Full&Default Power Mode

GSM850_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	190	251		128	190	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.01	32.80	33.05	**34.00**	24.01	23.80	24.05	**25.00**
GPRS 1 Tx slot		32.92	32.81	32.96	**34.00**	23.92	23.81	23.96	**25.00**
GPRS 2 Tx slots		29.79	29.81	29.89	**31.00**	23.79	23.81	23.89	**25.00**
GPRS 3 Tx slots		27.96	28.01	28.03	**29.20**	23.70	23.75	23.77	**24.94**
GPRS 4 Tx slots		26.71	26.82	26.79	**28.50**	23.71	23.82	23.79	**25.50**
EDGE(GMSK 1 Tx slot)		32.91	32.77	32.85	**34.00**	23.91	23.77	23.85	**25.00**
EDGE(GMSK 2 Tx slot)		29.78	29.83	29.82	**31.00**	23.78	23.83	23.82	**25.00**
EDGE(GMSK 3 Tx slot)		27.95	27.98	27.98	**29.20**	23.69	23.72	23.72	**24.94**
EDGE(GMSK 4 Tx slot)		26.72	26.77	26.78	**28.50**	23.72	23.77	23.78	**25.50**
EDGE(8PSK1 Tx slot)		26.77	27.01	27.17	**28.00**	17.77	18.01	18.17	**19.00**
EDGE(8PSK2 Tx slot)		23.68	23.97	23.71	**25.00**	17.68	17.97	17.71	**19.00**
EDGE(8PSK 3 Tx slot)		21.82	22.16	22.47	**23.20**	17.56	17.90	18.21	**18.94**
EDGE(8PSK 4 Tx slot)		20.88	21.24	21.51	**22.50**	17.88	18.24	18.51	**19.50**
DTM Multi-slot class 5	GSM 1 Tx slot	29.77	29.68	29.77	**31.00**	23.71	23.66	23.73	**24.98**
	GPRS 1 Tx slot	29.69	29.69	29.74	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.70	29.68	29.88	**31.00**	23.67	23.70	23.82	**24.98**
	GPRS 1 Tx slot	29.69	29.77	29.81	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.88	27.92	27.93	**29.20**	23.64	23.71	23.70	**24.94**
	GPRS 2 Tx slots	27.91	27.99	27.97	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.64	29.74	29.83	**31.00**	21.58	21.71	21.74	**22.94**
	EDGE 1 Tx slot	23.64	23.90	23.66	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.68	29.71	29.85	**31.00**	21.60	21.70	21.74	**22.94**
	EDGE 1 Tx slot	23.58	23.92	23.60	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.91	27.90	27.93	**29.20**	20.59	20.68	20.84	**21.94**
	EDGE 2 Tx slots	21.75	22.04	22.42	**23.20**				

GSM1900_Ant 4		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		29.80	29.18	29.82	**30.70**	20.80	20.18	20.82	**21.70**
GPRS 1 Tx slot		29.74	29.25	29.68	**30.70**	20.74	20.25	20.68	**21.70**
GPRS 2 Tx slots		27.00	26.94	26.95	**28.00**	21.00	20.94	20.95	**22.00**
GPRS 3 Tx slots		25.08	25.00	25.25	**26.20**	20.82	20.74	20.99	**21.94**
GPRS 4 Tx slots		23.93	23.87	24.35	**25.80**	20.93	20.87	21.35	**22.50**
EDGE(GMSK 1 Tx slot)		29.67	29.01	29.64	**30.70**	20.67	20.01	20.64	**21.70**
EDGE(GMSK 2 Tx slot)		26.93	26.76	26.84	**28.00**	20.93	20.76	20.84	**22.00**
EDGE(GMSK 3 Tx slot)		25.05	24.85	25.20	**26.20**	20.79	20.59	20.94	**21.94**
EDGE(GMSK 4 Tx slot)		23.90	23.73	24.27	**25.50**	20.90	20.73	21.27	**22.80**
EDGE(8PSK1 Tx slot)		25.63	25.68	25.75	**26.50**	16.63	16.68	16.75	**17.50**
EDGE(8PSK 2 Tx slot)		23.01	22.95	23.11	**24.00**	17.01	16.95	17.11	**18.00**
EDGE(8PSK 3 Tx slot)		21.83	21.94	21.79	**22.80**	17.57	17.68	17.53	**18.54**
EDGE(8PSK 4 Tx slot)		20.88	20.92	20.86	**22.00**	17.88	17.92	17.86	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	26.91	26.86	26.91	**28.00**	20.89	20.87	20.86	**21.98**
	GPRS 1 Tx slot	26.88	26.93	26.86	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.92	26.89	26.91	**28.00**	20.89	20.86	20.86	**21.98**
	GPRS 1 Tx slot	26.90	26.88	26.86	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.97	24.85	25.18	**26.20**	20.70	20.63	20.92	**21.94**
	GPRS 2 Tx slots	24.95	24.91	25.18	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.86	26.93	26.84	**28.00**	19.31	19.33	19.30	**20.42**
	EDGE 1 Tx slot	22.95	22.86	22.96	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.93	26.94	26.86	**28.00**	19.37	19.28	19.35	**20.42**
	EDGE 1 Tx slot	23.00	22.89	23.09	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.99	24.71	25.14	**26.20**	18.84	18.79	18.92	**19.99**
	EDGE 2 Tx slots	21.72	21.89	21.72	**22.80**				

GSM1900_Ant 6		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		28.11	27.37	28.08	**29.20**	19.11	18.37	19.08	**20.20**
GPRS 1 Tx slot		28.02	27.46	27.98	**29.20**	19.02	18.46	18.98	**20.20**
GPRS 2 Tx slots		25.20	25.12	25.21	**26.50**	19.20	19.12	19.21	**20.50**
GPRS 3 Tx slots		23.23	23.14	23.51	**24.70**	18.97	18.88	19.25	**20.44**
GPRS 4 Tx slots		22.12	22.08	22.67	**24.00**	19.12	19.08	19.67	**21.00**
EDGE(GMSK 1 Tx slot)		28.05	27.32	28.08	**29.20**	19.05	18.32	19.08	**20.20**
EDGE(GMSK 2 Tx slot)		25.17	24.98	25.29	**26.50**	19.17	18.98	19.29	**20.50**
EDGE(GMSK 3 Tx slot)		23.25	23.06	23.59	**24.70**	18.99	18.80	19.33	**20.44**
EDGE(GMSK 4 Tx slot)		22.13	22.03	22.89	**24.00**	19.13	19.03	19.69	**21.00**
EDGE(8PSK1 Tx slot)		23.94	24.05	24.06	**25.00**	14.94	15.05	15.06	**16.00**
EDGE(8PSK 2 Tx slot)		21.20	21.24	21.37	**22.50**	15.20	15.24	15.37	**16.50**
EDGE(8PSK 3 Tx slot)		20.11	20.21	20.10	**21.30**	15.85	15.95	15.84	**17.04**
EDGE(8PSK 4 Tx slot)		19.18	19.25	19.14	**20.50**	16.18	16.25	16.14	**17.50**
DTM Multi-slot class 5	GSM 1 Tx slot	25.17	24.98	25.29	**26.50**	19.15	18.96	19.27	**20.48**
	GPRS 1 Tx slot	25.17	24.98	25.29	**26.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.17	24.98	25.29	**26.50**	19.15	18.96	19.27	**20.48**
	GPRS 1 Tx slot	25.17	24.98	25.29	**26.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.23	23.14	23.51	**24.70**	18.97	18.88	19.25	**20.44**
	GPRS 2 Tx slots	23.23	23.14	23.51	**24.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	25.20	25.12	25.21	**26.50**	17.62	17.58	17.68	**18.92**
	EDGE 1 Tx slot	21.20	21.24	21.37	**22.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.20	25.12	25.21	**26.50**	17.62	17.58	17.68	**18.92**
	EDGE 1 Tx slot	21.20	21.24	21.37	**22.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.23	23.14	23.51	**24.70**	17.15	17.16	17.29	**18.49**
	EDGE 2 Tx slots	20.11	20.21	20.10	**21.30**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 6			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	23.43	23.42	23.24	**24.30**	21.89	21.91	21.71	**22.80**
3GPP Rel 99	RMC 12.2Kbps	23.47	23.50	23.34	**24.30**	21.90	21.92	21.75	**22.80**
3GPP Rel 6	HSDPA Subtest-1	22.46	22.58	22.40	**23.30**	20.92	20.93	20.78	**21.80**
3GPP Rel 6	HSDPA Subtest-2	22.52	22.57	22.40	**23.30**	20.92	20.96	20.77	**21.80**
3GPP Rel 6	HSDPA Subtest-3	22.02	22.07	21.94	**22.80**	20.40	20.45	20.27	**21.30**
3GPP Rel 6	HSDPA Subtest-4	22.02	22.08	21.94	**22.80**	20.46	20.47	20.27	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.49	22.34	**23.30**	20.75	20.82	20.81	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-2	22.39	22.50	22.41	**23.30**	20.76	20.83	20.75	**21.80**
3GPP Rel 8	DC-HSDPA Subtest-3	21.99	22.00	21.94	**22.80**	20.23	20.30	20.25	**21.30**
3GPP Rel 8	DC-HSDPA Subtest-4	21.98	22.02	21.93	**22.80**	20.20	20.29	20.19	**21.30**
3GPP Rel 6	HSUPA Subtest-1	22.52	22.57	22.41	**23.30**	20.88	20.99	20.76	**21.80**
3GPP Rel 6	HSUPA Subtest-2	20.49	20.58	20.45	**21.30**	18.92	18.99	18.82	**19.80**
3GPP Rel 6	HSUPA Subtest-3	21.51	21.53	21.44	**22.30**	19.89	19.93	19.75	**20.80**
3GPP Rel 6	HSUPA Subtest-4	20.46	20.61	20.45	**21.30**	18.93	18.99	18.82	**19.80**
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.40	**23.30**	20.90	21.00	20.80	**21.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.44	20.46	20.31	**20.80**	18.91	18.88	18.79	**19.30**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 6			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	24.48	24.35	24.46	**25.00**	22.95	22.84	22.94	**23.50**
3GPP Rel 99	RMC 12.2Kbps	24.30	24.56	24.55	**25.00**	22.91	22.96	22.95	**23.50**
3GPP Rel 6	HSDPA Subtest-1	23.63	23.44	23.55	**24.00**	21.96	21.81	21.96	**22.50**
3GPP Rel 6	HSDPA Subtest-2	23.64	23.43	23.60	**24.00**	21.93	21.82	21.93	**22.50**
3GPP Rel 6	HSDPA Subtest-3	23.14	22.95	23.08	**23.50**	21.03	21.36	21.43	**22.00**
3GPP Rel 6	HSDPA Subtest-4	23.12	22.99	23.06	**23.50**	21.07	21.32	21.44	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	23.02	22.98	**24.00**	21.34	21.44	21.31	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.92	23.03	22.95	**24.00**	21.36	21.41	21.36	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.51	22.55	22.44	**23.50**	20.87	20.92	20.78	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.52	22.56	22.50	**23.50**	20.88	20.91	20.82	**22.00**
3GPP Rel 6	HSUPA Subtest-1	23.47	23.60	23.45	**24.00**	21.93	21.87	21.97	**22.50**
3GPP Rel 6	HSUPA Subtest-2	21.36	21.46	21.39	**22.00**	19.84	19.83	19.96	**20.50**
3GPP Rel 6	HSUPA Subtest-3	22.37	22.45	22.38	**23.00**	21.00	20.81	21.01	**21.50**
3GPP Rel 6	HSUPA Subtest-4	21.38	21.51	21.40	**22.00**	19.88	19.86	19.92	**20.50**
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.40	**24.00**	22.00	21.80	22.10	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.25	21.33	21.30	**21.50**	19.71	19.75	19.91	**20.00**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			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	24.27	24.22	24.25	**25.00**	23.46	23.43	23.43	**24.10**
3GPP Rel 99	RMC 12.2Kbps	24.35	24.39	24.22	**25.00**	23.45	23.52	23.44	**24.10**
3GPP Rel 6	HSDPA Subtest-1	23.36	23.27	23.29	**24.00**	22.47	22.42	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-2	23.36	23.23	23.27	**24.00**	22.52	22.45	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-3	22.88	22.76	22.79	**23.50**	22.05	21.94	21.96	**22.60**
3GPP Rel 6	HSDPA Subtest-4	22.90	22.80	22.78	**23.50**	22.06	21.95	21.93	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.19	23.09	**24.00**	22.00	22.03	21.95	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.23	23.07	**24.00**	21.95	22.08	21.93	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.73	22.69	**23.50**	21.50	21.51	21.41	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.71	22.60	**23.50**	21.53	21.55	21.43	**22.60**
3GPP Rel 6	HSUPA Subtest-1	23.33	23.27	23.30	**24.00**	22.50	22.41	22.45	**23.10**
3GPP Rel 6	HSUPA Subtest-2	21.32	21.26	21.29	**22.00**	20.46	20.40	20.46	**21.10**
3GPP Rel 6	HSUPA Subtest-3	22.27	22.26	21.28	**23.00**	21.45	21.44	21.43	**22.10**
3GPP Rel 6	HSUPA Subtest-4	21.29	21.26	21.29	**22.00**	20.45	20.44	20.43	**21.10**
3GPP Rel 6	HSUPA Subtest-5	23.30	23.30	23.30	**24.00**	22.40	22.40	22.50	**23.10**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.24	21.21	21.19	**21.50**	20.39	20.36	20.34	**20.60**

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.78	23.82	23.73		
20	QPSK	1	49	23.61	23.70	23.63	24.3	0
20	QPSK	1	99	23.46	23.55	23.41		
20	QPSK	50	0	22.78	22.79	22.78		
20	QPSK	50	24	22.63	22.78	22.72	23.3	1
20	QPSK	50	50	22.69	22.71	22.57		
20	QPSK	100	0	22.62	22.74	22.69		
20	16QAM	1	0	23.04	23.05	23.04		
20	16QAM	1	49	23.06	23.11	23.03	23.3	1
20	16QAM	1	99	22.61	22.76	22.72		
20	16QAM	50	0	21.62	21.76	21.70		
20	16QAM	50	24	21.79	21.81	21.76	22.3	2
20	16QAM	50	50	21.67	21.73	21.71		
20	16QAM	100	0	21.73	21.74	21.68		
20	64QAM	1	0	21.78	21.88	21.85		
20	64QAM	1	49	21.84	21.94	21.80	22.3	2
20	64QAM	1	99	21.73	21.80	21.69		
20	64QAM	50	0	20.61	20.74	20.68		
20	64QAM	50	24	20.71	20.78	20.63	21.3	3
20	64QAM	50	50	20.59	20.68	20.60		
20	64QAM	100	0	20.59	20.74	20.69		
20	256QAM	1	0	18.41	18.51	18.48		
20	256QAM	1	49	18.43	18.46	18.54	19.3	5
20	256QAM	1	99	18.53	18.53	18.42		
20	256QAM	50	0	18.41	18.45	18.53		
20	256QAM	50	24	18.48	18.46	18.46	19.3	5
20	256QAM	50	50	18.48	18.41	18.48		
20	256QAM	100	0	18.53	18.44	18.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.64	23.73	23.70		
15	QPSK	1	37	23.58	23.61	23.55	24.3	0
15	QPSK	1	74	23.39	23.50	23.32		
15	QPSK	36	0	22.67	22.73	22.68		
15	QPSK	36	20	22.67	22.74	22.63	23.3	1
15	QPSK	36	39	22.61	22.62	22.56		
15	QPSK	75	0	22.53	22.65	22.63		
15	16QAM	1	0	22.90	22.91	22.95		
15	16QAM	1	37	23.01	23.03	22.95	23.3	1
15	16QAM	1	74	22.46	22.65	22.62		
15	16QAM	36	0	21.53	21.66	21.60		
15	16QAM	36	20	21.70	21.70	21.62	22.3	2
15	16QAM	36	39	21.66	21.66	21.68		
15	16QAM	75	0	21.71	21.64	21.64		
15	64QAM	1	0	21.69	21.83	21.80		
15	64QAM	1	37	21.83	21.87	21.87	22.3	2
15	64QAM	1	74	21.58	21.70	21.56		
15	64QAM	36	0	20.56	20.60	20.67		
15	64QAM	36	20	20.65	20.75	20.60	21.3	3
15	64QAM	36	39	20.59	20.55	20.55		
15	64QAM	75	0	20.56	20.60	20.54		
15	256QAM	1	0	18.33	18.36	18.39		
15	256QAM	1	37	18.36	18.38	18.53	19.3	5
15	256QAM	1	74	18.49	18.42	18.39		
15	256QAM	36	0	18.28	18.32	18.52		
15	256QAM	36	20	18.49	18.42	18.43	19.3	5
15	256QAM	36	39	18.34	18.27	18.33		
15	256QAM	75	0	18.39	18.43	18.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.77	23.74	23.72		
10	QPSK	1	25	23.49	23.62	23.50	24.3	0
10	QPSK	1	49	23.41	23.46	23.33		
10	QPSK	25	0	22.66	22.67	22.64		
10	QPSK	25	12	22.64	22.77	22.60	23.3	1
10	QPSK	25	25	22.60	22.64	22.55		
10	QPSK	50	0	22.50	22.61	22.62		
10	16QAM	1	0	22.89	22.95	22.93		
10	16QAM	1	25	22.91	22.97	22.93	23.3	1
10	16QAM	1	49	22.47	22.75	22.71		
10	16QAM	25	0	21.58	21.66	21.63		
10	16QAM	25	12	21.75	21.79	21.72	22.3	2
10	16QAM	25	25	21.62	21.71	21.65		
10	16QAM	50	0	21.62	21.73	21.65		
10	64QAM	1	0	21.76	21.84	21.72		
10	64QAM	1	25	21.73	21.93	21.65	22.3	2
10	64QAM	1	49	21.69	21.75	21.54		
10	64QAM	25	0	20.60	20.71	20.63		
10	64QAM	25	12	20.69	20.77	20.62	21.3	3
10	64QAM	25	25	20.50	20.58	20.56		
10	64QAM	50	0	20.45	20.71	20.60		
10	256QAM	1	0	18.36	18.43	18.36		
10	256QAM	1	25	18.31	18.36	18.39	19.3	5
10	256QAM	1	49	18.46	18.49	18.28		
10	256QAM	25	0	18.36	18.43	18.49		
10	256QAM	25	12	18.47	18.43	18.35	19.3	5
10	256QAM	25	25	18.46	18.38	18.33		
10	256QAM	50	0	18.41	18.38	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.73	23.75	23.71		
5	QPSK	1	12	23.50	23.63	23.51	24.3	0
5	QPSK	1	24	23.34	23.46	23.35		
5	QPSK	12	0	22.67	22.69	22.72		
5	QPSK	12	7	22.57	22.63	22.62	23.3	1
5	QPSK	12	13	22.56	22.66	22.50		
5	QPSK	25	0	22.53	22.62	22.63		
5	16QAM	1	0	22.94	22.92	22.92		
5	16QAM	1	12	22.99	23.06	22.96	23.3	1
5	16QAM	1	24	22.75	22.64	22.71		
5	16QAM	12	0	21.48	21.71	21.59		
5	16QAM	12	7	21.64	21.67	21.62	22.3	2
5	16QAM	12	13	21.56	21.67	21.58		
5	16QAM	25	0	21.59	21.63	21.66		
5	64QAM	1	0	21.74	21.78	21.77		
5	64QAM	1	12	21.82	21.86	21.66	22.3	2
5	64QAM	1	24	21.77	21.80	21.68		
5	64QAM	12	0	20.53	20.70	20.55		
5	64QAM	12	7	20.57	20.76	20.53	21.3	3
5	64QAM	12	13	20.56	20.61	20.51		
5	64QAM	25	0	20.51	20.71	20.61		
5	256QAM	1	0	18.35	18.39	18.35		
5	256QAM	1	12	18.34	18.45	18.41	19.3	5
5	256QAM	1	24	18.46	18.52	18.38		
5	256QAM	12	0	18.39	18.49	18.32		
5	256QAM	12	7	18.39	18.45	18.31	19.3	5
5	256QAM	12	13	18.35	18.36	18.37		
5	256QAM	25	0	18.33	18.33	18.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.66	23.71	23.67		
3	QPSK	1	8	23.52	23.59	23.49	24.3	0
3	QPSK	1	14	23.38	23.46	23.37		
3	QPSK	8	0	22.72	22.68	22.66		
3	QPSK	8	4	22.56	22.76	22.61	23.3	1
3	QPSK	8	7	22.63	22.57	22.46		
3	QPSK	15	0	22.67	22.70	22.67		
3	16QAM	1	0	22.95	22.90	23.02		
3	16QAM	1	8	22.92	23.03	23.01	23.3	1
3	16QAM	1	14	22.57	22.74	22.61		
3	16QAM	8	0	21.48	21.74	21.57		
3	16QAM	8	4	21.79	21.80	21.74	22.3	2
3	16QAM	8	7	21.54	21.61	21.68		
3	16QAM	15	0	21.71	21.68	21.53		
3	64QAM	1	0	21.67	21.82	21.80		
3	64QAM	1	8	21.82	21.82	21.66	22.3	2
3	64QAM	1	14	21.65	21.79	21.56		
3	64QAM	8	0	20.62	20.64	20.57		
3	64QAM	8	4	20.69	20.71	20.57	21.3	3
3	64QAM	8	7	20.58	20.54	20.48		
3	64QAM	15	0	20.51	20.66	20.68		
3	256QAM	1	0	18.37	18.50	18.45		
3	256QAM	1	8	18.42	18.39	18.51	19.3	5
3	256QAM	1	14	18.47	18.42	18.28		
3	256QAM	8	0	18.33	18.32	18.40		
3	256QAM	8	4	18.47	18.36	18.37		
3	256QAM	8	7	18.36	18.30	18.45	19.3	5
3	256QAM	15	0	18.50	18.38	18.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.68	23.71	23.70		
1.4	QPSK	1	3	23.63	23.68	23.53		
1.4	QPSK	1	5	23.55	23.65	23.64	24.3	0
1.4	QPSK	3	0	23.75	23.79	23.64		
1.4	QPSK	3	1	23.54	23.59	23.54		
1.4	QPSK	3	3	23.43	23.53	23.39		
1.4	QPSK	6	0	22.58	22.60	22.46	23.3	1
1.4	16QAM	1	0	23.01	23.07	22.99		
1.4	16QAM	1	3	23.01	23.02	22.91		
1.4	16QAM	1	5	22.77	22.82	22.78	23.3	1
1.4	16QAM	3	0	22.63	22.65	22.66		
1.4	16QAM	3	1	22.56	22.66	22.61		
1.4	16QAM	3	3	22.55	22.59	22.55		
1.4	16QAM	6	0	21.51	21.66	21.54	22.3	2
1.4	64QAM	1	0	21.86	21.81	21.77		
1.4	64QAM	1	3	21.92	22.04	22.03		
1.4	64QAM	1	5	21.72	21.73	21.72	22.3	2
1.4	64QAM	3	0	21.58	21.77	21.71		
1.4	64QAM	3	1	21.86	21.93	21.89		
1.4	64QAM	3	3	21.61	21.69	21.57		
1.4	64QAM	6	0	20.64	20.68	20.55	21.3	3
1.4	256QAM	1	0	18.85	18.89	18.75		
1.4	256QAM	1	3	18.82	18.88	18.80		
1.4	256QAM	1	5	18.97	19.09	19.06	19.3	5
1.4	256QAM	3	0	18.77	18.88	18.79		
1.4	256QAM	3	1	18.93	18.94	18.92		
1.4	256QAM	3	3	18.94	18.95	18.93		
1.4	256QAM	6	0	18.95	19.04	19.01	19.3	5

