.49	23.39	24.5	0.0
30	QPSK	1	80	23.36	23.48	23.32		
30	QPSK	1	158	23.31	23.41	23.32		
30	QPSK	80	0	22.93	23.05	22.93	23.5	1.0
30	QPSK	80	40	23.34	23.45	23.32	24.5	0.0
30	QPSK	80	80	22.91	23.03	22.92	23.5	1.0
30	QPSK	160	0	22.92	22.98	22.86		
30	16QAM	1	1	23.12	23.25	23.20	23.5	1.0
30	64QAM	1	1	21.51	21.65	21.57	22.0	2.5
30	256QAM	1	1	19.49	19.54	19.44	20.0	4.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.42	23.52	23.38	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	23.43	23.53	23.47	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	23.50	23.53	23.45	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	23.44	23.50	23.43	24.5	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.12		25.0	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.72			
100	PI/2 BPSK	135	0		23.78		24.5	0.5
100	PI/2 BPSK	135	69		23.86		25.0	0.0
100	PI/2 BPSK	135	138		23.75		24.5	0.5
100	PI/2 BPSK	270	0		23.78			
100	QPSK	1	1		23.96		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.69			
100	QPSK	135	0		23.94		25.0	0.0
100	QPSK	135	69		23.78			
100	QPSK	135	138		23.68			
100	QPSK	270	0		23.74		24.0	1.0
100	16QAM	1	1		23.32		24.0	1.0
100	64QAM	1	1		22.16		22.5	2.5
100	256QAM	1	1		20.01		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.98	24.05	23.95	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.87	23.89	23.84	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.90	23.92	23.80	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.84	23.95	23.79	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.85	23.95	23.88	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.91	23.98	23.89	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.82	23.89	23.85	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.86	23.94	23.82	25.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.25		25.0	0.0
100	PI/2 BPSK	1	137		24.18			
100	PI/2 BPSK	1	271		24.14			
100	PI/2 BPSK	135	0		23.51		24.5	0.5
100	PI/2 BPSK	135	69		24.13		25.0	0.0
100	PI/2 BPSK	135	138		23.62		24.5	0.5
100	PI/2 BPSK	270	0		23.65			
100	QPSK	1	1		23.92		25.0	0.0
100	QPSK	1	137		24.18			
100	QPSK	1	271		24.14			
100	QPSK	135	0		23.05		25.0	0.0
100	QPSK	135	69		24.12			
100	QPSK	135	138		23.04			
100	QPSK	270	0		23.02		24.0	1.0
100	16QAM	1	1		23.17		24.0	1.0
100	64QAM	1	1		21.58		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	24.20	24.21	24.13	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	24.14	24.05	24.07	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	24.07	24.16	23.97	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	24.04	24.15	24.02	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	24.13	24.08	24.04	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	24.13	24.05	23.98	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	24.08	24.16	24.01	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	24.10	24.07	24.02	25.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.13		24.8	0.0
100	PI/2 BPSK	1	137		24.11			
100	PI/2 BPSK	1	271		24.09			
100	PI/2 BPSK	135	0		23.52		24.3	0.5
100	PI/2 BPSK	135	69		24.02		24.8	0.0
100	PI/2 BPSK	135	138		23.43		24.3	0.5
100	PI/2 BPSK	270	0		23.50			
100	QPSK	1	1		24.07		24.8	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		24.03			
100	QPSK	135	0		23.69		24.8	0.0
100	QPSK	135	69		23.89			
100	QPSK	135	138		23.66			
100	QPSK	270	0		22.88		23.8	1.0
100	16QAM	1	1		23.33		23.8	1.0
100	64QAM	1	1		21.78		22.3	2.5
100	256QAM	1	1		19.57		20.3	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	24.06	24.08	24.00	24.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.95	24.02	23.90	24.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	24.01	23.94	23.91	24.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.92	23.96	23.88	24.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.98	23.96	23.91	24.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.95	23.95	23.86	24.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.92	23.94	23.91	24.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.94	24.01	23.91	24.8	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.01		24.8	0.0
100	PI/2 BPSK	1	137		24.00			
100	PI/2 BPSK	1	271		23.90			
100	PI/2 BPSK	135	0		23.36		24.3	0.5
100	PI/2 BPSK	135	69		23.88		24.8	0.0
100	PI/2 BPSK	135	138		23.23		24.3	0.5
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.89		24.8	0.0
100	QPSK	1	137		23.81			
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.60		24.8	0.0
100	QPSK	135	69		23.79			
100	QPSK	135	138		23.67			
100	QPSK	270	0		22.71		23.8	1.0
100	16QAM	1	1		23.06		23.8	1.0
100	64QAM	1	1		21.46		22.3	2.5
100	256QAM	1	1		19.32		20.3	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.86	23.87	23.80	24.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.78	23.78	23.69	24.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.74	23.81	23.72	24.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.81	23.76	23.67	24.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.74	23.79	23.65	24.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.73	23.75	23.68	24.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.79	23.80	23.71	24.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.76	23.73	23.72	24.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.90		25.0	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.74			
100	PI/2 BPSK	135	0		23.76		24.5	0.5
100	PI/2 BPSK	135	69		23.80		25.0	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.5
100	PI/2 BPSK	270	0		23.58			
100	QPSK	1	1		23.76		25.0	0.0
100	QPSK	1	137		23.72			
100	QPSK	1	271		23.81			
100	QPSK	135	0		23.71		25.0	0.0
100	QPSK	135	69		23.73			
100	QPSK	135	138		23.71			
100	QPSK	270	0		23.60		24.0	1.0
100	16QAM	1	1		23.72		24.0	1.0
100	64QAM	1	1		22.39		22.5	2.5
100	256QAM	1	1		20.33		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.86	23.78	23.78	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.84	23.75	23.74	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.83	23.79	23.72	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.80	23.82	23.71	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.86	23.78	23.76	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.85	23.77	23.71	25.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.76	23.79	23.77	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.81	23.79	23.80	25.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.90		25.0	0.0
100	PI/2 BPSK	1	137		23.83			
100	PI/2 BPSK	1	271		23.86			
100	PI/2 BPSK	135	0		23.78		24.5	0.5
100	PI/2 BPSK	135	69		23.84		25.0	0.0
100	PI/2 BPSK	135	138		23.77		24.5	0.5
100	PI/2 BPSK	270	0		23.76			
100	QPSK	1	1		23.77		25.0	0.0
100	QPSK	1	137		23.74			
100	QPSK	1	271		23.80			
100	QPSK	135	0		23.64		25.0	0.0
100	QPSK	135	69		23.70			
100	QPSK	135	138		23.74			
100	QPSK	270	0		23.63		24.0	1.0
100	16QAM	1	1		23.76		24.0	1.0
100	64QAM	1	1		22.26		22.5	2.5
100	256QAM	1	1		20.25		20.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.78	23.81	23.71	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.86	23.79	23.76	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.85	23.86	23.73	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.80	23.86	23.70	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.82	23.86	23.78	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.75	23.86	23.78	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.86	23.87	23.71	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.76	23.77	23.79	25.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.48		24.5	0.0
100	PI/2 BPSK	1	137		23.41			
100	PI/2 BPSK	1	271		23.35			
100	PI/2 BPSK	135	0		23.32		24.0	0.5
100	PI/2 BPSK	135	69		23.33		24.5	0.0
100	PI/2 BPSK	135	138		23.22		24.0	0.5
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.45		24.5	0.0
100	QPSK	1	137		23.38			
100	QPSK	1	271		23.31			
100	QPSK	135	0		23.21		24.5	0.0
100	QPSK	135	69		23.25			
100	QPSK	135	138		23.25			
100	QPSK	270	0		22.75		23.5	1.0
100	16QAM	1	1		22.85		23.5	1.0
100	64QAM	1	1		20.82		22.0	2.5
100	256QAM	1	1		19.35		20.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	23.43	23.45	23.41	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	23.30	23.36	23.33	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	23.35	23.35	23.33	24.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	23.28	23.29	23.34	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.28	23.38	23.28	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	23.36	23.29	23.26	24.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	23.30	23.39	23.35	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	23.29	23.37	23.30	24.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.43		24.5	0.0
100	PI/2 BPSK	1	137		23.32			
100	PI/2 BPSK	1	271		23.25			
100	PI/2 BPSK	135	0		22.74		24.0	0.5
100	PI/2 BPSK	135	69		23.19		24.5	0.0
100	PI/2 BPSK	135	138		22.51		24.0	0.5
100	PI/2 BPSK	270	0		22.82			
100	QPSK	1	1		23.38		24.5	0.0
100	QPSK	1	137		23.20			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.05		24.5	0.0
100	QPSK	135	69		23.11			
100	QPSK	135	138		23.10			
100	QPSK	270	0		22.05		23.5	1.0
100	16QAM	1	1		22.54		23.5	1.0
100	64QAM	1	1		20.97		22.0	2.5
100	256QAM	1	1		18.88		20.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	23.31	23.33	23.25	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	23.24	23.27	23.14	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	23.19	23.17	23.14	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	23.20	23.28	23.20	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	23.24	23.23	23.12	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	23.20	23.26	23.12	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	23.21	23.19	23.15	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	23.18	23.22	23.18	24.5	0.0

Reduced Power for DSI 2

n5_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.06	19.21	19.09	20.5	0.0
20	PI/2 BPSK	1	53	18.78	18.92	18.82		
20	PI/2 BPSK	1	104	18.79	18.89	18.75		
20	PI/2 BPSK	50	0	18.88	19.03	18.94	20.5	0.0
20	PI/2 BPSK	50	28	18.90	19.06	18.95	20.5	0.0
20	PI/2 BPSK	50	56	18.81	18.92	18.77	20.5	0.0
20	PI/2 BPSK	100	0	18.81	18.96	18.84		
20	QPSK	1	1	18.99	19.08	18.94	20.5	0.0
20	QPSK	1	53	18.91	19.07	18.96		
20	QPSK	1	104	18.80	18.96	18.84		
20	QPSK	50	0	18.94	19.03	18.88	20.5	0.0
20	QPSK	50	28	18.89	19.05	18.99	20.5	0.0
20	QPSK	50	56	18.87	18.93	18.78	20.5	0.0
20	QPSK	100	0	18.92	19.03	18.96		
20	16QAM	1	1	18.88	18.95	18.85	20.5	0.0
20	64QAM	1	1	19.06	19.11	19.06	20.5	0.0
20	256QAM	1	1	19.01	19.13	19.06	20.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	18.96	19.16	18.96	20.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	18.98	19.06	19.03	20.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	18.92	19.12	19.03	20.5	0.0

n5_Ant 41

BW [MHz]	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	23.45	23.53	23.41	24.5	0.0
20	PI/2 BPSK	1	53	23.35	23.44	23.32		
20	PI/2 BPSK	1	104	23.37	23.42	23.29		
20	PI/2 BPSK	50	0	23.42	23.50	23.38	24.0	0.5
20	PI/2 BPSK	50	28	23.42	23.51	23.36	24.5	0.0
20	PI/2 BPSK	50	56	23.21	23.33	23.18	24.0	0.5
20	PI/2 BPSK	100	0	23.45	23.46	23.43		
20	QPSK	1	1	23.34	23.50	23.38	24.5	0.0
20	QPSK	1	53	23.36	23.46	23.34		
20	QPSK	1	104	23.30	23.36	23.23		
20	QPSK	50	0	22.96	23.04	22.92	23.5	1.0
20	QPSK	50	28	23.34	23.42	23.36	24.5	0.0
20	QPSK	50	56	22.75	22.87	22.80	23.5	1.0
20	QPSK	100	0	22.87	22.92	22.86		
20	16QAM	1	1	22.68	22.83	22.69	23.5	1.0
20	64QAM	1	1	21.70	21.76	21.65	22.0	2.5
20	256QAM	1	1	19.47	19.56	19.46	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.34	23.45	23.36	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.36	23.38	23.36	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.31	23.39	23.26	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.08	14.43	14.07	15.3	0.0
20	PI/2 BPSK	1	53	14.01	14.09	13.93		
20	PI/2 BPSK	1	104	13.96	14.08	13.99		
20	PI/2 BPSK	50	0	14.01	14.11	13.99	15.3	0.0
20	PI/2 BPSK	50	28	14.02	14.14	14.04	15.3	0.0
20	PI/2 BPSK	50	56	13.93	14.09	13.94	15.3	0.0
20	PI/2 BPSK	100	0	13.90	14.03	13.87		
20	QPSK	1	1	14.05	14.21	14.10	15.3	0.0
20	QPSK	1	53	14.08	14.19	14.11		
20	QPSK	1	104	14.07	14.15	14.01		
20	QPSK	50	0	13.97	14.02	13.94	15.3	0.0
20	QPSK	50	28	14.01	14.06	13.95	15.3	0.0
20	QPSK	50	56	13.90	14.02	13.94	15.3	0.0
20	QPSK	100	0	13.86	13.98	13.93		
20	16QAM	1	1	14.00	14.12	14.00	15.3	0.0
20	64QAM	1	1	14.06	14.13	13.99	15.3	0.0
20	256QAM	1	1	14.00	14.08	13.93	15.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.93	14.16	14.00	15.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	14.03	14.07	13.94	15.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.99	14.15	13.99	15.3	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	14.66	14.71	14.57	15.5	0.0
30	PI/2 BPSK	1	80	14.52	14.62	14.49		
30	PI/2 BPSK	1	158	14.45	14.61	14.50		
30	PI/2 BPSK	80	0	14.35	14.51	14.37	15.5	0.0
30	PI/2 BPSK	80	40	14.61	14.70	14.56	15.5	0.0
30	PI/2 BPSK	80	80	14.46	14.51	14.43	15.5	0.0
30	PI/2 BPSK	160	0	14.53	14.58	14.50		
30	QPSK	1	1	14.38	14.54	14.47	15.5	0.0
30	QPSK	1	80	14.49	14.61	14.51		
30	QPSK	1	158	14.53	14.66	14.50		
30	QPSK	80	0	14.40	14.54	14.39	15.5	0.0
30	QPSK	80	40	14.47	14.52	14.36	15.5	0.0
30	QPSK	80	80	14.62	14.67	14.58	15.5	0.0
30	QPSK	160	0	14.41	14.56	14.41		
30	16QAM	1	1	14.45	14.61	14.48	15.5	0.0
30	64QAM	1	1	14.42	14.52	14.42	15.5	0.0
30	256QAM	1	1	14.48	14.59	14.53	15.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	14.54	14.60	14.50	15.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	14.55	14.63	14.51	15.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	14.52	14.55	14.43	15.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	14.58	14.57	14.49	15.5	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.52		14.0	0.0
100	PI/2 BPSK	1	137		13.34			
100	PI/2 BPSK	1	271		13.39			
100	PI/2 BPSK	135	0		13.33		14.0	0.0
100	PI/2 BPSK	135	69		13.41		14.0	0.0
100	PI/2 BPSK	135	138		13.32		14.0	0.0
100	PI/2 BPSK	270	0		13.27			
100	QPSK	1	1		13.21		14.0	0.0
100	QPSK	1	137		13.28			
100	QPSK	1	271		13.39			
100	QPSK	135	0		13.37		14.0	0.0
100	QPSK	135	69		13.29			
100	QPSK	135	138		13.31			
100	QPSK	270	0		13.31		14.0	0.0
100	16QAM	1	1		13.33		14.0	0.0
100	64QAM	1	1		13.45		14.0	0.0
100	256QAM	1	1		13.22		14.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	14.0	0.0
90	PI/2 BPSK	1	1	13.44	13.37	13.39		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	14.0	0.0
80	PI/2 BPSK	1	1	13.28	13.21	13.27		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	14.0	0.0
70	PI/2 BPSK	1	1	13.32	13.29	13.34		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	14.0	0.0
60	PI/2 BPSK	1	1	13.28	13.23	13.34		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	14.0	0.0
50	PI/2 BPSK	1	1	13.34	13.28	13.25		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	14.0	0.0
40	PI/2 BPSK	1	1	13.34	13.25	13.28		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	14.0	0.0
30	PI/2 BPSK	1	1	13.30	13.31	13.31		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	14.0	0.0
20	PI/2 BPSK	1	1	13.33	13.25	13.33		

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.93		14.0	0.0
100	PI/2 BPSK	1	137		12.68			
100	PI/2 BPSK	1	271		12.63			
100	PI/2 BPSK	135	0		12.73		14.0	0.0
100	PI/2 BPSK	135	69		12.76		14.0	0.0
100	PI/2 BPSK	135	138		12.57		14.0	0.0
100	PI/2 BPSK	270	0		12.62			
100	QPSK	1	1		12.84		14.0	0.0
100	QPSK	1	137		12.60			
100	QPSK	1	271		12.65			
100	QPSK	135	0		12.68		14.0	0.0
100	QPSK	135	69		12.64			
100	QPSK	135	138		12.52			
100	QPSK	270	0		12.63		14.0	0.0
100	16QAM	1	1		12.91		14.0	0.0
100	64QAM	1	1		12.92		14.0	0.0
100	256QAM	1	1		12.70		14.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	14.0	0.0
90	PI/2 BPSK	1	1	12.80	12.84	12.79		
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	14.0	0.0
80	PI/2 BPSK	1	1	12.68	12.75	12.65		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	14.0	0.0
70	PI/2 BPSK	1	1	12.68	12.73	12.69		
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	14.0	0.0
60	PI/2 BPSK	1	1	12.72	12.78	12.70		
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	14.0	0.0
50	PI/2 BPSK	1	1	12.73	12.69	12.65		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	14.0	0.0
40	PI/2 BPSK	1	1	12.68	12.76	12.65		
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98	14.0	0.0
30	PI/2 BPSK	1	1	12.67	12.73	12.72		
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	14.0	0.0
20	PI/2 BPSK	1	1	12.67	12.76	12.68		

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.06		15.8	0.0
100	PI/2 BPSK	1	137		14.85			
100	PI/2 BPSK	1	271		14.80			
100	PI/2 BPSK	135	0		14.85		15.8	0.0
100	PI/2 BPSK	135	69		14.91		15.8	0.0
100	PI/2 BPSK	135	138		14.71		15.8	0.0
100	PI/2 BPSK	270	0		14.96			
100	QPSK	1	1		15.03		15.8	0.0
100	QPSK	1	137		14.78			
100	QPSK	1	271		14.86			
100	QPSK	135	0		15.01		15.8	0.0
100	QPSK	135	69		14.72			
100	QPSK	135	138		14.76			
100	QPSK	270	0		14.90		15.8	0.0
100	16QAM	1	1		14.97		15.8	0.0
100	64QAM	1	1		14.92		15.8	0.0
100	256QAM	1	1		14.93		15.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	15.8	0.0
90	PI/2 BPSK	1	1	14.98	15.00	14.99		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	15.8	0.0
80	PI/2 BPSK	1	1	14.93	14.92	14.85		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	15.8	0.0
70	PI/2 BPSK	1	1	14.88	14.85	14.87		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	15.8	0.0
60	PI/2 BPSK	1	1	14.88	14.94	14.89		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	15.8	0.0
50	PI/2 BPSK	1	1	14.88	14.87	14.90		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	15.8	0.0
40	PI/2 BPSK	1	1	14.89	14.90	14.88		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	15.8	0.0
30	PI/2 BPSK	1	1	14.85	14.88	14.88		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	15.8	0.0
20	PI/2 BPSK	1	1	14.93	14.84	14.85	15.8	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.95		15.8	0.0
100	PI/2 BPSK	1	137		14.64			
100	PI/2 BPSK	1	271		14.52			
100	PI/2 BPSK	135	0		14.68		15.8	0.0
100	PI/2 BPSK	135	69		14.75		15.8	0.0
100	PI/2 BPSK	135	138		14.54		15.8	0.0
100	PI/2 BPSK	270	0		14.71			
100	QPSK	1	1		14.73		15.8	0.0
100	QPSK	1	137		14.71			
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.68		15.8	0.0
100	QPSK	135	69		14.60			
100	QPSK	135	138		14.59			
100	QPSK	270	0		14.65		15.8	0.0
100	16QAM	1	1		14.86		15.8	0.0
100	64QAM	1	1		14.89		15.8	0.0
100	256QAM	1	1		14.63		15.8	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.83	14.84	14.88	15.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.78	14.72	14.78	15.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.77	14.78	14.82	15.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.73	14.79	14.74	15.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.70	14.71	14.76	15.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.72	14.71	14.72	15.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	14.74	14.69	14.83	15.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.68	14.70	14.82	15.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.42		20.5	0.0
100	PI/2 BPSK	1	137		19.29			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.29		20.5	0.0
100	PI/2 BPSK	135	69		19.30		20.5	0.0
100	PI/2 BPSK	135	138		19.23		20.5	0.0
100	PI/2 BPSK	270	0		19.29			
100	QPSK	1	1		19.24		20.5	0.0
100	QPSK	1	137		19.40			
100	QPSK	1	271		19.41			
100	QPSK	135	0		19.34		20.5	0.0
100	QPSK	135	69		19.39			
100	QPSK	135	138		19.31			
100	QPSK	270	0		19.32		20.5	0.0
100	16QAM	1	1		19.38		20.5	0.0
100	64QAM	1	1		19.32		20.5	0.0
100	256QAM	1	1		19.29		20.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.37	19.32	19.34	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.31	19.17	19.25	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.23	19.20	19.24	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.23	19.19	19.19	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.22	19.21	19.24	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.31	19.26	19.25	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.29	19.23	19.21	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.25	19.17	19.22	20.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.71		20.5	0.0
100	PI/2 BPSK	1	137		19.68			
100	PI/2 BPSK	1	271		19.61			
100	PI/2 BPSK	135	0		19.35		20.5	0.0
100	PI/2 BPSK	135	69		19.68		20.5	0.0
100	PI/2 BPSK	135	138		19.61		20.5	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.52		20.5	0.0
100	QPSK	1	137		19.63			
100	QPSK	1	271		19.70			
100	QPSK	135	0		19.53		20.5	0.0
100	QPSK	135	69		19.58			
100	QPSK	135	138		19.61			
100	QPSK	270	0		19.48		20.5	0.0
100	16QAM	1	1		19.41		20.5	0.0
100	64QAM	1	1		19.70		20.5	0.0
100	256QAM	1	1		19.56		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.64	19.61	19.56	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.59	19.54	19.50	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.52	19.49	19.47	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.58	19.45	19.46	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.59	19.49	19.47	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.56	19.56	19.47	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.54	19.47	19.41	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.56	19.54	19.47	20.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.75		19.0	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.49			
100	PI/2 BPSK	135	0		17.40		19.0	0.0
100	PI/2 BPSK	135	69		17.53		19.0	0.0
100	PI/2 BPSK	135	138		17.47		19.0	0.0
100	PI/2 BPSK	270	0		17.55			
100	QPSK	1	1		17.41		19.0	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.40			
100	QPSK	135	0		17.55		19.0	0.0
100	QPSK	135	69		17.56			
100	QPSK	135	138		17.33			
100	QPSK	270	0		17.53		19.0	0.0
100	16QAM	1	1		17.69		19.0	0.0
100	64QAM	1	1		14.57		19.0	0.0
100	256QAM	1	1		17.49		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.66	17.68	17.68	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.68	17.61	17.62	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.62	17.70	17.63	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.69	17.70	17.63	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.69	17.60	17.68	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.65	17.62	17.64	19.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.60	17.67	17.60	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.62	17.64	17.59	19.0	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.30		19.0	0.0
100	PI/2 BPSK	1	137		17.01			
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.07		19.0	0.0
100	PI/2 BPSK	135	69		17.12		19.0	0.0
100	PI/2 BPSK	135	138		17.00		19.0	0.0
100	PI/2 BPSK	270	0		17.06			
100	QPSK	1	1		17.10		19.0	0.0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.00			
100	QPSK	135	0		17.06		19.0	0.0
100	QPSK	135	69		17.03			
100	QPSK	135	138		17.01			
100	QPSK	270	0		17.02		19.0	0.0
100	16QAM	1	1		17.21		19.0	0.0
100	64QAM	1	1		17.29		19.0	0.0
100	256QAM	1	1		17.13		19.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.18	17.14	17.15	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.20	17.14	17.15	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.19	17.16	17.15	19.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.16	17.14	17.21	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.19	17.21	17.14	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.18	17.20	17.17	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.17	17.16	17.16	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.17	17.17	17.22	19.0	0.0

Reduced Power for DSI 3

n5_Ant 11

BW [MHz]	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	13.69	13.76	13.67	15.0	0.0
20	PI/2 BPSK	1	53	13.35	13.51	13.46		
20	PI/2 BPSK	1	104	13.44	13.54	13.38		
20	PI/2 BPSK	50	0	13.45	13.56	13.40	15.0	0.0
20	PI/2 BPSK	50	28	13.46	13.60	13.48	15.0	0.0
20	PI/2 BPSK	50	56	13.39	13.54	13.46	15.0	0.0
20	PI/2 BPSK	100	0	13.36	13.51	13.40		
20	QPSK	1	1	13.51	13.61	13.45	15.0	0.0
20	QPSK	1	53	13.44	13.56	13.50		
20	QPSK	1	104	13.33	13.48	13.40		
20	QPSK	50	0	13.41	13.53	13.37	15.0	0.0
20	QPSK	50	28	13.49	13.55	13.48	15.0	0.0
20	QPSK	50	56	13.35	13.43	13.37	15.0	0.0
20	QPSK	100	0	13.47	13.53	13.42		
20	16QAM	1	1	13.29	13.45	13.38	15.0	0.0
20	64QAM	1	1	13.18	13.24	13.14	15.0	0.0
20	256QAM	1	1	13.52	13.63	13.56	15.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	13.62	13.68	13.61	15.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	13.56	13.64	13.61	15.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	13.63	13.63	13.62	15.0	0.0