Band 2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.23	22.29	22.14		
20	QPSK	1	49	22.13	22.24	22.10	22.8	0
20	QPSK	1	99	21.97	21.98	21.85		
20	QPSK	50	0	21.09	21.08	21.07		
20	QPSK	50	24	20.96	21.05	21.00	21.8	1
20	QPSK	50	50	20.92	20.95	20.89		
20	QPSK	100	0	20.95	21.00	20.83		
20	16QAM	1	0	21.35	21.45	21.39		
20	16QAM	1	49	21.17	21.30	21.19	21.8	1
20	16QAM	1	99	20.95	21.08	21.03		
20	16QAM	50	0	19.93	19.98	20.04		
20	16QAM	50	24	20.02	20.07	19.96	20.8	2
20	16QAM	50	50	19.98	20.00	19.85		
20	16QAM	100	0	19.87	19.99	19.92		
20	64QAM	1	0	20.15	20.22	20.16		
20	64QAM	1	49	20.16	20.23	20.15	20.8	2
20	64QAM	1	99	19.96	20.08	20.06		
20	64QAM	50	0	19.02	19.06	19.04		
20	64QAM	50	24	18.97	19.05	19.04	19.8	3
20	64QAM	50	50	18.85	18.96	18.90		
20	64QAM	100	0	18.89	19.01	18.97		
20	256QAM	1	0	16.97	16.98	16.93		
20	256QAM	1	49	16.92	16.86	16.96	17.8	5
20	256QAM	1	99	16.85	16.86	16.85		
20	256QAM	50	0	16.94	16.92	16.97		
20	256QAM	50	24	16.94	16.94	16.89	17.8	5
20	256QAM	50	50	16.88	16.97	16.96		
20	256QAM	100	0	16.87	16.85	16.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.98	22.26	21.90		
15	QPSK	1	37	22.04	22.18	22.06	22.8	0
15	QPSK	1	74	21.96	21.91	21.79		
15	QPSK	36	0	20.89	20.97	20.90		
15	QPSK	36	20	20.94	20.93	20.90	21.8	1
15	QPSK	36	39	20.86	20.88	20.81		
15	QPSK	75	0	20.84	20.96	20.85		
15	16QAM	1	0	21.34	21.37	21.21		
15	16QAM	1	37	21.10	21.15	21.08	21.8	1
15	16QAM	1	74	20.91	20.96	21.01		
15	16QAM	36	0	19.90	20.01	19.96		
15	16QAM	36	20	19.99	20.03	19.95	20.8	2
15	16QAM	36	39	19.83	19.96	19.73		
15	16QAM	75	0	19.85	19.88	19.88		
15	64QAM	1	0	20.01	20.09	20.07		
15	64QAM	1	37	20.12	20.12	20.08	20.8	2
15	64QAM	1	74	19.91	20.05	19.95		
15	64QAM	36	0	18.92	18.98	18.97		
15	64QAM	36	20	18.84	19.03	18.98	19.8	3
15	64QAM	36	39	18.79	18.81	18.85		
15	64QAM	75	0	18.82	18.89	18.93		
15	256QAM	1	0	16.85	16.86	16.89		
15	256QAM	1	37	16.83	16.82	16.87	17.8	5
15	256QAM	1	74	16.81	16.72	16.74		
15	256QAM	36	0	16.81	16.77	16.84		
15	256QAM	36	20	16.81	16.85	16.84	17.8	5
15	256QAM	36	39	16.81	16.86	16.83		
15	256QAM	75	0	16.81	16.73	16.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.98	22.22	21.98		
10	QPSK	1	25	22.11	22.20	22.12	22.8	0
10	QPSK	1	49	21.84	21.94	21.81		
10	QPSK	25	0	20.87	21.02	20.82		
10	QPSK	25	12	20.87	20.99	20.97	21.8	1
10	QPSK	25	25	20.79	20.84	20.82		
10	QPSK	50	0	20.92	20.94	20.81		
10	16QAM	1	0	21.27	21.32	21.29		
10	16QAM	1	25	21.14	21.19	21.04	21.8	1
10	16QAM	1	49	20.85	21.02	20.89		
10	16QAM	25	0	19.88	20.06	20.01		
10	16QAM	25	12	19.93	20.00	19.91	20.8	2
10	16QAM	25	25	19.97	19.98	19.78		
10	16QAM	50	0	19.81	19.97	19.83		
10	64QAM	1	0	20.01	20.09	20.11		
10	64QAM	1	25	20.11	20.22	20.09	20.8	2
10	64QAM	1	49	19.92	20.07	19.94		
10	64QAM	25	0	19.00	18.91	19.03		
10	64QAM	25	12	18.93	19.04	18.98	19.8	3
10	64QAM	25	25	18.78	18.82	18.85		
10	64QAM	50	0	18.81	18.92	18.89		
10	256QAM	1	0	16.89	16.89	16.84		
10	256QAM	1	25	16.84	16.82	16.90	17.8	5
10	256QAM	1	49	16.74	16.85	16.73		
10	256QAM	25	0	16.90	16.88	16.94		
10	256QAM	25	12	16.81	16.92	16.78	17.8	5
10	256QAM	25	25	16.84	16.91	16.92		
10	256QAM	50	0	16.72	16.77	16.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.02	22.16	21.90		
5	QPSK	1	12	22.09	22.19	22.14	22.8	0
5	QPSK	1	24	21.94	21.97	21.78		
5	QPSK	12	0	20.86	21.07	20.85		
5	QPSK	12	7	20.84	20.92	20.88	21.8	1
5	QPSK	12	13	20.91	20.94	20.87		
5	QPSK	25	0	20.93	20.98	20.82		
5	16QAM	1	0	21.29	21.40	21.35		
5	16QAM	1	12	21.15	21.29	21.11	21.8	1
5	16QAM	1	24	20.93	20.99	20.88		
5	16QAM	12	0	19.87	19.99	20.02		
5	16QAM	12	7	19.96	19.92	19.82	20.8	2
5	16QAM	12	13	19.94	19.95	19.83		
5	16QAM	25	0	19.82	19.87	19.83		
5	64QAM	1	0	20.05	20.14	20.14		
5	64QAM	1	12	20.01	20.22	20.00	20.8	2
5	64QAM	1	24	19.88	20.06	19.91		
5	64QAM	12	0	18.91	18.94	18.92		
5	64QAM	12	7	18.90	19.01	18.96	19.8	3
5	64QAM	12	13	18.82	18.87	18.80		
5	64QAM	25	0	18.81	18.87	18.89		
5	256QAM	1	0	16.82	16.89	16.77		
5	256QAM	1	12	16.91	16.75	16.87	17.8	5
5	256QAM	1	24	16.74	16.83	16.84		
5	256QAM	12	0	16.92	16.78	16.91		
5	256QAM	12	7	16.85	16.82	16.80	17.8	5
5	256QAM	12	13	16.80	16.93	16.86		
5	256QAM	25	0	16.79	16.80	16.75		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.08	22.21	21.90		
3	QPSK	1	8	22.12	22.18	22.19	22.8	0
3	QPSK	1	14	21.96	21.97	21.75		
3	QPSK	8	0	20.84	21.05	20.92		
3	QPSK	8	4	20.94	20.92	20.91	21.8	1
3	QPSK	8	7	20.79	20.83	20.74		
3	QPSK	15	0	20.89	20.93	20.85		
3	16QAM	1	0	21.27	21.35	21.28		
3	16QAM	1	8	21.11	21.23	21.06	21.8	1
3	16QAM	1	14	20.91	21.03	21.02		
3	16QAM	8	0	19.79	20.04	20.00		
3	16QAM	8	4	20.00	20.01	19.81	20.8	2
3	16QAM	8	7	19.83	19.88	19.73		
3	16QAM	15	0	19.74	19.93	19.86		
3	64QAM	1	0	20.11	20.20	20.10		
3	64QAM	1	8	20.15	20.21	20.09	20.8	2
3	64QAM	1	14	19.87	19.97	19.93		
3	64QAM	8	0	18.88	18.91	18.95		
3	64QAM	8	4	18.87	18.90	18.95	19.8	3
3	64QAM	8	7	18.79	18.89	18.81		
3	64QAM	15	0	18.79	18.86	18.88		
3	256QAM	1	0	16.84	16.87	16.87		
3	256QAM	1	8	16.90	16.76	16.85	17.8	5
3	256QAM	1	14	16.82	16.75	16.74		
3	256QAM	8	0	16.79	16.89	16.94		
3	256QAM	8	4	16.84	16.84	16.84	17.8	5
3	256QAM	8	7	16.75	16.88	16.95		
3	256QAM	15	0	16.72	16.83	16.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.11	22.15	21.97		
1.4	QPSK	1	3	22.11	22.20	22.11		
1.4	QPSK	1	5	21.91	21.89	21.73	22.8	0
1.4	QPSK	3	0	22.06	22.21	21.89		
1.4	QPSK	3	1	22.07	22.19	22.17		
1.4	QPSK	3	3	21.92	21.97	21.70		
1.4	QPSK	6	0	20.85	20.85	20.85	21.8	1
1.4	16QAM	1	0	21.26	21.27	21.29		
1.4	16QAM	1	3	21.07	21.26	21.06		
1.4	16QAM	1	5	20.85	20.96	20.96	21.8	1
1.4	16QAM	3	0	21.12	21.27	21.26		
1.4	16QAM	3	1	21.02	21.22	20.93		
1.4	16QAM	3	3	20.80	20.90	20.96		
1.4	16QAM	6	0	19.86	19.95	19.86	20.8	2
1.4	64QAM	1	0	20.01	20.19	20.15		
1.4	64QAM	1	3	20.07	20.11	20.07		
1.4	64QAM	1	5	19.89	20.03	19.94	20.8	2
1.4	64QAM	3	0	20.00	20.10	20.04		
1.4	64QAM	3	1	20.02	20.06	20.01		
1.4	64QAM	3	3	19.87	20.02	19.83		
1.4	64QAM	6	0	18.86	18.95	18.96	19.8	3
1.4	256QAM	1	0	16.93	16.87	16.84		
1.4	256QAM	1	3	16.80	16.74	16.88		
1.4	256QAM	1	5	16.76	16.80	16.81	17.8	5
1.4	256QAM	3	0	16.79	16.90	16.84		
1.4	256QAM	3	1	16.79	16.86	16.76		
1.4	256QAM	3	3	16.86	16.92	16.95		
1.4	256QAM	6	0	16.80	16.77	16.82	17.8	5

Band 2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.41	24.43	24.28		
20	QPSK	1	49	24.17	24.32	24.18	25	0
20	QPSK	1	99	24.05	24.16	24.07		
20	QPSK	50	0	23.17	23.22	23.11		
20	QPSK	50	24	23.09	23.15	23.03	24	1
20	QPSK	50	50	23.05	23.14	23.00		
20	QPSK	100	0	23.03	23.17	23.08		
20	16QAM	1	0	23.35	23.45	23.41		
20	16QAM	1	49	23.37	23.43	23.37	24	1

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.38	24.48	24.42		
20	QPSK	1	49	24.35	24.46	24.38	25	0
20	QPSK	1	99	24.27	24.28	24.25		
20	QPSK	50	0	23.38	23.44	23.30		
20	QPSK	50	24	23.33	23.42	23.29	24	1
20	QPSK	50	50	23.24	23.30	23.20		
20	QPSK	100	0	23.28	23.36	23.22		
20	16QAM	1	0	23.52	23.56	23.41		
20	16QAM	1	49	23.55	23.63	23.50	24	1
20	16QAM	1	99	23.37	23.39	23.34		
20	16QAM	50	0	22.32	22.37	22.22		
20	16QAM	50	24	22.27	22.41	22.36	23	2
20	16QAM	50	50	22.33	22.34	22.25		
20	16QAM	100	0	22.31	22.37	22.29		
20	64QAM	1	0	22.58	22.58	22.52		
20	64QAM	1	49	22.51	22.59	22.58	23	2
20	64QAM	1	99	22.24	22.34	22.29		
20	64QAM	50	0	21.26	21.33	21.26		
20	64QAM	50	24	21.29	21.40	21.27	22	3
20	64QAM	50	50	21.33	21.34	21.29		
20	64QAM	100	0	21.36	21.37	21.31		
20	256QAM	1	0	19.13	19.14	19.03		
20	256QAM	1	49	19.05	19.09	18.97	20	5
20	256QAM	1	99	18.91	18.99	18.97		
20	256QAM	50	0	19.01	19.07	19.06		
20	256QAM	50	24	19.03	19.00	18.90	20	5
20	256QAM	50	50	19.03	19.08	19.02		
20	256QAM	100	0	18.94	19.09	19.00		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.39	24.43	24.31		
15	QPSK	1	37	24.28	24.34	24.33	25	0
15	QPSK	1	74	24.20	24.17	24.10		
15	QPSK	36	0	23.24	23.34	23.21		
15	QPSK	36	20	23.31	23.31	23.14	24	1
15	QPSK	36	39	23.22	23.17	23.12		
15	QPSK	75	0	23.16	23.34	23.19		
15	16QAM	1	0	23.32	23.46	23.36		
15	16QAM	1	37	23.54	23.51	23.36	24	1
15	16QAM	1	74	23.36	23.33	23.19		
15	16QAM	36	0	22.22	22.26	22.07		
15	16QAM	36	20	22.28	22.28	22.06	23	2
15	16QAM	36	39	22.18	22.31	22.21		
15	16QAM	75	0	22.30	22.34	22.28		
15	64QAM	1	0	22.47	22.50	22.46		
15	64QAM	1	37	22.41	22.47	22.45	23	2
15	64QAM	1	74	22.10	22.19	22.24		
15	64QAM	36	0	21.26	21.21	21.24		
15	64QAM	36	20	21.19	21.27	21.19	22	3
15	64QAM	36	39	21.27	21.25	21.21		
15	64QAM	75	0	21.25	21.26	21.29		
15	256QAM	1	0	19.10	19.02	18.93		
15	256QAM	1	37	18.95	18.99	18.87	20	5
15	256QAM	1	74	18.83	18.96	18.85		
15	256QAM	36	0	18.94	18.99	18.91		
15	256QAM	36	20	18.74	18.98	18.84	20	5
15	256QAM	36	39	18.91	19.05	18.91		
15	256QAM	75	0	18.79	19.00	18.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.45	24.34	24.29		
10	QPSK	1	25	24.36	24.37	24.31	25	0
10	QPSK	1	49	24.12	24.24	24.13		
10	QPSK	25	0	23.28	23.43	23.24		
10	QPSK	25	12	23.22	23.37	23.19	24	1
10	QPSK	25	25	23.11	23.19	23.05		
10	QPSK	50	0	23.24	23.31	23.18		
10	16QAM	1	0	23.44	23.41	23.32		
10	16QAM	1	25	23.54	23.62	23.44	24	1
10	16QAM	1	49	23.24	23.38	23.24		
10	16QAM	25	0	22.21	22.25	22.09		
10	16QAM	25	12	22.12	22.34	22.29	23	2
10	16QAM	25	25	22.22	22.21	22.17		
10	16QAM	50	0	22.20	22.28	22.14		
10	64QAM	1	0	22.43	22.44	22.39		
10	64QAM	1	25	22.40	22.45	22.44	23	2
10	64QAM	1	49	22.27	22.27	22.19		
10	64QAM	25	0	21.23	21.25	21.15		
10	64QAM	25	12	21.19	21.29	21.20	23	3
10	64QAM	25	25	21.23	21.23	21.14		
10	64QAM	50	0	21.21	21.32	21.18		
10	256QAM	1	0	19.11	19.02	19.00		
10	256QAM	1	25	18.99	19.06	18.90	20	5
10	256QAM	1	49	18.79	18.96	18.82		
10	256QAM	25	0	18.88	19.02	18.97		
10	256QAM	25	12	18.81	18.86	18.84	20	5
10	256QAM	25	25	19.00	19.06	18.97		
10	256QAM	50	0	18.84	18.96	18.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.44	24.40	24.34		
5	QPSK	1	12	24.34	24.37	24.24	25	0
5	QPSK	1	24	24.21	24.22	24.13		
5	QPSK	12	0	23.38	23.34	23.28		
5	QPSK	12	7	23.29	23.41	23.15	24	1
5	QPSK	12	13	23.18	23.16	23.06		
5	QPSK	25	0	23.20	23.27	23.14		
5	16QAM	1	0	23.43	23.53	23.29		
5	16QAM	1	12	23.46	23.56	23.40	24	1
5	16QAM	1	24	23.31	23.29	23.22		
5	16QAM	12	0	22.26	22.29	22.14		
5	16QAM	12	7	22.15	22.31	22.34	23	2
5	16QAM	12	13	22.30	22.19	22.11		
5	16QAM	25	0	22.28	22.23	22.16		
5	64QAM	1	0	22.48	22.53	22.51		
5	64QAM	1	12	22.42	22.48	22.52	23	2
5	64QAM	1	24	22.37	22.37	22.29		
5	64QAM	12	0	21.19	21.20	21.14		
5	64QAM	12	7	21.16	21.26	21.20	23	3
5	64QAM	12	13	21.28	21.27	21.26		
5	64QAM	25	0	21.34	21.19	21.19		
5	256QAM	1	0	19.05	19.07	18.97		
5	256QAM	1	12	19.03	19.04	18.85	20	5
5	256QAM	1	24	18.81	18.91	18.91		
5	256QAM	12	0	18.96	18.97	18.92		
5	256QAM	12	7	18.83	18.92	18.81	20	5
5	256QAM	12	13	18.91	18.97	18.91		
5	256QAM	25	0	18.96	19.02	18.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.38	24.45	24.31		
3	QPSK	1	8	24.34	24.39	24.34	25	0
3	QPSK	1	14	24.23	24.26	24.24		
3	QPSK	8	0	23.25	23.41	23.16		
3	QPSK	8	4	23.30	23.35	23.23	24	1
3	QPSK	8	7	23.13	23.25	23.18		
3	QPSK	15	0	23.20	23.26	23.09		
3	16QAM	1	0	23.43	23.45	23.35		
3	16QAM	1	8	23.46	23.53	23.38	24	1
3	16QAM	1	14	23.28	23.25	23.30		
3	16QAM	8	0	22.24	22.25	22.20		
3	16QAM	8	4	22.22	22.36	22.24	23	2
3	16QAM	8	7	22.28	22.19	22.11		
3	16QAM	15	0	22.17	22.36	22.15		
3	64QAM	1	0	22.42	22.46	22.45		
3	64QAM	1	8	22.46	22.50	22.44	23	2
3	64QAM	1	14	22.12	22.19	22.24		
3	64QAM	8	0	21.22	21.21	21.12		
3	64QAM	8	4	21.23	21.38	21.16	22	3
3	64QAM	8	7	21.30	21.25	21.24		
3	64QAM	15	0	21.34	21.24	21.23		
3	256QAM	1	0	19.07	19.11	19.02		
3	256QAM	1	8	18.99	19.07	18.95	20	5
3	256QAM	1	14	18.78	18.88	18.96		
3	256QAM	8	0	18.96	19.04	18.92		
3	256QAM	8	4	18.97	18.94	18.83	20	5
3	256QAM	8	7	19.01	19.07	18.89		
3	256QAM	15	0	18.82	19.06	18.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.43	24.43	24.29		
1.4	QPSK	1	3	24.30	24.35	24.24		
1.4	QPSK	1	5	24.23	24.25	24.14	25	0
1.4	QPSK	3	0	24.28	24.36	24.29		
1.4	QPSK	3	1	24.32	24.32	24.27		
1.4	QPSK	3	3	24.15	24.22	24.10		
1.4	QPSK	6	0	23.17	23.32	23.11	24	1
1.4	16QAM	1	0	23.56	23.55	23.31		
1.4	16QAM	1	3	23.52	23.52	23.49		
1.4	16QAM	1	5	23.29	23.26	23.30	24	1
1.4	16QAM	3	0	23.40	23.47	23.25		
1.4	16QAM	3	1	23.42	23.47	23.36		
1.4	16QAM	3	3	23.28	23.14	23.24		
1.4	16QAM	6	0	22.23	22.29	22.18	23	2
1.4	64QAM	1	0	22.47	22.48	22.41		
1.4	64QAM	1	3	22.41	22.49	22.47		
1.4	64QAM	1	5	22.09	22.26	22.15	23	2
1.4	64QAM	3	0	22.35	22.47	22.30		
1.4	64QAM	3	1	22.28	22.36	22.44		
1.4	64QAM	3	3	22.00	22.24	22.01		
1.4	64QAM	6	0	21.34	21.31	21.28	22	3
1.4	256QAM	1	0	19.05	19.03	19.01		
1.4	256QAM	1	3	18.93	19.07	18.92		
1.4	256QAM	1	5	18.87	18.91	18.87	20	5
1.4	256QAM	3	0	18.87	19.01	18.97		
1.4	256QAM	3	1	18.75	18.88	18.87		
1.4	256QAM	3	3	18.96	19.03	18.94		
1.4	256QAM	6	0	18.82	19.01	18.85	20	5

Band 4_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.83	22.92	22.89		
20	QPSK	1	49	22.75	22.85	22.76	23.5	0
20	QPSK	1	99	22.75	22.79	22.68		
20	QPSK	50	0	21.86	21.86	21.76		
20	QPSK	50	24	21.78	21.83	21.70	22.5	1
20	QPSK	50	50	21.57	21.72	21.71		
20	QPSK	100	0	21.78	21.80	21.75		
20	16QAM	1	0	21.96	21.99	21.92		
20	16QAM	1	49	21.95	21.99	21.97	22.5	1
20	16QAM	1	99	21.85	21.91	21.80		
20	16QAM	50	0	20.74	20.79	20.68		
20	16QAM	50	24	20.79	20.86	20.82	21.5	2
20	16QAM	50	50	20.69	20.79	20.69		
20	16QAM	100	0	20.74	20.80	20.71		
20	64QAM	1	0	20.87	20.98	20.93		
20	64QAM	1	49	20.90	21.02	20.99	21.5	2
20	64QAM	1	99	20.79	20.83	20.78		
20	64QAM	50	0	19.75	19.82	19.81		
20	64QAM	50	24	19.77	19.87	19.81	20.5	3
20	64QAM	50	50	19.75	19.77	19.65		
20	64QAM	100	0	19.72	19.85	19.73		
20	256QAM	1	0	17.61	17.71	17.63		
20	256QAM	1	49	17.60	17.62	17.64	18.5	5
20	256QAM	1	99	17.52	17.70	17.58		
20	256QAM	50	0	17.49	17.59	17.58		
20	256QAM	50	24	17.53	17.60	17.56	18.5	5
20	256QAM	50	50	17.50	17.63	17.55		
20	256QAM	100	0	17.62	17.57	17.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.82	22.86	22.76		
15	QPSK	1	37	22.71	22.76	22.67	23.5	0
15	QPSK	1	74	22.65	22.65	22.67		
15	QPSK	36	0	21.75	21.73	21.72		
15	QPSK	36	20	21.88	21.77	21.69	22.5	1
15	QPSK	36	39	21.47	21.61	21.61		
15	QPSK	75	0	21.72	21.67	21.68		
15	16QAM	1	0	21.92	21.85	21.77		
15	16QAM	1	37	21.88	21.84	21.94	22.5	1
15	16QAM	1	74	21.81	21.81	21.72		
15	16QAM	36	0	20.70	20.72	20.64		
15	16QAM	36	20	20.75	20.80	20.72	21.5	2
15	16QAM	36	39	20.56	20.74	20.63		
15	16QAM	75	0	20.66	20.67	20.66		
15	64QAM	1	0	20.73	20.95	20.80		
15	64QAM	1	37	20.88	21.00	20.93	21.5	2
15	64QAM	1	74	20.70	20.70	20.74		
15	64QAM	36	0	19.64	19.67	19.80		
15	64QAM	36	20	19.69	19.82	19.67	20.5	3
15	64QAM	36	39	19.68	19.70	19.63		
15	64QAM	75	0	19.60	19.71	19.60		
15	256QAM	1	0	17.51	17.67	17.46		
15	256QAM	1	37	17.48	17.53	17.62	18.5	5
15	256QAM	1	74	17.49	17.64	17.53		
15	256QAM	36	0	17.41	17.53	17.44		
15	256QAM	36	20	17.38	17.55	17.50	18.5	5
15	256QAM	36	39	17.37	17.42	17.52		
15	256QAM	75	0	17.56	17.46	17.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.79	22.84	22.77		
10	QPSK	1	25	22.72	22.80	22.74	23.5	0
10	QPSK	1	49	22.61	22.71	22.58		
10	QPSK	25	0	21.79	21.84	21.74		
10	QPSK	25	12	21.65	21.77	21.67	22.5	1
10	QPSK	25	25	21.44	21.58	21.63		
10	QPSK	50	0	21.71	21.77	21.72		
10	16QAM	1	0	21.91	21.96	21.81		
10	16QAM	1	25	21.82	21.96	21.91	22.5	1
10	16QAM	1	49	21.81	21.78	21.73		
10	16QAM	25	0	20.70	20.82	20.53		
10	16QAM	25	12	20.72	20.82	20.81	21.5	2
10	16QAM	25	25	20.60	20.67	20.58		
10	64QAM	1	0	20.71	20.76	20.69		
10	64QAM	1	0	20.75	20.91	20.81		
10	64QAM	1	25	20.79	21.01	20.90	21.5	2
10	64QAM	1	49	20.77	20.72	20.71		
10	64QAM	25	0	19.63	19.74	19.72		
10	64QAM	25	12	19.65	19.72	19.68	20.5	3
10	64QAM	25	25	19.60	19.66	19.56		
10	64QAM	50	0	19.62	19.71	19.72		
10	256QAM	1	0	17.57	17.70	17.57		
10	256QAM	1	25	17.51	17.52	17.57	18.5	5
10	256QAM	1	49	17.44	17.67	17.49		
10	256QAM	25	0	17.46	17.51	17.44		
10	256QAM	25	12	17.47	17.54	17.52	18.5	5
10	256QAM	25	25	17.42	17.59	17.47		
10	256QAM	50	0	17.47	17.45	17.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.79	22.83	22.66		
5	QPSK	1	12	22.61	22.84	22.67	23.5	0
5	QPSK	1	24	22.65	22.74	22.61		
5	QPSK	12	0	21.76	21.72	21.69		
5	QPSK	12	7	21.65	21.77	21.63	22.5	1
5	QPSK	12	13	21.45	21.63	21.64		
5	QPSK	25	0	21.70	21.65	21.70		
5	16QAM	1	0	21.88	21.90	21.77		
5	16QAM	1	12	21.84	21.90	21.86	22.5	1
5	16QAM	1	24	21.82	21.77	21.73		
5	16QAM	12	0	20.59	20.77	20.59		
5	16QAM	12	7	20.75	20.73	20.74	21.5	2
5	16QAM	12	13	20.55	20.73	20.60		
5	16QAM	25	0	20.68	20.72	20.68		
5	64QAM	1	0	20.72	20.85	20.91		
5	64QAM	1	12	20.81	20.95	20.91	21.5	2
5	64QAM	1	24	20.64	20.78	20.75		
5	64QAM	12	0	19.69	19.71	19.78		
5	64QAM	12	7	19.63	19.80	19.72	20.5	3
5	64QAM	12	13	19.67	19.76	19.61		
5	64QAM	25	0	19.58	19.80	19.68		
5	256QAM	1	0	17.56	17.63	17.56		
5	256QAM	1	12	17.52	17.54	17.60	18.5	5
5	256QAM	1	24	17.41	17.47	17.49		
5	256QAM	12	0	17.40	17.47	17.56		
5	256QAM	12	7	17.40	17.51	17.45	18.5	5
5	256QAM	12	13	17.45	17.49	17.44		
5	256QAM	25	0	17.60	17.47	17.46		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.70		
3	QPSK	1	8	22.61	22.84	22.66	23.5	0
3	QPSK	1	14	22.74	22.64	22.72		
3	QPSK	8	0	21.71	21.77	21.64		
3	QPSK	8	4	21.68	21.75	21.67	22.5	1
3	QPSK	8	7	21.45	21.70	21.59		
3	QPSK	15	0	21.67	21.79	21.62		
3	16QAM	1	0	21.87	21.98	21.87		
3	16QAM	1	8	21.89	21.87	21.95	22.5	1
3	16QAM	1	14	21.77	21.81	21.65		
3	16QAM	8	0	20.68	20.70	20.56		
3	16QAM	8	4	20.65	20.72	20.72	21.5	2
3	16QAM	8	7	20.54	20.77	20.57		
3	16QAM	15	0	20.68	20.73	20.64		
3	64QAM	1	0	20.77	20.92	20.84		
3	64QAM	1	8	20.79	20.94	20.94	21.5	2
3	64QAM	1	14	20.68	20.71	20.70		
3	64QAM	8	0	19.73	19.76	19.79		
3	64QAM	8	4	19.75	19.79	19.79	20.5	3
3	64QAM	8	7	19.61	19.75	19.64		
3	64QAM	15	0	19.61	19.71	19.62		
3	256QAM	1	0	17.46	17.57	17.48		
3	256QAM	1	8	17.52	17.61	17.62	18.5	5
3	256QAM	1	14	17.39	17.69	17.52		
3	256QAM	8	0	17.36	17.58	17.55		
3	256QAM	8	4	17.43	17.59	17.52	18.5	5
3	256QAM	8	7	17.37	17.50	17.54		
3	256QAM	15	0	17.52	17.53	17.49		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.73	22.82	22.76		
1.4	QPSK	1	3	22.62	22.75	22.68		
1.4	QPSK	1	5	22.65	22.68	22.54	23.5	0
1.4	QPSK	3	0	22.73	22.89	22.67		
1.4	QPSK	3	1	22.66	22.72	22.70		
1.4	QPSK	3	3	22.61	22.69	22.61		
1.4	QPSK	6	0	21.67	21.67	21.69	22.5	1
1.4	16QAM	1	0	21.96	21.91	21.86		
1.4	16QAM	1	3	21.81	21.93	21.82		
1.4	16QAM	1	5	21.75	21.82	21.65	22.5	1
1.4	16QAM	3	0	21.80	21.78	21.74		
1.4	16QAM	3	1	21.67	21.78	21.69		
1.4	16QAM	3	3	21.60	21.79	21.50		
1.4	16QAM	6	0	20.63	20.77	20.60	21.5	2
1.4	64QAM	1	0	20.75	20.96	20.83		
1.4	64QAM	1	3	20.88	20.99	20.93		
1.4	64QAM	1	5	20.64	20.76	20.69	21.5	2
1.4	64QAM	3	0	20.62	20.88	20.74		
1.4	64QAM	3	1	20.62	20.86	20.82		
1.4	64QAM	3	3	20.49	20.70	20.54		
1.4	64QAM	6	0	19.65	19.75	19.69	20.5	3
1.4	256QAM	1	0	17.49	17.64	17.56		
1.4	256QAM	1	3	17.45	17.49	17.63		
1.4	256QAM	1	5	17.39	17.61	17.51	18.5	5
1.4	256QAM	3	0	17.34	17.58	17.51		
1.4	256QAM	3	1	17.45	17.47	17.57		
1.4	256QAM	3	3	17.36	17.54	17.42		
1.4	256QAM	6	0	17.51	17.47	17.48	18.5	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.47	24.53	24.49		
20	QPSK	1	49	24.37	24.46	24.40	25	0
20	QPSK	1	99	24.18	24.28	24.18		
20	QPSK	50	0	23.45	23.48	23.38		
20	QPSK	50	24	23.37	23.46	23.32	24	1
20	QPSK	50	50	23.32	23.38	23.28		
20	QPSK	100	0	23.31	23.39	23.36		
20	16QAM	1	0	23.45	23.59	23.50		
20	16QAM	1	49	23.52	23.60	23.51	24	1
20	16QAM	1	99	23.39	23.43	23.36		
20	16QAM	50	0	22.30	22.41