n5_Ant 41

BW [MHz]	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	23.45	23.53	23.41	24.5	0.0
20	PI/2 BPSK	1	53	23.35	23.44	23.32		
20	PI/2 BPSK	1	104	23.37	23.42	23.29		
20	PI/2 BPSK	50	0	23.42	23.50	23.38	24.0	0.5
20	PI/2 BPSK	50	28	23.42	23.51	23.36	24.5	0.0
20	PI/2 BPSK	50	56	23.21	23.33	23.18	24.0	0.5
20	PI/2 BPSK	100	0	23.45	23.46	23.43		
20	QPSK	1	1	23.34	23.50	23.38	24.5	0.0
20	QPSK	1	53	23.36	23.46	23.34		
20	QPSK	1	104	23.30	23.36	23.23		
20	QPSK	50	0	22.96	23.04	22.92	23.5	1.0
20	QPSK	50	28	23.34	23.42	23.36	24.5	0.0
20	QPSK	50	56	22.75	22.87	22.80	23.5	1.0
20	QPSK	100	0	22.87	22.92	22.86		
20	16QAM	1	1	22.68	22.83	22.69	23.5	1.0
20	64QAM	1	1	21.70	21.76	21.65	22.0	2.5
20	256QAM	1	1	19.47	19.56	19.46	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.34	23.45	23.36	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.36	23.38	23.36	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.31	23.39	23.26	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	8.60	8.74	8.64	9.8	0.0
20	PI/2 BPSK	1	53	8.39	8.51	8.46		
20	PI/2 BPSK	1	104	8.36	8.46	8.37		
20	PI/2 BPSK	50	0	8.42	8.48	8.35	9.8	0.0
20	PI/2 BPSK	50	28	8.43	8.51	8.43	9.8	0.0
20	PI/2 BPSK	50	56	8.38	8.49	8.34	9.8	0.0
20	PI/2 BPSK	100	0	8.45	8.55	8.39		
20	QPSK	1	1	8.45	8.59	8.51	9.8	0.0
20	QPSK	1	53	8.48	8.56	8.45		
20	QPSK	1	104	8.36	8.52	8.43		
20	QPSK	50	0	8.44	8.52	8.41	9.8	0.0
20	QPSK	50	28	8.40	8.53	8.48	9.8	0.0
20	QPSK	50	56	8.38	8.54	8.46	9.8	0.0
20	QPSK	100	0	8.38	8.52	8.38		
20	16QAM	1	1	8.60	8.66	8.50	9.8	0.0
20	64QAM	1	1	8.61	8.69	8.57	9.8	0.0
20	256QAM	1	1	8.48	8.55	8.49	9.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	8.44	8.59	8.48	9.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	8.46	8.61	8.51	9.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	8.50	8.63	8.54	9.8	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	9.56	9.70	9.62	10.5	0.0
30	PI/2 BPSK	1	80	9.40	9.52	9.42		
30	PI/2 BPSK	1	158	9.54	9.61	9.54		
30	PI/2 BPSK	80	0	9.41	9.54	9.39	10.5	0.0
30	PI/2 BPSK	80	40	9.49	9.58	9.46	10.5	0.0
30	PI/2 BPSK	80	80	9.41	9.55	9.39	10.5	0.0
30	PI/2 BPSK	160	0	9.45	9.56	9.45		
30	QPSK	1	1	9.35	9.51	9.45	10.5	0.0
30	QPSK	1	80	9.37	9.53	9.45		
30	QPSK	1	158	9.42	9.53	9.46		
30	QPSK	80	0	9.53	9.58	9.49	10.5	0.0
30	QPSK	80	40	9.37	9.51	9.40	10.5	0.0
30	QPSK	80	80	9.48	9.59	9.47	10.5	0.0
30	QPSK	160	0	9.38	9.54	9.39		
30	16QAM	1	1	9.45	9.54	9.42	10.5	0.0
30	64QAM	1	1	9.36	9.49	9.33	10.5	0.0
30	256QAM	1	1	9.41	9.56	9.47	10.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	9.47	9.56	9.52	10.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	9.50	9.57	9.52	10.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	9.50	9.60	9.53	10.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	9.45	9.62	9.57	10.5	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		8.23		9.0	0.0
100	PI/2 BPSK	1	137		8.11			
100	PI/2 BPSK	1	271		8.18			
100	PI/2 BPSK	135	0		8.08		9.0	0.0
100	PI/2 BPSK	135	69		8.19		9.0	0.0
100	PI/2 BPSK	135	138		8.16		9.0	0.0
100	PI/2 BPSK	270	0		8.16			
100	QPSK	1	1		8.11		9.0	0.0
100	QPSK	1	137		8.12			
100	QPSK	1	271		8.19			
100	QPSK	135	0		8.22		9.0	0.0
100	QPSK	135	69		8.13			
100	QPSK	135	138		8.20			
100	QPSK	270	0		8.21		9.0	0.0
100	16QAM	1	1		8.11		9.0	0.0
100	64QAM	1	1		8.06		9.0	0.0
100	256QAM	1	1		8.05		9.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	8.10	8.11	8.07	9.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	8.07	8.08	8.09	9.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	8.08	8.17	8.18	9.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	8.14	8.14	8.15	9.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	8.08	8.17	8.09	9.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	8.15	8.18	8.11	9.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	8.18	8.12	8.11	9.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	8.09	8.17	8.16	9.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		8.14		9.0	0.0
100	PI/2 BPSK	1	137		8.13			
100	PI/2 BPSK	1	271		8.10			
100	PI/2 BPSK	135	0		8.05		9.0	0.0
100	PI/2 BPSK	135	69		8.09		9.0	0.0
100	PI/2 BPSK	135	138		8.06		9.0	0.0
100	PI/2 BPSK	270	0		8.07			
100	QPSK	1	1		7.86		9.0	0.0
100	QPSK	1	137		7.68			
100	QPSK	1	271		7.65			
100	QPSK	135	0		7.84		9.0	0.0
100	QPSK	135	69		7.70			
100	QPSK	135	138		7.57			
100	QPSK	270	0		7.73		9.0	0.0
100	16QAM	1	1		8.13		9.0	0.0
100	64QAM	1	1		8.02		9.0	0.0
100	256QAM	1	1		8.02		9.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	8.07	8.00	7.99	9.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	8.03	7.98	8.07	9.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	8.00	7.98	8.04	9.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	7.98	8.00	8.03	9.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	8.02	8.01	7.98	9.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	8.04	8.05	8.03	9.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	8.07	7.99	8.06	9.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	8.05	8.02	8.01	9.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.16		10.8	0.0
100	PI/2 BPSK	1	137		9.90			
100	PI/2 BPSK	1	271		9.84			
100	PI/2 BPSK	135	0		10.00		10.8	0.0
100	PI/2 BPSK	135	69		10.07		10.8	0.0
100	PI/2 BPSK	135	138		9.86		10.8	0.0
100	PI/2 BPSK	270	0		10.00			
100	QPSK	1	1		10.09		10.8	0.0
100	QPSK	1	137		10.01			
100	QPSK	1	271		9.91			
100	QPSK	135	0		10.10		10.8	0.0
100	QPSK	135	69		9.99			
100	QPSK	135	138		9.91			
100	QPSK	270	0		10.10		10.8	0.0
100	16QAM	1	1		10.09		10.8	0.0
100	64QAM	1	1		10.15		10.8	0.0
100	256QAM	1	1		10.01		10.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	10.07	10.10	10.11	10.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	10.01	10.07	10.05	10.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	10.11	10.03	10.03	10.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	10.07	10.01	10.04	10.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	10.10	10.03	10.04	10.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	10.09	10.08	10.03	10.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	10.11	10.06	10.04	10.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	10.04	10.10	10.00	10.8	0.0

BW [MHz]
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
90
80
70
60
50
40
30
20

Part27O n78_Ant 24

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			
Frequency (MHz)				3750			
PI/2 BPSK	1	1		10.11		10.8	0.0
PI/2 BPSK	1	137		9.82			
PI/2 BPSK	1	271		9.80			
PI/2 BPSK	135	0		10.03		10.8	0.0
PI/2 BPSK	135	69		10.05		10.8	0.0
PI/2 BPSK	135	138		9.83		10.8	0.0
PI/2 BPSK	270	0		9.93			
QPSK	1	1		10.02		10.8	0.0
QPSK	1	137		9.96			
QPSK	1	271		9.91			
QPSK	135	0		10.03		10.8	0.0
QPSK	135	69		10.01			
QPSK	135	138		9.85			
QPSK	270	0		9.94		10.8	0.0
16QAM	1	1		10.09		10.8	0.0
64QAM	1	1		10.03		10.8	0.0
256QAM	1	1		9.89		10.8	0.0
Channel			649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3745.02	3750	3754.98		
PI/2 BPSK	1	1	9.97	10.03	10.02	10.8	0.0
Channel			649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3740.01	3750	3759.99		
PI/2 BPSK	1	1	10.03	10.06	10.06	10.8	0.0
Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3735	3750	3765		
PI/2 BPSK	1	1	10.05	9.96	9.98	10.8	0.0
Channel			648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3730.02	3750	3769.98		
PI/2 BPSK	1	1	10.06	9.95	10.06	10.8	0.0
Channel			648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3725.01	3750	3774.99		
PI/2 BPSK	1	1	9.98	10.05	10.02	10.8	0.0
Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3720	3750	3780		
PI/2 BPSK	1	1	9.96	10.04	10.06	10.8	0.0
Channel			647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3715.02	3750.00	3784.98		
PI/2 BPSK	1	1	10.03	10.06	10.04	10.8	0.0
Channel			647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3710.01	3750	3789.99		
PI/2 BPSK	1	1	10.02	10.05	10.03	10.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.35		15.0	0.0
100	PI/2 BPSK	1	137		14.12			
100	PI/2 BPSK	1	271		13.96			
100	PI/2 BPSK	135	0		14.06		15.0	0.0
100	PI/2 BPSK	135	69		14.31		15.0	0.0
100	PI/2 BPSK	135	138		13.88		15.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.19		15.0	0.0
100	QPSK	1	137		14.08			
100	QPSK	1	271		13.93			
100	QPSK	135	0		14.12		15.0	0.0
100	QPSK	135	69		13.96			
100	QPSK	135	138		13.95			
100	QPSK	270	0		14.02		15.0	0.0
100	16QAM	1	1		14.32		15.0	0.0
100	64QAM	1	1		14.33		15.0	0.0
100	256QAM	1	1		14.06		15.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.20	13.99	13.90	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.28	13.97	13.90	15.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.24	14.06	13.98	15.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.26	14.07	13.89	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.29	13.98	13.91	15.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.30	13.98	13.95	15.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.30	13.99	13.98	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.26	14.03	14.00	15.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.95		15.0	0.0
100	PI/2 BPSK	1	137		13.92			
100	PI/2 BPSK	1	271		13.88			
100	PI/2 BPSK	135	0		13.78		15.0	0.0
100	PI/2 BPSK	135	69		13.92		15.0	0.0
100	PI/2 BPSK	135	138		13.88		15.0	0.0
100	PI/2 BPSK	270	0		13.89			
100	QPSK	1	1		13.73		15.0	0.0
100	QPSK	1	137		13.86			
100	QPSK	1	271		13.93			
100	QPSK	135	0		13.87		15.0	0.0
100	QPSK	135	69		13.87			
100	QPSK	135	138		13.93			
100	QPSK	270	0		13.92		15.0	0.0
100	16QAM	1	1		13.86		15.0	0.0
100	64QAM	1	1		13.88		15.0	0.0
100	256QAM	1	1		13.72		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	13.84	13.76	13.80	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	13.89	13.87	13.76	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	13.81	13.87	13.80	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	13.80	13.80	13.84	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	13.85	13.77	13.82	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	13.90	13.81	13.80	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	13.89	13.85	13.84	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	13.90	13.86	13.79	15.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.43		13.5	0.0
100	PI/2 BPSK	1	137		12.21			
100	PI/2 BPSK	1	271		12.18			
100	PI/2 BPSK	135	0		12.24		13.5	0.0
100	PI/2 BPSK	135	69		12.26		13.5	0.0
100	PI/2 BPSK	135	138		12.12		13.5	0.0
100	PI/2 BPSK	270	0		12.18			
100	QPSK	1	1		12.29		13.5	0.0
100	QPSK	1	137		12.08			
100	QPSK	1	271		12.24			
100	QPSK	135	0		12.28		13.5	0.0
100	QPSK	135	69		12.13			
100	QPSK	135	138		12.15			
100	QPSK	270	0		12.23		13.5	0.0
100	16QAM	1	1		12.38		13.5	0.0
100	64QAM	1	1		12.36		13.5	0.0
100	256QAM	1	1		12.18		13.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	12.37	12.30	12.34	13.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	12.27	12.34	12.36	13.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	12.34	12.36	12.31	13.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	12.37	12.32	12.37	13.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	12.28	12.38	12.32	13.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	12.30	12.36	12.32	13.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	12.28	12.29	12.29	13.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	12.31	12.27	12.30	13.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.66		13.5	0.0
100	PI/2 BPSK	1	137		11.52			
100	PI/2 BPSK	1	271		11.50			
100	PI/2 BPSK	135	0		11.50		13.5	0.0
100	PI/2 BPSK	135	69		11.53		13.5	0.0
100	PI/2 BPSK	135	138		11.52		13.5	0.0
100	PI/2 BPSK	270	0		11.53			
100	QPSK	1	1		11.59		13.5	0.0
100	QPSK	1	137		11.52			
100	QPSK	1	271		11.50			
100	QPSK	135	0		11.53		13.5	0.0
100	QPSK	135	69		11.51			
100	QPSK	135	138		11.52			
100	QPSK	270	0		11.52		13.5	0.0
100	16QAM	1	1		11.51		13.5	0.0
100	64QAM	1	1		11.50		13.5	0.0
100	256QAM	1	1		11.57		13.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	11.62	11.60	11.59	13.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	11.55	11.52	11.50	13.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	11.50	11.53	11.54	13.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	11.55	11.54	11.54	13.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	11.54	11.53	11.51	13.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	11.56	11.51	11.52	13.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	11.53	11.51	11.52	13.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	11.52	11.53	11.54	13.5	0.0

Reduced Power for DSI 4

n5_Ant 11

BW [MHz]	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	22.11	22.20	22.15	23.5	0.0
20	PI/2 BPSK	1	53	21.94	22.08	21.99		
20	PI/2 BPSK	1	104	21.86	21.96	21.86		
20	PI/2 BPSK	50	0	21.91	22.03	21.87	23.5	0.0
20	PI/2 BPSK	50	28	21.93	22.05	21.98	23.5	0.0
20	PI/2 BPSK	50	56	21.89	21.94	21.80	23.5	0.0
20	PI/2 BPSK	100	0	21.86	21.98	21.83		
20	QPSK	1	1	22.03	22.08	21.93	23.5	0.0
20	QPSK	1	53	21.97	22.02	21.89		
20	QPSK	1	104	21.91	22.01	21.87		
20	QPSK	50	0	21.97	22.07	21.95	23.5	0.0
20	QPSK	50	28	21.90	22.03	21.97	23.5	0.0
20	QPSK	50	56	21.86	21.92	21.78	23.5	0.0
20	QPSK	100	0	21.90	22.06	21.90		
20	16QAM	1	1	21.91	22.01	21.96	23.5	0.0
20	64QAM	1	1	22.02	22.16	22.07	22.0	1.5
20	256QAM	1	1	19.07	19.05	19.03	20.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.95	22.09	22.03	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.97	22.10	22.01	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.00	22.08	22.07	23.5	0.0

n5_Ant 41

BW [MHz]	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	23.45	23.53	23.41	24.5	0.0
20	PI/2 BPSK	1	53	23.35	23.44	23.32		
20	PI/2 BPSK	1	104	23.37	23.42	23.29		
20	PI/2 BPSK	50	0	23.42	23.50	23.38	24.0	0.5
20	PI/2 BPSK	50	28	23.42	23.51	23.36	24.5	0.0
20	PI/2 BPSK	50	56	23.21	23.33	23.18	24.0	0.5
20	PI/2 BPSK	100	0	23.45	23.46	23.43		
20	QPSK	1	1	23.34	23.50	23.38	24.5	0.0
20	QPSK	1	53	23.36	23.46	23.34		
20	QPSK	1	104	23.30	23.36	23.23		
20	QPSK	50	0	22.96	23.04	22.92	23.5	1.0
20	QPSK	50	28	23.34	23.42	23.36	24.5	0.0
20	QPSK	50	56	22.75	22.87	22.80	23.5	1.0
20	QPSK	100	0	22.87	22.92	22.86		
20	16QAM	1	1	22.68	22.83	22.69	23.5	1.0
20	64QAM	1	1	21.70	21.76	21.65	22.0	2.5
20	256QAM	1	1	19.47	19.56	19.46	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.34	23.45	23.36	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.36	23.38	23.36	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.31	23.39	23.26	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.29	21.41	21.27	22.3	0.0
20	PI/2 BPSK	1	53	21.21	21.28	21.13		
20	PI/2 BPSK	1	104	21.13	21.25	21.12		
20	PI/2 BPSK	50	0	21.13	21.22	21.16	22.3	0.0
20	PI/2 BPSK	50	28	21.14	21.30	21.24	22.3	0.0
20	PI/2 BPSK	50	56	21.11	21.27	21.21	22.3	0.0
20	PI/2 BPSK	100	0	21.10	21.26	21.12		
20	QPSK	1	1	21.15	21.22	21.08	22.3	0.0
20	QPSK	1	53	21.09	21.25	21.20		
20	QPSK	1	104	21.21	21.35	21.22		
20	QPSK	50	0	21.16	21.29	21.15	22.3	0.0
20	QPSK	50	28	21.15	21.24	21.16	22.3	0.0
20	QPSK	50	56	21.18	21.32	21.20	22.3	0.0
20	QPSK	100	0	21.14	21.22	21.14		
20	16QAM	1	1	21.29	21.35	21.23	22.3	0.0
20	64QAM	1	1	21.21	21.34	21.27	22.3	0.0
20	256QAM	1	1	19.11	19.25	19.11	20.3	2.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	21.15	21.27	21.21	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	21.14	21.33	21.19	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	21.21	21.32	21.20	22.3	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	19.93	20.09	19.97	21.0	0.0
30	PI/2 BPSK	1	80	19.78	19.83	19.70		
30	PI/2 BPSK	1	158	19.80	19.92	19.86		
30	PI/2 BPSK	80	0	19.62	19.87	19.75	21.0	0.0
30	PI/2 BPSK	80	40	19.78	19.92	19.77	21.0	0.0
30	PI/2 BPSK	80	80	19.77	19.91	19.71	21.0	0.0
30	PI/2 BPSK	160	0	19.75	19.81	19.70		
30	QPSK	1	1	19.76	19.88	19.79	21.0	0.0
30	QPSK	1	80	19.66	19.80	19.65		
30	QPSK	1	158	19.71	19.87	19.73		
30	QPSK	80	0	19.82	19.89	19.74	21.0	0.0
30	QPSK	80	40	19.76	19.81	19.68	21.0	0.0
30	QPSK	80	80	19.71	19.86	19.80	21.0	0.0
30	QPSK	160	0	19.78	19.86	19.76		
30	16QAM	1	1	19.96	20.05	19.92	21.0	0.0
30	64QAM	1	1	20.02	20.08	19.93	21.0	0.0
30	256QAM	1	1	19.36	19.42	19.26	20.0	1.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	19.84	20.01	19.88	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	19.88	20.00	19.84	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	19.77	19.99	19.89	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	19.80	20.00	19.89	21.0	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.12		23.0	0.0
100	PI/2 BPSK	1	137		21.87			
100	PI/2 BPSK	1	271		21.78			
100	PI/2 BPSK	135	0		21.81		23.0	0.0
100	PI/2 BPSK	135	69		21.82		23.0	0.0
100	PI/2 BPSK	135	138		21.77		23.0	0.0
100	PI/2 BPSK	270	0		21.74			
100	QPSK	1	1		21.98		23.0	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.93		23.0	0.0
100	QPSK	135	69		21.84			
100	QPSK	135	138		21.70			
100	QPSK	270	0		21.77		23.0	0.0
100	16QAM	1	1		21.36		23.0	0.0
100	64QAM	1	1		22.04		22.5	0.5
100	256QAM	1	1		19.95		20.5	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	22.03	22.03	22.06	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	22.02	21.99	21.97	23.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	21.96	22.05	22.02	23.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	22.05	22.05	21.96	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.01	21.98	22.07	23.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.00	22.00	22.07	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	21.99	22.06	22.07	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.05	22.01	21.98	23.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.22		23.0	0.0
100	PI/2 BPSK	1	137		21.91			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		21.93		23.0	0.0
100	PI/2 BPSK	135	69		21.98		23.0	0.0
100	PI/2 BPSK	135	138		21.65		23.0	0.0
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	1		22.06		23.0	0.0
100	QPSK	1	137		21.87			
100	QPSK	1	271		21.77			
100	QPSK	135	0		21.88		23.0	0.0
100	QPSK	135	69		21.78			
100	QPSK	135	138		21.77			
100	QPSK	270	0		21.70		23.0	0.0
100	16QAM	1	1		22.07		23.0	0.0
100	64QAM	1	1		22.19		22.5	0.5
100	256QAM	1	1		19.93		20.5	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	22.16	22.07	22.16	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	22.06	22.10	22.07	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	22.06	22.14	22.07	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	22.15	22.08	22.16	23.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	22.12	22.15	22.06	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	22.07	22.09	22.17	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	22.12	22.10	22.12	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	22.06	22.16	22.13	23.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.62		18.3	0.0
100	PI/2 BPSK	1	137		17.41			
100	PI/2 BPSK	1	271		17.39			
100	PI/2 BPSK	135	0		17.47		18.3	0.0
100	PI/2 BPSK	135	69		17.51		18.3	0.0
100	PI/2 BPSK	135	138		17.27		18.3	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.50		18.3	0.0
100	QPSK	1	137		17.37			
100	QPSK	1	271		17.40			
100	QPSK	135	0		17.43		18.3	0.0
100	QPSK	135	69		17.37			
100	QPSK	135	138		17.32			
100	QPSK	270	0		17.33		18.3	0.0
100	16QAM	1	1		17.51		18.3	0.0
100	64QAM	1	1		17.33		18.3	0.0
100	256QAM	1	1		17.39		18.3	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.48	17.54	17.55	18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.52	17.57	17.48	18.3	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.57	17.55	17.51	18.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.54	17.50	17.54	18.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.47	17.50	17.49	18.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.48	17.57	17.50	18.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.46	17.51	17.54	18.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.50	17.48	17.55	18.3	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.58		18.3	0.0
100	PI/2 BPSK	1	137		17.37			
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.38		18.3	0.0
100	PI/2 BPSK	135	69		17.44		18.3	0.0
100	PI/2 BPSK	135	138		17.29		18.3	0.0
100	PI/2 BPSK	270	0		17.35			
100	QPSK	1	1		17.46		18.3	0.0
100	QPSK	1	137		17.40			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.36		18.3	0.0
100	QPSK	135	69		17.36			
100	QPSK	135	138		17.29			
100	QPSK	270	0		17.35		18.3	0.0
100	16QAM	1	1		17.35		18.3	0.0
100	64QAM	1	1		17.21		18.3	0.0
100	256QAM	1	1		17.35		18.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.42	17.47	17.49	18.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.43	17.53	17.51	18.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.42	17.51	17.53	18.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.42	17.50	17.49	18.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.47	17.49	17.51	18.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.45	17.48	17.45	18.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.49	17.48	17.44	18.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.50	17.48	17.52	18.3	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.04		21.0	0.0
100	PI/2 BPSK	1	137		19.96			
100	PI/2 BPSK	1	271		19.83			
100	PI/2 BPSK	135	0		19.93		21.0	0.0
100	PI/2 BPSK	135	69		19.99		21.0	0.0
100	PI/2 BPSK	135	138		19.87		21.0	0.0
100	PI/2 BPSK	270	0		19.91			
100	QPSK	1	1		19.97		21.0	0.0
100	QPSK	1	137		19.98			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.95		21.0	0.0
100	QPSK	135	69		19.97			
100	QPSK	135	138		19.92			
100	QPSK	270	0		19.93		21.0	0.0
100	16QAM	1	1		19.21		21.0	0.0
100	64QAM	1	1		19.20		21.0	0.0
100	256QAM	1	1		19.97		20.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.92	19.86	19.92	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.90	19.78	19.83	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.89	19.83	19.82	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.97	19.77	19.92	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.89	19.76	19.92	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.94	19.78	19.89	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.94	19.80	19.92	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.88	19.84	19.86	21.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.03		21.0	0.0
100	PI/2 BPSK	1	137		19.94			
100	PI/2 BPSK	1	271		19.96			
100	PI/2 BPSK	135	0		19.86		21.0	0.0
100	PI/2 BPSK	135	69		19.97		21.0	0.0
100	PI/2 BPSK	135	138		19.93		21.0	0.0
100	PI/2 BPSK	270	0		19.95			
100	QPSK	1	1		19.81		21.0	0.0
100	QPSK	1	137		19.96			
100	QPSK	1	271		19.94			
100	QPSK	135	0		19.86		21.0	0.0
100	QPSK	135	69		19.92			
100	QPSK	135	138		19.90			
100	QPSK	270	0		19.82		21.0	0.0
100	16QAM	1	1		20.02		21.0	0.0
100	64QAM	1	1		19.97		21.0	0.0
100	256QAM	1	1		19.84		20.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.88	19.88	19.89	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.97	19.82	19.88	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.87	19.83	19.87	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.94	19.87	19.87	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.96	19.82	19.86	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.93	19.83	19.82	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.91	19.89	19.82	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.98	19.87	19.80	21.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.45		20.5	0.0
100	PI/2 BPSK	1	137		19.23			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.24		20.5	0.0
100	PI/2 BPSK	135	69		19.26		20.5	0.0
100	PI/2 BPSK	135	138		19.19		20.5	0.0
100	PI/2 BPSK	270	0		19.16			
100	QPSK	1	1		19.22		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.21		20.5	0.0
100	QPSK	135	69		19.18			
100	QPSK	135	138		19.11			
100	QPSK	270	0		19.16		20.5	0.0
100	16QAM	1	1		19.35		20.5	0.0
100	64QAM	1	1		19.36		20.5	0.0
100	256QAM	1	1		19.23		20.0	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.03	19.34	19.18	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.06	19.36	19.18	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.06	19.35	19.16	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.04	19.30	19.15	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.00	19.35	19.11	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.98	19.37	19.19	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.04	19.30	19.12	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.05	19.35	19.12	20.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.92		20.5	0.0
100	PI/2 BPSK	1	137		18.64			
100	PI/2 BPSK	1	271		18.46			
100	PI/2 BPSK	135	0		18.59		20.5	0.0
100	PI/2 BPSK	135	69		18.63		20.5	0.0
100	PI/2 BPSK	135	138		18.45		20.5	0.0
100	PI/2 BPSK	270	0		18.59			
100	QPSK	1	1		18.70		20.5	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.42			
100	QPSK	135	0		18.63		20.5	0.0
100	QPSK	135	69		18.58			
100	QPSK	135	138		18.41			
100	QPSK	270	0		18.56		20.5	0.0
100	16QAM	1	1		18.83		20.5	0.0
100	64QAM	1	1		18.82		20.5	0.0
100	256QAM	1	1		18.72		20.0	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.86	18.47	18.65	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.82	18.48	18.65	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.79	18.47	18.54	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.80	18.50	18.60	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.77	18.52	18.63	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.76	18.52	18.56	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	18.78	18.53	18.59	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.83	18.49	18.59	20.5	0.0