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.19	24.29	24.22		
10	QPSK	1	25	24.11	24.24	24.09	25	0
10	QPSK	1	49	24.10	24.14	24.13		
10	QPSK	25	0	23.12	23.24	23.11		
10	QPSK	25	12	23.04	23.15	23.03	24	1
10	QPSK	25	25	23.10	23.22	23.09		
10	QPSK	50	0	22.97	23.11	22.98		
10	16QAM	1	0	23.24	23.35	23.32		
10	16QAM	1	25	23.44	23.45	23.30	24	1
10	16QAM	1	49	23.32	23.46	23.38		
10	16QAM	25	0	22.06	22.20	22.17		
10	16QAM	25	12	22.16	22.18	22.09	23	2
10	16QAM	25	25	22.11	22.19	22.14		
10	16QAM	50	0	22.05	22.15	22.00		
10	64QAM	1	0	22.27	22.39	22.24		
10	64QAM	1	25	22.21	22.32	22.17	23	2
10	64QAM	1	49	22.16	22.20	22.13		
10	64QAM	25	0	21.16	21.20	21.10		
10	64QAM	25	12	21.17	21.19	21.12	22	3
10	64QAM	25	25	21.16	21.22	21.17		
10	64QAM	50	0	21.14	21.16	21.02		
10	256QAM	1	0	19.11	19.06	19.06		
10	256QAM	1	25	18.94	19.06	18.90	20	5
10	256QAM	1	49	18.93	19.08	18.92		
10	256QAM	25	0	19.01	19.07	19.01		
10	256QAM	25	12	19.07	19.03	19.11		
10	256QAM	25	25	18.89	19.03	18.95	20	5
10	256QAM	50	0	18.90	19.10	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.16	24.08		
5	QPSK	1	12	24.07	24.20	23.99	25	0
5	QPSK	1	24	23.97	24.13	24.08		
5	QPSK	12	0	23.03	23.20	23.01		
5	QPSK	12	7	22.98	23.05	22.96	24	1
5	QPSK	12	13	23.06	23.09	23.08		
5	QPSK	25	0	22.93	23.01	22.85		
5	16QAM	1	0	23.22	23.26	23.19		
5	16QAM	1	12	23.35	23.31	23.18	24	1
5	16QAM	1	24	23.21	23.36	23.33		
5	16QAM	12	0	22.01	22.19	22.16		
5	16QAM	12	7	22.08	22.16	21.97	23	2
5	16QAM	12	13	22.04	22.10	22.06		
5	16QAM	25	0	21.95	22.00	21.95		
5	64QAM	1	0	22.23	22.33	22.16		
5	64QAM	1	12	22.29	22.24	22.16	23	2
5	64QAM	1	24	22.07	22.17	22.11		
5	64QAM	12	0	21.08	21.15	21.02		
5	64QAM	12	7	21.05	21.16	21.10	22	3
5	64QAM	12	13	21.05	21.18	21.06		
5	64QAM	25	0	21.05	21.13	20.94		
5	256QAM	1	0	19.06	19.02	18.96		
5	256QAM	1	12	18.79	19.05	18.79	20	5
5	256QAM	1	24	18.92	18.97	18.87		
5	256QAM	12	0	18.90	18.99	18.86		
5	256QAM	12	7	18.93	18.91	18.99	20	5
5	256QAM	12	13	18.74	19.02	18.87		
5	256QAM	25	0	18.85	19.01	19.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.15	24.21	24.07		
3	QPSK	1	8	23.97	24.09	24.03	25	0
3	QPSK	1	14	23.95	24.00	23.98		
3	QPSK	8	0	22.99	23.22	23.06		
3	QPSK	8	4	23.03	23.03	22.93	24	1
3	QPSK	8	7	23.07	23.11	23.02		
3	QPSK	15	0	22.92	22.99	22.91		
3	16QAM	1	0	23.13	23.21	23.30		
3	16QAM	1	8	23.39	23.41	23.16	24	1
3	16QAM	1	14	23.17	23.38	23.31		
3	16QAM	8	0	21.98	22.10	22.09		
3	16QAM	8	4	22.11	22.14	22.05	23	2
3	16QAM	8	7	22.05	22.09	22.00		
3	16QAM	15	0	21.91	22.09	21.89		
3	64QAM	1	0	22.19	22.34	22.19		
3	64QAM	1	8	22.17	22.30	22.05	23	2
3	64QAM	1	14	22.06	22.18	22.05		
3	64QAM	8	0	21.09	21.19	21.07		
3	64QAM	8	4	21.09	21.17	21.09	22	3
3	64QAM	8	7	21.12	21.17	21.09		
3	64QAM	15	0	21.10	21.06	20.90		
3	256QAM	1	0	18.98	18.98	18.95		
3	256QAM	1	8	18.88	19.01	18.79	20	5
3	256QAM	1	14	18.83	19.05	18.91		
3	256QAM	8	0	18.89	19.02	18.99		
3	256QAM	8	4	18.96	18.88	19.05	20	5
3	256QAM	8	7	18.87	18.92	18.83		
3	256QAM	15	0	18.84	18.97	18.91		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.11	24.28	24.20		
1.4	QPSK	1	3	24.01	24.18	24.01		
1.4	QPSK	1	5	24.05	24.03	24.01	25	0
1.4	QPSK	3	0	24.09	24.19	24.07		
1.4	QPSK	3	1	24.01	24.12	24.02		
1.4	QPSK	3	3	24.05	24.00	24.09		
1.4	QPSK	6	0	22.95	23.03	22.89	24	1
1.4	16QAM	1	0	23.13	23.32	23.31		
1.4	16QAM	1	3	23.32	23.31	23.21		
1.4	16QAM	1	5	23.31	23.31	23.28	24	1
1.4	16QAM	3	0	23.10	23.28	23.21		
1.4	16QAM	3	1	23.17	23.21	23.13		
1.4	16QAM	3	3	23.26	23.24	23.20		
1.4	16QAM	6	0	22.09	22.09	22.02	23	2
1.4	64QAM	1	0	22.18	22.36	22.19		
1.4	64QAM	1	3	22.08	22.30	22.12		
1.4	64QAM	1	5	22.12	22.27	22.13	23	2
1.4	64QAM	3	0	22.04	22.27	22.16		
1.4	64QAM	3	1	22.01	22.19	22.07		
1.4	64QAM	3	3	22.04	22.08	21.90		
1.4	64QAM	6	0	21.07	21.01	20.90	22	3
1.4	256QAM	1	0	19.08	19.05	19.01		
1.4	256QAM	1	3	18.81	19.03	18.77		
1.4	256QAM	1	5	18.85	19.00	18.89	20	5
1.4	256QAM	3	0	18.99	19.03	18.87		
1.4	256QAM	3	1	18.99	19.02	19.02		
1.4	256QAM	3	3	18.81	18.95	18.90		
1.4	256QAM	6	0	18.87	18.99	18.88	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.44	23.47	23.39		
10	QPSK	1	25	23.37	23.45	23.36	24.1	0
10	QPSK	1	49	23.30	23.36	23.34		
10	QPSK	25	0	22.33	22.46	22.43		
10	QPSK	25	12	22.22	22.36	22.24	23.1	1
10	QPSK	25	25	22.27	22.42	22.33		
10	QPSK	50	0	22.37	22.43	22.33		
10	16QAM	1	0	22.62	22.63	22.49		
10	16QAM	1	25	22.47	22.61	22.50	23.1	1
10	16QAM	1	49	22.32	22.46	22.33		
10	16QAM	25	0	21.27	21.41	21.28		
10	16QAM	25	12	21.37	21.42	21.29	22.1	2
10	16QAM	25	25	21.34	21.42	21.39		
10	16QAM	50	0	21.21	21.34	21.22		
10	64QAM	1	0	21.44	21.58	21.57		
10	64QAM	1	25	21.39	21.54	21.49	22.1	2
10	64QAM	1	49	21.41	21.52	21.37		
10	64QAM	25	0	20.34	20.40	20.28		
10	64QAM	25	12	20.37	20.42	20.33	21.1	3
10	64QAM	25	25	20.43	20.45	20.42		
10	64QAM	50	0	20.23	20.38	20.35		
10	256QAM	1	0	18.20	18.34	18.22		
10	256QAM	1	25	18.20	18.23	18.24	19.1	5
10	256QAM	1	49	18.28	18.35	18.18		
10	256QAM	25	0	18.25	18.36	18.31		
10	256QAM	25	12	18.12	18.24	18.19	19.1	5
10	256QAM	25	25	18.12	18.24	18.12		
10	256QAM	50	0	18.25	18.33	18.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.43	23.37	23.27		
5	QPSK	1	12	23.33	23.41	23.32	24.1	0
5	QPSK	1	24	23.28	23.35	23.25		
5	QPSK	12	0	22.32	22.37	22.30		
5	QPSK	12	7	22.13	22.34	22.17	23.1	1
5	QPSK	12	13	22.12	22.38	22.22		
5	QPSK	25	0	22.24	22.36	22.18		
5	16QAM	1	0	22.50	22.51	22.37		
5	16QAM	1	12	22.37	22.59	22.38	23.1	1
5	16QAM	1	24	22.20	22.34	22.31		
5	16QAM	12	0	21.12	21.40	21.19		
5	16QAM	12	7	21.23	21.34	21.20	22.1	2
5	16QAM	12	13	21.30	21.41	21.30		
5	16QAM	25	0	21.17	21.19	21.10		
5	64QAM	1	0	21.43	21.57	21.48		
5	64QAM	1	12	21.33	21.46	21.35	22.1	2
5	64QAM	1	24	21.40	21.40	21.23		
5	64QAM	12	0	20.20	20.26	20.23		
5	64QAM	12	7	20.23	20.34	20.32	21.1	3
5	64QAM	12	13	20.33	20.37	20.38		
5	64QAM	25	0	20.16	20.31	20.31		
5	256QAM	1	0	18.19	18.21	18.16		
5	256QAM	1	12	18.19	18.15	18.12	19.1	5
5	256QAM	1	24	18.23	18.22	18.09		
5	256QAM	12	0	18.17	18.25	18.19		
5	256QAM	12	7	18.11	18.22	18.16	19.1	5
5	256QAM	12	13	18.04	18.20	18.06		
5	256QAM	25	0	18.13	18.30	18.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.34	23.43	23.37		
3	QPSK	1	8	23.36	23.42	23.21	24.1	0
3	QPSK	1	14	23.21	23.30	23.31		
3	QPSK	8	0	22.33	22.39	22.35		
3	QPSK	8	4	22.18	22.27	22.21	23.1	1
3	QPSK	8	7	22.25	22.37	22.30		
3	QPSK	15	0	22.22	22.42	22.27		
3	16QAM	1	0	22.54	22.54	22.39		
3	16QAM	1	8	22.36	22.60	22.42	23.1	1
3	16QAM	1	14	22.28	22.43	22.25		
3	16QAM	8	0	21.19	21.32	21.20		
3	16QAM	8	4	21.35	21.41	21.14	22.1	2
3	16QAM	8	7	21.22	21.37	21.29		
3	16QAM	15	0	21.19	21.28	21.16		
3	64QAM	1	0	21.33	21.46	21.56		
3	64QAM	1	8	21.25	21.47	21.35	22.1	2
3	64QAM	1	14	21.33	21.41	21.25		
3	64QAM	8	0	20.31	20.31	20.21		
3	64QAM	8	4	20.33	20.39	20.25	21.1	3
3	64QAM	8	7	20.39	20.39	20.35		
3	64QAM	15	0	20.10	20.24	20.28		
3	256QAM	1	0	18.10	18.31	18.15		
3	256QAM	1	8	18.18	18.12	18.11	19.1	5
3	256QAM	1	14	18.25	18.12	18.17		
3	256QAM	8	0	18.22	18.28	18.28		
3	256QAM	8	4	18.13	18.21	18.10	19.1	5
3	256QAM	8	7	18.09	18.22	17.98		
3	256QAM	15	0	18.13	18.31	18.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.31	23.44	23.38		
1.4	QPSK	1	3	23.33	23.42	23.34		
1.4	QPSK	1	5	23.17	23.37	23.38	24.1	0
1.4	QPSK	3	0	23.38	23.32	23.38		
1.4	QPSK	3	1	23.36	23.35	23.33		
1.4	QPSK	3	3	23.22	23.21	23.22		
1.4	QPSK	6	0	22.25	22.30	22.32	23.1	1
1.4	16QAM	1	0	22.54	22.57	22.39		
1.4	16QAM	1	3	22.33	22.52	22.47		
1.4	16QAM	1	5	22.26	22.32	22.21	23.1	1
1.4	16QAM	3	0	22.43	22.52	22.31		
1.4	16QAM	3	1	22.31	22.40	22.33		
1.4	16QAM	3	3	22.22	22.26	22.16		
1.4	16QAM	6	0	21.13	21.21	21.12	22.1	2
1.4	64QAM	1	0	21.29	21.56	21.56		
1.4	64QAM	1	3	21.27	21.43	21.43		
1.4	64QAM	1	5	21.39	21.47	21.33	22.1	2
1.4	64QAM	3	0	21.19	21.41	21.45		
1.4	64QAM	3	1	21.23	21.28	21.38		
1.4	64QAM	3	3	21.31	21.45	21.21		
1.4	64QAM	6	0	20.21	20.28	20.27	21.1	3
1.4	256QAM	1	0	18.16	18.28	18.19		
1.4	256QAM	1	3	18.14	18.15	18.20		
1.4	256QAM	1	5	18.14	18.21	18.13	19.1	5
1.4	256QAM	3	0	18.15	18.27	18.17		
1.4	256QAM	3	1	18.09	18.18	18.17		
1.4	256QAM	3	3	18.09	18.12	18.03		
1.4	256QAM	6	0	18.11	18.22	18.17	19.1	5

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.47	24.62	24.58		
20	QPSK	1	49	24.46	24.58	24.49	25	0
20	QPSK	1	99	24.38	24.42	24.29		
20	QPSK	50	0	23.60	23.66	23.58		
20	QPSK	50	24	23.39	23.54	23.49	24	1
20	QPSK	50	50	23.51	23.59	23.54		
20	QPSK	100	0	23.34	23.48	23.35		
20	16QAM	1	0	23.63	23.68	23.67		
20	16QAM	1	49	23.73	23.83	23.77	24	1
20	16QAM	1	99	23.82	23.89	23.77		
20	16QAM	50	0	22.41	22.48	22.40		
20	16QAM	50	24	22.46	22.53	22.41	23	2
20	16QAM	50	50	22.63	22.64	22.52		
20	16QAM	100	0	22.39	22.48	22.45		
20	64QAM	1	0	22.61	22.63	22.53		
20	64QAM	1	49	22.60	22.74	22.67	23	2
20	64QAM	1	99	22.58	22.71	22.69		
20	64QAM	50	0	21.42	21.50	21.36		
20	64QAM	50	24	21.47	21.51	21.45	22	3
20	64QAM	50	50	21.62	21.63	21.56		
20	64QAM	100	0	21.47	21.51	21.45		
20	256QAM	1	0	19.21	19.39	19.18		
20	256QAM	1	49	19.24	19.31	19.17	20	5
20	256QAM	1	99	19.28	19.31	19.17		
20	256QAM	50	0	19.20	19.31	19.21		
20	256QAM	50	24	19.40	19.27	19.35	20	5
20	256QAM	50	50	19.35	19.31	19.25		
20	256QAM	100	0	19.32	19.41	19.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2607.5	2635	2662.5		
15	QPSK	1	0	24.38	24.54	24.57		
15	QPSK	1	37	24.34	24.49	24.47	25	0
15	QPSK	1	74	24.37	24.33	24.16		
15	QPSK	38	0	23.49	23.66	23.55		
15	QPSK	38	20	23.35	23.44	23.42	24	1
15	QPSK	38	39	23.36	23.50	23.49		
15	QPSK	75	0	23.29	23.37	23.24		
15	16QAM	1	0	23.51	23.58	23.58		
15	16QAM	1	37	23.63	23.76	23.76	24	1
15	16QAM	1	74	23.79	23.77	23.76		
15	16QAM	36	0	22.30	22.36	22.36		
15	16QAM	36	20	22.35	22.43	22.29	23	2
15	16QAM	36	39	22.58	22.63	22.45		
15	16QAM	75	0	22.38	22.33	22.43		
15	64QAM	1	0	22.52	22.51	22.42		
15	64QAM	1	37	22.59	22.70	22.60	23	2
15	64QAM	1	74	22.45	22.62	22.61		
15	64QAM	36	0	21.32	21.49	21.34		
15	64QAM	36	20	21.39	21.36	21.41	22	3
15	64QAM	36	39	21.53	21.53	21.48		
15	64QAM	75	0	21.40	21.42	21.36		
15	256QAM	1	0	19.19	19.27	19.11		
15	256QAM	1	37	19.17	19.30	19.07	20	5
15	256QAM	1	74	19.26	19.25	19.05		
15	256QAM	36	0	19.09	19.18	19.14		
15	256QAM	36	20	19.37	19.26	19.20	20	5
15	256QAM	36	39	19.20	19.28	19.16		
15	256QAM	75	0	19.31	19.39	19.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.34	24.53	24.52		
10	QPSK	1	25	24.33	24.54	24.34	25	0
10	QPSK	1	49	24.37	24.36	24.18		
10	QPSK	25	0	23.57	23.64	23.48		
10	QPSK	25	12	23.31	23.42	23.46	24	1
10	QPSK	25	25	23.44	23.49	23.42		
10	QPSK	50	0	23.30	23.46	23.25		
10	16QAM	1	0	23.51	23.61	23.63		
10	16QAM	1	25	23.60	23.80	23.69	24	1
10	16QAM	1	49	23.78	23.87	23.73		
10	16QAM	25	0	22.36	22.35	22.33		
10	16QAM	25	12	22.33	22.45	22.27	23	2
10	16QAM	25	25	22.61	22.60	22.38		
10	16QAM	50	0	22.32	22.41	22.34		
10	64QAM	1	0	22.51	22.60	22.52		
10	64QAM	1	25	22.52	22.68	22.62	23	2
10	64QAM	1	49	22.68	22.67	22.67		
10	64QAM	25	0	21.33	21.43	21.31		
10	64QAM	25	12	21.41	21.37	21.32	22	3
10	64QAM	25	25	21.56	21.60	21.51		
10	64QAM	50	0	21.36	21.40	21.33		
10	256QAM	1	0	19.16	19.27	19.06		
10	256QAM	1	25	19.21	19.22	19.15	20	5
10	256QAM	1	49	19.22	19.21	19.10		
10	256QAM	25	0	19.11	19.16	19.16		
10	256QAM	25	12	19.26	19.15	19.27	20	5
10	256QAM	25	25	19.34	19.24	19.17		
10	256QAM	50	0	19.18	19.24	19.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.36	24.60	24.45		
5	QPSK	1	12	24.37	24.50	24.37	25	0
5	QPSK	1	24	24.23	24.33	24.37		
5	QPSK	12	0	23.52	23.63	23.46		
5	QPSK	12	7	23.27	23.44	23.37	24	1
5	QPSK	12	13	23.38	23.56	23.47		
5	QPSK	25	0	23.28	23.36	23.33		
5	16QAM	1	0	23.53	23.54	23.58		
5	16QAM	1	12	23.67	23.79	23.73	24	1
5	16QAM	1	24	23.76	23.78	23.66		
5	16QAM	12	0	22.29	22.47	22.35		
5	16QAM	12	7	22.41	22.39	22.37	23	2
5	16QAM	12	13	22.53	22.61	22.49		
5	16QAM	25	0	22.26	22.33	22.35		
5	64QAM	1	0	22.49	22.53	22.51		
5	64QAM	1	12	22.57	22.63	22.64	23	2
5	64QAM	1	24	22.43	22.52	22.58		
5	64QAM	12	0	21.39	21.36	21.24		
5	64QAM	12	7	21.41	21.40	21.42	22	3
5	64QAM	12	13	21.47	21.61	21.53		
5	64QAM	25	0	21.32	21.50	21.36		
5	256QAM	1	0	19.18	19.30	19.06		
5	256QAM	1	12	19.14	19.24	19.07	20	5
5	256QAM	1	24	19.23	19.29	19.08		
5	256QAM	12	0	19.16	19.23	19.10		
5	256QAM	12	7	19.34	19.23	19.20	20	5
5	256QAM	12	13	19.23	19.29	19.16		
5	256QAM	25	0	19.19	19.32	19.22		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.85	22.95	22.93		
20	QPSK	1	49	22.79	22.93	22.86	23	0
20	QPSK	1	99	22.81	22.43	22.91		
20	QPSK	50	0	21.83	21.82	21.84		
20	QPSK	50	24	21.80	21.70	21.82	22	1
20	QPSK	50	50	21.80	21.78	21.81		
20	QPSK	100	0	21.81	21.83	21.76		
20	16QAM	1	0	21.79	21.83	22.00		
20	16QAM	1	49	21.97	21.91	21.93	22	1
20	16QAM	1	99	21.92	21.98	21.97

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.64	24.68	24.61		
20	QPSK	1	49	24.58	24.66	24.59	25	0
20	QPSK	1	99	23.57	23.61	23.55		
20	QPSK	50	0	23.63	23.62	23.59		
20	QPSK	50	24	23.53	23.57	23.43	24	1
20	QPSK	50	50	23.13	23.26	23.15		
20	QPSK	100	0	23.42	23.55	23.45		
20	16QAM	1	0	23.77	23.81	23.71		
20	16QAM	1	49	23.72	23.80	23.74	24	1
20	16QAM	1	99	22.91	22.97	22.92		
20	16QAM	50	0	22.41	22.56	22.49		
20	16QAM	50	24	22.47	22.60	22.59	23	2
20	16QAM	50	50	22.31	22.37	22.24		
20	16QAM	100	0	22.53	22.56	22.51		
20	64QAM	1	0	22.50	22.65	22.51		
20	64QAM	1	49	22.63	22.75	22.62	23	2
20	64QAM	1	99	22.04	22.12	22.04		
20	64QAM	50	0	21.40	21.52	21.43		
20	64QAM	50	24	21.46	21.60	21.51	22	3
20	64QAM	50	50	21.42	21.53	21.47		
20	64QAM	100	0	21.40	21.54	21.49		
20	256QAM	1	0	19.30	19.47	19.39		
20	256QAM	1	49	19.44	19.33	19.33	20	5
20	256QAM	1	99	19.34	19.44	19.31		
20	256QAM	50	0	19.21	19.34	19.18		
20	256QAM	50	24	19.34	19.35	19.39	20	5
20	256QAM	50	50	19.37	19.43	19.36		
20	256QAM	100	0	19.38	19.46	19.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.60	24.56	24.50		
15	QPSK	1	37	24.55	24.57	24.50	25	0
15	QPSK	1	74	23.56	23.49	23.43		
15	QPSK	36	0	23.46	23.54	23.54		
15	QPSK	36	20	23.45	23.50	23.41	24	1
15	QPSK	36	39	22.99	23.20	23.11		
15	QPSK	75	0	23.32	23.53	23.42		
15	16QAM	1	0	23.72	23.78	23.65		
15	16QAM	1	37	23.70	23.70	23.68	24	1
15	16QAM	1	74	22.89	22.84	22.77		
15	16QAM	36	0	22.29	22.55	22.45		
15	16QAM	36	20	22.40	22.59	22.50	23	2
15	16QAM	36	39	22.30	22.30	22.22		
15	16QAM	75	0	22.44	22.55	22.47		
15	64QAM	1	0	22.41	22.64	22.42		
15	64QAM	1	37	22.61	22.70	22.57	23	2
15	64QAM	1	74	21.96	22.06	21.89		
15	64QAM	36	0	21.27	21.49	21.42		
15	64QAM	36	20	21.32	21.51	21.44	22	3
15	64QAM	36	39	21.32	21.41	21.41		
15	64QAM	75	0	21.36	21.45	21.46		
15	256QAM	1	0	19.16	19.38	19.38		
15	256QAM	1	37	19.29	19.24	19.19	20	5
15	256QAM	1	74	19.20	19.33	19.29		
15	256QAM	36	0	19.11	19.29	19.11		
15	256QAM	36	20	19.25	19.33	19.28	20	5
15	256QAM	36	39	19.35	19.32	19.24		
15	256QAM	75	0	19.33	19.44	19.27		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.62	24.53	24.48		
10	QPSK	1	25	24.44	24.58	24.50	25	0
10	QPSK	1	49	23.48	23.58	23.54		
10	QPSK	25	0	23.52	23.53	23.51		
10	QPSK	25	12	23.43	23.53	23.31	24	1
10	QPSK	25	25	23.10	23.14	23.08		
10	QPSK	50	0	23.33	23.52	23.34		
10	16QAM	1	0	23.69	23.69	23.61		
10	16QAM	1	25	23.63	23.76	23.60	24	1
10	16QAM	1	49	22.88	22.82	22.85		
10	16QAM	25	0	22.35	22.41	22.45		
10	16QAM	25	12	22.44	22.49	22.51	23	2
10	16QAM	25	25	22.24	22.34	22.19		
10	16QAM	50	0	22.50	22.50	22.46		
10	64QAM	1	0	22.45	22.55	22.38		
10	64QAM	1	25	22.59	22.68	22.49	23	2
10	64QAM	1	49	22.00	21.97	21.93		
10	64QAM	25	0	21.26	21.46	21.30		
10	64QAM	25	12	21.37	21.57	21.49	22	3
10	64QAM	25	25	21.35	21.39	21.36		
10	64QAM	50	0	21.36	21.47	21.41		
10	256QAM	1	0	19.28	19.43	19.38		
10	256QAM	1	25	19.31	19.28	19.21	20	5
10	256QAM	1	49	19.19	19.42	19.35		
10	256QAM	25	0	19.20	19.28	19.16		
10	256QAM	25	12	19.29	19.33	19.28	20	5
10	256QAM	25	25	19.30	19.39	19.27		
10	256QAM	50	0	19.32	19.35	19.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.61	24.55	24.57		
5	QPSK	1	12	24.56	24.64	24.57	25	0
5	QPSK	1	24	24.38	24.41	24.42		
5	QPSK	12	0	23.53	23.55	23.45		
5	QPSK	12	7	23.43	23.52	23.38	24	1
5	QPSK	12	13	23.29	23.25	23.05		
5	QPSK	25	0	23.33	23.52	23.32		
5	16QAM	1	0	23.68	23.66	23.66		
5	16QAM	1	12	23.69	23.79	23.66	24	1
5	16QAM	1	24	22.78	22.88	22.90		
5	16QAM	12	0	22.29	22.41	22.43		
5	16QAM	12	7	22.45	22.53	22.54	23	2
5	16QAM	12	13	22.21	22.31	22.11		
5	16QAM	25	0	22.52	22.49	22.48		
5	64QAM	1	0	22.42	22.60	22.50		
5	64QAM	1	12	22.61	22.64	22.53	23	2
5	64QAM	1	24	21.89	22.07	22.02		
5	64QAM	12	0	21.39	21.42	21.37		
5	64QAM	12	7	21.45	21.45	21.37	22	3
5	64QAM	12	13	21.38	21.44	21.42		
5	64QAM	25	0	21.38	21.52	21.36		
5	256QAM	1	0	19.27	19.34	19.37		
5	256QAM	1	12	19.43	19.32	19.20	20	5
5	256QAM	1	24	19.21	19.41	19.29		
5	256QAM	12	0	19.08	19.29	19.09		
5	256QAM	12	7	19.26	19.21	19.34	20	5
5	256QAM	12	13	19.29	19.37	19.30		
5	256QAM	25	0	19.31	19.37	19.30		

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.60	23.73	23.62		
20	QPSK	1	49	23.54	23.66	23.56	23.8	0
20	QPSK	1	99	22.61	22.76	22.74		
20	QPSK	50	0	22.64	22.75	22.65		
20	QPSK	50	24	22.54	22.67	22.53	22.8	1
20	QPSK	50	50	22.53	22.61	22.54		
20	QPSK	100	0	22.61	22.74	22.72		
20	16QAM	1	0	22.58	22.72	22.66		
20	16QAM	1	49	22.68	22.77	22.71	22.8	1
20	16QAM	1	99	22.53	22.57	22.50		
20	16QAM	50	0	21.65	21.77	21.63		
20	16QAM	50	24	21.61	21.74	21.60	21.8	2
20	16QAM	50	50	21.76	21.79	21.64		
20	16QAM	100	0	21.68	21.77	21.76		
20	64QAM	1	0	21.62	21.71	21.64		
20	64QAM	1	49	21.63	21.73	21.66	21.8	2
20	64QAM	1	99	21.22	21.37	21.26		
20	64QAM	50	0	20.61	20.76	20.66		
20	64QAM	50	24	20.66	20.73	20.69	20.8	3
20	64QAM	50	50	20.72	20.79	20.64		
20	64QAM	100	0	20.76	20.77	20.72		
20	256QAM	1	0	18.60	18.63	18.61		
20	256QAM	1	49	18.48	18.51	18.43	18.8	5
20	256QAM	1	99	18.43	18.55	18.46		
20	256QAM	50	0	18.42	18.48	18.34		
20	256QAM	50	24	18.51	18.58	18.44	18.8	5
20	256QAM	50	50	18.58	18.59	18.48		
20	256QAM	100	0	18.49	18.54	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.47	23.71	23.56		
15	QPSK	1	37	23.43	23.65	23.51	23.8	0
15	QPSK	1	74	22.56	22.68	22.59		
15	QPSK	36	0	22.58	22.62	22.48		
15	QPSK	36	20	22.53	22.63	22.48	22.8	1
15	QPSK	36	39	22.49	22.55	22.44		
15	QPSK	75	0	22.53	22.74	22.71		
15	16QAM	1	0	22.44	22.61	22.55		
15	16QAM	1	37	22.62	22.68	22.64	22.8	1
15	16QAM	1	74	22.51	22.52	22.48		
15	16QAM	36	0	21.61	21.72	21.54		
15	16QAM	36	20	21.47	21.71	21.57	21.8	2
15	16QAM	36	39	21.67	21.65	21.55		
15	16QAM	75	0	21.53	21.76	21.71		
15	64QAM	1	0	21.49	21.60	21.61		
15	64QAM	1	37	21.57	21.59	21.55	21.8	2
15	64QAM	1	74	21.16	21.28	21.13		
15	64QAM	36	0	20.49	20.61	20.58		
15	64QAM	36	20	20.63	20.59	20.65	20.8	3
15	64QAM	36	39	20.71	20.76	20.62		
15	64QAM	75	0	20.72	20.72	20.61		
15	256QAM	1	0	18.57	18.58	18.55		
15	256QAM	1	37	18.34	18.39	18.37	18.8	5
15	256QAM	1	74	18.30	18.41	18.43		
15	256QAM	36	0	18.31	18.40	18.28		
15	256QAM	36	20	18.47	18.48	18.36	18.8	5
15	256QAM	36	39	18.50	18.51	18.36		
15	256QAM	75	0	18.38	18.50	18.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.57	23.63	23.56		
10	QPSK	1	25	23.51	23.52	23.53	23.8	0
10	QPSK	1	49	22.53	22.68	22.73		
10	QPSK	25	0	22.50	22.59	22.54		
10	QPSK	25	12	22.39	22.53	22.43	22.8	1
10	QPSK	25	25	22.43	22.47	22.41		
10	QPSK	50	0	22.49	22.65	22.71		
10	16QAM	1	0	22.57	22.70	22.58		
10	16QAM	1	25	22.61	22.69	22.68	22.8	1
10	16QAM	1	49	22.43	22.54	22.47		
10	16QAM	25	0	21.58	21.65	21.48		
10	16QAM	25	12	21.57	21.63	21.52	21.8	2
10	16QAM	25	25	21.66	21.53	21.63		
10	16QAM	50	0	21.53	21.62	21.66		
10	64QAM	1	0	21.50	21.57	21.63		
10	64QAM	1	25	21.50	21.59	21.52	21.8	2
10	64QAM	1	49	21.19	21.23	21.14		
10	64QAM	25	0	20.52	20.65	20.63		
10	64QAM	25	12	20.52	20.70	20.64	20.8	3
10	64QAM	25	25	20.67	20.69	20.51		
10	64QAM	50	0	20.70	20.74	20.57		
10	256QAM	1	0	18.48	18.53	18.55		
10	256QAM	1	25	18.42	18.41	18.31	18.8	5
10	256QAM	1	49	18.36	18.43	18.31		
10	256QAM	25	0	18.32	18.47	18.31		
10	256QAM	25	12	18.46	18.51	18.33	18.8	5
10	256QAM	25	25	18.48	18.50	18.43		
10	256QAM	50	0	18.39	18.47	18.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.46	23.68	23.54		
5	QPSK	1	12	23.49	23.58	23.49	23.8	0
5	QPSK	1	24	22.51	22.68	22.72		
5	QPSK	12	0	22.50	22.70	22.46		
5	QPSK	12	7	22.52	22.63	22.44	22.8	1
5	QPSK	12	13	22.46	22.59	22.52		
5	QPSK	25	0	22.60	22.71	22.70		
5	16QAM	1	0	22.43	22.68	22.52		
5	16QAM	1	12	22.62	22.70	22.64	22.8	1
5	16QAM	1	24	22.50	22.72	22.48		
5	16QAM	12	0	21.61	21.72	21.48		
5	16QAM	12	7	21.47	21.69	21.49	21.8	2
5	16QAM	12	13	21.73	21.65	21.56		
5	16QAM	25	0	21.59	21.74	21.61		
5	64QAM	1	0	21.54	21.64	21.50		
5	64QAM	1	12	21.58	21.63	21.52	21.8	2
5	64QAM	1	24	21.16	21.31	21.24		
5	64QAM	12	0	20.48	20.68	20.54		
5	64QAM	12	7	20.51	20.64	20.67	20.8	3
5	64QAM	12	13	20.62	20.71	20.62		
5	64QAM	25	0	20.66	20.70	20.58		
5	256QAM	1	0	18.54	18.52	18.52		
5	256QAM	1	12	18.43	18.46	18.40	18.8	5
5	256QAM	1	24	18.39	18.41	18.31		
5	256QAM	12	0	18.40	18.38	18.23		
5	256QAM	12	7	18.48	18.56	18.32	18.8	5
5	256QAM	12	13	18.51	18.45	18.36		
5	256QAM	25	0	18.42	18.47	18.32		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.73	23.79	23.70		
10	QPSK	1	25	23.63	23.72	23.61	24.3	0
10	QPSK	1	49	23.62	23.76	23.63		
10	QPSK	25	0	22.70	22.82	22.70		
10	QPSK	25	12	22.53	22.62	22.51	23.3	1
10	QPSK	25	25	22.62	22.74	22.59		
10	QPSK	50	0	22.60	22.70	22.55		
10	16QAM	1	0	22.77	22.89	22.79		
10	16QAM	1	25	23.01	23.03	22.88	23.3	1
10	16QAM	1	49	22.85	22.87	22.79		
10	16QAM	25	0	21.49	21.64	21.56		
10	16QAM	25	12	21.63	21.70	21.58	22.3	2
10	16QAM	25	25	21.73	21.79	21.66		
10	16QAM	50	0	21.68	21.75	21.73		
10	64QAM	1	0	21.72	21.87	21.86		
10	64QAM	1	25	21.87	21.99	21.84	22.3	2
10	64QAM	1	49	21.84	21.92	21.78		
10	64QAM	25	0	20.60	20.66	20.65		
10	64QAM	25	12	20.59	20.66	20.52	21.3	3
10	64QAM	25	25	20.67	20.72	20.67		
10	64QAM	50	0	20.64	20.71	20.64		
10	256QAM	1	0	18.51	18.58	18.47		
10	256QAM	1	25	18.57	18.59	18.58	19.3	5
10	256QAM	1	49	18.53	18.67	18.65		
10	256QAM	25	0	18.49	18.59	18.55		
10	256QAM	25	12	18.48	18.56	18.52	19.3	5
10	256QAM	25	25	18.56	18.58	18.48		
10	256QAM	50	0	18.51	18.61	18.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
5	QPSK	1	0	23.62	23.73	23.60		
5	QPSK	1	12	23.59	23.67	23.47	24.3	0
5	QPSK	1	24	23.55	23.63	23.53		
5	QPSK	12	0	22.60	22.68	22.63		
5	QPSK	12	7	22.40	22.59	22.50	23.3	1
5	QPSK	12	13	22.59	22.72	22.56		
5	QPSK	25	0	22.49	22.64	22.44		
5	16QAM	1	0	22.65	22.82	22.65		
5	16QAM	1	12	22.95	22.88	22.82	23.3	1
5	16QAM	1	24	22.79	22.83	22.69		
5	16QAM	12	0	21.38	21.54	21.50		
5	16QAM	12	7	21.58	21.69	21.55	22.3	2
5	16QAM	12	13	21.66	21.77	21.60		
5	16QAM	25	0	21.54	21.61	21.67		
5	64QAM	1	0	21.71	21.74	21.77		
5	64QAM	1	12	21.84	21.88	21.74	22.3	2
5	64QAM	1	24	21.79	21.91	21.73		
5	64QAM	12	0	20.56	20.61	20.62		
5	64QAM	12	7	20.45	20.65	20.42	21.3	3
5	64QAM	12	13	20.66	20.68	20.52		
5	64QAM	25	0	20.53	20.68	20.54		
5	256QAM	1	0	18.41	18.57	18.41		
5	256QAM	1	12	18.45	18.54	18.48	19.3	5
5	256QAM	1	24	18.38	18.52	18.63		
5	256QAM	12	0	18.36	18.57	18.48		
5	256QAM	12	7	18.44	18.55	18.37	19.3	5
5	256QAM	12	13	18.55	18.57	18.38		
5	256QAM	25	0	18.44	18.49	18.39		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.59	23.73	23.68		
3	QPSK	1	8	23.50	23.60	23.54	24.3	0
3	QPSK	1	14	23.58	23.72	23.58		
3	QPSK	8	0	22.61	22.74	22.62		
3	QPSK	8	4	22.47	22.49	22.45	23.3	1
3	QPSK	8	7	22.51	22.70	22.48		
3	QPSK	15	0	22.45	22.65	22.54		
3	16QAM	1	0	22.74	22.77	22.65		
3	16QAM	1	8	22.96	22.92	22.73	23.3	1
3	16QAM	1	14	22.81	22.78	22.73		
3	16QAM	8	0	21.34	21.56	21.51		
3	16QAM	8	4	21.56	21.62	21.56	22.3	2
3	16QAM	8	7	21.67	21.73	21.57		
3	16QAM	15	0	21.54	21.68	21.67		
3	64QAM	1	0	21.70	21.81	21.84		
3	64QAM	1	8	21.73	21.92	21.72	22.3	2
3	64QAM	1	14	21.80	21.88	21.73		
3	64QAM	8	0	20.56	20.64	20.57		
3	64QAM	8	4	20.55	20.51	20.37	21.3	3
3	64QAM	8	7	20.56	20.68	20.66		
3	64QAM	15	0	20.60	20.62	20.54		
3	256QAM	1	0	18.40	18.44	18.32		
3	256QAM	1	8	18.46	18.51	18.51	19.3	5
3	256QAM	1	14	18.48	18.52	18.56		
3	256QAM	8	0	18.39	18.52	18.51		
3	256QAM	8	4	18.35	18.41	18.37	19.3	5
3	256QAM	8	7	18.55	18.49	18.45		
3	256QAM	15	0	18.42	18.47	18.36		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.72	23.71	23.62		
1.4	QPSK	1	3	23.50	23.63	23.53		
1.4	QPSK	1	5	23.48	23.72	23.48	24.3	0
1.4	QPSK	3	0	23.63	23.64	23.53		
1.4	QPSK	3	1	23.38	23.53	23.40		
1.4	QPSK	3	3	23.40	23.68	23.41		
1.4	QPSK	6	0	22.45	22.63	22.47	23.3	1
1.4	16QAM	1	0	22.73	22.84	22.75		
1.4	16QAM	1	3	22.95	22.97	22.86		
1.4	16QAM	1	5	22.81	22.75	22.71	23.3	1
1.4	16QAM	3	0	22.58	22.70	22.74		
1.4	16QAM	3	1	22.94	22.93	22.80		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.54	21.62	21.53	22.3	2
1.4	64QAM	1	0	21.66	21.73	21.79		
1.4	64QAM	1	3	21.76	21.97	21.82		
1.4	64QAM	1	5	21.78	21.87	21.74	22.3	2
1.4	64QAM	3	0	21.64	21.65	21.68		
1.4	64QAM	3	1	21.70	21.86	21.72		
1.4	64QAM	3	3	21.76	21.86	21.72		
1.4	64QAM	6	0	20.59	20.66	20.50	21.3	3
1.4	256QAM	1	0	18.49	18.52	18.34		
1.4	256QAM	1	3	18.47	18.50	18.47		
1.4	256QAM	1	5	18.47	18.63	18.59	19.3	5
1.4	256QAM	3	0	18.47	18.58	18.45		
1.4	256QAM	3	1	18.42	18.41	18.47		
1.4	256QAM	3	3	18.46	18.51	18.37		
1.4	256QAM	6	0	18.46	18.56	18.46	19.3	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.87	22.97	22.90		
10	QPSK	1	25	22.82	22.94	22.83	23.4	0
10	QPSK	1	49	22.87	22.90	22.81		
10	QPSK	25	0	21.81	21.94	21.80		
10	QPSK	25	12	21.79	21.85	21.70	22.4	1
10	QPSK	25	25	21.80	21.85	21.80		
10	QPSK	50	0	21.79	21.91	21.88		
10	16QAM	1	0	22.02	22.16	22.12		
10	16QAM	1	25	22.12	22.14	22.11	22.4	1
10	16QAM	1	49	22.

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.70		24.8	0
10	QPSK	1	25		23.64			
10	QPSK	1	49		23.48			
10	QPSK	25	0		22.68		23.8	1
10	QPSK	25	12		22.65			
10	QPSK	25	25		22.67			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.75		23.8	1
10	16QAM	1	25		23.02			
10	16QAM	1	49		22.86			
10	16QAM	25	0		21.69		22.8	2
10	16QAM	25	12		21.72			
10	16QAM	25	25		21.68			
10	16QAM	50	0		21.65			
10	64QAM	1	0		21.81		22.8	2
10	64QAM	1	25		21.89			
10	64QAM	1	49		21.73			
10	64QAM	25	0		20.70		21.8	3
10	64QAM	25	12		20.70			
10	64QAM	25	25		20.73			
10	64QAM	50	0		20.68			
10	256QAM	1	0		18.60		19.8	5
10	256QAM	1	25		18.64			
10	256QAM	1	49		18.62			
10	256QAM	25	0		18.56		19.8	5
10	256QAM	25	12		18.57			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.56			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.63	23.62	23.67	24.8	0
5	QPSK	1	12	23.59	23.54	23.63		
5	QPSK	1	24	23.43	23.47	23.34		
5	QPSK	12	0	22.58	22.60	22.66	23.8	1
5	QPSK	12	7	22.60	22.50	22.64		
5	QPSK	12	13	22.53	22.55	22.63		
5	QPSK	25	0	22.51	22.60	22.60		
5	16QAM	1	0	22.73	22.72	22.65	23.8	1
5	16QAM	1	12	22.89	22.89	23.01		
5	16QAM	1	24	22.74	22.84	22.85		
5	16QAM	12	0	21.65	21.64	21.68	22.8	2
5	16QAM	12	7	21.60	21.61	21.59		
5	16QAM	12	13	21.64	21.56	21.63		
5	16QAM	25	0	21.51	21.51	21.54		
5	64QAM	1	0	21.67	21.66	21.79	22.8	2
5	64QAM	1	12	21.76	21.86	21.86		
5	64QAM	1	24	21.58	21.59	21.69		
5	64QAM	12	0	20.66	20.65	20.68	21.8	3
5	64QAM	12	7	20.63	20.68	20.58		
5	64QAM	12	13	20.62	20.58	20.71		
5	64QAM	25	0	20.53	20.64	20.65		
5	256QAM	1	0	18.42	18.44	18.44	19.8	5
5	256QAM	1	12	18.61	18.49	18.51		
5	256QAM	1	24	18.52	18.58	18.56		
5	256QAM	12	0	18.53	18.56	18.60	19.8	5
5	256QAM	12	7	18.41	18.47	18.45		
5	256QAM	12	13	18.48	18.38	18.48		
5	256QAM	25	0	18.60	18.56	18.61		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.95		23.9	0
10	QPSK	1	25		22.87			
10	QPSK	1	49		22.46			
10	QPSK	25	0		21.90		22.9	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.79			
10	QPSK	50	0		21.80			
10	16QAM	1	0		22.03		22.9	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.81		21.9	2
10	16QAM	25	12		20.86			
10	16QAM	25	25		20.84			
10	16QAM	50	0		20.79			
10	64QAM	1	0		20.99		21.9	2
10	64QAM	1	25		20.96			
10	64QAM	1	49		20.92			
10	64QAM	25	0		19.84		20.9	3
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.85			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.55		18.9	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.60			
10	256QAM	25	0		17.69		18.9	5
10	256QAM	25	12		17.58			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.71	22.72	23.9	0
5	QPSK	1	12	22.80	22.79	22.73		
5	QPSK	1	24	22.37	22.39	22.36		
5	QPSK	12	0	21.68	21.66	21.70	22.9	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.70	21.75	21.74		
5	QPSK	25	0	21.70	21.69	21.66		
5	16QAM	1	0	21.89	21.94	21.99	22.9	1
5	16QAM	1	12	21.92	21.91	21.98		
5	16QAM	1	24	21.96	21.97	21.88		
5	16QAM	12	0	20.70	20.69	20.71	21.9	2
5	16QAM	12	7	20.79	20.76	20.78		
5	16QAM	12	13	20.73	20.71	20.75		
5	16QAM	25	0	20.66	20.77	20.64		
5	64QAM	1	0	20.95	20.84	20.98	21.9	2
5	64QAM	1	12	20.82	20.93	20.89		
5	64QAM	1	24	20.84	20.90	20.91		
5	64QAM	12	0	19.77	19.75	19.71	20.9	3
5	64QAM	12	7	19.83	19.84	19.80		
5	64QAM	12	13	19.73	19.83	19.77		
5	64QAM	25	0	19.71	19.84	19.75		
5	256QAM	1	0	17.55	17.56	17.54	18.9	5
5	256QAM	1	12	17.61	17.59	17.56		
5	256QAM	1	24	17.55	17.52	17.51		
5	256QAM	12	0	17.59	17.65	17.59	18.9	5
5	256QAM	12	7	17.66	17.59	17.71		
5	256QAM	12	13	17.52	17.55	17.53		
5	256QAM	25	0	17.58	17.51	17.64		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.60	23.76	23.74	24.3	0
10	QPSK	1	25	23.57	23.67	23.57		
10	QPSK	1	49	23.59	23.66	23.62		
10	QPSK	25	0	22.57	22.67	22.62	23.3	1
10	QPSK	25	12	22.50	22.56	22.46		
10	QPSK	25	25	22.54	22.59	22.57		
10	QPSK	50	0	22.38	22.49	22.39		
10	16QAM	1	0	22.63	22.77	22.69	23.3	1
10	16QAM	1	25	22.79	22.82	22.78		
10	16QAM	1	49	22.83	22.92	22.78		
10	16QAM	25	0	21.47	21.50	21.47	22.3	2
10	16QAM	25	12	21.44	21.56	21.43		
10	16QAM	25	25	21.50	21.61	21.57		
10	16QAM	50	0	21.45	21.54	21.51		
10	64QAM	1	0	21.48	21.60	21.51	22.3	2
10	64QAM	1	25	21.78	21.81	21.79		
10	64QAM	1	49	21.65	21.70	21.55		
10	64QAM	25	0	20.42	20.52	20.45	21.3	3
10	64QAM	25	12	20.43	20.55	20.48		
10	64QAM	25	25	20.51	20.63	20.51		
10	64QAM	50	0	20.37	20.47	20.43		
10	256QAM	1	0	18.36	18.35	18.39	19.3	5
10	256QAM	1	25	18.31	18.37	18.28		
10	256QAM	1	49	18.35	18.33	18.35		
10	256QAM	25	0	18.46	18.43	18.46	19.3	5
10	256QAM	25	12	18.33	18.35	18.46		
10	256QAM	25	25	18.34	18.41	18.39		
10	256QAM	50	0	18.38	18.39	18.37		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.59	23.65	23.63	24.3	0
5	QPSK	1	12	23.42	23.66	23.45		
5	QPSK	1	24	23.46	23.63	23.59		
5	QPSK	12	0	22.46	22.61	22.53	23.3	1
5	QPSK	12	7	22.39	22.42	22.42		
5	QPSK	12	13	22.52	22.51	22.53		
5	QPSK	25	0	22.23	22.45	22.28		
5	16QAM	1	0	22.54	22.74	22.68	23.3	1
5	16QAM	1	12	22.78	22.75	22.70		
5	16QAM	1	24	22.78	22.88	22.73		
5	16QAM	12	0	21.42	21.49	21.42	22.3	2
5	16QAM	12	7	21.38	21.43	21.37		
5	16QAM	12	13	21.44	21.48	21.53		
5	16QAM	25	0	21.30	21.45	21.43		
5	64QAM	1	0	21.44	21.45	21.41	22.3	2
5	64QAM	1	12	21.77	21.68	21.78		
5	64QAM	1	24	21.50	21.64	21.45		
5	64QAM	12	0	20.30	20.41	20.32	21.3	3
5	64QAM	12	7	20.40	20.50	20.46		
5	64QAM	12	13	20.47	20.57	20.46		
5	64QAM	25	0	20.25	20.37	20.39		
5	256QAM	1	0	18.23	18.34	18.26	19.3	5
5	256QAM	1	12	18.24	18.30	18.13		
5	256QAM	1	24	18.24	18.19	18.25		
5	256QAM	12	0	18.43	18.40	18.42	19.3	5
5	256QAM	12	7	18.27	18.29	18.33		
5	256QAM	12	13	18.22	18.26	18.28		
5	256QAM	25	0	18.32	18.35	18.32		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.83	22.96	22.87	23.4	0
10	QPSK	1	25	22.81	22.90	22.85		
10	QPSK	1	49	22.69	22.80	22.70		
10	QPSK	25	0	21.76	21.90	21.84	22.4	1
10	QPSK	25	12	21.64	21.77	21.64		
10	QPSK	25	25	21.70	21.82	21.80		
10	QPSK	50	0	21.63	21.70	21.66		
10	16QAM	1	0	22.03	22.09	22.04	22.4	1
10	16QAM	1	25	21.97	22.03	21.92		
10	16QAM	1	49	22.04	22.09	22.03		
10	16QAM	25	0	20.72	20.76	20.71	21.4	2
10	16QAM	25	12	20.78	20.82	20.67		
10	16QAM	25	25	20.78	20.87	20.85		
10	16QAM	50	0	20.69	20.71	20.59		
10	64QAM	1	0	20.87	21.01	21.00	21.4	2
10	64QAM	1	25	20.99	21.10	20.99		
10	64QAM	1	49	20.81	20.91	20.76		
10	64QAM	25	0	19.85	19.89	19.82	20.4	3
10	64QAM	25	12	19.79	19.81	19.80		
10	64QAM	25	25	19.84	19.88	19.85		
10	64QAM	50	0	19.74	19.79	19.68		
10	256QAM	1	0	17.63	17.68	17.66	18.4	5
10	256QAM	1	25	17.71	17.57	17.63		
10	256QAM	1	49	17.69	17.59	17.69		
10	256QAM	25	0	17.70	17.71	17.57	18.4	5
10	256QAM	25	12	17.63	17.59	17.58		
10	256QAM	25	25	17.68	17.62	17.70		
10	256QAM	50	0	17.59	17.70	17.61		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.82	22.77	23.4	0
5	QPSK	1	12	22.75	22.83	22.83		
5	QPSK	1	24	22.65	22.67	22.56		
5	QPSK	12	0	21.67	21.89	21.76	22.4	1
5	QPSK	12	7	21.50	21.65	21.60		
5	QPSK	12	13	21.56	21.77	21.71		
5	QPSK	25	0	21.49	21.68	21.51		
5	16QAM	1	0	22.00	21.98	22.02	22.4	1
5	16QAM	1	12	21.92	22.01	21.80		
5	16QAM	1	24	21.89	22.03	21.91		
5	16QAM	12	0	20.65	20.70	20.66	21.4	2
5	16QAM	12	7	20.69	20.67	20.53		
5	16QAM	12	13	20.75	20.78	20.83		
5	16QAM	25	0	20.59	20.69	20.47		
5	64QAM	1	0	20.85	20.95	20.88	21.4	2
5	64QAM	1	12	20.98	21.01	20.90		
5	64QAM	1	24	20.69	20.86	20.67		
5	64QAM	12	0	19.61	19.68	19.56	20.4	3
5	64QAM	12	7	19.66	19.66	19.77		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.64	19.67	19.63		
5	256QAM	1	0	17.61	17.59	17.64	18.4	5
5	256QAM	1	12	17.66	17.50	17.56		
5	256QAM	1	24	17.65	17.48	17.56		
5	256QAM	12	0	17.63	17.65	17.49	18.4	5
5	256QAM	12	7	17.51	17.56	17.48		
5	256QAM	12	13	17.62	17.56	17.61		
5	256QAM	25	0	17.56	17.57	17.48		

Band 25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.80	23.83	23.75		
20	QPSK	1	49	23.71	23.79	23.71	24.3	0
20	QPSK	1	99	23.54	23.68	23.56		
20	QPSK	50	0	22.72	22.77	22.71		
20	QPSK	50	24	22.68	22.75	22.62	23.3	1
20	QPSK	50	50	22.62	22.66	22.57		
20	QPSK	100	0	22.56	22.71	22.63		
20	16QAM	1	0	22.95	23.00	22.85		
20	16QAM	1	49	22.88	22.90	22.88	23.3	1
20	16QAM	1	99	22.75	22.82	22.73		
20	16QAM	50	0	21.59	21.67	21.66		
20	16QAM	50	24	21.72	21.78	21.65	22.3	2
20	16QAM	50	50	21.57	21.68	21.53		
20	16QAM	100	0	21.58	21.72	21.63		
20	64QAM	1	0	21.85	21.88	21.79		
20	64QAM	1	49	21.84	21.92	21.85	22.3	2
20	64QAM	1	99	21.65	21.71	21.64		
20	64QAM	50	0	20.52	20.66	20.60		
20	64QAM	50	24	20.63	20.74	20.65	21.3	3
20	64QAM	50	50	20.66	20.67	20.61		
20	64QAM	100	0	20.70	20.71	20.68		
20	256QAM	1	0	18.72	18.77	18.69		
20	256QAM	1	49	18.57	18.71	18.63	19.3	5
20	256QAM	1	99	18.66	18.67	18.63		
20	256QAM	50	0	18.68	18.65	18.67		
20	256QAM	50	24	18.68	18.68	18.54	19.3	5
20	256QAM	50	50	18.64	18.74	18.75		
20	256QAM	100	0	18.73	18.69	18.65		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.68	23.82	23.68		
15	QPSK	1	37	23.68	23.74	23.59	24.3	0
15	QPSK	1	74	23.42	23.65	23.49		
15	QPSK	36	0	22.69	22.72	22.60		
15	QPSK	36	20	22.72	22.77	22.58	23.3	1
15	QPSK	36	39	22.56	22.62	22.47		
15	QPSK	75	0	22.47	22.66	22.57		
15	16QAM	1	0	22.67	22.92	22.73		
15	16QAM	1	37	22.76	22.86	22.82	23.3	1
15	16QAM	1	74	22.63	22.72	22.63		
15	16QAM	36	0	21.50	21.55	21.52		
15	16QAM	36	20	21.71	21.77	21.55	22.3	2
15	16QAM	36	39	21.45	21.63	21.51		
15	16QAM	75	0	21.48	21.60	21.55		
15	64QAM	1	0	21.79	21.85	21.66		
15	64QAM	1	37	21.78	21.87	21.73	22.3	2
15	64QAM	1	74	21.59	21.59	21.59		
15	64QAM	36	0	20.50	20.54	20.55		
15	64QAM	36	20	20.56	20.59	20.51	21.3	3
15	64QAM	36	39	20.65	20.66	20.50		
15	64QAM	75	0	20.64	20.62	20.57		
15	256QAM	1	0	18.60	18.63	18.63		
15	256QAM	1	37	18.51	18.64	18.62	19.3	5
15	256QAM	1	74	18.56	18.64	18.60		
15	256QAM	36	0	18.60	18.51	18.62		
15	256QAM	36	20	18.46	18.64	18.41	19.3	5
15	256QAM	36	39	18.51	18.73	18.69		
15	256QAM	75	0	18.61	18.66	18.52		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.73	23.80	23.65		
10	QPSK	1	25	23.67	23.74	23.67	24.3	0
10	QPSK	1	49	23.52	23.53	23.52		
10	QPSK	25	0	22.61	22.68	22.68		
10	QPSK	25	12	22.68	22.72	22.56	23.3	1
10	QPSK	25	25	22.47	22.60	22.45		
10	QPSK	50	0	22.52	22.59	22.53		
10	16QAM	1	0	22.92	22.88	22.78		
10	16QAM	1	25	22.76	22.86	22.86	23.3	1
10	16QAM	1	49	22.72	22.73	22.64		
10	16QAM	25	0	21.46	21.63	21.56		
10	16QAM	25	12	21.64	21.68	21.63	22.3	2
10	16QAM	25	25	21.57	21.40	21.40		
10	16QAM	50	0	21.48	21.59	21.51		
10	64QAM	1	0	21.75	21.74	21.74		
10	64QAM	1	25	21.80	21.80	21.79	22.3	2
10	64QAM	1	49	21.60	21.57	21.60		
10	64QAM	25	0	20.37	20.57	20.57		
10	64QAM	25	12	20.62	20.73	20.61	21.3	3
10	64QAM	25	25	20.58	20.58	20.54		
10	64QAM	50	0	20.56	20.63	20.67		
10	256QAM	1	0	18.69	18.65	18.65		
10	256QAM	1	25	18.50	18.69	18.51	19.3	5
10	256QAM	1	49	18.61	18.56	18.51		
10	256QAM	25	0	18.59	18.61	18.60		
10	256QAM	25	12	18.60	18.56	18.42	19.3	5
10	256QAM	25	25	18.63	18.70	18.65		
10	256QAM	50	0	18.62	18.56	18.55		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.77	23.82	23.68		
5	QPSK	1	12	23.69	23.74	23.59	24.3	0
5	QPSK	1	24	23.54	23.41	23.41		
5	QPSK	12	0	22.63	22.73	22.64		
5	QPSK	12	7	22.58	22.70	22.54	23.3	1
5	QPSK	12	13	22.57	22.52	22.45		
5	QPSK	25	0	22.48	22.61	22.61		
5	16QAM	1	0	22.93	22.97	22.81		
5	16QAM	1	12	22.84	22.88	22.74	23.3	1
5	16QAM	1	24	22.74	22.58	22.58		
5	16QAM	12	0	21.52	21.63	21.65		
5	16QAM	12	7	21.68	21.73	21.56	22.3	2
5	16QAM	12	13	21.43	21.56	21.44		
5	16QAM	25	0	21.51	21.57	21.60		
5	64QAM	1	0	21.80	21.80	21.76		
5	64QAM	1	12	21.70	21.83	21.74	22.3	2
5	64QAM	1	24	21.58	21.57	21.57		
5	64QAM	12	0	20.42	20.64	20.49		
5	64QAM	12	7	20.55	20.73	20.59	21.3	3
5	64QAM	12	13	20.55	20.59	20.56		
5	64QAM	25	0	20.52	20.59	20.54		
5	256QAM	1	0	18.59	18.76	18.66		
5	256QAM	1	12	18.51	18.70	18.58	19.3	5
5	256QAM	1	24	18.62	18.60	18.60		
5	256QAM	12	0	18.62	18.56	18.57		
5	256QAM	12	7	18.53	18.58	18.45	19.3	5
5	256QAM	12	13	18.58	18.65	18.60		
5	256QAM	25	0	18.61	18.57	18.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.73	23.71	23.63		
3	QPSK	1	8	23.56	23.73	23.56	24.3	0
3	QPSK	1	14	23.52	23.67	23.48		
3	QPSK	8	0	22.65	22.76	22.68		
3	QPSK	8	4	22.67	22.67	22.54	23.3	1
3	QPSK	8	7	22.48	22.55	22.46		
3	QPSK	15	0	22.49	22.57	22.51		
3	16QAM	1	0	22.81	22.88	22.82		
3	16QAM	1	8	22.86	22.85	22.76	23.3	1
3	16QAM	1	14	22.62	22.70	22.67		
3	16QAM	8	0	21.58	21.64	21.65		
3	16QAM	8	4	21.58	21.77	21.53	22.3	2
3	16QAM	8	7	21.44	21.62	21.43		
3	16QAM	15	0	21.52	21.68	21.62		
3	64QAM	1	0	21.82	21.80	21.76		
3	64QAM	1	8	21.82	21.89	21.75	22.3	2
3	64QAM	1	14	21.54	21.64	21.52		
3	64QAM	8	0	20.46	20.60	20.55		
3	64QAM	8	4	20.60	20.60	20.58	21.3	3
3	64QAM	8	7	20.64	20.58	20.49		
3	64QAM	15	0	20.67	20.66	20.61		
3	256QAM	1	0	18.68	18.68	18.64		
3	256QAM	1	8	18.55	18.61	18.56	19.3	5
3	256QAM	1	14	18.63	18.58	18.61		
3	256QAM	8	0	18.66	18.51	18.57		
3	256QAM	8	4	18.47	18.66	18.53	19.3	5
3	256QAM	8	7	18.53	18.71	18.71		
3	256QAM	15	0	18.66	18.54	18.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.69	23.76	23.61		
1.4	QPSK	1	3	23.67	23.78	23.67		
1.4	QPSK	1	5	23.47	23.62	23.42	24.3	0
1.4	QPSK	3	0	23.56	23.76	23.74		
1.4	QPSK	3	1	23.61	23.73	23.63		
1.4	QPSK	3	3	23.42	23.53	23.47		
1.4	QPSK	6	0	22.47	22.68	22.50	23.3	1
1.4	16QAM	1	0	22.91	22.87	22.80		
1.4	16QAM	1	3	22.77	22.81	22.74		
1.4	16QAM	1	5	22.63	22.77	22.62	23.3	1
1.4	16QAM	3	0	22.90	22.74	22.74		
1.4	16QAM	3	1	22.72	22.76	22.70		
1.4	16QAM	3	3	22.56	22.71	22.58		
1.4	16QAM	6	0	21.54	21.67	21.53	22.3	2
1.4	64QAM	1	0	21.83	21.81	21.69		
1.4	64QAM	1	3	21.78	21.89	21.80		
1.4	64QAM	1	5	21.55	21.60	21.55	22.3	2
1.4	64QAM	3	0	21.72	21.75	21.66		
1.4	64QAM	3	1	21.71	21.74	21.72		
1.4	64QAM	3	3	21.44	21.47	21.48		
1.4	64QAM	6	0	20.58	20.61	20.58	21.3	3
1.4	256QAM	1	0	18.63	18.64	18.68		
1.4	256QAM	1	3	18.53	18.56	18.60		
1.4	256QAM	1	5	18.57	18.61	18.60	19.3	5
1.4	256QAM	3	0	18.57	18.52	18.61		
1.4	256QAM	3	1	18.47	18.64	18.50		
1.4	256QAM	3	3	18.62	18.60	18.61		
1.4	256QAM	6	0	18.70	18.62	18.57	19.3	5