Reduced Power for DSI 5

n5_Ant 11

BW [MHz]	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	22.11	22.20	22.15	23.5	0.0
20	PI/2 BPSK	1	53	21.94	22.08	21.99		
20	PI/2 BPSK	1	104	21.86	21.96	21.86		
20	PI/2 BPSK	50	0	21.91	22.03	21.87	23.5	0.0
20	PI/2 BPSK	50	28	21.93	22.05	21.98	23.5	0.0
20	PI/2 BPSK	50	56	21.89	21.94	21.80	23.5	0.0
20	PI/2 BPSK	100	0	21.86	21.98	21.83		
20	QPSK	1	1	22.03	22.08	21.93	23.5	0.0
20	QPSK	1	53	21.97	22.02	21.89		
20	QPSK	1	104	21.91	22.01	21.87		
20	QPSK	50	0	21.97	22.07	21.95	23.5	0.0
20	QPSK	50	28	21.90	22.03	21.97	23.5	0.0
20	QPSK	50	56	21.86	21.92	21.78	23.5	0.0
20	QPSK	100	0	21.90	22.06	21.90		
20	16QAM	1	1	21.91	22.01	21.96	23.5	0.0
20	64QAM	1	1	22.02	22.16	22.07	22.0	1.5
20	256QAM	1	1	19.07	19.05	19.03	20.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.95	22.09	22.03	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.97	22.10	22.01	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.00	22.08	22.07	23.5	0.0

n5_Ant 41

BW [MHz]	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	23.45	23.53	23.41	24.5	0.0
20	PI/2 BPSK	1	53	23.35	23.44	23.32		
20	PI/2 BPSK	1	104	23.37	23.42	23.29		
20	PI/2 BPSK	50	0	23.42	23.50	23.38	24.0	0.5
20	PI/2 BPSK	50	28	23.42	23.51	23.36	24.5	0.0
20	PI/2 BPSK	50	56	23.21	23.33	23.18	24.0	0.5
20	PI/2 BPSK	100	0	23.45	23.46	23.43		
20	QPSK	1	1	23.34	23.50	23.38	24.5	0.0
20	QPSK	1	53	23.36	23.46	23.34		
20	QPSK	1	104	23.30	23.36	23.23		
20	QPSK	50	0	22.96	23.04	22.92	23.5	1.0
20	QPSK	50	28	23.34	23.42	23.36	24.5	0.0
20	QPSK	50	56	22.75	22.87	22.80	23.5	1.0
20	QPSK	100	0	22.87	22.92	22.86		
20	16QAM	1	1	22.68	22.83	22.69	23.5	1.0
20	64QAM	1	1	21.70	21.76	21.65	22.0	2.5
20	256QAM	1	1	19.47	19.56	19.46	20.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.34	23.45	23.36	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.36	23.38	23.36	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.31	23.39	23.26	24.5	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.96	18.11	17.99	19.3	0.0
20	PI/2 BPSK	1	53	17.83	17.90	17.79		
20	PI/2 BPSK	1	104	17.82	17.94	17.85		
20	PI/2 BPSK	50	0	17.79	17.93	17.78	19.3	0.0
20	PI/2 BPSK	50	28	17.88	17.99	17.92	19.3	0.0
20	PI/2 BPSK	50	56	17.87	17.97	17.85	19.3	0.0
20	PI/2 BPSK	100	0	17.79	17.95	17.87		
20	QPSK	1	1	17.76	17.89	17.75	19.3	0.0
20	QPSK	1	53	17.83	17.94	17.83		
20	QPSK	1	104	18.00	18.09	18.03		
20	QPSK	50	0	17.82	17.97	17.85	19.3	0.0
20	QPSK	50	28	17.77	17.93	17.84	19.3	0.0
20	QPSK	50	56	17.91	18.02	17.90	19.3	0.0
20	QPSK	100	0	17.72	17.87	17.77		
20	16QAM	1	1	17.76	17.87	17.81	19.3	0.0
20	64QAM	1	1	17.66	17.82	17.73	19.3	0.0
20	256QAM	1	1	17.81	17.92	17.81	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.83	18.03	17.87	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.86	17.95	17.93	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	17.88	18.02	17.91	19.3	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	16.18	16.29	16.16	17.5	0.0
30	PI/2 BPSK	1	80	15.99	16.00	15.91		
30	PI/2 BPSK	1	158	16.04	16.11	16.08		
30	PI/2 BPSK	80	0	15.80	16.10	15.91	17.5	0.0
30	PI/2 BPSK	80	40	16.02	16.11	15.96	17.5	0.0
30	PI/2 BPSK	80	80	15.95	16.10	15.86	17.5	0.0
30	PI/2 BPSK	160	0	15.99	16.05	15.84		
30	QPSK	1	1	15.98	16.10	16.01	17.5	0.0
30	QPSK	1	80	15.82	16.03	15.83		
30	QPSK	1	158	15.87	16.09	15.93		
30	QPSK	80	0	15.98	16.13	15.99	17.5	0.0
30	QPSK	80	40	15.90	15.98	15.89	17.5	0.0
30	QPSK	80	80	15.90	16.11	16.05	17.5	0.0
30	QPSK	160	0	15.96	16.07	15.97		
30	16QAM	1	1	16.20	16.26	16.14	17.5	0.0
30	64QAM	1	1	16.27	16.27	16.08	17.5	0.0
30	256QAM	1	1	16.04	16.17	16.05	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.07	16.16	16.02	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	16.09	16.21	16.00	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	16.09	16.16	16.07	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	16.07	16.21	16.02	17.5	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.21		18.0	0.0
100	PI/2 BPSK	1	137		16.25			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.19		18.0	0.0
100	PI/2 BPSK	135	69		16.20		18.0	0.0
100	PI/2 BPSK	135	138		16.16		18.0	0.0
100	PI/2 BPSK	270	0		16.14			
100	QPSK	1	1		16.36		18.0	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		16.14			
100	QPSK	135	0		16.31		18.0	0.0
100	QPSK	135	69		16.21			
100	QPSK	135	138		16.12			
100	QPSK	270	0		16.13		18.0	0.0
100	16QAM	1	1		17.05		18.0	0.0
100	64QAM	1	1		17.15		18.0	0.0
100	256QAM	1	1		17.12		18.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.12	17.12	17.05	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.12	17.14	17.13	18.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.15	17.13	17.11	18.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.13	17.06	17.05	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.14	17.14	17.10	18.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.07	17.12	17.15	18.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.16	17.13	17.10	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.14	17.08	17.14	18.0	0.0

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.04		18.0	0.0
100	PI/2 BPSK	1	137		16.82			
100	PI/2 BPSK	1	271		16.74			
100	PI/2 BPSK	135	0		16.85		18.0	0.0
100	PI/2 BPSK	135	69		16.87		18.0	0.0
100	PI/2 BPSK	135	138		16.55		18.0	0.0
100	PI/2 BPSK	270	0		16.69			
100	QPSK	1	1		16.91		18.0	0.0
100	QPSK	1	137		16.74			
100	QPSK	1	271		16.63			
100	QPSK	135	0		16.76		18.0	0.0
100	QPSK	135	69		16.64			
100	QPSK	135	138		16.65			
100	QPSK	270	0		16.57		18.0	0.0
100	16QAM	1	1		16.99		18.0	0.0
100	64QAM	1	1		16.95		18.0	0.0
100	256QAM	1	1		16.84		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	16.88	16.91	16.88	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	16.88	16.92	16.98	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	16.92	16.98	16.91	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	16.99	16.96	16.90	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	16.98	16.99	16.94	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.92	16.89	16.94	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	16.96	16.96	16.93	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	16.95	16.95	16.97	18.0	0.0

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.62		18.3	0.0
100	PI/2 BPSK	1	137		17.41			
100	PI/2 BPSK	1	271		17.39			
100	PI/2 BPSK	135	0		17.47		18.3	0.0
100	PI/2 BPSK	135	69		17.51		18.3	0.0
100	PI/2 BPSK	135	138		17.27		18.3	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.50		18.3	0.0
100	QPSK	1	137		17.37			
100	QPSK	1	271		17.40			
100	QPSK	135	0		17.43		18.3	0.0
100	QPSK	135	69		17.37			
100	QPSK	135	138		17.32			
100	QPSK	270	0		17.33		18.3	0.0
100	16QAM	1	1		17.51		18.3	0.0
100	64QAM	1	1		17.33		18.3	0.0
100	256QAM	1	1		17.39		18.3	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	17.48	17.54	17.55	18.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	17.52	17.57	17.48	18.3	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	17.57	17.55	17.51	18.3	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	17.54	17.50	17.54	18.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	17.47	17.50	17.49	18.3	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	17.48	17.57	17.50	18.3	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	17.46	17.51	17.54	18.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	17.50	17.48	17.55	18.3	0.0

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.58		18.3	0.0
100	PI/2 BPSK	1	137		17.37			
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.38		18.3	0.0
100	PI/2 BPSK	135	69		17.44		18.3	0.0
100	PI/2 BPSK	135	138		17.29		18.3	0.0
100	PI/2 BPSK	270	0		17.35			
100	QPSK	1	1		17.46		18.3	0.0
100	QPSK	1	137		17.40			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.36		18.3	0.0
100	QPSK	135	69		17.36			
100	QPSK	135	138		17.29			
100	QPSK	270	0		17.35		18.3	0.0
100	16QAM	1	1		17.35		18.3	0.0
100	64QAM	1	1		17.21		18.3	0.0
100	256QAM	1	1		17.35		18.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	17.42	17.47	17.49	18.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	17.43	17.53	17.51	18.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	17.42	17.51	17.53	18.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	17.42	17.50	17.49	18.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	17.47	17.49	17.51	18.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	17.45	17.48	17.45	18.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	17.49	17.48	17.44	18.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	17.50	17.48	17.52	18.3	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.04		21.0	0.0
100	PI/2 BPSK	1	137		19.96			
100	PI/2 BPSK	1	271		19.83			
100	PI/2 BPSK	135	0		19.93		21.0	0.0
100	PI/2 BPSK	135	69		19.99		21.0	0.0
100	PI/2 BPSK	135	138		19.87		21.0	0.0
100	PI/2 BPSK	270	0		19.91			
100	QPSK	1	1		19.97		21.0	0.0
100	QPSK	1	137		19.98			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.95		21.0	0.0
100	QPSK	135	69		19.97			
100	QPSK	135	138		19.92			
100	QPSK	270	0		19.93		21.0	0.0
100	16QAM	1	1		19.21		21.0	0.0
100	64QAM	1	1		19.20		21.0	0.0
100	256QAM	1	1		19.97		20.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.92	19.86	19.92	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.90	19.78	19.83	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.89	19.83	19.82	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.97	19.77	19.92	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.89	19.76	19.92	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	19.94	19.78	19.89	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.94	19.80	19.92	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.88	19.84	19.86	21.0	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.03		21.0	0.0
100	PI/2 BPSK	1	137		19.94			
100	PI/2 BPSK	1	271		19.96			
100	PI/2 BPSK	135	0		19.86		21.0	0.0
100	PI/2 BPSK	135	69		19.97		21.0	0.0
100	PI/2 BPSK	135	138		19.93		21.0	0.0
100	PI/2 BPSK	270	0		19.95			
100	QPSK	1	1		19.81		21.0	0.0
100	QPSK	1	137		19.96			
100	QPSK	1	271		19.94			
100	QPSK	135	0		19.86		21.0	0.0
100	QPSK	135	69		19.92			
100	QPSK	135	138		19.90			
100	QPSK	270	0		19.82		21.0	0.0
100	16QAM	1	1		20.02		21.0	0.0
100	64QAM	1	1		19.97		21.0	0.0
100	256QAM	1	1		19.84		20.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	19.88	19.88	19.89	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	19.97	19.82	19.88	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	19.87	19.83	19.87	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	19.94	19.87	19.87	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	19.96	19.82	19.86	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	19.93	19.83	19.82	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	19.91	19.89	19.82	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	19.98	19.87	19.80	21.0	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.45		20.5	0.0
100	PI/2 BPSK	1	137		19.23			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.24		20.5	0.0
100	PI/2 BPSK	135	69		19.26		20.5	0.0
100	PI/2 BPSK	135	138		19.19		20.5	0.0
100	PI/2 BPSK	270	0		19.16			
100	QPSK	1	1		19.22		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.21		20.5	0.0
100	QPSK	135	69		19.18			
100	QPSK	135	138		19.11			
100	QPSK	270	0		19.16		20.5	0.0
100	16QAM	1	1		19.35		20.5	0.0
100	64QAM	1	1		19.36		20.5	0.0
100	256QAM	1	1		19.23		20.0	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	19.03	19.34	19.18	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	19.06	19.36	19.18	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	19.06	19.35	19.16	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	19.04	19.30	19.15	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	19.00	19.35	19.11	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.98	19.37	19.19	20.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	19.04	19.30	19.12	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	19.05	19.35	19.12	20.5	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.92		20.5	0.0
100	PI/2 BPSK	1	137		18.64			
100	PI/2 BPSK	1	271		18.56			
100	PI/2 BPSK	135	0		18.59		20.5	0.0
100	PI/2 BPSK	135	69		18.63		20.5	0.0
100	PI/2 BPSK	135	138		18.51		20.5	0.0
100	PI/2 BPSK	270	0		18.59			
100	QPSK	1	1		18.70		20.5	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.52			
100	QPSK	135	0		18.63		20.5	0.0
100	QPSK	135	69		18.58			
100	QPSK	135	138		18.52			
100	QPSK	270	0		18.56		20.5	0.0
100	16QAM	1	1		18.83		20.5	0.0
100	64QAM	1	1		18.82		20.5	0.0
100	256QAM	1	1		18.72		20.0	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.86	18.56	18.65	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.82	18.53	18.65	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.79	18.52	18.54	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.80	18.50	18.60	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.77	18.52	18.63	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.76	18.52	18.56	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	18.78	18.53	18.59	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.83	18.51	18.59	20.5	0.0

Reduced Power for DSI 8

n5_Ant 11

BW [MHz]	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	14.54	14.63	14.58	16.0	0.0
20	PI/2 BPSK	1	53	14.38	14.53	14.42		
20	PI/2 BPSK	1	104	14.48	14.54	14.39		
20	PI/2 BPSK	50	0	14.47	14.56	14.41	16.0	0.0
20	PI/2 BPSK	50	28	14.55	14.60	14.46	16.0	0.0
20	PI/2 BPSK	50	56	14.44	14.54	14.41	16.0	0.0
20	PI/2 BPSK	100	0	14.35	14.51	14.42		
20	QPSK	1	1	14.45	14.61	14.46	16.0	0.0
20	QPSK	1	53	14.44	14.56	14.42		
20	QPSK	1	104	14.35	14.48	14.35		
20	QPSK	50	0	14.45	14.53	14.39	16.0	0.0
20	QPSK	50	28	14.41	14.55	14.44	16.0	0.0
20	QPSK	50	56	14.36	14.43	14.38	16.0	0.0
20	QPSK	100	0	14.43	14.53	14.48		
20	16QAM	1	1	14.39	14.54	14.49	16.0	0.0
20	64QAM	1	1	14.46	14.55	14.47	16.0	0.0
20	256QAM	1	1	14.33	14.48	14.35	16.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	14.46	14.58	14.44	16.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	14.48	14.50	14.48	16.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	14.46	14.51	14.44	16.0	0.0

n5_Ant 41

BW [MHz]	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	16.74	16.79	16.71	18.0	0.0
20	PI/2 BPSK	1	53	16.65	16.71	16.57		
20	PI/2 BPSK	1	104	16.56	16.65	16.55		
20	PI/2 BPSK	50	0	16.62	16.75	16.63	18.0	0.0
20	PI/2 BPSK	50	28	16.67	16.76	16.65	18.0	0.0
20	PI/2 BPSK	50	56	16.51	16.58	16.43	18.0	0.0
20	PI/2 BPSK	100	0	16.64	16.71	16.58		
20	QPSK	1	1	16.69	16.75	16.68	18.0	0.0
20	QPSK	1	53	16.55	16.71	16.57		
20	QPSK	1	104	16.54	16.61	16.55		
20	QPSK	50	0	16.22	16.29	16.21	18.0	0.0
20	QPSK	50	28	16.58	16.67	16.58	18.0	0.0
20	QPSK	50	56	16.31	16.37	16.31	18.0	0.0
20	QPSK	100	0	16.35	16.42	16.30		
20	16QAM	1	1	16.60	16.75	16.64	18.0	0.0
20	64QAM	1	1	16.46	16.53	16.39	18.0	0.0
20	256QAM	1	1	16.64	16.78	16.66	18.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	16.58	16.73	16.65	18.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	16.66	16.67	16.59	18.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	16.63	16.65	16.64	18.0	0.0

n7_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.01	12.19	12.03	13.8	0.0
20	PI/2 BPSK	1	53	11.92	12.04	11.92		
20	PI/2 BPSK	1	104	11.90	12.02	11.99		
20	PI/2 BPSK	50	0	11.93	12.04	11.86	13.8	0.0
20	PI/2 BPSK	50	28	11.95	12.08	12.06	13.8	0.0
20	PI/2 BPSK	50	56	11.94	12.02	11.98	13.8	0.0
20	PI/2 BPSK	100	0	11.84	11.99	11.94		
20	QPSK	1	1	11.84	12.03	11.89	13.8	0.0
20	QPSK	1	53	11.92	12.04	11.90		
20	QPSK	1	104	12.09	12.17	12.17		
20	QPSK	50	0	11.93	12.11	11.93	13.8	0.0
20	QPSK	50	28	11.87	12.06	11.98	13.8	0.0
20	QPSK	50	56	12.03	12.17	11.98	13.8	0.0
20	QPSK	100	0	11.81	12.00	11.81		
20	16QAM	1	1	11.89	11.99	11.95	13.8	0.0
20	64QAM	1	1	11.71	11.96	11.83	13.8	0.0
20	256QAM	1	1	11.85	12.06	11.96	13.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	11.92	12.04	11.91	13.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	11.96	12.11	11.89	13.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	11.86	12.05	11.92	13.8	0.0

n66_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	9.04	9.24	9.05	10.5	0.0
30	PI/2 BPSK	1	80	8.90	8.90	8.77		
30	PI/2 BPSK	1	158	8.97	9.06	9.00		
30	PI/2 BPSK	80	0	8.70	8.96	8.77	10.5	0.0
30	PI/2 BPSK	80	40	8.91	8.98	8.87	10.5	0.0
30	PI/2 BPSK	80	80	8.80	8.96	8.77	10.5	0.0
30	PI/2 BPSK	160	0	8.88	8.94	8.70		
30	QPSK	1	1	8.93	8.96	8.93	10.5	0.0
30	QPSK	1	80	8.70	8.91	8.72		
30	QPSK	1	158	8.79	8.96	8.88		
30	QPSK	80	0	8.86	9.08	8.90	10.5	0.0
30	QPSK	80	40	8.82	8.86	8.76	10.5	0.0
30	QPSK	80	80	8.84	8.97	8.90	10.5	0.0
30	QPSK	160	0	8.81	9.00	8.88		
30	16QAM	1	1	9.09	9.13	8.99	10.5	0.0
30	64QAM	1	1	9.21	9.21	9.01	10.5	0.0
30	256QAM	1	1	8.95	9.05	8.96	10.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	8.94	9.08	8.97	10.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	8.92	9.10	8.99	10.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	8.92	9.17	9.00	10.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	8.88	9.12	8.97	10.5	0.0

Par27Q n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.95		12.5	0.0
100	PI/2 BPSK	1	137		11.85			
100	PI/2 BPSK	1	271		11.94			
100	PI/2 BPSK	135	0		11.59		12.5	0.0
100	PI/2 BPSK	135	69		11.80		12.5	0.0
100	PI/2 BPSK	135	138		11.79		12.5	0.0
100	PI/2 BPSK	270	0		11.63			
100	QPSK	1	1		11.79		12.5	0.0
100	QPSK	1	137		11.87			
100	QPSK	1	271		11.63			
100	QPSK	135	0		11.69		12.5	0.0
100	QPSK	135	69		11.86			
100	QPSK	135	138		11.61			
100	QPSK	270	0		11.74		12.5	0.0
100	16QAM	1	1		11.78		12.5	0.0
100	64QAM	1	1		11.87		12.5	0.0
100	256QAM	1	1		11.66		12.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	12.5	0.0
90	PI/2 BPSK	1	1	11.82	11.80	11.86		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	12.5	0.0
80	PI/2 BPSK	1	1	11.86	11.80	11.85		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	12.5	0.0
70	PI/2 BPSK	1	1	11.90	11.90	11.79		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	12.5	0.0
60	PI/2 BPSK	1	1	11.86	11.90	11.83		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	12.5	0.0
50	PI/2 BPSK	1	1	11.83	11.86	11.83		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	12.5	0.0
40	PI/2 BPSK	1	1	11.90	11.81	11.90		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	12.5	0.0
30	PI/2 BPSK	1	1	11.89	11.89	11.88		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	12.5	0.0
20	PI/2 BPSK	1	1	11.85	11.80	11.87		

Part27O n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.58		12.5	0.0
100	PI/2 BPSK	1	137		11.45			
100	PI/2 BPSK	1	271		11.45			
100	PI/2 BPSK	135	0		11.29		12.5	0.0
100	PI/2 BPSK	135	69		11.52		12.5	0.0
100	PI/2 BPSK	135	138		11.37		12.5	0.0
100	PI/2 BPSK	270	0		11.46			
100	QPSK	1	1		11.37		12.5	0.0
100	QPSK	1	137		11.51			
100	QPSK	1	271		11.32			
100	QPSK	135	0		11.43		12.5	0.0
100	QPSK	135	69		11.39			
100	QPSK	135	138		11.48			
100	QPSK	270	0		11.32		12.5	0.0
100	16QAM	1	1		11.51		12.5	0.0
100	64QAM	1	1		11.51		12.5	0.0
100	256QAM	1	1		11.34		12.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	12.5	0.0
90	PI/2 BPSK	1	1	11.53	11.44	11.45		
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	12.5	0.0
80	PI/2 BPSK	1	1	11.53	11.51	11.45		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	12.5	0.0
70	PI/2 BPSK	1	1	11.45	11.42	11.51		
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	12.5	0.0
60	PI/2 BPSK	1	1	11.52	11.42	11.46		
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	12.5	0.0
50	PI/2 BPSK	1	1	11.42	11.49	11.48		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	12.5	0.0
40	PI/2 BPSK	1	1	11.50	11.53	11.45		
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98	12.5	0.0
30	PI/2 BPSK	1	1	11.53	11.45	11.43		
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	12.5	0.0
20	PI/2 BPSK	1	1	11.43	11.47	11.51		

Par27Q n78_Ant 24

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.77		13.8	0.0
100	PI/2 BPSK	1	137		12.70			
100	PI/2 BPSK	1	271		12.72			
100	PI/2 BPSK	135	0		12.70		13.8	0.0
100	PI/2 BPSK	135	69		12.73		13.8	0.0
100	PI/2 BPSK	135	138		12.68		13.8	0.0
100	PI/2 BPSK	270	0		12.72			
100	QPSK	1	1		12.83		13.8	0.0
100	QPSK	1	137		12.75			
100	QPSK	1	271		12.68			
100	QPSK	135	0		12.70		13.8	0.0
100	QPSK	135	69		12.72			
100	QPSK	135	138		12.67			
100	QPSK	270	0		12.60		13.8	0.0
100	16QAM	1	1		12.72		13.8	0.0
100	64QAM	1	1		12.63		13.8	0.0
100	256QAM	1	1		12.69		13.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	13.8	0.0
90	PI/2 BPSK	1	1	12.66	12.67	12.53		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	13.8	0.0
80	PI/2 BPSK	1	1	12.69	12.70	12.52		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	13.8	0.0
70	PI/2 BPSK	1	1	12.71	12.64	12.44		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	13.8	0.0
60	PI/2 BPSK	1	1	12.65	12.61	12.55		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	13.8	0.0
50	PI/2 BPSK	1	1	12.63	12.69	12.48		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	13.8	0.0
40	PI/2 BPSK	1	1	12.65	12.64	12.54		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	13.8	0.0
30	PI/2 BPSK	1	1	12.70	12.64	12.55		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	13.8	0.0
20	PI/2 BPSK	1	1	12.63	12.71	12.54		

Part27O n78_Ant 24

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.68		13.8	0.0
100	PI/2 BPSK	1	137		12.58			
100	PI/2 BPSK	1	271		12.62			
100	PI/2 BPSK	135	0		12.65		13.8	0.0
100	PI/2 BPSK	135	69		12.66		13.8	0.0
100	PI/2 BPSK	135	138		12.57		13.8	0.0
100	PI/2 BPSK	270	0		12.64			
100	QPSK	1	1		12.55		13.8	0.0
100	QPSK	1	137		12.66			
100	QPSK	1	271		12.63			
100	QPSK	135	0		12.57		13.8	0.0
100	QPSK	135	69		12.56			
100	QPSK	135	138		12.61			
100	QPSK	270	0		12.50		13.8	0.0
100	16QAM	1	1		12.57		13.8	0.0
100	64QAM	1	1		12.47		13.8	0.0
100	256QAM	1	1		12.55		13.8	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	12.60	12.60	12.72	13.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	12.61	12.71	12.61	13.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	12.69	12.69	12.71	13.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	12.69	12.70	12.69	13.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	12.62	12.68	12.63	13.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	12.68	12.61	12.67	13.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	12.68	12.65	12.69	13.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	12.61	12.62	12.64	13.8	0.0

Par27Q n78_Ant 101

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.65		15.5	0.0
100	PI/2 BPSK	1	137		14.51			
100	PI/2 BPSK	1	271		14.36			
100	PI/2 BPSK	135	0		14.41		15.5	0.0
100	PI/2 BPSK	135	69		14.47		15.5	0.0
100	PI/2 BPSK	135	138		14.30		15.5	0.0
100	PI/2 BPSK	270	0		14.41			
100	QPSK	1	1		14.59		15.5	0.0
100	QPSK	1	137		14.47			
100	QPSK	1	271		14.32			
100	QPSK	135	0		14.49		15.5	0.0
100	QPSK	135	69		14.34			
100	QPSK	135	138		14.32			
100	QPSK	270	0		14.42		15.5	0.0
100	16QAM	1	1		14.53		15.5	0.0
100	64QAM	1	1		14.58		15.5	0.0
100	256QAM	1	1		14.60		15.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.28	14.19	14.68	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.23	14.16	14.67	15.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.30	14.22	14.64	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.20	14.19	14.68	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.27	14.22	14.72	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.20	14.21	14.72	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.28	14.22	14.62	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.30	14.24	14.73	15.5	0.0

Part27O n78_Ant 101

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.38		15.5	0.0
100	PI/2 BPSK	1	137		14.22			
100	PI/2 BPSK	1	271		14.18			
100	PI/2 BPSK	135	0		14.08		15.5	0.0
100	PI/2 BPSK	135	69		14.22		15.5	0.0
100	PI/2 BPSK	135	138		14.18		15.5	0.0
100	PI/2 BPSK	270	0		14.19			
100	QPSK	1	1		14.03		15.5	0.0
100	QPSK	1	137		14.16			
100	QPSK	1	271		14.23			
100	QPSK	135	0		14.17		15.5	0.0
100	QPSK	135	69		14.17			
100	QPSK	135	138		14.23			
100	QPSK	270	0		14.22		15.5	0.0
100	16QAM	1	1		14.16		15.5	0.0
100	64QAM	1	1		14.18		15.5	0.0
100	256QAM	1	1		14.29		15.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.29	14.33	14.38	15.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.24	14.41	14.42	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.35	14.44	14.41	15.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.25	14.38	14.45	15.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.24	14.39	14.41	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.32	14.38	14.42	15.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	14.28	14.39	14.37	15.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.24	14.39	14.34	15.5	0.0

Par27Q n78_Ant 103

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.93		16.0	0.0
100	PI/2 BPSK	1	137		14.64			
100	PI/2 BPSK	1	271		14.51			
100	PI/2 BPSK	135	0		14.64		16.0	0.0
100	PI/2 BPSK	135	69		14.67		16.0	0.0
100	PI/2 BPSK	135	138		14.54		16.0	0.0
100	PI/2 BPSK	270	0		14.54			
100	QPSK	1	1		14.63		16.0	0.0
100	QPSK	1	137		14.57			
100	QPSK	1	271		14.55			
100	QPSK	135	0		14.64		16.0	0.0
100	QPSK	135	69		14.53			
100	QPSK	135	138		14.54			
100	QPSK	270	0		14.52		16.0	0.0
100	16QAM	1	1		14.80		16.0	0.0
100	64QAM	1	1		14.70		16.0	0.0
100	256QAM	1	1		14.61		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	14.58	14.75	14.82	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	14.57	14.73	14.88	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	14.60	14.73	14.80	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	14.55	14.73	14.85	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.61	14.78	14.90	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	14.59	14.72	14.83	16.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	14.54	14.74	14.82	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	14.58	14.77	14.83	16.0	0.0