Band 25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.26	22.34	22.29		
20	QPSK	1	49	22.17	22.27	22.25	22.8	0
20	QPSK	1	99	22.02	22.09	22.07		
20	QPSK	50	0	20.99	21.24	21.16		
20	QPSK	50	24	21.02	21.16	21.08	21.8	1
20	QPSK	50	50	20.96	21.09	21.08		
20	QPSK	100	0	21.09	21.11	21.00		
20	16QAM	1	0	21.34	21.41	21.31		
20	16QAM	1	49	21.40	21.41	21.28	21.8	1
20	16QAM	1	99	21.07	21.18	21.07		
20	16QAM	50	0	20.04	20.15	20.09		
20	16QAM	50	24	20.08	20.21	20.15	20.8	2
20	16QAM	50	50	20.06	20.12	20.09		
20	16QAM	100	0	20.14	20.16	20.04		
20	64QAM	1	0	20.35	20.30	20.33		
20	64QAM	1	49	20.35	20.36	20.28	20.8	2
20	64QAM	1	99	20.18	20.31	20.19		
20	64QAM	50	0	19.06	19.11	19.01		
20	64QAM	50	24	19.10	19.21	19.19	19.8	3
20	64QAM	50	50	19.04	19.09	19.00		
20	64QAM	100	0	19.05	19.18	19.10		
20	256QAM	1	0	16.89	17.03	17.03		
20	256QAM	1	49	16.96	16.99	16.93	17.8	5
20	256QAM	1	99	16.80	16.93	16.82		
20	256QAM	50	0	16.94	17.02	17.00		
20	256QAM	50	24	16.91	16.91	16.98	17.8	5
20	256QAM	50	50	16.88	16.95	16.89		
20	256QAM	100	0	16.93	16.89	16.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.12	22.19	22.21		
15	QPSK	1	37	22.09	22.17	22.12	22.8	0
15	QPSK	1	74	22.00	21.94	22.03		
15	QPSK	36	0	20.90	21.13	20.99		
15	QPSK	36	20	20.97	21.04	20.93	21.8	1
15	QPSK	36	39	20.86	21.02	21.01		
15	QPSK	75	0	21.05	20.99	20.85		
15	16QAM	1	0	21.26	21.38	21.26		
15	16QAM	1	37	21.26	21.29	21.16	21.8	1
15	16QAM	1	74	21.03	21.03	21.06		
15	16QAM	36	0	19.96	20.06	20.01		
15	16QAM	36	20	19.97	20.16	20.04	20.8	2
15	16QAM	36	39	20.04	20.02	19.94		
15	16QAM	75	0	20.10	20.04	19.97		
15	64QAM	1	0	20.18	20.36	20.23		
15	64QAM	1	37	20.20	20.31	20.26	20.8	2
15	64QAM	1	74	20.14	20.20	20.12		
15	64QAM	36	0	18.92	19.07	18.98		
15	64QAM	36	20	18.95	19.15	19.14	19.8	3
15	64QAM	36	39	18.94	18.98	18.90		
15	64QAM	75	0	18.98	19.05	18.96		
15	256QAM	1	0	16.74	16.98	16.92		
15	256QAM	1	37	16.82	16.97	16.93	17.8	5
15	256QAM	1	74	16.68	16.79	16.67		
15	256QAM	36	0	16.80	16.97	16.99		
15	256QAM	36	20	16.76	16.83	16.86	17.8	5
15	256QAM	36	39	16.84	16.82	16.85		
15	256QAM	75	0	16.78	16.78	16.74		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.23	22.20	22.20		
10	QPSK	1	25	22.10	22.21	22.22	22.8	0
10	QPSK	1	49	21.99	22.04	22.04		
10	QPSK	25	0	21.01	21.13	21.01		
10	QPSK	25	12	20.98	21.13	21.02	21.8	1
10	QPSK	25	25	20.84	21.00	21.07		
10	QPSK	50	0	21.07	20.98	20.98		
10	16QAM	1	0	21.23	21.39	21.24		
10	16QAM	1	25	21.35	21.33	21.24	21.8	1
10	16QAM	1	49	21.03	21.08	21.06		
10	16QAM	25	0	19.94	20.14	19.96		
10	16QAM	25	12	19.93	20.14	20.00	20.8	2
10	16QAM	25	25	20.03	19.97	20.03		
10	16QAM	50	0	20.13	20.11	20.01		
10	64QAM	1	0	20.31	20.26	20.20		
10	64QAM	1	25	20.30	20.21	20.19	20.8	2
10	64QAM	1	49	20.15	20.22	20.06		
10	64QAM	25	0	18.92	18.97	18.95		
10	64QAM	25	12	18.95	19.10	19.14	19.8	3
10	64QAM	25	25	18.98	18.98	18.90		
10	64QAM	50	0	18.98	19.08	18.96		
10	256QAM	1	0	16.85	17.00	16.96		
10	256QAM	1	25	16.87	16.84	16.87	17.8	5
10	256QAM	1	49	16.78	16.92	16.88		
10	256QAM	25	0	16.87	16.91	16.87		
10	256QAM	25	12	16.89	16.84	16.87	17.8	5
10	256QAM	25	25	16.86	16.88	16.83		
10	256QAM	50	0	16.89	16.74	16.84		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.20	22.26	22.25		
5	QPSK	1	12	22.14	22.13	22.16	22.8	0
5	QPSK	1	24	21.88	22.12	22.01		
5	QPSK	12	0	20.98	21.21	20.98		
5	QPSK	12	7	21.01	21.02	20.97	21.8	1
5	QPSK	12	13	20.86	21.00	20.98		
5	QPSK	25	0	20.96	21.07	20.90		
5	16QAM	1	0	21.29	21.28	21.19		
5	16QAM	1	12	21.33	21.39	21.16	21.8	1
5	16QAM	1	24	20.99	21.17	21.04		
5	16QAM	12	0	19.90	20.11	20.06		
5	16QAM	12	7	20.01	20.16	20.04	20.8	2
5	16QAM	12	13	19.98	20.03	20.08		
5	16QAM	25	0	20.02	20.06	19.93		
5	64QAM	1	0	20.23	20.35	20.32		
5	64QAM	1	12	20.21	20.25	20.17	20.8	2
5	64QAM	1	24	20.15	20.14	20.15		
5	64QAM	12	0	18.95	19.04	18.99		
5	64QAM	12	7	18.99	19.07	19.13	19.8	3
5	64QAM	12	13	19.00	19.03	18.87		
5	64QAM	25	0	18.94	19.09	19.03		
5	256QAM	1	0	16.77	17.01	16.91		
5	256QAM	1	12	16.90	16.92	16.80	17.8	5
5	256QAM	1	24	16.77	16.84	16.73		
5	256QAM	12	0	16.87	16.93	16.85		
5	256QAM	12	7	16.86	16.81	16.92	17.8	5
5	256QAM	12	13	16.84	16.86	16.84		
5	256QAM	25	0	16.81	16.76	16.77		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.13	22.20	22.23		
3	QPSK	1	8	22.07	22.13	22.14	22.8	0
3	QPSK	1	14	22.01	21.97	21.94		
3	QPSK	8	0	20.89	21.23	21.06		
3	QPSK	8	4	20.94	21.08	21.06	21.8	1
3	QPSK	8	7	20.94	21.04	21.05		
3	QPSK	15	0	20.95	21.02	20.99		
3	16QAM	1	0	21.29	21.36	21.26		
3	16QAM	1	8	21.25	21.29	21.23	21.8	1
3	16QAM	1	14	21.00	21.11	20.93		
3	16QAM	8	0	20.02	20.08	20.04		
3	16QAM	8	4	19.99	20.07	20.08	20.8	2
3	16QAM	8	7	19.95	19.97	20.06		
3	16QAM	15	0	20.04	20.13	19.94		
3	64QAM	1	0	20.25	20.20	20.19		
3	64QAM	1	8	20.21	20.32	20.17	20.8	2
3	64QAM	1	14	20.10	20.20	20.11		
3	64QAM	8	0	19.02	19.08	18.89		
3	64QAM	8	4	19.08	19.14	19.09	19.8	3
3	64QAM	8	7	18.93	18.95	18.96		
3	64QAM	15	0	18.93	19.12	18.97		
3	256QAM	1	0	16.79	16.95	16.87		
3	256QAM	1	8	16.81	16.95	16.86	17.8	5
3	256QAM	1	14	16.78	16.78	16.78		
3	256QAM	8	0	16.88	16.99	16.98		
3	256QAM	8	4	16.78	16.80	16.80	17.8	5
3	256QAM	8	7	16.86	16.92	16.77		
3	256QAM	15	0	16.79	16.84	16.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.24	22.27	22.16		
1.4	QPSK	1	3	22.04	22.23	22.19		
1.4	QPSK	1	5	21.90	21.95	22.02	22.8	0
1.4	QPSK	3	0	22.19	22.27	22.18		
1.4	QPSK	3	1	22.15	22.24	22.16		
1.4	QPSK	3	3	21.98	22.06	22.03		
1.4	QPSK	6	0	20.95	21.09	20.95	21.8	1
1.4	16QAM	1	0	21.22	21.31	21.23		
1.4	16QAM	1	3	21.35	21.32	21.24		
1.4	16QAM	1	5	21.03	21.17	20.99	21.8	1
1.4	16QAM	3	0	21.18	21.27	21.18		
1.4	16QAM	3	1	21.34	21.23	21.23		
1.4	16QAM	3	3	20.90	21.06	20.91		
1.4	16QAM	6	0	20.03	20.12	19.98	20.8	2
1.4	64QAM	1	0	20.26	20.31	20.23		
1.4	64QAM	1	3	20.33	20.25	20.18		
1.4	64QAM	1	5	20.04	20.18	20.10	20.8	2
1.4	64QAM	3	0	20.25	20.20	20.14		
1.4	64QAM	3	1	20.24	20.23	20.03		
1.4	64QAM	3	3	19.96	20.09	20.00		
1.4	64QAM	6	0	18.91	19.16	19.08	19.8	3
1.4	256QAM	1	0	16.82	16.96	16.95		
1.4	256QAM	1	3	16.66	16.96	16.82		
1.4	256QAM	1	5	16.66	16.80	16.79	17.8	5
1.4	256QAM	3	0	16.85	16.92	16.95		
1.4	256QAM	3	1	16.80	16.88	16.82		
1.4	256QAM	3	3	16.80	16.94	16.87		
1.4	256QAM	6	0	16.83	16.77	16.82	17.8	5

Band 25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.40	24.47	24.37		
20	QPSK	1	49	24.36	24.38	24.34	25	0
20	QPSK	1	99	24.36	24.38	24.26		
20	QPSK	50	0	23.26	23.36	23.27		
20	QPSK	50	24	23.21	23.33	23.25	24	1
20	QPSK	50	50	23.23	23.25	23.21		
20	QPSK	100	0	23.19	23.25	23.19		
20	16QAM	1	0	23.37	23.45	23.39		
20	16QAM	1	49	23.49	23.55	23.44	24	1

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26965	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.31	24.39	24.35		
15	QPSK	1	37	24.25	24.30	24.18	25	0
15	QPSK	1	74	24.11	24.19	24.05		
15	QPSK	36	0	23.27	23.30	23.21		
15	QPSK	36	20	23.11	23.25	23.17	24	1
15	QPSK	36	39	23.06	23.15	23.01		
15	QPSK	75	0	23.04	23.13	23.05		
15	16QAM	1	0	23.43	23.46	23.38		
15	16QAM	1	37	23.28	23.34	23.31	24	1
15	16QAM	1	74	23.24	23.31	23.26		
15	16QAM	36	0	22.08	22.27	22.18		
15	16QAM	36	20	22.23	22.28	22.23	23	2
15	16QAM	36	39	22.13	22.20	22.19		
15	16QAM	75	0	22.01	22.11	22.07		
15	64QAM	1	0	22.46	22.48	22.47		
15	64QAM	1	37	22.16	22.28	22.16	23	2
15	64QAM	1	74	22.16	22.29	22.16		
15	64QAM	36	0	21.16	21.22	21.15		
15	64QAM	36	20	21.15	21.27	21.25	22	3
15	64QAM	36	39	21.15	21.18	21.17		
15	64QAM	75	0	21.02	21.16	21.07		
15	256QAM	1	0	19.08	19.08	19.16		
15	256QAM	1	37	19.18	19.15	19.05	20	5
15	256QAM	1	74	19.23	19.13	19.22		
15	256QAM	36	0	19.14	19.09	19.11		
15	256QAM	36	20	19.23	19.17	19.14	20	5
15	256QAM	36	39	19.19	19.09	19.17		
15	256QAM	75	0	19.21	19.20	19.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.28	24.38	24.31		
10	QPSK	1	25	24.17	24.16	24.08	25	0
10	QPSK	1	49	24.02	24.06	23.90		
10	QPSK	25	0	23.20	23.22	23.15		
10	QPSK	25	12	23.08	23.13	23.04	24	1
10	QPSK	25	25	23.01	23.12	22.93		
10	QPSK	50	0	22.93	23.03	22.93		
10	16QAM	1	0	23.42	23.42	23.37		
10	16QAM	1	25	23.23	23.31	23.25	24	1
10	16QAM	1	49	23.11	23.22	23.13		
10	16QAM	25	0	22.06	22.17	22.05		
10	16QAM	25	12	22.14	22.22	22.13	23	2
10	16QAM	25	25	22.00	22.13	22.14		
10	16QAM	50	0	21.99	22.05	21.95		
10	64QAM	1	0	22.38	22.37	22.43		
10	64QAM	1	25	22.11	22.15	22.03	23	2
10	64QAM	1	49	22.12	22.15	22.11		
10	64QAM	25	0	21.15	21.15	21.05		
10	64QAM	25	12	21.04	21.17	21.23	22	3
10	64QAM	25	25	21.02	21.15	21.11		
10	64QAM	50	0	20.87	21.04	21.01		
10	256QAM	1	0	19.07	19.02	19.10		
10	256QAM	1	25	19.07	19.09	18.94	20	5
10	256QAM	1	49	19.19	19.01	19.14		
10	256QAM	25	0	19.02	18.94	19.05		
10	256QAM	25	12	19.15	19.02	19.09	20	5
10	256QAM	25	25	19.17	19.08	19.09		
10	256QAM	50	0	19.16	19.19	19.16		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.31	24.23		
5	QPSK	1	12	24.14	24.22	24.09	25	0
5	QPSK	1	24	24.07	24.10	23.90		
5	QPSK	12	0	23.23	23.29	23.20		
5	QPSK	12	7	23.04	23.15	23.10	24	1
5	QPSK	12	13	22.95	23.14	22.93		
5	QPSK	25	0	22.98	22.99	22.95		
5	16QAM	1	0	23.34	23.44	23.37		
5	16QAM	1	12	23.20	23.28	23.18	24	1
5	16QAM	1	24	23.20	23.30	23.18		
5	16QAM	12	0	21.99	22.19	22.14		
5	16QAM	12	7	22.20	22.14	22.15	23	2
5	16QAM	12	13	22.06	22.11	22.15		
5	16QAM	25	0	21.87	22.08	22.03		
5	64QAM	1	0	22.39	22.39	22.45		
5	64QAM	1	12	22.08	22.13	22.10	23	2
5	64QAM	1	24	22.12	22.22	22.09		
5	64QAM	12	0	21.09	21.17	21.05		
5	64QAM	12	7	21.05	21.21	21.11	22	3
5	64QAM	12	13	21.13	21.16	21.06		
5	64QAM	25	0	21.00	21.08	20.95		
5	256QAM	1	0	18.96	19.03	19.14		
5	256QAM	1	12	19.09	19.06	19.04	20	5
5	256QAM	1	24	19.12	19.12	19.17		
5	256QAM	12	0	19.13	19.02	18.98		
5	256QAM	12	7	19.12	19.03	19.01	20	5
5	256QAM	12	13	19.07	19.02	19.11		
5	256QAM	25	0	19.11	19.11	19.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.22	24.31	24.28		
3	QPSK	1	8	24.20	24.15	24.13	25	0
3	QPSK	1	14	24.03	24.14	23.98		
3	QPSK	8	0	23.22	23.25	23.13		
3	QPSK	8	4	22.96	23.13	23.05	24	1
3	QPSK	8	7	22.91	23.13	22.86		
3	QPSK	15	0	22.92	22.98	22.92		
3	16QAM	1	0	23.31	23.44	23.25		
3	16QAM	1	8	23.26	23.28	23.16	24	1
3	16QAM	1	14	23.09	23.16	23.16		
3	16QAM	8	0	22.01	22.10	22.04		
3	16QAM	8	4	22.21	22.26	22.22	23	2
3	16QAM	8	7	22.09	22.05	22.16		
3	16QAM	15	0	21.95	22.00	22.01		
3	64QAM	1	0	22.42	22.43	22.33		
3	64QAM	1	8	22.15	22.13	22.10	23	2
3	64QAM	1	14	22.02	22.28	22.06		
3	64QAM	8	0	21.01	21.17	21.04		
3	64QAM	8	4	21.09	21.24	21.16	22	3
3	64QAM	8	7	21.02	21.08	21.04		
3	64QAM	15	0	20.99	21.14	20.94		
3	256QAM	1	0	19.02	19.05	19.02		
3	256QAM	1	8	19.11	19.07	19.03	20	5
3	256QAM	1	14	19.11	19.03	19.15		
3	256QAM	8	0	18.99	19.06	19.03		
3	256QAM	8	4	19.12	19.09	19.03	20	5
3	256QAM	8	7	19.14	19.04	19.16		
3	256QAM	15	0	19.07	19.10	19.26		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.18	24.30	24.21		
1.4	QPSK	1	3	24.17	24.25	24.09		
1.4	QPSK	1	5	24.01	24.10	24.02	25	0
1.4	QPSK	3	0	24.16	24.26	24.27		
1.4	QPSK	3	1	24.16	24.17	24.13		
1.4	QPSK	3	3	24.07	24.05	23.96		
1.4	QPSK	6	0	22.90	23.07	22.94	24	1
1.4	16QAM	1	0	23.37	23.45	23.34		
1.4	16QAM	1	3	23.23	23.29	23.16		
1.4	16QAM	1	5	23.16	23.16	23.14	24	1
1.4	16QAM	3	0	23.12	23.42	23.24		
1.4	16QAM	3	1	23.14	23.23	23.12		
1.4	16QAM	3	3	23.15	23.14	23.01		
1.4	16QAM	6	0	21.96	22.01	21.92	23	2
1.4	64QAM	1	0	22.42	22.42	22.43		
1.4	64QAM	1	3	22.10	22.20	22.06		
1.4	64QAM	1	5	22.12	22.20	22.09	23	2
1.4	64QAM	3	0	22.37	22.37	22.36		
1.4	64QAM	3	1	22.05	22.17	21.98		
1.4	64QAM	3	3	22.02	22.06	22.07		
1.4	64QAM	6	0	20.97	21.02	20.92	22	3
1.4	256QAM	1	0	18.96	18.99	19.10		
1.4	256QAM	1	3	19.12	19.14	19.01		
1.4	256QAM	1	5	19.20	19.01	19.21	20	5
1.4	256QAM	3	0	19.11	18.96	18.96		
1.4	256QAM	3	1	19.11	19.08	19.05		
1.4	256QAM	3	3	19.13	19.07	19.13		
1.4	256QAM	6	0	19.14	19.14	19.19	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.46	23.50	23.49		
15	QPSK	1	37	23.37	23.45	23.39	24.1	0
15	QPSK	1	74	23.36	23.38	23.28		
15	QPSK	36	0	22.37	22.48	22.46		
15	QPSK	36	20	22.30	22.40	22.38		
15	QPSK	36	39	22.23	22.36	22.28	23.1	1
15	QPSK	75	0	22.34	22.42	22.34		
15	16QAM	1	0	22.59	22.62	22.55		
15	16QAM	1	37	22.61	22.66	22.58	23.1	1
15	16QAM	1	74	22.51	22.52	22.51		
15	16QAM	36	0	21.38	21.43	21.31		
15	16QAM	36	20	21.36	21.43	21.31	22.1	2
15	16QAM	36	39	21.34	21.36	21.25		
15	16QAM	75	0	21.19	21.34	21.26		
15	64QAM	1	0	21.33	21.43	21.32		
15	64QAM	1	37	21.46	21.50	21.45	22.1	2
15	64QAM	1	74	21.37	21.48	21.36		
15	64QAM	36	0	20.25	20.40	20.34		
15	64QAM	36	20	20.34	20.42	20.27		
15	64QAM	36	39	20.30	20.33	20.18	21.1	3
15	64QAM	75	0	20.21	20.35	20.25		
15	256QAM	1	0	18.13	18.13	18.10		
15	256QAM	1	37	18.25	18.21	18.29	19.1	5
15	256QAM	1	74	18.22	18.18	18.27		
15	256QAM	36	0	18.22	18.26	18.29		
15	256QAM	36	20	18.28	18.33	18.29	19.1	5
15	256QAM	36	39	18.28	18.24	18.19		
15	256QAM	75	0	18.36	18.23	18.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.34	23.45	23.38		
10	QPSK	1	25	23.23	23.43	23.35	24.1	0
10	QPSK	1	49	23.28	23.34	23.14		
10	QPSK	25	0	22.35	22.33	22.41		
10	QPSK	25	12	22.16	22.35	22.33	23.1	1
10	QPSK	25	25	22.17	22.24	22.27		
10	QPSK	50	0	22.32	22.34	22.21		
10	16QAM	1	0	22.58	22.50	22.48		
10	16QAM	1	25	22.54	22.63	22.45	23.1	1
10	16QAM	1	49	22.44	22.49	22.44		
10	16QAM	25	0	21.34	21.36	21.25		
10	16QAM	25	12	21.27	21.39	21.26	22.1	2
10	16QAM	25	25	21.33	21.22	21.23		
10	16QAM	50	0	21.16	21.31	21.23		
10	64QAM	1	0	21.25	21.34	21.20		
10	64QAM	1	25	21.39	21.45	21.41	22.1	2
10	64QAM	1	49	21.33	21.33	21.31		
10	64QAM	25	0	20.10	20.37	20.28		
10	64QAM	25	12	20.32	20.32	20.20	21.1	3
10	64QAM	25	25	20.29	20.29	20.09		
10	64QAM	50	0	20.18	20.29	20.17		
10	256QAM	1	0	18.11	18.02	18.04		
10	256QAM	1	25	18.15	18.12	18.25	19.1	5
10	256QAM	1	49	18.13	18.09	18.23		
10	256QAM	25	0	18.09	18.13	18.14		
10	256QAM	25	12	18.15	18.24	18.19	19.1	5
10	256QAM	25	25	18.26	18.13	18.15		
10	256QAM	50	0	18.29	18.15	18.17		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.45	23.46	23.42		
5	QPSK	1	12	23.35	23.42	23.36	24.1	0
5	QPSK	1	24	23.30	23.26	23.14		
5	QPSK	12	0	22.25	22.36	22.31		
5	QPSK	12	7	22.22	22.27	22.28	23.1	1
5	QPSK	12	13	22.10	22.29	22.26		
5	QPSK	25	0	22.33	22.38	22.19		
5	16QAM	1	0	22.48	22.61	22.45		
5	16QAM	1	12	22.52	22.58	22.56	23.1	1
5	16QAM	1	24	22.39	22.49	22.39		
5	16QAM	12	0	21.27	21.35	21.29		
5	16QAM	12	7	21.33	21.42	21.28	22.1	2
5	16QAM	12	13	21.24	21.29	21.24		
5	16QAM	25	0	21.18	21.32	21.24		
5	64QAM	1	0	21.32	21.39	21.22		
5	64QAM	1	12	21.36	21.44	21.42	22.1	2
5	64QAM	1	24	21.26	21.46	21.21		
5	64QAM	12	0	20.17	20.33	20.29		
5	64QAM	12	7	20.23	20.41	20.12	21.1	3
5	64QAM	12	13	20.15	20.30	20.07		
5	64QAM	25	0	20.07	20.32	20.10		
5	256QAM	1	0	18.10	18.00	17.99		
5	256QAM	1	12	18.19	18.17	18.23	19.1	5
5	256QAM	1	24	18.18	18.06	18.18		
5	256QAM	12	0	18.18	18.21	18.27		
5	256QAM	12	7	18.19	18.27	18.20	19.1	5
5	256QAM	12	13	18.23	18.12	18.17		
5	256QAM	25	0	18.35	18.13	18.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.43	23.49	23.41		
3	QPSK	1	8	23.22	23.40	23.37	24.1	0
3	QPSK	1	14	23.29	23.37	23.24		
3	QPSK	8	0	22.29	22.45	22.35		
3	QPSK	8	4	22.21	22.32	22.37	23.1	1
3	QPSK	8	7	22.08	22.26	22.15		
3	QPSK	15	0	22.33	22.30	22.23		
3	16QAM	1	0	22.56	22.51	22.54		
3	16QAM	1	8	22.47	22.55	22.57	23.1	1
3	16QAM	1	14	22.38	22.40	22.43		
3	16QAM	8	0	21.26	21.32	21.30		
3	16QAM	8	4	21.27	21.32	21.16	22.1	2
3	16QAM	8	7	21.31	21.28	21.22		
3	16QAM	15	0	21.11	21.20	21.18		
3	64QAM	1	0	21.19	21.39	21.22		
3	64QAM	1	8	21.39	21.45	21.35	22.1	2
3	64QAM	1	14	21.31	21.40	21.22		
3	64QAM	8	0	20.15	20.26	20.20		
3	64QAM	8	4	20.31	20.30	20.13	21.1	3
3	64QAM	8	7	20.23	20.30	20.06		
3	64QAM	15	0	20.09	20.26	20.13		
3	256QAM	1	0	17.99	18.12	17.96		
3	256QAM	1	8	18.11	18.11	18.20	19.1	5
3	256QAM	1	14	18.18	18.08	18.16		
3	256QAM	8	0	18.17	18.19	18.15		
3	256QAM	8	4	18.20	18.29	18.25	19.1	5
3	256QAM	8	7	18.14	18.09	18.12		
3	256QAM	15	0	18.23	18.16	18.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.35	23.39	23.48		
1.4	QPSK	1	3	23.33	23.37	23.36		
1.4	QPSK	1	5	23.28	23.28	23.24	24.1	0
1.4	QPSK	3	0	23.25	23.25	23.37		
1.4	QPSK	3	1	23.21	23.28	23.27		
1.4	QPSK	3	3	23.15	23.17	23.14		
1.4	QPSK	6	0	22.28	22.31	22.22	23.1	1
1.4	16QAM	1	0	22.52	22.51	22.47		
1.4	16QAM	1	3	22.51	22.57	22.45		
1.4	16QAM	1	5	22.48	22.37	22.48	23.1	1
1.4	16QAM	3	0	22.49	22.48	22.37		
1.4	16QAM	3	1	22.49	22.49	22.34		
1.4	16QAM	3	3	22.42	22.28	22.41		
1.4	16QAM	6	0	21.07	21.23	21.27	22.1	2
1.4	64QAM	1	0	21.27	21.31	21.28		
1.4	64QAM	1	3	21.37	21.35	21.37		
1.4	64QAM	1	5	21.29	21.35	21.30	22.1	2
1.4	64QAM	3	0	21.18	21.24	21.14		
1.4	64QAM	3	1	21.34	21.23	21.26		
1.4	64QAM	3	3	21.25	21.25	21.17		
1.4	64QAM	6	0	20.13	20.26	20.15	21.1	3
1.4	256QAM	1	0	18.00	18.03	18.00		
1.4	256QAM	1	3	18.19	18.13	18.19		
1.4	256QAM	1	5	18.14	18.14	18.14	19.1	5
1.4	256QAM	3	0	18.18	18.23	18.17		
1.4	256QAM	3	1	18.25	18.28	18.19		
1.4	256QAM	3	3	18.25	18.23	18.08		
1.4	256QAM	6	0	18.25	18.13	18.16	19.1	5