Part27O n78_Ant 103

BW [MHz]	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.42		16.0	0.0
100	PI/2 BPSK	1	137		14.06			
100	PI/2 BPSK	1	271		14.06			
100	PI/2 BPSK	135	0		14.00		16.0	0.0
100	PI/2 BPSK	135	69		14.08		16.0	0.0
100	PI/2 BPSK	135	138		14.06		16.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.18		16.0	0.0
100	QPSK	1	137		14.14			
100	QPSK	1	271		14.10			
100	QPSK	135	0		14.06		16.0	0.0
100	QPSK	135	69		14.03			
100	QPSK	135	138		14.10			
100	QPSK	270	0		14.03		16.0	0.0
100	16QAM	1	1		14.31		16.0	0.0
100	64QAM	1	1		14.26		16.0	0.0
100	256QAM	1	1		14.16		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	14.33	14.02	14.33	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	14.34	14.05	14.33	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	14.27	14.01	14.31	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	14.37	14.03	14.27	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	14.37	14.05	14.27	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	14.26	14.06	14.36	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	PI/2 BPSK	1	1	14.36	14.06	14.31	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	14.27	14.01	14.29	16.0	0.0

Conducted Power for WLAN/Bluetooth

2.4GHz WLAN					Full Power						Receiver On(Head) Standalone&Simultaneous transmission						Receiver Off(Body worn) Standalone						Receiver Off(Hotspot) Simultaneous transmission						Duty Cycle %
					Ant 24(Ch0)		Ant23(Ch1)		Ant24+23(Ch0+1)		Ant 24(Ch0)		Ant23(Ch1)		Ant24+23(Ch0+1)		Ant 24(Ch0)		Ant23(Ch1)		Ant24+23(Ch0+1)		Ant 24(Ch0)		Ant23(Ch1)		Ant24+23(Ch0+1)		
	Mode	Channel	RU Config	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	Full	2412	17.50	19.50	18.20	19.50	20.87	22.50	10.10	12.00	10.60	12.00	13.37	15.00	17.50	19.50	18.20	19.50	20.87	22.50	11.10	13.00	11.50	13.00	14.31	16.00	100.00
		6	Full	2437	17.60	19.50	18.00	19.50	20.81	22.50	10.30	12.00	10.70	12.00	13.51	15.00	17.60	19.50	18.00	19.50	20.81	22.50	11.50	13.00	11.60	13.00	14.56	16.00	
		11	Full	2462	17.50	19.50	18.00	19.50	20.77	22.50	10.10	12.00	10.60	12.00	13.37	15.00	17.50	19.50	18.00	19.50	20.77	22.50	11.40	13.00	11.40	13.00	14.41	16.00	
	802.11g 6Mbps	1	Full	2412	17.70	19.50	18.10	19.50	20.91	22.50	Not Required	12.00	Not Required	12.00	Not Required	15.00	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required	13.00	Not Required	13.00	Not Required	16.00	100.00
		6	Full	2437	17.50	19.50	17.80	19.50	20.66	22.50		12.00		12.00		15.00		19.50		19.50		22.50		13.00		13.00		16.00	
		11	Full	2462	17.50	19.50	17.70	19.50	20.61	22.50		12.00		12.00		15.00		19.50		19.50		22.50		13.00		13.00		16.00	
	802.11n-HT20 MCS0	1	Full	2412	17.10	19.00	17.40	19.00	20.26	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	100.00
		6	Full	2437	17.00	19.00	17.20	19.00	20.11	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	
		11	Full	2462	17.00	19.00	17.20	19.00	20.11	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	
	802.11ax-HE20 MCS0	1	Full	2412	16.00	18.00	16.50	18.00	19.27	21.00		12.00		12.00		15.00		18.00		18.00		21.00		13.00		13.00		16.00	100.00
			26/0		12.00	14.00	12.70	14.00	15.37	17.00		12.00		12.00		15.00		14.00		14.00		17.00		13.00		13.00		16.00	
			52/37		17.00	19.00	17.90	19.00	20.48	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	
			106/53		17.10	19.00	18.00	19.00	20.58	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	
		6	Full	2437	16.10	18.00	16.30	18.00	19.21	21.00		12.00		12.00		15.00		18.00		18.00		21.00		13.00		13.00		16.00	
		11	Full	2462	16.00	18.00	16.10	18.00	19.06	21.00		12.00		12.00		15.00		18.00		18.00		21.00		13.00		13.00		16.00	
			26/8		12.20	14.00	12.40	14.00	15.31	17.00		12.00		12.00		15.00		14.00		14.00		17.00		13.00		13.00		16.00	
			52/40		17.00	19.00	17.60	19.00	20.32	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	
			106/54		17.00	19.00	17.70	19.00	20.37	22.00		12.00		12.00		15.00		19.00		19.00		22.00		13.00		13.00		16.00	

5.2GHz WLAN					Full Power						Receiver On(Head) Standalone&Simultaneous transmission						Receiver Off(Body worn) Standalone						Receiver Off(Hotspot) Simultaneous transmission						Duty Cycle %
					Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		
	Mode	Channel	RU Config	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	Full	5180	17.57	19.50	17.81	19.50	20.71	22.50	Not Required	10.00	Not Required	10.00	Not Required	13.00	17.57	19.50	17.81	19.50	20.71	22.50	Not Required	13.00	Not Required	13.00	Not Required	16.00	98.97
		40	Full	5200	17.51	19.50	17.62	19.50	20.58	22.50		10.00		10.00		13.00	17.51	19.50	17.62	19.50	20.58	22.50		13.00		13.00		16.00	
		44	Full	5220	17.52	19.50	17.77	19.50	20.66	22.50		10.00		10.00		13.00	17.52	19.50	17.77	19.50	20.66	22.50		13.00		13.00		16.00	
		48	Full	5240	17.76	19.50	17.58	19.50	20.69	22.50		10.00		10.00		13.00	17.76	19.50	17.58	19.50	20.69	22.50		13.00		13.00		16.00	
	802.11n-HT20 MCS0	36	Full	5180	17.62	19.50	17.73	19.50	20.69	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	100.00
		40	Full	5200	17.56	19.50	17.58	19.50	20.58	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
		44	Full	5220	17.61	19.50	17.55	19.50	20.59	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
		48	Full	5240	17.57	19.50	17.52	19.50	20.56	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
	802.11n-HT40 MCS0	38	Full	5190	16.56	18.50	16.65	18.50	19.62	21.50		10.00		10.00		13.00		18.50		18.50		21.50		13.00		13.00		16.00	100.00
		46	Full	5230	16.55	18.50	16.58	18.50	19.58	21.50		10.00		10.00		13.00		18.50		18.50		21.50		13.00		13.00		16.00	
	802.11ac-VHT20 MCS0	36	Full	5180	17.70	19.50	17.79	19.50	20.76	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	100.00
		40	Full	5200	17.62	19.50	17.65	19.50	20.65	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
		44	Full	5220	17.69	19.50	17.61	19.50	20.66	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
		48	Full	5240	17.65	19.50	17.58	19.50	20.63	22.50		10.00		10.00		13.00		19.50		19.50		22.50		13.00		13.00		16.00	
	802.11ac-VHT40 MCS0	38	Full	5190	16.62	18.50	16.71	18.50	19.68	21.50		10.00		10.00		13.00		18.50		18.50		21.50		13.00		13.00		16.00	100.00
		46	Full	5230	16.63	18.50	16.65	18.50	19.65	21.50		10.00		10.00		13.00		18.50		18.50		21.50		13.00		13.00		16.00	
	802.11ac-VHT80 MCS0	42	Full	5210	16.18	18.00	16.09	18.00	19.15	21.00	8.22	10.00	8.17	10.00	11.21	13.00		18.00		18.00		21.00	11.23	13.00	11.29	13.00	14.27	16.00	100.00
	802.11ax-HE20 MCS0	36	Full	5180	17.08	19.00	17.15	19.00	20.13	22.00		10.00		10.00		13.00		19.00		19.00		22.00		13.00		13.00		16.00	100.00
			26/0		9.95	11.50	10.07	11.50	13.02	14.50		10.00		10.00		13.00		11.50		11.50		14.50		11.50		11.50		14.50	
			52/37		13.20	15.00	13.23	15.00	16.23	18.00		10.00		10.00		13.00		15.00		15.00		18.00		13.00		13.00		16.00	
			106/53		15.94	17.50	15.95	17.50	18.96	20.50		10.00		10.00		13.00		17.50		17.50		20.50		13.00		13.00		16.00	
		40	Full	5200	17.06	19.00	17.10	19.00	20.09	22.00		10.00		10.00		13.00		19.00		19.00		22.00		13.00		13.00		16.00	
		44	Full	5220	17.02	19.00	17.12	19.00	20.08	22.00		10.00		10.00		13.00		19.00		19.00		22.00		13.00		13.00		16.00	
		48	Full	5240	17.11	19.00	17.03	19.00	20.08	22.00		10.00		10.00		13.00		19.00		19.00		22.00		13.00		13.00		16.00	
			26/8		10.35	11.50	9.86	11.50	13.12	14.50		10.00		10.00		13.00		11.50		11.50		14.50		11.50		11.50		14.50	
			52/40		13.09	14.50	12.83	14.50	15.97	17.50		10.00		10.00		13.00		14.50		14.50		17.50		13.00		13.00		16.00	
			106/54		16.25	17.50	15.93	17.50	19.10	20.50		10.00		10.00		13.00		17.50		17.50		20.50		13.00		13.00		16.00	
	802.11ax-HE40 MCS0	38	Full	5190	16.12	18.00	16.31	18.00	19.23	21.00		10.00		10.00		13.00		18.00		18.00		21.00		13.00		13.00		16.00	100.00
			242/61		16.42	18.00	16.34	18.00	19.39	21.00		10.00		10.00		13.00		18.00		18.00		21.00		13.00		13.00		16.00	
		46	Full	5230	16.25	18.00	16.16	18.00	19.22	21.00		10.00		10.00		13.00		18.00		18.00		21.00		13.00		13.00		16.00	
			242/62		16.64	18.00	16.35	18.00	19.51	21.00		10.00		10.00		13.00		18.00		18.00		21.00		13.00		13.00		16.00	
	802.11ax-HE80 MCS0	42	Full	5210	15.61	17.50	15.56	17.50	18.60	20.50		10.00		10.00		13.00		17.50		17.50		20.50		13.00		13.00		16.00	100.00
			484/65		16.12	17.50	15.97	17.50	19.06	20.50		10.00		10.00		13.00		17.50		17.50		20.50		13.00		13.00		16.00	
			484/66		16.32	17.50	15.85	17.50	19.10	20.50		10.00		10.00		13.00		17.50		17.50		20.50		13.00		13.00		16.00	

5.3GHz WLAN					Full Power						Receiver On(Head) Standalone&Simultaneous transmission						Receiver Off(Body worn) Standalone						Duty Cycle %
					Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		
	Mode	Channel	RU Config	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	Full	5260	17.79	19.50	17.54	19.50	20.68	22.50	Not Required	10.00	Not Required	10.00	Not Required	13.00	17.79	19.50	17.54	19.50	20.68	22.50	98.97
		56	Full	5280	17.58	19.50	17.52	19.50	20.56	22.50		10.00		10.00		13.00	17.58	19.50	17.52	19.50	20.56	22.50	
		60	Full	5300	17.59	19.50	17.56	19.50	20.59	22.50		10.00		10.00		13.00	17.59	19.50	17.56	19.50	20.59	22.50	
		64	Full	5320	17.60	19.50	17.52	19.50	20.58	22.50		10.00		10.00		13.00	17.60	19.50	17.52	19.50	20.58	22.50	
	802.11n-HT20 MCS0	52	Full	5260	17.62	19.50	17.50	19.50	20.57	22.50		10.00		10.00		13.00		19.50		19.50		22.50	100.00
		56	Full	5280	17.57	19.50	17.55	19.50	20.57	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		60	Full	5300	17.58	19.50	17.53	19.50	20.57	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		64	Full	5320	17.63	19.50	17.55	19.50	20.60	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
	802.11n-HT40 MCS0	54	Full	5270	15.15	17.00	15.02	17.00	18.10	20.00		10.00		10.00		13.00		17.00		17.00		20.00	100.00
		62	Full	5310	15.19	17.00	15.08	17.00	18.15	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
	802.11ac-VHT20 MCS0	52	Full	5260	17.70	19.50	17.56	19.50	20.64	22.50		10.00		10.00		13.00		19.50		19.50		22.50	100.00
		56	Full	5280	17.62	19.50	17.58	19.50	20.61	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		60	Full	5300	17.66	19.50	17.59	19.50	20.64	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		64	Full	5320	17.71	19.50	17.61	19.50	20.67	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
	802.11ac-VHT40 MCS0	54	Full	5270	16.14	18.00	16.03	18.00	19.10	21.00		10.00		10.00		13.00		18.00		18.00		21.00	100.00
		62	Full	5310	16.13	18.00	16.09	18.00	19.12	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	58	Full	5290	15.15	17.00	15.06	17.00	18.12	20.00		10.00		10.00		13.00		17.00		17.00		20.00	100.00
	802.11ac-VHT160 MCS0	50	Full	5250	15.57	17.00	15.53	17.00	18.56	20.00	8.63	10.00	8.56	10.00	11.61	13.00		17.00		17.00		20.00	100.00
	802.11ax-HE20 MCS0	52	Full	5260	17.15	19.00	17.07	19.00	20.12	22.00		10.00		10.00		13.00		19.00		19.00		22.00	100.00
			26/0		10.25	11.50	9.83	11.50	13.06	14.50		10.00		10.00		13.00		11.50		11.50		14.50	
			52/37		12.86	14.50	12.76	14.50	15.82	17.50		10.00		10.00		13.00		14.50		14.50		17.50	
			106/53		16.13	17.50	15.84	17.50	19.00	20.50		10.00		10.00		13.00		17.50		17.50		20.50	
		56	Full	5280	17.08	19.00	17.13	19.00	20.12	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		60	Full	5300	17.16	19.00	17.09	19.00	20.14	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		64	Full	5320	17.09	19.00	17.06	19.00	20.09	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
			26/8		10.02	11.50	9.73	11.50	12.89	14.50		10.00		10.00		13.00		11.50		11.50		14.50	
			52/40		12.73	14.50	12.65	14.50	15.70	17.50		10.00		10.00		13.00		14.50		14.50		17.50	
			106/54		15.95	17.50	15.75	17.50	18.86	20.50		10.00		10.00		13.00		17.50		17.50		20.50	
	802.11ax-HE40 MCS0	54	Full	5270	16.37	18.00	16.04	18.00	19.22	21.00		10.00		10.00		13.00		18.00		18.00		21.00	100.00
			242/61		16.47	18.00	16.18	18.00	19.34	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		62	Full	5310	16.21	18.00	16.06	18.00	19.15	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			242/62		16.33	18.00	16.09	18.00	19.22	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
	802.11ax-HE80 MCS0	58	Full	5290	15.12	17.00	15.08	17.00	18.11	20.00		10.00		10.00		13.00		17.00		17.00		20.00	100.00
			484/65		15.42	17.00	14.94	17.00	18.20	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
			484/66		15.45	17.00	14.88	17.00	18.18	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
	802.11ax-HE160 MCS0	50	Full	5250	15.19	17.00	15.06	17.00	18.14	20.00		10.00		10.00		13.00		17.00		17.00		20.00	100.00
			996/67		15.31	17.00	15.11	17.00	18.22	20.00		10.00		10.00		13.00		17.00		17.00		20.00	