Band 30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.63			
10	QPSK	1	25		23.60		24.3	0
10	QPSK	1	49		23.51			
10	QPSK	25	0		22.58			
10	QPSK	25	12		22.53		23.3	1
10	QPSK	25	25		22.47			
10	QPSK	50	0		22.56			
10	16QAM	1	0		22.81			
10	16QAM	1	25		22.79		23.3	1
10	16QAM	1	49		22.76			
10	16QAM	25	0		21.55			
10	16QAM	25	12		21.59		22.3	2
10	16QAM	25	25		21.51			
10	16QAM	50	0		21.51			
10	64QAM	1	0		21.79			
10	64QAM	1	25		21.84		22.3	2
10	64QAM	1	49		21.68			
10	64QAM	25	0		20.50			
10	64QAM	25	12		20.54		21.3	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.50			
10	256QAM	1	0		18.31			
10	256QAM	1	25		18.24		19.3	5
10	256QAM	1	49		18.16			
10	256QAM	25	0		18.27			
10	256QAM	25	12		18.27		19.3	5
10	256QAM	25	25		18.27			
10	256QAM	50	0		18.26			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.54	23.48	23.56		
5	QPSK	1	12	23.52	23.56	23.57	24.3	0
5	QPSK	1	24	23.37	23.37	23.50		
5	QPSK	12	0	22.57	22.53	22.46		
5	QPSK	12	7	22.44	22.47	22.50	23.3	1
5	QPSK	12	13	22.32	22.35	22.45		
5	QPSK	25	0	21.32	21.38	21.31		
5	16QAM	1	0	22.80	22.68	22.73		
5	16QAM	1	12	22.70	22.76	22.72	23.3	1
5	16QAM	1	24	22.63	22.68	22.65		
5	16QAM	12	0	21.48	21.43	21.44		
5	16QAM	12	7	21.44	21.51	21.53	22.3	2
5	16QAM	12	13	21.42	21.50	21.46		
5	16QAM	25	0	21.42	21.43	21.45		
5	64QAM	1	0	21.78	21.65	21.72		
5	64QAM	1	12	21.69	21.79	21.82	22.3	2
5	64QAM	1	24	21.67	21.60	21.53		
5	64QAM	12	0	20.36	20.43	20.37		
5	64QAM	12	7	20.53	20.39	20.46	21.3	3
5	64QAM	12	13	20.37	20.49	20.47		
5	64QAM	25	0	20.49	20.38	20.48		
5	256QAM	1	0	18.26	18.19	18.30		
5	256QAM	1	12	18.20	18.19	18.22	19.3	5
5	256QAM	1	24	18.07	18.03	18.10		
5	256QAM	12	0	18.20	18.14	18.19		
5	256QAM	12	7	18.21	18.20	18.13	19.3	5
5	256QAM	12	13	18.17	18.17	18.26		
5	256QAM	25	0	18.15	18.14	18.17		

Band 30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.93			
10	QPSK	1	25		21.89		22.6	0
10	QPSK	1	49		21.77			
10	QPSK	25	0		20.82			
10	QPSK	25	12		20.79		21.6	1
10	QPSK	25	25		20.78			
10	QPSK	50	0		20.75			
10	16QAM	1	0		21.24			
10	16QAM	1	25		21.06		21.6	1
10	16QAM	1	49		20.96			
10	16QAM	25	0		19.84			
10	16QAM	25	12		19.85		20.6	2
10	16QAM	25	25		19.79			
10	16QAM	50	0		19.77			
10	64QAM	1	0		19.98			
10	64QAM	1	25		19.99		20.6	2
10	64QAM	1	49		19.87			
10	64QAM	25	0		18.81			
10	64QAM	25	12		18.84		19.6	3
10	64QAM	25	25		18.82			
10	64QAM	50	0

Band 66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.41	24.50	24.45		
20	QPSK	1	49	24.38	24.45	24.40	25	0
20	QPSK	1	99	24.21	24.22	24.10		
20	QPSK	50	0	23.50	23.58	23.50		
20	QPSK	50	24	23.45	23.50	23.47	24	1
20	QPSK	50	50	23.34	23.46	23.32		
20	QPSK	100	0	23.36	23.48	23.33		
20	16QAM	1	0	23.72	23.83	23.79		
20	16QAM	1	49	23.68	23.80	23.75	24	1
20	16QAM	1	99	23.51	23.59	23.55		
20	16QAM	50	0	22.38	22.48	22.38		
20	16QAM	50	24	22.46	22.55	22.44	23	2
20	16QAM	50	50	22.49	22.50	22.45		
20	16QAM	100	0	22.49	22.53	22.49		
20	64QAM	1	0	22.52	22.65	22.51		
20	64QAM	1	49	22.68	22.77	22.63	23	2
20	64QAM	1	99	22.55	22.56	22.54		
20	64QAM	50	0	21.42	21.46	21.38		
20	64QAM	50	24	21.50	21.56	21.49	22	3
20	64QAM	50	50	21.43	21.46	21.33		
20	64QAM	100	0	21.46	21.51	21.45		
20	256QAM	1	0	19.12	19.22	19.20		
20	256QAM	1	49	19.07	19.12	19.10	20	5
20	256QAM	1	99	19.18	19.20	19.18		
20	256QAM	50	0	19.18	19.21	19.12		
20	256QAM	50	24	18.94	19.09	18.96	20	5
20	256QAM	50	50	18.99	19.14	19.07		
20	256QAM	100	0	19.06	19.14	19.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.29	24.41	24.41		
15	QPSK	1	37	24.29	24.39	24.29	25	0
15	QPSK	1	74	24.17	24.16	23.98		
15	QPSK	36	0	23.44	23.47	23.46		
15	QPSK	36	20	23.38	23.32	23.32	24	1
15	QPSK	36	39	23.24	23.31	23.30		
15	QPSK	75	0	23.26	23.44	23.28		
15	16QAM	1	0	23.67	23.74	23.77		
15	16QAM	1	37	23.67	23.77	23.67	24	1
15	16QAM	1	74	23.39	23.58	23.52		
15	16QAM	36	0	22.31	22.38	22.32		
15	16QAM	36	20	22.32	22.34	22.34	23	2
15	16QAM	36	39	22.44	22.36	22.39		
15	16QAM	75	0	22.48	22.42	22.46		
15	64QAM	1	0	22.43	22.62	22.39		
15	64QAM	1	37	22.50	22.71	22.59	23	2
15	64QAM	1	74	22.40	22.45	22.39		
15	64QAM	36	0	21.33	21.34	21.28		
15	64QAM	36	20	21.44	21.42	21.42	22	3
15	64QAM	36	39	21.42	21.18	21.35		
15	64QAM	75	0	21.33	21.40	21.38		
15	256QAM	1	0	19.10	19.13	19.09		
15	256QAM	1	37	18.99	19.05	19.02	20	5
15	256QAM	1	74	19.09	19.16	19.05		
15	256QAM	36	0	19.13	19.13	19.04		
15	256QAM	36	20	18.84	18.94	18.90	20	5
15	256QAM	36	39	18.98	19.03	18.97		
15	256QAM	75	0	18.94	19.01	18.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.36	24.41	24.41		
10	QPSK	1	25	24.30	24.31	24.29	25	0
10	QPSK	1	49	24.06	24.07	24.04		
10	QPSK	25	0	23.35	23.47	23.49		
10	QPSK	25	12	23.41	23.42	23.40	24	1
10	QPSK	25	25	23.30	23.33	23.26		
10	QPSK	50	0	23.21	23.44	23.21		
10	16QAM	1	0	23.59	23.79	23.75		
10	16QAM	1	25	23.54	23.73	23.63	24	1
10	16QAM	1	49	23.46	23.49	23.51		
10	16QAM	25	0	22.33	22.33	22.35		
10	16QAM	25	12	22.32	22.48	22.40	23	2
10	16QAM	25	25	22.42	22.43	22.43		
10	16QAM	50	0	22.41	22.47	22.34		
10	64QAM	1	0	22.48	22.63	22.42		
10	64QAM	1	25	22.65	22.71	22.58	23	2
10	64QAM	1	49	22.41	22.44	22.49		
10	64QAM	25	0	21.36	21.44	21.24		
10	64QAM	25	12	21.44	21.53	21.46	22	3
10	64QAM	25	25	21.34	21.34	21.32		
10	64QAM	50	0	21.44	21.39	21.42		
10	256QAM	1	0	19.03	19.20	19.13		
10	256QAM	1	25	18.94	19.00	18.99	20	5
10	256QAM	1	49	19.17	19.08	19.07		
10	256QAM	25	0	19.10	19.17	19.05		
10	256QAM	25	12	18.80	18.96	18.81	20	5
10	256QAM	25	25	18.86	19.09	19.00		
10	256QAM	50	0	19.05	19.12	18.94		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.33	24.35	24.37		
5	QPSK	1	12	24.26	24.42	24.37	25	0
5	QPSK	1	24	24.12	24.09	24.01		
5	QPSK	12	0	23.46	23.47	23.37		
5	QPSK	12	7	23.37	23.35	23.40	24	1
5	QPSK	12	13	23.22	23.31	23.17		
5	QPSK	25	0	23.32	23.41	23.28		
5	16QAM	1	0	23.68	23.68	23.67		
5	16QAM	1	12	23.61	23.67	23.60	24	1
5	16QAM	1	24	23.36	23.58	23.48		
5	16QAM	12	0	22.31	22.46	22.37		
5	16QAM	12	7	22.36	22.53	22.30	23	2
5	16QAM	12	13	22.44	22.41	22.40		
5	16QAM	25	0	22.39	22.42	22.46		
5	64QAM	1	0	22.39	22.55	22.48		
5	64QAM	1	12	22.58	22.73	22.53	23	2
5	64QAM	1	24	22.52	22.45	22.41		
5	64QAM	12	0	21.37	21.36	21.28		
5	64QAM	12	7	21.37	21.50	21.42	22	3
5	64QAM	12	13	21.32	21.32	21.25		
5	64QAM	25	0	21.45	21.47	21.38		
5	256QAM	1	0	19.06	19.14	19.11		
5	256QAM	1	12	18.97	19.00	19.06	20	5
5	256QAM	1	24	19.06	19.07	19.06		
5	256QAM	12	0	19.10	19.11	19.00		
5	256QAM	12	7	18.83	18.94	18.85	20	5
5	256QAM	12	13	18.90	19.04	18.96		
5	256QAM	25	0	18.92	19.08	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.49	24.34		
3	QPSK	1	8	24.26	24.35	24.33	25	0
3	QPSK	1	14	24.16	24.16	23.98		
3	QPSK	8	0	23.43	23.52	23.36		
3	QPSK	8	4	23.37	23.35	23.41	24	1
3	QPSK	8	7	23.28	23.34	23.24		
3	QPSK	15	0	23.23	23.34	23.25		
3	16QAM	1	0	23.71	23.74	23.70		
3	16QAM	1	8	23.53	23.69	23.66	24	1
3	16QAM	1	14	23.36	23.50	23.46		
3	16QAM	8	0	22.23	22.43	22.36		
3	16QAM	8	4	22.31	22.48	22.38	23	2
3	16QAM	8	7	22.38	22.41	22.35		
3	16QAM	15	0	22.35	22.40	22.37		
3	64QAM	1	0	22.38	22.42	22.39		
3	64QAM	1	8	22.64	22.72	22.54	23	2
3	64QAM	1	14	22.43	22.41	22.40		
3	64QAM	8	0	21.36	21.35	21.33		
3	64QAM	8	4	21.36	21.41	21.47	22	3
3	64QAM	8	7	21.39	21.37	21.28		
3	64QAM	15	0	21.33	21.48	21.43		
3	256QAM	1	0	18.98	19.18	19.15		
3	256QAM	1	8	18.96	19.08	18.97	20	5
3	256QAM	1	14	19.13	19.06	19.12		
3	256QAM	8	0	19.07	19.10	19.08		
3	256QAM	8	4	18.86	19.02	18.86	20	5
3	256QAM	8	7	18.84	19.05	19.01		
3	256QAM	15	0	18.97	19.05	18.97		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.31	24.37	24.37		
1.4	QPSK	1	3	24.27	24.42	24.26		
1.4	QPSK	1	5	24.07	24.17	24.01	25	0
1.4	QPSK	3	0	24.28	24.38	24.32		
1.4	QPSK	3	1	24.33	24.31	24.32		
1.4	QPSK	3	3	24.18	24.18	24.07		
1.4	QPSK	6	0	23.26	23.47	23.25	24	1
1.4	16QAM	1	0	23.67	23.75	23.70		
1.4	16QAM	1	3	23.62	23.73	23.64		
1.4	16QAM	1	5	23.44	23.52	23.47	24	1
1.4	16QAM	3	0	23.56	23.72	23.67		
1.4	16QAM	3	1	23.60	23.64	23.54		
1.4	16QAM	3	3	23.39	23.38	23.42		
1.4	16QAM	6	0	22.41	22.52	22.35	23	2
1.4	64QAM	1	0	22.40	22.50	22.39		
1.4	64QAM	1	3	22.57	22.73	22.60		
1.4	64QAM	1	5	22.54	22.50	22.44	23	2
1.4	64QAM	3	0	22.37	22.36	22.29		
1.4	64QAM	3	1	22.44	22.70	22.54		
1.4	64QAM	3	3	22.42	22.41	22.42		
1.4	64QAM	6	0	21.40	21.36	21.32	22	3
1.4	256QAM	1	0	18.98	19.18	19.14		
1.4	256QAM	1	3	19.05	18.98	19.02		
1.4	256QAM	1	5	19.03	19.05	19.15	20	5
1.4	256QAM	3	0	19.07	19.13	19.05		
1.4	256QAM	3	1	18.91	18.95	18.95		
1.4	256QAM	3	3	18.91	19.12	19.03		
1.4	256QAM	6	0	19.04	19.06	18.97	20	5

Band 66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.89	23.03	22.96		
20	QPSK	1	49	22.84	22.93	22.80	23.5	0
20	QPSK	1	99	22.74	22.78	22.68		
20	QPSK	50	0	21.97	22.04	21.96		
20	QPSK	50	24	21.88	21.93	21.87	22.5	1
20	QPSK	50	50	21.71	21.86	21.75		
20	QPSK	100	0	21.73	21.85	21.72		
20	16QAM	1	0	21.97	22.10	22.08		
20	16QAM	1	49	22.02	22.15	22.11	22.5	1
20	16QAM	1	99	21.79	21.90	21.77		
20	16QAM	50	0	20.76	20.84	20.69		
20	16QAM	50	24	20.80	20.90	20.79	21.5	2
20	16QAM	50	50	20.76	20.83	20.77		
20	16QAM	100	0	20.74	20.85	20.81		
20	64QAM	1	0	20.90	20.98	20.94		
20	64QAM	1	49	21.02	21.12	21.11	21.5	2
20	64QAM	1	99	20.78	20.90	20.89		
20	64QAM	50	0	19.70	19.84	19.77		
20	64QAM	50	24	19.77	19.91	19.90	20.5	3
20	64QAM	50	50	18.70	18.83	18.69		
20	64QAM	100	0	19.71	19.86	19.80		
20	256QAM	1	0	17.62	17.66	17.60		
20	256QAM	1	49	17.56	17.66	17.63	18.5	5
20	256QAM	1	99	17.60	17.70	17.67		
20	256QAM	50	0	17.49	17.57	17.54		
20	256QAM	50	24	17.51	17.58	17.54	18.5	5
20	256QAM	50	50	17.52	17.57	17.49		
20	256QAM	100	0	17.56	17.71	17.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	23.00	22.91		
15	QPSK	1	37	22.80	22.90	22.65	23.5	0
15	QPSK	1	74	22.68	22.70	22.56		
15	QPSK	36	0	21.94	21.99	21.87		
15	QPSK	36	20	21.94	21.84	21.76	22.5	1
15	QPSK	36	39	21.56	21.72	21.69		
15	QPSK	75	0	21.59	21.77	21.61		
15	16QAM	1	0	21.85	22.02	22.03		
15	16QAM	1	37	21.93	22.06	22.03	22.5	1
15	16QAM	1	74	21.75	21.87	21.72		
15	16QAM	36	0	20.63	20.83	20.56		
15	16QAM	36	20	20.76	20.88	20.71	21.5	2
15	16QAM	36	39	20.69	20.76	20.75		
15	64QAM	1	0	20.61	20.70	20.66		
15	64QAM	1	0	20.82	20.91	20.89		
15	64QAM	1	37	20.91	21.04	20.94	21.5	2
15	64QAM	1	74	20.70	20.88	20.81		
15	64QAM	36	0	19.67	19.81	19.70		
15	64QAM	36	20	19.70	19.89	19.86	20.5	3
15	64QAM	36	39	18.65	18.78	18.57		
15	64QAM	75	0	19.56	19.82	19.77		
15	256QAM	1	0	17.48	17.55	17.49		
15	256QAM	1	37	17.44	17.56	17.52	18.5	5
15	256QAM	1	74	17.50	17.64	17.64		
15	256QAM	36	0	17.40	17.53	17.52		
15	256QAM	36	20	17.40	17.47	17.32	18.5	5
15	256QAM	36	39	17.38	17.41	17.35		
15	256QAM	75	0	17.51	17.62	17.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.81	22.83	22.92		
10	QPSK	1	25	22.72	22.82	22.66	23.5	0
10	QPSK	1	49	22.61	22.65	22.62		
10	QPSK	25	0	21.83	22.03	21.95		
10	QPSK	25	12	21.84	21.90	21.79	22.5	1
10	QPSK	25	25	21.60	21.84	21.71		
10	QPSK	50	0	21.62	21.74	21.70		
10	16QAM	1	0	21.82	22.09	22.07		
10	16QAM	1	25	21.89	22.04	21.96	22.5	1
10	16QAM	1	49	21.65	21.81	21.63		
10	16QAM	25	0	20.63	20.71	20.60		
10	16QAM	25	12	20.71	20.85	20.64	21.5	2
10	16QAM	25	25	20.68	20.74	20.75		
10	64QAM	50	0	20.63	20.75	20.73		
10	64QAM	1	0	20.88	20.84	20.91		
10	64QAM	1	25	20.96	21.10	21.02	21.5	2
10	64QAM	1	49	20.72	20.82	20.85		
10	64QAM	25	0	19.65	19.80	19.73		
10	64QAM	25	12	19.67	19.88	19.75	20.5	3
10	64QAM	25	25	18.58	18.70	18.54		
10	64QAM	50	0	19.58	19.76	19.74		
10	256QAM	1	0	17.55	17.65	17.56		
10	256QAM	1	25	17.51	17.60	17.54	18.5	5
10	256QAM	1	49	17.54	17.58	17.65		
10	256QAM	25	0	17.48	17.45	17.52		
10	256QAM	25	12	17.45	17.46	17.35	18.5	5
10	256QAM	25	25	17.41	17.54	17.39		
10	256QAM	50	0	17.48	17.46	17.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.80	22.99	22.88		
5	QPSK	1	12	22.83	22.88	22.78	23.5	0
5	QPSK	1	24	22.69	22.72	22.54		
5	QPSK	12	0	21.95	21.91	21.95		
5	QPSK	12	7	21.79	21.80	21.83	22.5	1
5	QPSK	12	13	21.59	21.79	21.74		
5	QPSK	25	0	21.62	21.80	21.61		
5	16QAM	1	0	21.94	22.08	21.97		
5	16QAM	1	12	21.89	22.05	22.04	22.5	1
5	16QAM	1	24	21.64	21.82	21.70		
5	16QAM	12	0	20.66	20.71	20.60		
5	16QAM	12	7	20.74	20.84	20.77	21.5	2
5	16QAM	12	13	20.65	20.69	20.67		
5	16QAM	25	0	20.82	20.82	20.71		
5	64QAM	1	0	20.83	20.92	20.87		
5	64QAM	1	12	21.01	21.04	21.02	21.5	2
5	64QAM	1	24	20.72	20.80	20.81		
5	64QAM	12	0	19.58	19.70	19.74		
5	64QAM	12	7	19.74	19.81	19.83	20.5	3
5	64QAM	12	13	18.67	18.73	18.54		
5	64QAM	25	0	19.61	19.81	19.77		
5	256QAM	1	0	17.54	17.66	17.57		
5	256QAM	1	12	17.50	17.56	17.59	18.5	5
5	256QAM	1	24	17.55	17.56	17.52		
5	256QAM	12	0	17.46	17.43	17.47		
5	256QAM	12	7	17.42	17.48	17.29	18.5	5
5	256QAM	12	13	17.42	17.47	17.34		
5	256QAM	25	0	17.51	17.52	17.48		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.76	22.99	22.94		
3	QPSK	1	8	22.69	22.83	22.77	23.5	0
3	QPSK	1	14	22.69	22.72	22.54		
3	QPSK	8	0	21.86	21.98	21.82		
3	QPSK	8	4	21.83	21.80	21.82	22.5	1
3	QPSK	8	7	21.63	21.80	21.65		
3	QPSK	15	0	21.64	21.74	21.61		
3	16QAM	1	0	21.85	21.96	21.95		
3	16QAM	1	8	21.92	22.14	22.09	22.5	1
3	16QAM	1	14	21.65	21.84	21.71		
3	16QAM	8	0	20.61	20.68	20.57		
3	16QAM	8	4	20.67	20.86	20.74	21.5	2
3	16QAM	8	7	20.67	20.70	20.65		
3	16QAM	15	0	20.70	20.70	20.80		
3	64QAM	1	0	20.82	20.87	20.81		
3	64QAM	1	8	20.88	21.09	21.02	21.5	2
3	64QAM	1	14	20.70	20.80	20.80		
3	64QAM	8	0	19.59	19.74	19.67		
3	64QAM	8	4	19.64	19.85	19.76	20.5	3
3	64QAM	8	7	18.63	18.68	18.64		
3	64QAM	15	0	19.56	19.83	19.76		
3	256QAM	1	0	17.58	17.65	17.55		
3	256QAM	1	8	17.49	17.62	17.48	18.5	5
3	256QAM	1	14	17.48	17.55	17.65		
3	256QAM	8	0	17.45	17.54	17.43		
3	256QAM	8	4	17.38	17.54	17.29	18.5	5
3	256QAM	8	7	17.45	17.47	17.46		
3	256QAM	15	0	17.43	17.69	17.64		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.85	23.01	22.86		
1.4	QPSK	1	3	22.78	22.82	22.65		
1.4	QPSK	1	5	22.61	22.77	22.53	23.5	0
1.4	QPSK	3	0	22.79	22.94	22.82		
1.4	QPSK	3	1	22.72	22.82	22.78		
1.4	QPSK	3	3	22.72	22.70	22.62		
1.4	QPSK	6	0	21.65	21.71	21.60	22.5	1
1.4	16QAM	1	0	21.92	22.04	22.02		
1.4	16QAM	1	3	21.94	22.09	22.00		
1.4	16QAM	1	5	21.77	21.79	21.66	22.5	1
1.4	16QAM	3	0	21.87	21.96	21.92		
1.4	16QAM	3	1	21.87	21.99	21.97		
1.4	16QAM	3	3	21.73	21.67	21.64		
1.4	16QAM	6	0	20.67	20.72	20.78	21.5	2
1.4	64QAM	1	0	20.75	20.94	20.91		
1.4	64QAM	1	3	20.93	21.08	21.06		
1.4	64QAM	1	5	20.66	20.75	20.77	21.5	2
1.4	64QAM	3	0	20.68	20.82	20.88		
1.4	64QAM	3	1	20.79	21.06	21.04		
1.4	64QAM	3	3	20.60	20.73	20.66		
1.4	64QAM	6	0	19.60	19.80	19.73	20.5	3
1.4	256QAM	1	0	17.56	17.57	17.57		
1.4	256QAM	1	3	17.46	17.59	17.61		
1.4	256QAM	1	5	17.52	17.60	17.58	18.5	5
1.4	256QAM	3	0	17.38	17.56	17.41		
1.4	256QAM	3	1	17.47	17.47	17.37		
1.4	256QAM	3	3	17.39	17.45	17.35		
1.4	256QAM	6	0	17.55	17.61	17.56	18.5	5

Band 66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.54	24.66	24.62		
20	QPSK	1	49	24.48	24.61	24.56	25	0
20	QPSK	1	99	24.41	24.43	24.38		
20	QPSK	50	0	23.46	23.53	23.47		
20	QPSK	50	24	23.43	23.49	23.34	24	1
20	QPSK	50	50	23.45	23.50	23.35		
20	QPSK	100	0	23.30	23.44	23.42		
20	16QAM	1	0	23.66	23.81	23.76		
20	16QAM	1	49	23.71	23.85	23.82	24	1
20	16QAM	1	99	23.61	23.66	23.60		
20	16QAM	50	0	22.42	22.55	22.43		
20	16QAM	50	24

Band 71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.16	24.18	24.06		
20	QPSK	1	49	24.00	24.05	24.02	24.3	0
20	QPSK	1	99	23.93	24.01	23.99		
20	QPSK	50	0	22.85	22.87	22.82		
20	QPSK	50	24	22.69	22.81	22.72	23.3	1
20	QPSK	50	50	22.63	22.76	22.62		
20	QPSK	100	0	22.63	22.77	22.70		
20	16QAM	1	0	22.81	22.96	22.81		
20	16QAM	1	49	23.01	23.09	23.02	23.3	1
20	16QAM	1	99	22.54	22.63	22.51		
20	16QAM	50	0	21.74	21.82	21.69		
20	16QAM	50	24	21.74	21.87	21.72	22.3	2
20	16QAM	50	50	21.81	21.91	21.78		
20	16QAM	100	0	21.68	21.77	21.74		
20	64QAM	1	0	21.97	22.10	22.05		
20	64QAM	1	49	21.76	21.90	21.76	22.3	2
20	64QAM	1	99	22.12	22.15	22.14		
20	64QAM	50	0	20.70	20.72	20.71		
20	64QAM	50	24	20.74	20.88	20.84	21.3	3
20	64QAM	50	50	20.73	20.81	20.68		
20	64QAM	100	0	20.64	20.72	20.64		
20	256QAM	1	0	18.74	18.84	18.78		
20	256QAM	1	49	18.70	18.72	18.60	19.3	5
20	256QAM	1	99	18.65	18.74	18.66		
20	256QAM	50	0	18.65	18.74	18.65		
20	256QAM	50	24	18.65	18.76	18.66	19.3	5
20	256QAM	50	50	18.66	18.77	18.72		
20	256QAM	100	0	18.67	18.78	18.70		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.08	24.08	23.96		
15	QPSK	1	37	23.94	23.92	23.98	24.3	0
15	QPSK	1	74	23.92	23.96	23.90		
15	QPSK	36	0	22.74	22.85	22.79		
15	QPSK	36	20	22.55	22.79	22.68	23.3	1
15	QPSK	36	39	22.58	22.61	22.48		
15	QPSK	75	0	22.48	22.73	22.62		
15	16QAM	1	0	22.69	22.92	22.78		
15	16QAM	1	37	22.90	23.08	22.92	23.3	1
15	16QAM	1	74	22.45	22.50	22.40		
15	16QAM	36	0	21.63	21.81	21.61		
15	16QAM	36	20	21.60	21.80	21.62	22.3	2
15	16QAM	36	39	21.76	21.88	21.71		
15	16QAM	75	0	21.62	21.74	21.62		
15	64QAM	1	0	21.94	22.04	22.03		
15	64QAM	1	37	21.64	21.76	21.75	22.3	2
15	64QAM	1	74	22.11	22.06	21.99		
15	64QAM	36	0	20.67	20.61	20.56		
15	64QAM	36	20	20.71	20.76	20.83	21.3	3
15	64QAM	36	39	20.64	20.79	20.63		
15	64QAM	75	0	20.60	20.66	20.62		
15	256QAM	1	0	18.66	18.71	18.76		
15	256QAM	1	37	18.55	18.68	18.48	19.3	5
15	256QAM	1	74	18.60	18.69	18.58		
15	256QAM	36	0	18.58	18.64	18.60		
15	256QAM	36	20	18.60	18.72	18.59	19.3	5
15	256QAM	36	39	18.64	18.64	18.69		
15	256QAM	75	0	18.61	18.69	18.68		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	24.11	24.14	23.98		
10	QPSK	1	25	23.92	24.00	23.94	24.3	0
10	QPSK	1	49	23.79	23.96	23.88		
10	QPSK	25	0	22.82	22.83	22.70		
10	QPSK	25	12	22.60	22.71	22.60	23.3	1
10	QPSK	25	25	22.54	22.74	22.58		
10	QPSK	50	0	22.55	22.75	22.55		
10	16QAM	1	0	22.73	22.90	22.78		
10	16QAM	1	25	22.91	22.95	22.88	23.3	1
10	16QAM	1	49	22.44	22.54	22.44		
10	16QAM	25	0	21.66	21.73	21.63		
10	16QAM	25	12	21.61	21.76	21.66	22.3	2
10	16QAM	25	25	21.72	21.88	21.77		
10	16QAM	50	0	21.61	21.75	21.73		
10	64QAM	1	0	21.84	21.95	21.98		
10	64QAM	1	25	21.69	21.84	21.67	22.3	2
10	64QAM	1	49	22.06	22.00	21.99		
10	64QAM	25	0	20.56	20.59	20.60		
10	64QAM	25	12	20.62	20.83	20.76	21.3	3
10	64QAM	25	25	20.62	20.75	20.67		
10	64QAM	50	0	20.63	20.63	20.63		
10	256QAM	1	0	18.73	18.73	18.63		
10	256QAM	1	25	18.68	18.66	18.46	19.3	5
10	256QAM	1	49	18.56	18.67	18.58		
10	256QAM	25	0	18.57	18.66	18.57		
10	256QAM	25	12	18.64	18.68	18.52	19.3	5
10	256QAM	25	25	18.54	18.70	18.70		
10	256QAM	50	0	18.52	18.69	18.62		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.15	24.07	23.97		
5	QPSK	1	12	23.97	23.94	23.98	24.3	0
5	QPSK	1	24	23.89	23.97	23.86		
5	QPSK	12	0	22.80	22.73	22.71		
5	QPSK	12	7	22.64	22.80	22.70	23.3	1
5	QPSK	12	13	22.52	22.67	22.53		
5	QPSK	25	0	22.52	22.68	22.56		
5	16QAM	1	0	22.71	22.87	22.80		
5	16QAM	1	12	23.00	23.02	23.00	23.3	1
5	16QAM	1	24	22.47	22.62	22.37		
5	16QAM	12	0	21.64	21.71	21.68		
5	16QAM	12	7	21.71	21.78	21.65	22.3	2
5	16QAM	12	13	21.70	21.90	21.64		
5	16QAM	25	0	21.62	21.72	21.65		
5	64QAM	1	0	21.91	22.05	21.91		
5	64QAM	1	12	21.70	21.83	21.65	22.3	2
5	64QAM	1	24	22.11	22.12	22.12		
5	64QAM	12	0	20.55	20.62	20.67		
5	64QAM	12	7	20.68	20.79	20.79	21.3	3
5	64QAM	12	13	20.68	20.77	20.56		
5	64QAM	25	0	20.54	20.71	20.56		
5	256QAM	1	0	18.72	18.75	18.71		
5	256QAM	1	12	18.67	18.59	18.55	19.3	5
5	256QAM	1	24	18.51	18.71	18.62		
5	256QAM	12	0	18.58	18.59	18.50		
5	256QAM	12	7	18.59	18.71	18.62	19.3	5
5	256QAM	12	13	18.61	18.68	18.62		
5	256QAM	25	0	18.65	18.75	18.62		

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.19	23.33	23.28		
20	QPSK	1	49	23.12	23.19	23.09	23.4	0
20	QPSK	1	99	22.83	22.92	22.82		
20	QPSK	50	0	22.22	22.26	22.15		
20	QPSK	50	24	22.12	22.21	22.08	22.4	1
20	QPSK	50	50	21.92	21.94	21.83		
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	0	22.33	22.34	22.22		
20	16QAM	1	49	22.22	22.26	22.19	22.4	1
20	16QAM	1	99	21.99	22.08	22.02		
20	16QAM	50	0	21.01	21.02	20.97		
20	16QAM	50	24	20.81	20.89	20.77	21.4	2
20	16QAM	50	50	20.97	21.00	20.93		
20	16QAM	100	0	20.89	20.98	20.83		
20	64QAM	1	0	21.08	21.22	21.15		
20	64QAM	1	49	20.97	21.03	21.00	21.4	2
20	64QAM	1	99	20.86	20.99	20.89		
20	64QAM	50	0	19.93	19.94	19.86		
20	64QAM	50	24	19.96	20.00	19.91	20.4	3
20	64QAM	50	50	19.89	19.99	19.94		
20	64QAM	100	0	19.97	20.07	20.02		
20	256QAM	1	0	18.28	18.33	18.27		
20	256QAM	1	49	18.07	18.10	18.01	18.4	5
20	256QAM	1	99	18.25	18.32	18.23		
20	256QAM	50	0	18.25	18.30	18.17		
20	256QAM	50	24	18.20	18.24	18.10	18.4	5
20	256QAM	50	50	18.20	18.23	18.15		
20	256QAM	100	0	18.12	18.21	18.18		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.09	23.22	23.21		
15	QPSK	1	37	22.97	23.12	23.08	23.4	0
15	QPSK	1	74	22.74	22.78	22.80		
15	QPSK	36	0	22.14	22.20	22.12		
15	QPSK	36	20	22.04	22.18	22.00	22.4	1
15	QPSK	36	39	21.86	21.92	21.72		
15	QPSK	75	0	22.03	22.06	22.00		
15	16QAM	1	0	22.24	22.33	22.16		
15	16QAM	1	37	22.13	22.14	22.16	22.4	1
15	16QAM	1	74	21.89	21.96	21.88		
15	16QAM	36	0	20.88	20.98	20.93		
15	16QAM	36	20	20.77	20.86	20.63	21.4	2
15	16QAM	36	39	20.89	20.97	20.84		
15	16QAM	75	0	20.81	20.89	20.69		
15	64QAM	1	0	21.06	21.14	21.11		
15	64QAM	1	37	20.83	20.90	20.93	21.4	2
15	64QAM	1	74	20.82	20.95	20.87		
15	64QAM	36	0	19.85	19.91	19.77		
15	64QAM	36	20	19.87	19.94	19.79	20.4	3
15	64QAM	36	39	19.80	19.87	19.92		
15	64QAM	75	0	19.90	19.98	19.94		
15	256QAM	1	0	18.18	18.20	18.23		
15	256QAM	1	37	17.96	18.09	17.90	18.4	5
15	256QAM	1	74	18.21	18.24	18.21		
15	256QAM	36	0	18.10	18.18	18.03		
15	256QAM	36	20	18.13	18.13	17.99	18.4	5
15	256QAM	36	39	18.15	18.12	18.09		
15	256QAM	75	0	18.05	18.11	18.11		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.16	23.28	23.23		
10	QPSK	1	25	23.03	23.12	23.05	23.4	0
10	QPSK	1	49	22.82	22.88	22.72		
10	QPSK	25	0	22.13	22.20	22.01		
10	QPSK	25	12	22.10	22.18	21.99	22.4	1
10	QPSK	25	25	21.91	21.82	21.80		
10	QPSK	50	0	22.01	21.97	21.92		
10	16QAM	1	0	22.31	22.20	22.11		
10	16QAM	1	25	22.17	22.14	22.05	22.4	1
10	16QAM	1	49	21.87	21.98	21.87		
10	16QAM	25	0	21.00	20.92	20.85		
10	16QAM	25	12	20.70	20.87	20.64	21.4	2
10	16QAM	25	25	20.82	20.87	20.79		
10	16QAM	50	0	20.80	20.85	20.76		
10	64QAM	1	0	21.00	21.13	21.09		
10	64QAM	1	25	20.94	21.01	20.87	21.4	2
10	64QAM	1	49	20.72	20.84	20.88		
10	64QAM	25	0	19.87	19.91	19.76		
10	64QAM	25	12	19.85	19.85	19.89	20.4	3
10	64QAM	25	25	19.85	19.97	19.79		
10	64QAM	50	0	19.93	20.05	19.87		
10	256QAM	1	0	18.15	18.32	18.23		
10	256QAM	1	25	17.95	18.01	18.00	18.4	5
10	256QAM	1	49	18.19	18.27	18.08		
10	256QAM	25	0	18.10	18.19	18.11		
10	256QAM	25	12	18.07	18.20	18.00	18.4	5
10	256QAM	25	25	18.19	18.14	18.06		
10	256QAM	50	0	18.03	18.14	18.09		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.15	23.30	23.13		
5	QPSK	1	12	23.01	23.15	23.08	23.4	0
5	QPSK	1	24	22.76	22.83	22.80		
5	QPSK	12	0	22.10	22.15	22.10		
5	QPSK	12	7	22.06	22.18	21.94	22.4	1
5	QPSK	12	13	21.86	21.88	21.71		
5	QPSK	25	0	22.04	21.98	21.99		
5	16QAM	1	0	22.27	22.25	22.15		
5	16QAM	1	12	22.09	22.24	22.07	22.4	1
5	16QAM	1	24	21.89	22.07	21.94		
5	16QAM	12	0	20.94	20.95	20.89		
5	16QAM	12	7	20.80	20.79	20.71	21.4	2
5	16QAM	12	13	20.85	20.94	20.91		
5	16QAM	25	0	20.77	20.86	20.73		
5	64QAM	1	0	21.06	21.21	21.02		
5	64QAM	1	12	20.92	20.91	20.90	21.4	2
5	64QAM	1	24	20.82	20.84	20.82		
5	64QAM	12	0	19.84	19.92	19.83		
5	64QAM	12	7	19.92	19.97	19.90	20.4	3
5	64QAM	12	13	19.83	19.85	19.90		
5	64QAM	25	0	19.87	20.05	20.00		
5	256QAM	1	0	18.17	18.19	18.16		
5	256QAM	1	12	18.04	18.05	17.99	18.4	5
5	256QAM	1	24	18.13	18.31	18.09		
5	256QAM	12	0	18.12	18.27	18.07		
5	256QAM	12	7	18.19	18.15	18.08	18.4	5
5	256QAM	12	13	18.17	18.08	18.04		
5	256QAM	25	0	18.10	18.16	18.08		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.38	24.53	24.41		
20	QPSK	1	49	24.36	24.47	24.37	25	0
20	QPSK	1	99	24.34	24.47	24.40		
20	QPSK	50	0	23.59	23.67	23.64		
20	QPSK	50	24	23.57	23.65	23.50	24	1
20	QPSK	50	50	23.53	23.61	23.56		
20	QPSK	100	0	23.53	23.62	23.52		
20	16QAM	1	0	23.66	23.69	23.64		
20	16QAM	1	49	23.49	23.64	23.61	24	1
20	16QAM	1	99	23.58	23.69	23.55		
20	16QAM	50	0	22.58	22.60	22.45		
20	16QAM	50	24	22.54	22.66	22.57	23	2
20	16QAM	50	50	22.54	22.63	22.61		
20	16QAM	100	0	22.62	22.64	22.57		
20	64QAM	1	0	22.37	22.46	22.34		
20	64QAM	1	49	22.43	22.57	22.56	23	2
20	64QAM	1	99	22.52	22.64	22.51		
20	64QAM	50	0	21.59	21.63	21.48		
20	64QAM	50	24	21.62	21.69	21.58	22	3
20	64QAM	50	50	21.58	21.66	21.63		
20	64QAM	100	0	21.61	21.64	21.53		
20	256QAM	1	0	19.30	19.33	19.22		
20	256QAM	1	49	19.49	19.50	19.49	20	5
20	256QAM	1	99	19.27	19.28	19.21		
20	256QAM	50	0	19.30	19.41	19.26		
20	256QAM	50	24	19.33	19.47	19.30	20	5
20	256QAM	50	50	19.31	19.35	19.28		
20	256QAM	100	0	19.28	19.30	19.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.27	24.39	24.33		
15	QPSK	1	37	24.29	24.41	24.24	25	0
15	QPSK	1	74	24.29	24.43	24.26		
15	QPSK	36	0	23.58	23.64	23.51		
15	QPSK	36	20	23.55	23.58	23.38	24	1
15	QPSK	36	39	23.49	23.54	23.45		
15	QPSK	75	0	23.40	23.45	23.39		
15	16QAM	1	0	23.52	23.67	23.54		
15	16QAM	1	37	23.47	23.51	23.54	24	1
15	16QAM	1	74	23.55	23.59	23.42		
15	16QAM	36	0	22.44	22.56	22.40		
15	16QAM	36	20	22.52	22.62	22.53	23	2
15	16QAM	36	39	22.41	22.50	22.52		
15	16QAM	75	0	22.59	22.63	22.46		
15	64QAM	1	0	22.25	22.34	22.22		
15	64QAM	1	37	22.35	22.45	22.52	23	2
15	64QAM	1	74	22.47	22.58	22.47		
15	64QAM	36	0	21.51	21.54	21.42		
15	64QAM	36	20	21.51	21.67	21.51	22	3
15	64QAM	36	39	21.50	21.53	21.60		
15	64QAM	75	0	21.57	21.63	21.50		
15	256QAM	1	0	19.23	19.26	19.09		
15	256QAM	1	37	19.45	19.46	19.39	20	5
15	256QAM	1	74	19.21	19.18	19.15		
15	256QAM	36	0	19.18	19.39	19.25		
15	256QAM	36	20	19.25	19.35	19.15	20	5
15	256QAM	36	39	19.22	19.29	19.13		
15	256QAM	75	0	19.20	19.19	19.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.51	24.38		
10	QPSK	1	25	24.26	24.44	24.31	25	0
10	QPSK	1	49	24.20	24.44	24.39		
10	QPSK	25	0	23.46	23.55	23.53		
10	QPSK	25	12	23.55	23.73	23.47	24	1
10	QPSK	25	25	23.40	23.57	23.50		
10	QPSK	50	0	23.44	23.58	23.44		
10	16QAM	1	0	23.53	23.63	23.49		
10	16QAM	1	25	23.44	23.49	23.46	24	1
10	16QAM	1	49	23.57	23.54	23.52		
10	16QAM	25	0	22.47	22.54	22.34		
10	16QAM	25	12	22.42	22.55	22.52	23	2
10	16QAM	25	25	22.50	22.58	22.51		
10	16QAM	50	0	22.59	22.56	22.42		
10	64QAM	1	0	22.34	22.40	22.22		
10	64QAM	1	25	22.36	22.55	22.53	23	2
10	64QAM	1	49	22.47	22.58	22.48		
10	64QAM	25	0	21.53	21.59	21.47		
10	64QAM	25	12	21.61	21.67	21.46	22	3
10	64QAM	25	25	21.43	21.64	21.61		
10	64QAM	50	0	21.52	21.56	21.49		
10	256QAM	1	0	19.20	19.18	19.15		
10	256QAM	1	25	19.41	19.41	19.42	20	5
10	256QAM	1	49	19.22	19.29	19.10		
10	256QAM	25	0	19.20	19.35	19.17		
10	256QAM	25	12	19.32	19.39	19.28	20	5
10	256QAM	25	25	19.21	19.22	19.19		
10	256QAM	50	0	19.16	19.05	19.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.37	24.52	24.36		
5	QPSK	1	12	24.27	24.41	24.25	25	0
5	QPSK	1	24	24.25	24.41	24.34		
5	QPSK	12	0	23.58	23.60	23.61		
5	QPSK	12	7	23.56	23.64	23.45	24	1
5	QPSK	12	13	23.41	23.58	23.47		
5	QPSK	25	0	23.46	23.56	23.42		
5	16QAM	1	0	23.56	23.62	23.57		
5	16QAM	1	12	23.42	23.52	23.49	24	1
5	16QAM	1	24	23.43	23.66	23.40		
5	16QAM	12	0	22.50	22.58	22.39		
5	16QAM	12	7	22.41	22.62	22.49	23	2
5	16QAM	12	13	22.41	22.61	22.59		
5	16QAM	25	0	22.59	22.62	22.43		
5	64QAM	1	0	22.28	22.46	22.28		
5	64QAM	1	12	22.32	22.45	22.52	23	2
5	64QAM	1	24	22.39	22.55	22.41		
5	64QAM	12	0	21.52	21.53	21.46		
5	64QAM	12	7	21.50	21.62	21.46	22	3
5	64QAM	12	13	21.46	21.65	21.55		
5	64QAM	25	0	21.46	21.60	21.51		
5	256QAM	1	0	19.29	19.23	19.15		
5	256QAM	1	12	19.38	19.35	19.44	20	5
5	256QAM	1	24	19.25	19.25	19.07		
5	256QAM	12	0	19.28	19.31	19.17		
5	256QAM	12	7	19.26	19.38	19.24	20	5
5	256QAM	12	13	19.21	19.29	19.24		
5	256QAM	25	0	19.27	19.21	19.08		

Band 38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.85	22.89	22.86		
20	QPSK	1	49	22.80	22.86	22.80	23	0
20	QPSK	1	99	22.72	22.82	22.81		
20	QPSK	50	0	21.90	21.95	21.87		
20	QPSK	50	24	21.82	21.90	21.84	22	1
20	QPSK	50	50	21.79	21.93	21.84		
20	QPSK	100	0	21.83	21.89	21.75		
20	16QAM	1	0	21.78	21.90	21.82		
20	16QAM	1	49	21.81	21.91	21.81	22	1
20	16QAM	1	99	21.91	21.95	21.84		
20	16QAM	50	0	20.90	20.98	20.88		
20	16QAM	50	24	20.94	20.96	20.87	21	2
20	16QAM	50	50	20.93	20.95	20.84		
20	16QAM	100	0	20.79	20.94	20.89		
20	64QAM	1	0	20.79	20.84	20.73		
20	64QAM	1	49	20.96	20.97	20.87	21	2
20	64QAM	1	99	20.81	20.90	20.79		
20	64QAM	50	0	19.85	19.99	19.90		
20	64QAM	50	24	19.84	19.95	19.89	20	3
20	64QAM	50	50	19.80	19.93	19.87		
20	64QAM	100	0	19.87	19.95	19.92		
20	256QAM	1	0	17.64	17.71	17.65		
20	256QAM	1	49	17.76	17.85	17.78	18	5
20	256QAM	1	99	17.74	17.78	17.65		
20	256QAM	50	0	17.81	17.84	17.82		
20	256QAM	50	24	17.79	17.84	17.82	18	5
20	256QAM	50	50	17.75	17.85	17.86		
20	256QAM	100	0	17.77	17.73	17.75		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.83	22.81	22.82		
15	QPSK	1	37	22.71	22.72	22.71	23	0
15	QPSK	1	74	22.67	22.73	22.78		
15	QPSK	36	0	21.86	21.80	21.84		
15	QPSK	36	20	21.73	21.75	21.78	22	1
15	QPSK	36	39	21.64	21.82	21.72		
15	QPSK	75	0	21.69	21.85	21.71		
15	16QAM	1	0	21.69	21.78	21.81		
15	16QAM	1	37	21.72	21.79	21.71	22	1
15	16QAM	1	74	21.78	21.91	21.73		
15	16QAM	36	0	20.83	20.89	20.73		
15	16QAM	36	20	20.81	20.83	20.85	21	2
15	16QAM	36	39	20.78	20.88	20.81		
15	16QAM	75	0	20.78	20.82	20.82		
15	64QAM	1	0	20.68	20.69	20.66		
15	64QAM	1	37	20.88	20.82	20.79	21	2
15	64QAM	1	74	20.78	20.75	20.67		
15	64QAM	36	0	19.72	19.92	19.86		
15	64QAM	36	20	19.78	19.83	19.82	20	3
15	64QAM	36	39	19.66	19.79	19.77		
15	64QAM	75	0	19.81	19.87	19.85		
15	256QAM	1	0	17.52	17.67	17.57		
15	256QAM	1	37	17.86	17.77	17.64	18	5
15	256QAM	1	74	17.62	17.73	17.55		
15	256QAM	36	0	17.79	17.74	17.70		
15	256QAM	36	20	17.71	17.73	17.72	18	5
15	256QAM	36	39	17.65	17.70	17.74		
15	256QAM	75	0	17.70	17.68	17.74		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.79	22.77	22.82		
10	QPSK	1	25	22.69	22.79	22.79	23	0
10	QPSK	1	49	22.67	22.74	22.73		
10	QPSK	25	0	21.79	21.90	21.77		
10	QPSK	25	12	21.68	21.79	21.72	22	1
10	QPSK	25	25	21.70	21.92	21.70		
10	QPSK	50	0	21.68	21.88	21.64		
10	16QAM	1	0	21.69	21.79	21.80		
10	16QAM	1	25	21.69	21.87	21.78	22	1
10	16QAM	1	49	21.87	21.85	21.76		
10	16QAM	25	0	20.81	20.91	20.75		
10	16QAM	25	12	20.83	20.82	20.86	21	2
10	16QAM	25	25	20.82	20.93	20.72		
10	16QAM	50	0	20.73	20.91	20.75		
10	64QAM	1	0	20.71	20.73	20.69		
10	64QAM	1	25	20.85	20.90	20.80	21	2
10	64QAM	1	49	20.80	20.81	20.68		
10	64QAM	25	0	19.82	19.86	19.85		
10	64QAM	25	12	19.82	19.84	19.78	20	3
10	64QAM	25	25	19.72	19.81	19.81		
10	64QAM	50	0	19.79	19.93	19.80		
10	256QAM	1	0	17.52	17.56	17.52		
10	256QAM	1	25	17.63	17.80	17.74	18	5
10	256QAM	1	49	17.61	17.74	17.62		
10	256QAM	25	0	17.78	17.80	17.68		
10	256QAM	25	12	17.83	17.71	17.70	18	5
10	256QAM	25	25	17.64	17.83	17.72		
10	256QAM	50	0	17.71	17.81	17.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.78	22.82		
5	QPSK	1	12	22.74	22.83	22.72	23	0
5	QPSK	1	24	22.66	22.79	22.71		
5	QPSK	12	0	21.87	21.83	21.73		
5	QPSK	12	7	21.77	21.89	21.77	22	1
5	QPSK	12	13	21.74	21.83	21.81		
5	QPSK	25	0	21.71	21.88	21.67		
5	16QAM	1	0	21.70	21.89	21.78		
5	16QAM	1	12	21.80	21.84	21.68	22	1
5	16QAM	1	24	21.83	21.93	21.74		
5	16QAM	12	0	20.86	20.92	20.85		
5	16QAM	12	7	20.88	20.95	20.76	21	2
5	16QAM	12	13	20.83	20.87	20.73		
5	16QAM	25	0	20.85	20.92	20.87		
5	64QAM	1	0	20.77	20.79	20.69		
5	64QAM	1	12	20.92	20.87	20.80	21	2
5	64QAM	1	24	20.69	20.77	20.69		
5	64QAM	12	0	19.74	19.95	19.75		
5	64QAM	12	7	19.82	19.94	19.81	20	3
5	64QAM	12	13	19.74	19.83	19.83		
5	64QAM	25	0	19.81	19.86	19.88		
5	256QAM	1	0	17.59	17.66	17.56		
5	256QAM	1	12	17.70	17.76	17.76	18	5
5	256QAM	1	24	17.71	17.73	17.55		
5	256QAM	12	0	17.78	17.79	17.81		
5	256QAM	12	7	17.76	17.68	17.75	18	5
5	256QAM	12	13	17.65	17.82	17.79		
5	256QAM	25	0	17.68	17.60	17.63		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.60	24.66	24.53		
20	QPSK	1	49	24.57	24.65	24.53	25	0
20	QPSK	1	99	24.54	24.59	24.50		
20	QPSK	50	0	23.58	23.61	23.50		
20	QPSK	50	24	23.48	23.60	23.50	24	1
20	QPSK	50	50	23.45	23.59	23.46		
20	QPSK	100	0	23.50	23.54	23.49		
20	16QAM	1	0	23.44	23.51	23.39		
20	16QAM	1	49	23.55	23.62	23.61	24	1
20	16QAM	1	99	23.68	23.71	23.58		
20	16QAM	50	0	22.41	22.54	22.49		
20	16QAM	50	24	22.59	22.63	22.58	23	2
20	16QAM	50	50	22.50	22.62	22.57		
20	16QAM	100	0	22.53	22.57	22.56		
20	64QAM	1	0	22.52	22.54	22.47		
20	64QAM	1	49	22.55	22.62	22.57	23	2
20	64QAM	1	99	22.50	22.58	22.45		
20	64QAM	50	0	21.42	21.57	21.51		
20	64QAM	50	24	21.55	21.64	21.55	22	3
20	64QAM	50	50	21.61	21.66	21.51		
20	64QAM	100	0	21.56	21.57	21.49		
20	256QAM	1	0	19.39	19.44	19.38		
20	256QAM	1	49	19.35	19.49	19.40	20	5
20	256QAM	1	99	19.53	19.56	19.47		
20	256QAM	50	0	19.47	19.51	19.47		
20	256QAM	50	24	19.48	19.50	19.48	20	5
20	256QAM	50	50	19.41	19.43	19.42		
20	256QAM	100	0	19.42	19.55	19.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.55	24.60	24.51		
15	QPSK	1	37	24.53	24.59	24.47	25	0
15	QPSK	1	74	24.48	24.46	24.48		
15	QPSK	36	0	23.53	23.55	23.42		
15	QPSK	36	20	23.45	23.50	23.40	24	1
15	QPSK	36	39	23.40	23.51	23.44		
15	QPSK	75	0	23.35	23.46	23.47		
15	16QAM	1	0	23.29	23.42	23.25		
15	16QAM	1	37	23.48	23.58	23.53	24	1
15	16QAM	1	74	23.59	23.58	23.50		
15	16QAM	36	0	22.36	22.46	22.42		
15	16QAM	36	20	22.51	22.57	22.43	23	2
15	16QAM	36	39	22.37	22.60	22.54		
15	16QAM	75	0	22.46	22.54	22.50		
15	64QAM	1	0	22.43	22.47	22.37		
15	64QAM	1	37	22.48	22.57	22.53	23	2
15	64QAM	1	74	22.47	22.51	22.39		
15	64QAM	36	0	21.31	21.54	21.43		
15	64QAM	36	20	21.41	21.57	21.41	22	3
15	64QAM	36	39	21.50	21.55	21.43		
15	64QAM	75	0	21.46	21.53	21.48		
15	256QAM	1	0	19.33	19.35	19.32		
15	256QAM	1	37	19.32	19.45	19.29	20	5
15	256QAM	1	74	19.41	19.43	19.41		
15	256QAM	36	0	19.41	19.39	19.36		
15	256QAM	36	20	19.48	19.42	19.47	20	5
15	256QAM	36	39	19.36	19.36	19.33		
15	256QAM	75	0	19.27	19.40	19.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.56	24.63	24.38		
10	QPSK	1	25	24.51	24.60	24.49	25	0
10	QPSK	1	49	24.42	24.47	24.43		
10	QPSK	25	0	23.50	23.56	23.54		
10	QPSK	25	12	23.54	23.57	23.36	24	1
10	QPSK	25	25	23.42	23.57	23.39		
10	QPSK	50	0	23.49	23.47	23.44		
10	16QAM	1	0	23.33	23.39	23.25		
10	16QAM	1	25	23.50	23.48	23.50	24	1
10	16QAM	1	49	23.65	23.66	23.54		
10	16QAM	25	0	22.27	22.50	22.43		
10	16QAM	25	12	22.57	22.57	22.56	23	2
10	16QAM	25	25	22.51	22.47	22.55		
10	16QAM	50	0	22.52	22.47	22.55		
10	64QAM	1	0	22.39	22.45	22.46		
10	64QAM	1	25	22.45	22.61	22.51	23	2
10	64QAM	1	49	22.46	22.61	22.31		
10	64QAM	25	0	21.27	21.42	21.46		
10	64QAM	25	12	21.51	21.60	21.47	22	3
10	64QAM	25	25	21.50	21.62	21.46		
10	64QAM	50	0	21.55	21.47	21.39		
10	256QAM	1	0	19.24	19.37	19.34		
10	256QAM	1	25	19.29	19.40	19.27	20	5
10	256QAM	1	49	19.21	19.49	19.40		
10	256QAM	25	0	19.37	19.46	19.37		
10	256QAM	25	12	19.46	19.48	19.44	20	5
10	256QAM	25	25	19.36	19.30	19.30		
10	256QAM	50	0	19.41	19.51	19.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.48	24.58	24.51		
5	QPSK	1	12	24.45	24.59	24.41	25	0
5	QPSK	1	24	24.38	24.51	24.35		
5	QPSK	12	0	23.41	23.58	23.52		
5	QPSK	12	7	23.40	23.59	23.42	24	1
5	QPSK	12	13	23.34	23.52	23.40		
5	QPSK	25	0	23.37	23.52	23.45		
5	16QAM	1	0	23.43	23.42	23.34		
5	16QAM	1	12	23.40	23.51	23.49	24	1
5	16QAM	1	24	23.66	23.61	23.44		
5	16QAM	12	0	22.38	22.51	22.41		
5	16QAM	12	7	22.48	22.56	22.49	23	2
5	16QAM	12	13	22.37	22.49	22.53		
5	16QAM	25	0	22.50	22.56	22.40		
5	64QAM	1	0	22.40	22.46	22.32		
5	64QAM	1	12	22.54	22.48	22.53	23	2
5	64QAM	1	24	22.47	22.43	22.34		
5	64QAM	12	0	21.32	21.47	21.47		
5	64QAM	12	7	21.45	21.50	21.53	22	3
5	64QAM	12	13	21.50	21.53	21.45		
5	64QAM	25	0	21.47	21.56	21.35		
5	256QAM	1	0	19.29	19.35	19.23		
5	256QAM	1	12	19.21	19.41	19.37	20	5
5	256QAM	1	24	19.44	19.46	19.39		
5	256QAM	12	0	19.35	19.45	19.46		
5	256QAM	12	7	19.43	19.48	19.43	20	5
5	256QAM	12	13	19.37	19.42	19.41		
5	256QAM	25	0	19.40	19.50	19.33		