5.5GHz WLAN					Full Power						Receiver On(Head) Standalone&Simultaneous transmission						Receiver Off(Body worn) Standalone						Duty Cycle %
					Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		
	Mode	Channel	RU Config	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	Full	5500	17.58	19.50	17.51	19.50	20.56	22.50	Not Required	10.00	Not Required	10.00	Not Required	13.00	17.58	19.50	17.51	19.50	20.56	22.50	98.97
		116	Full	5580	17.55	19.50	17.64	19.50	20.61	22.50		10.00		10.00		13.00	17.55	19.50	17.64	19.50	20.61	22.50	
		124	Full	5620	17.56	19.50	17.53	19.50	20.56	22.50		10.00		10.00		13.00	17.56	19.50	17.53	19.50	20.56	22.50	
		132	Full	5660	17.59	19.50	17.55	19.50	20.58	22.50		10.00		10.00		13.00	17.59	19.50	17.55	19.50	20.58	22.50	
		140	Full	5700	17.51	19.50	17.58	19.50	20.56	22.50		10.00		10.00		13.00	17.51	19.50	17.58	19.50	20.56	22.50	
		144	Full	5720	17.52	19.50	17.55	19.50	20.55	22.50		10.00		10.00		13.00	17.52	19.50	17.55	19.50	20.55	22.50	
	802.11n-HT20 MCS0	100	Full	5500	17.56	19.50	17.52	19.50	20.55	22.50		10.00		10.00		13.00		19.50		19.50		22.50	100.00
		116	Full	5580	17.62	19.50	17.57	19.50	20.61	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		124	Full	5620	17.55	19.50	17.61	19.50	20.59	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		132	Full	5660	17.58	19.50	17.53	19.50	20.57	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		140	Full	5700	17.58	19.50	17.55	19.50	20.58	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		144	Full	5720	17.53	19.50	17.57	19.50	20.56	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
	802.11n-HT40 MCS0	102	Full	5510	17.09	19.00	17.06	19.00	20.09	22.00		10.00		10.00		13.00		19.00		19.00		22.00	100.00
		110	Full	5550	17.13	19.00	17.07	19.00	20.11	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		126	Full	5630	17.11	19.00	17.09	19.00	20.11	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		134	Full	5670	17.04	19.00	17.28	19.00	20.17	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		142	Full	5710	17.03	19.00	17.15	19.00	20.10	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
	802.11ac-VHT20 MCS0	100	Full	5500	17.64	19.50	17.58	19.50	20.62	22.50		10.00		10.00		13.00		19.50		19.50		22.50	100.00
		116	Full	5580	17.70	19.50	17.63	19.50	20.68	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		124	Full	5620	17.60	19.50	17.65	19.50	20.64	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		132	Full	5660	17.63	19.50	17.57	19.50	20.61	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		140	Full	5700	17.66	19.50	17.61	19.50	20.65	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
		144	Full	5720	17.61	19.50	17.63	19.50	20.63	22.50		10.00		10.00		13.00		19.50		19.50		22.50	
	802.11ac-VHT40 MCS0	102	Full	5510	17.15	19.00	17.11	19.00	20.14	22.00		10.00		10.00		13.00		19.00		19.00		22.00	100.00
		110	Full	5550	17.21	19.00	17.13	19.00	20.18	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		126	Full	5630	17.16	19.00	17.13	19.00	20.16	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		134	Full	5670	17.09	19.00	17.35	19.00	20.23	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
		142	Full	5710	17.08	19.00	17.19	19.00	20.15	22.00		10.00		10.00		13.00		19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	106	Full	5530	16.05	18.00	16.14	18.00	19.11	21.00		10.00		10.00		13.00		18.00		18.00		21.00	100.00
		122	Full	5610	16.11	18.00	16.06	18.00	19.10	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		138	Full	5690	16.06	18.00	16.17	18.00	19.13	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
	802.11ac-VHT160 MCS0	114	Full	5570	16.08	18.00	16.13	18.00	19.12	21.00	8.14	10.00	8.11	10.00	11.14	13.00		18.00		18.00		21.00	100.00
	802.11ax-HE20 MCS0	100	Full	5500	16.18	18.00	16.02	18.00	19.11	21.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	18.00	Not Required	18.00	Not Required	21.00	100.00
			26/0		9.36	11.00	9.07	11.00	12.23	14.00		10.00		10.00		13.00		11.00		11.00		14.00	
			52/37		12.23	14.00	11.93	14.00	15.09	17.00		10.00		10.00		13.00		14.00		14.00		17.00	
			106/53		15.25	17.00	14.96	17.00	18.12	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
		116	Full	5580	16.11	18.00	16.05	18.00	19.09	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		124	Full	5620	16.05	18.00	16.08	18.00	19.08	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		132	Full	5660	16.05	18.00	16.07	18.00	19.07	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		140	Full	5700	16.14	18.00	16.06	18.00	19.11	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			26/8		8.68	10.50	8.46	10.50	11.58	13.50		10.00		10.00		13.00		10.50		10.50		13.50	
			52/40		11.35	13.50	11.47	13.50	14.42	16.50		10.00		10.00		13.00		13.50		13.50		16.50	
			106/54		15.17	17.00	14.86	17.00	18.03	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
		144	Full	5720	16.02	18.00	16.09	18.00	19.07	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			26/8		9.01	10.50	9.15	10.50	12.09	13.50		10.00		10.00		13.00		10.50		10.50		13.50	
			52/40		12.11	13.50	11.92	13.50	15.03	16.50		10.00		10.00		13.00		13.50		13.50		16.50	
			106/54		15.06	17.00	14.89	17.00	17.99	20.00		10.00		10.00		13.00		17.00		17.00		20.00	
	802.11ax-HE40 MCS0	102	Full	5510	16.19	18.00	16.03	18.00	19.12	21.00		10.00		10.00		13.00		18.00		18.00		21.00	100.00
			242/61		16.18	18.00	15.89	18.00	19.05	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		110	Full	5550	16.17	18.00	16.05	18.00	19.12	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		126	Full	5630	16.15	18.00	16.08	18.00	19.13	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		134	Full	5670	16.08	18.00	16.34	18.00	19.22	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			242/62		16.18	18.00	16.21	18.00	19.21	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		142	Full	5710	16.08	18.00	16.01	18.00	19.06	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			242/62		15.98	18.00	15.76	18.00	18.88	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
	802.11ax-HE80 MCS0	106	Full	5530	16.18	18.00	16.03	18.00	19.12	21.00		10.00		10.00		13.00		18.00		18.00		21.00	100.00
			484/65		15.96	18.00	15.68	18.00	18.83	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		122	Full	5610	16.16	18.00	16.05	18.00	19.12	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			484/66		16.53	18.00	16.08	18.00	19.32	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
		138	Full	5690	16.12	18.00	16.01	18.00	19.08	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
			484/66		16.15	18.00	15.71	18.00	18.95	21.00		10.00		10.00		13.00		18.00		18.00		21.00	
	802.11ax-HE160 MCS0	114	Full	5570	15.55	17.50	15.62	17.50	18.60	20.50		10.00		10.00		13.00		17.50		17.50		20.50	100.00
			996/67		15.00	17.00	14.76	17.00	18.04	20.00		10.00		10.00		13.00		17.00		17.00		20.00	

5.8GHz WLAN					Full Power						Receiver On(Head) Standalone&Simultaneous transmission						Receiver Off(Body worn) Standalone						Receiver Off(Hotspot) Simultaneous transmission						Duty Cycle %
					Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		Ant23(Ch0)		Ant 24(Ch1)		Ant23+24(Ch0+1)		
	Mode	Channel	RU Config	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	Full	5745	12.27	14.00	12.17	14.00	15.24	17.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	13.00	Not Required	13.00	Not Required	16.00	98.97
		157	Full	5785	12.22	14.00	12.06	14.00	15.16	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		165	Full	5825	12.23	14.00	12.12	14.00	15.19	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11n-HT20 MCS0	149	Full	5745	12.12	14.00	12.18	14.00	15.16	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
		157	Full	5785	12.15	14.00	12.09	14.00	15.13	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		165	Full	5825	12.17	14.00	12.07	14.00	15.13	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11n-HT40 MCS0	151	Full	5755	12.31	14.00	12.18	14.00	15.26	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
		159	Full	5795	12.17	14.00	12.14	14.00	15.17	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11ac-VHT20 MCS0	149	Full	5745	12.19	14.00	12.23	14.00	15.22	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
		157	Full	5785	12.25	14.00	12.15	14.00	15.21	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		165	Full	5825	12.21	14.00	12.14	14.00	15.19	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11ac-VHT40 MCS0	151	Full	5755	12.39	14.00	12.26	14.00	15.34	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
		159	Full	5795	12.23	14.00	12.19	14.00	15.22	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11ac-VHT80 MCS0	155	Full	5775	12.12	14.00	12.09	14.00	15.12	17.00	8.24	10.00	8.18	10.00	11.14	13.00	12.12	14.00	12.09	14.00	15.12	17.00	11.02	13.00	11.08	13.00	14.06	16.00	100.00
	802.11ax-HE20 MCS0	149	Full	5745	12.26	14.00	12.18	14.00	15.23	17.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	Not Required	13.00	Not Required	13.00	Not Required	16.00	100.00
			26/0		12.11	14.00	12.38	14.00	15.26	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			52/37		12.04	14.00	12.24	14.00	15.15	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			106/53		12.09	14.00	12.26	14.00	15.19	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		157	Full	5785	12.21	14.00	12.08	14.00	15.16	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		165	Full	5825	12.23	14.00	12.12	14.00	15.19	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			26/8		12.11	14.00	12.02	14.00	15.08	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			52/40		12.03	14.00	12.07	14.00	15.06	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			106/54		12.06	14.00	12.13	14.00	15.11	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11ax-HE40 MCS0	151	Full	5755	12.22	14.00	12.13	14.00	15.19	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
			242/61		12.02	14.00	12.06	14.00	15.05	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
		159	Full	5795	12.12	14.00	12.16	14.00	15.15	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			242/62		12.00	14.00	12.08	14.00	15.05	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
	802.11ax-HE80 MCS0	155	Full	5775	12.28	14.00	12.13	14.00	15.22	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	100.00
			484/65		12.04	14.00	12.11	14.00	15.09	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	
			484/66		12.10	14.00	12.05	14.00	15.09	17.00		10.00		10.00		13.00		14.00		14.00		17.00		13.00		13.00		16.00	

BT 2.0 Ant24(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	9.60	9.60	9.70	6.80	6.80	6.90	6.80	6.80	6.90	**11.50**
	CH 39	2441	10.60	10.60	10.70	8.00	8.00	8.10	8.00	8.00	8.10	**12.00**
	CH 78	2480	9.50	9.50	9.60	6.50	6.50	6.60	6.50	6.50	6.60	**11.50**

BT 2.0 Ant23(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.80	11.80	11.90	9.10	9.10	9.20	9.10	9.10	9.20	**13.00**
	CH 39	2441	13.30	13.30	13.40	10.60	10.60	10.70	10.60	10.60	10.70	**14.50**
	CH 78	2480	10.40	10.40	10.50	7.80	7.80	7.90	7.80	7.80	7.90	**12.00**

BT 4.0 Ant24(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	7.50
	CH 19	2440	8.60
	CH 39	2480	7.10
Tune-up Limit			**10**

BT 4.0 Ant23(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	7.70
	CH 19	2440	9.20
	CH 39	2480	6.30
Tune-up Limit			**10**

BT 5.0 Ant24(Ch0)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.50	7.60
	CH 19	2440	8.60	8.70
	CH 39	2480	7.10	7.20
Tune-up Limit			**10**	**10**

BT 5.0 Ant23(Ch1)

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.70	7.80
	CH 19	2440	9.20	9.30
	CH 39	2480	6.30	6.40
Tune-up Limit			**10**	**10**