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.89	23.93	23.87		
20	QPSK	1	49	23.82	23.88	23.76	24	0
20	QPSK	1	99	23.86	23.88	23.78		
20	QPSK	50	0	22.92	22.95	22.83		
20	QPSK	50	24	22.82	22.94	22.85	23	1
20	QPSK	50	50	22.73	22.86	22.77		
20	QPSK	100	0	22.88	22.92	22.82		
20	16QAM	1	0	22.95	22.98	22.83		
20	16QAM	1	49	22.80	22.91	22.90	23	1
20	16QAM	1	99	22.90	22.96	22.93		
20	16QAM	50	0	21.81	21.93	21.89		
20	16QAM	50	24	21.83	21.91	21.84	22	2
20	16QAM	50	50	21.84	21.96	21.90		
20	16QAM	100	0	21.89	21.94	21.86		
20

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.84	24.83	24.95	24.85	24.93		
20	QPSK	1	49	24.78	24.76	24.87	24.73	24.85	25.3	0
20	QPSK	1	99	24.77	24.81	24.88	24.80	24.77		
20	QPSK	50	0	24.07	24.08	24.09	24.08	24.08		
20	QPSK	50	24	23.95	24.02	24.05	23.99	24.01	24.3	1
20	QPSK	50	50	23.94	23.99	24.07	23.93	24.00		
20	QPSK	100	0	23.93	23.91	23.99	23.87	23.98		
20	16QAM	1	0	23.78	23.81	23.82	23.79	23.80		
20	16QAM	1	49	23.95	23.94	24.03	24.02	23.90	24.3	1
20	16QAM	1	99	23.85	23.84	23.90	23.75	23.89		
20	16QAM	50	0	22.78	22.89	22.90	22.85	22.87		
20	16QAM	50	24	22.99	22.92	23.06	23.03	22.91	23.3	2
20	16QAM	50	50	22.93	22.95	23.05	22.90	22.98		
20	16QAM	100	0	22.94	22.86	22.99	22.96	22.95		
20	64QAM	1	0	22.63	22.69	22.75	22.60	22.65		
20	64QAM	1	49	23.01	23.00	23.05	23.00	22.98	23.3	2
20	64QAM	1	99	22.91	22.89	22.97	22.82	22.88		
20	64QAM	50	0	21.77	21.79	21.88	21.76	21.84		
20	64QAM	50	24	21.92	21.95	22.06	22.03	21.94	22.3	3
20	64QAM	50	50	21.91	22.04	22.05	21.96	22.03		
20	64QAM	100	0	21.87	21.93	21.99	21.93	21.91		
20	256QAM	1	0	19.59	19.47	19.62	19.55	19.51		
20	256QAM	1	49	19.48	19.53	19.63	19.52	19.58	20.3	5
20	256QAM	1	99	19.57	19.61	19.64	19.52	19.49		
20	256QAM	50	0	19.60	19.62	19.66	19.54	19.53		
20	256QAM	50	24	19.61	19.53	19.66	19.56	19.52	20.3	5
20	256QAM	50	50	19.58	19.60	19.68	19.60	19.62		
20	256QAM	100	0	19.54	19.53	19.68	19.62	19.58		
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	24.77	24.82	24.86	24.73	24.91		
15	QPSK	1	37	24.77	24.74	24.75	24.67	24.83	25.3	0
15	QPSK	1	74	24.75	24.71	24.78	24.77	24.66		
15	QPSK	36	0	23.95	23.96	24.03	24.00	24.05		
15	QPSK	36	20	23.82	23.90	23.97	23.92	23.95	24.3	1
15	QPSK	36	39	23.81	23.96	23.97	23.91	23.87		
15	QPSK	75	0	23.92	23.83	23.98	23.80	23.84		
15	16QAM	1	0	23.76	23.79	23.74	23.67	23.76		
15	16QAM	1	37	23.83	23.83	23.90	23.94	23.80	24.3	1
15	16QAM	1	74	23.84	23.80	23.84	23.65	23.75		
15	16QAM	36	0	22.64	22.85	22.79	22.72	22.84		
15	16QAM	36	20	22.91	22.87	23.03	22.92	22.79	23.3	2
15	16QAM	36	39	22.87	22.87	23.01	22.84	22.89		
15	16QAM	75	0	22.92	22.83	22.84	22.94	22.82		
15	64QAM	1	0	22.62	22.60	22.60	22.49	22.64		
15	64QAM	1	37	22.91	22.90	22.99	22.87	22.96	23.3	2
15	64QAM	1	74	22.81	22.86	22.93	22.76	22.79		
15	64QAM	36	0	21.64	21.64	21.85	21.70	21.76		
15	64QAM	36	20	21.81	21.88	22.05	21.93	21.82	22.3	3
15	64QAM	36	39	21.82	21.91	21.97	21.90	21.88		
15	64QAM	75	0	21.81	21.87	21.86	21.90	21.87		
15	256QAM	1	0	19.54	19.45	19.61	19.41	19.45		
15	256QAM	1	37	19.41	19.46	19.54	19.49	19.51	20.3	5
15	256QAM	1	74	19.55	19.56	19.53	19.41	19.47		
15	256QAM	36	0	19.47	19.58	19.61	19.46	19.44		
15	256QAM	36	20	19.52	19.40	19.54	19.45	19.48	20.3	5
15	256QAM	36	39	19.56	19.57	19.63	19.56	19.55		
15	256QAM	75	0	19.50	19.47	19.58	19.48	19.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.70	24.80	24.91	24.81	24.87		
10	QPSK	1	25	24.71	24.68	24.79	24.86	24.78	25.3	0
10	QPSK	1	49	24.71	24.75	24.78	24.79	24.76		
10	QPSK	25	0	24.04	23.93	23.98	23.96	23.95		
10	QPSK	25	12	23.83	23.96	24.02	23.93	23.93	24.3	1
10	QPSK	25	25	23.81	23.91	24.00	23.80	23.85		
10	QPSK	50	0	23.90	23.76	23.94	23.80	23.86		
10	16QAM	1	0	23.72	23.76	23.76	23.76	23.70		
10	16QAM	1	25	23.92	23.93	23.97	23.99	23.86	24.3	1
10	16QAM	1	49	23.73	23.82	23.78	23.61	23.78		
10	16QAM	25	0	22.77	22.78	22.84	22.70	22.83		
10	16QAM	25	12	22.94	22.86	23.04	22.94	22.90	23.3	2
10	16QAM	25	25	22.80	22.83	22.99	22.84	22.94		
10	16QAM	50	0	22.91	22.76	22.86	22.88	22.80		
10	64QAM	1	0	22.48	22.56	22.70	22.54	22.57		
10	64QAM	1	25	22.98	22.99	22.96	22.85	22.86	23.3	2
10	64QAM	1	49	22.72	22.77	22.85	22.67	22.80		
10	64QAM	25	0	21.68	21.75	21.86	21.61	21.69		
10	64QAM	25	12	21.83	21.93	22.03	22.02	21.86	22.3	3
10	64QAM	25	25	21.88	21.95	22.03	21.83	21.89		
10	64QAM	50	0	21.77	21.88	21.91	21.92	21.78		
10	256QAM	1	0	19.46	19.46	19.58	19.49	19.49		
10	256QAM	1	25	19.40	19.41	19.62	19.38	19.50	20.3	5
10	256QAM	1	49	19.48	19.56	19.52	19.50	19.47		
10	256QAM	25	0	19.59	19.51	19.60	19.50	19.38		
10	256QAM	25	12	19.47	19.43	19.64	19.52	19.43	20.3	5
10	256QAM	25	25	19.51	19.48	19.57	19.56	19.58		
10	256QAM	50	0	19.44	19.38	19.60	19.51	19.54		
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	24.78	24.70	24.88	24.75	24.86		
5	QPSK	1	12	24.77	24.65	24.84	24.63	24.83	25.3	0
5	QPSK	1	24	24.77	24.77	24.81	24.66	24.75		
5	QPSK	12	0	23.92	23.94	23.94	23.94	23.92		
5	QPSK	12	7	23.94	23.99	23.97	23.86	23.91	24.3	1
5	QPSK	12	13	23.84	23.90	23.97	23.79	23.94		
5	QPSK	25	0	23.92	23.81	23.92	23.83	23.86		
5	16QAM	1	0	23.72	23.72	23.77	23.69	23.74		
5	16QAM	1	12	23.80	23.85	23.98	23.92	23.79	24.3	1
5	16QAM	1	24	23.73	23.70	23.89	23.61	23.77		
5	16QAM	12	0	22.69	22.86	22.78	22.74	22.77		
5	16QAM	12	7	22.87	22.87	23.02	22.99	22.84	23.3	2
5	16QAM	12	13	22.87	22.90	22.95	22.79	22.88		
5	16QAM	25	0	22.87	22.83	22.87	22.86	22.84		
5	64QAM	1	0	22.54	22.65	22.72	22.47	22.56		
5	64QAM	1	12	22.94	22.86	23.04	22.91	22.83	23.3	2
5	64QAM	1	24	22.83	22.79	22.93	22.80	22.83		
5	64QAM	12	0	21.69	21.67	21.86	21.70	21.81		
5	64QAM	12	7	21.89	21.88	21.93	21.88	21.89	22.3	3
5	64QAM	12	13	21.80	21.95	22.01	21.90	21.92		
5	64QAM	25	0	21.72	21.91	21.88	21.82	21.85		
5	256QAM	1	0	19.48	19.44	19.47	19.42	19.42		
5	256QAM	1	12	19.42	19.43	19.61	19.48	19.57	20.3	5
5	256QAM	1	24	19.47	19.60	19.55	19.46	19.43		
5	256QAM	12	0	19.47	19.61	19.62	19.45	19.48		
5	256QAM	12	7	19.51	19.59	19.60	19.44	19.42	20.3	5
5	256QAM	12	13	19.49	19.48	19.64	19.52	19.56		
5	256QAM	25	0	19.40	19.40	19.56	19.48	19.52		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.45	26.43	26.48	26.38	26.33		
20	QPSK	1	49	26.41	26.41	26.45	26.33	26.33	26.8	0
20	QPSK	1	99	26.36	26.38	26.45	26.37	26.30		
20	QPSK	50	0	25.34	25.43	25.44	25.32	25.37		
20	QPSK	50	24	25.26	25.27	25.40	25.25	25.26	25.8	1
20	QPSK	50	50	25.25	25.27	25.39	25.25	25.27		
20	QPSK	100	0	25.31	25.33	25.43	25.38	25.36		
20	16QAM	1	0	25.51	25.52	25.59	25.46	25.51		
20	16QAM	1	49	25.57	25.56	25.70	25.68	25.55	25.8	1
20	16QAM	1	99	25.61	25.68	25.75	25.73	25.62		
20	16QAM	50	0	24.31	24.36	24.39	24.37	24.25		
20	16QAM	50	24	24.47	24.48	24.51	24.36	24.48	24.8	2
20	16QAM	50	50	24.49	24.45	24.52	24.43	24.50		
20	16QAM	100	0	24.40	24.34	24.48	24.42	24.44		
20	64QAM	1	0	24.38	24.45	24.48	24.37	24.47		
20	64QAM	1	49	24.52	24.53	24.66	24.53	24.59	24.8	2
20	64QAM	1	99	24.65	24.57	24.67	24.60	24.60		
20	64QAM	50	0	23.34	23.20	23.35	23.30	23.21		
20	64QAM	50	24	23.43	23.43	23.51	23.49	23.46	23.8	3
20	64QAM	50	50	23.37	23.40	23.50	23.35	23.47		
20	64QAM	100	0	23.46	23.44	23.47	23.46	23.42		
20	256QAM	1	0	21.22	21.11	21.26	21.17	21.12		
20	256QAM	1	49	21.22	21.13	21.26	21.11	21.12	21.8	5
20	256QAM	1	99	21.28	21.27	21.34	21.32	21.26		
20	256QAM	50	0	21.22	21.23	21.34	21.20	21.25		
20	256QAM	50	24	21.21	21.23	21.32	21.22	21.25	21.8	5
20	256QAM	50	50	21.24	21.29	21.35	21.23	21.32		
20	256QAM	100	0	21.15	21.22	21.24	21.20	21.11		
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	26.40	26.39	26.42	26.36	26.31		
15	QPSK	1	37	26.35	26.28	26.32	26.18	26.19	26.8	0
15	QPSK	1	74	26.33	26.23	26.44	26.25	26.25		
15	QPSK	36	0	25.20	25.41	25.36	25.27	25.26		
15	QPSK	36	20	25.16	25.26	25.33	25.12	25.13	25.8	1
15	QPSK	36	39	25.16	25.13	25.26	25.14	25.23		
15	QPSK	75	0	25.29	25.27	25.29	25.27	25.33		
15	16QAM	1	0	25.46	25.51	25.45	25.32	25.43		
15	16QAM	1	37	25.44	25.54	25.58	25.57	25.42	25.8	1
15	16QAM	1	74	25.47	25.55	25.72	25.68	25.58		
15	16QAM	36	0	24.22	24.25	24.35	24.26	24.21		
15	16QAM	36	20	24.41	24.41	24.37	24.32	24.47	24.8	2
15	16QAM	36	39	24.42	24.42	24.37	24.36	24.36		
15	16QAM	75	0	24.31	24.26	24.41	24.30	24.29		
15	64QAM	1	0	24.26	24.42	24.38	24.35	24.46		
15	64QAM	1	37	24.38	24.49	24.57	24.41	24.47	24.8	2
15	64QAM	1	74	24.63	24.49	24.62	24.57	24.48		
15	64QAM	36	0	23.23	23.07	23.34	23.17	23.14		
15	64QAM	36	20	23.28	23.33	23.36	23.34	23.31	23.8	3
15	64QAM	36	39	23.36	23.33	23.37	23.34	23.42		
15	64QAM	75	0	23.35	23.41	23.44	23.40	23.29		
15	256QAM	1	0	21.15	21.00	21.17	21.11	21.08		
15	256QAM	1	37	21.16	20.99	21.17	21.00	21.09	21.8	5
15	256QAM	1	74	21.16	21.18	21.29	21.23	21.11		
15	256QAM	36	0	21.18	21.09	21.27	21.15	21.24		
15	256QAM	36	20	21.17	21.09	21.31	21.12	21.21	21.8	5
15	256QAM	36	39	21.19	21.27	21.21	21.22	21.23		
15	256QAM	75	0	21.01	21.08	21.11	21.07	21.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.44	26.42	26.36	26.24	26.30		
10	QPSK	1	25	26.28	26.37	26.38	26.32	26.31	26.8	0
10	QPSK	1	49	26.28	26.26	26.37	26.36	26.22		
10	QPSK	25	0	25.29	25.37	25.38	25.24	25.31		
10	QPSK	25	12	25.12	25.16	25.35	25.20	25.20	25.8	1
10	QPSK	25	25	25.12	25.16	25.33	25.22	25.26		
10	QPSK	50	0	25.23	25.23	25.38	25.33	25.25		
10	16QAM	1	0	25.36	25.44	25.48	25.42	25.49		
10	16QAM	1	25	25.54	25.47	25.58	25.58	25.49	25.8	1
10	16QAM	1	49	25.59	25.54	25.60	25.63	25.54		
10	16QAM	25	0	24.22	24.34	24.24	24.33	24.16		
10	16QAM	25	12	24.44	24.34	24.41	24.24	24.42	24.8	2
10	16QAM	25	25	24.43	24.38	24.37	24.28	24.43		
10	16QAM	50	0	24.32	24.26	24.36	24.31	24.30		
10	64QAM	1	0	24.37	24.41	24.46	24.29	24.34		
10	64QAM	1	25	24.46	24.41	24.64	24.51	24.53	24.8	2
10	64QAM	1	49	24.52	24.47	24.52	24.46	24.56		
10	64QAM	25	0	23.32	23.18	23.24	23.23	23.12		
10	64QAM	25	12	23.34	23.29	23.42	23.34	23.36	23.8	3
10	64QAM	25	25	23.23	23.35	23.47	23.34	23.44		
10	64QAM	50	0	23.45	23.42	23.37	23.44	23.30		
10	256QAM	1	0	21.09	21.07	21.14	21.13	21.03		
10	256QAM	1	25	21.19	21.07	21.11	21.05	21.10	21.8	5
10	256QAM	1	49	21.26	21.22	21.26	21.25	21.22		
10	256QAM	25	0	21.16	21.16	21.21	21.11	21.16		
10	256QAM	25	12	21.07	21.09	21.22	21.17	21.21	21.8	5
10	256QAM	25	25	21.13	21.14	21.33	21.21	21.18		
10	256QAM	50	0	21.08	21.16	21.19	21.05	21.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	26.30	26.32	26.38	26.33	26.28		
5	QPSK	1	12	26.40	26.38	26.32	26.29	26.16	26.8	0
5	QPSK	1	24	26.25	26.29	26.34	26.34	26.17		
5	QPSK	12	0	25.29	25.37	25.39	25.19	25.35		
5	QPSK	12	7	25.23	25.15	25.31	25.20	25.19	25.8	1
5	QPSK	12	13	25.21	25.20	25.36	25.24	25.16		
5	QPSK	25	0	25.22	25.18	25.33	25.33	25.22		
5	16QAM	1	0	25.47	25.37	25.50	25.33	25.50		
5	16QAM	1	12	25.52	25.52	25.68	25.67	25.48	25.8	1
5	16QAM	1	24	25.58	25.63	25.64	25.68	25.47		
5	16QAM	12	0	24.28	24.21	24.33	24.28	24.17		
5	16QAM	12	7	24.40	24.37	24.49	24.22	24.39	24.8	2
5	16QAM	12	13	24.46	24.35	24.51	24.29	24.42		
5	16QAM	25	0	24.28	24.26	24.35	24.37	24.43		
5	64QAM	1	0	24.35	24.34	24.39	24.26	24.41		
5	64QAM	1	12	24.39	24.38	24.65	24.51	24.55	24.8	2
5	64QAM	1	24	24.64	24.50	24.55	24.55	24.58		
5	64QAM	12	0	23.29	23.13	23.27	23.18	23.11		
5	64QAM	12	7	23.38	23.39	23.39	23.34	23.43	23.8	3
5	64QAM	12	13	23.28	23.32	23.44	23.25	23.43		
5	64QAM	25	0	23.37	23.29	23.41	23.43	23.38		
5	256QAM	1	0	21.12	21.00	21.16	21.10	21.06		
5	256QAM	1	12	21.14	21.07	21.19	21.05	21.01	21.8	5
5	256QAM	1	24	21.13	21.13	21.33	21.29	21.13		
5	256QAM	12	0	21.21	21.10	21.22	21.10	21.16		
5	256QAM	12	7	21.09	21.09	21.26	21.21	21.10	21.8	5
5	256QAM	12	13	21.23	21.21	21.28	21.21	21.22		
5	256QAM	25	0	21.06	21.07	21.10	21.12	20.97		

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.84	23.13	23.25	23.16	23.18		
20	QPSK	1	49	22.76	23.11	23.24	23.13	23.10	23.3	0
20	QPSK	1	99	22.65	23.05	23.19	23.13	23.06		
20	QPSK	50	0	21.75	22.09	22.24	22.23	22.13		
20	QPSK	50	24	21.65	22.02	22.21	22.12	22.10	22.3	1
20	QPSK	50	50	21.72	22.03	22.20	22.16	22.09		
20	QPSK	100	0	21.67	22.12	22.19	22.04	22.12		
20	16QAM	1	0	21.73	22.08	22.22	22.11	22.18		
20	16QAM	1	49	21.74	22.16	22.29	22.24	22.16	22.3	1
20	16QAM	1	99	21.63	22.16	22.24	22.12	22.11		
20	16QAM	50	0	20.71	21.18	21.24	21.13	21.17		
20	16QAM	50	24	20.73	21.25	21.26	21.21	21.15	21.3	2
20	16QAM	50	50	20.74	21.14	21.28	21.13	21.15		
20	16QAM	100	0	20.61	21.12	21.22	21.11	21.16		
20	64QAM	1	0	20.50	21.01	21.12	21.01	20.99		
20	64QAM	1	49	20.75	21.20	21.27	21.16	21.12	21.3	2
20	64QAM	1	99	20.71	21.11	21.26	21.17	21.15		
20	64QAM	50	0	19.71	20.11	20.24	20.15	20.22		
20	64QAM	50	24	19.64	20.16	20.25	20.22	20.15	20.3	3
20	64QAM	50	50	19.78	20.25	20.26	20.15	20.24		
20	64QAM	100	0	19.74	20.20	20.25	20.18	20.20		
20	256QAM	1	0	17.16	17.68	17.71	17.62	17.59		
20	256QAM	1	49	17.20	17.69	17.73	17.60	17.64	18.3	5
20	256QAM	1	99	17.25	17.70	17.73	17.69	17.69		
20	256QAM	50	0	17.09	17.61	17.71	17.57	17.57		
20	256QAM	50	24	17.18	17.68	17.69	17.68	17.57	18.3	5
20	256QAM	50	50	17.15	17.52	17.63	17.53	17.56		
20	256QAM	100	0	17.05	17.56	17.62	17.51	17.49		
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	22.77	23.20	23.00	23.12	23.11		
15	QPSK	1	37	22.70	23.15	23.10	22.99	23.07	23.3	0
15	QPSK	1	74	22.55	23.15	22.92	23.10	22.93		
15	QPSK	36	0	21.74	22.10	22.08	22.09	22.12		
15	QPSK	36	20	21.56	22.09	22.00	22.06	22.09	22.3	1
15	QPSK	36	39	21.63	22.08	21.99	22.13	21.98		
15	QPSK	75	0	21.65	22.12	21.99	21.99	22.10		
15	16QAM	1	0	21.63	22.08	21.98	22.03	22.13		
15	16QAM	1	37	21.67	22.26	22.07	22.15	22.01	22.3	1
15	16QAM	1	74	21.58	22.20	22.11	22.01	22.09		
15	16QAM	36	0	20.63	21.12	21.05	21.15	21.13		
15	16QAM	36	20	20.70	21.17	21.24	21.19	21.03	21.3	2
15	16QAM	36	39	20.70	21.21	21.07	21.11	21.12		
15	16QAM	75	0	20.51	21.10	21.08	21.10	21.15		
15	64QAM	1	0	20.47	21.09	20.90	20.93	20.87		
15	64QAM	1	37	20.66	21.24	21.08	21.15	21.01	21.3	2
15	64QAM	1	74

Band 41 (HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.63	24.83	24.70	24.66	24.69	24.8	0
20	QPSK	1	49	24.60	24.49	24.64	24.63	24.61		
20	QPSK	1	99	24.56	24.58	24.68	24.65	24.54		
20	QPSK	50	0	23.60	23.59	23.65	23.64	23.62	23.8	1
20	QPSK	50	24	23.54	23.53	23.61	23.53	23.54		
20	QPSK	50	50	23.51	23.47	23.60	23.49	23.53		
20	QPSK	100	0	23.58	23.59	23.64	23.58	23.54		
20	16QAM	1	0	23.52	23.47	23.62	23.47	23.56		
20	16QAM	1	49	23.69	23.69	23.74	23.62	23.68	23.8	1
20	16QAM	1	99	23.71	23.67	23.72	23.62	23.69		
20	16QAM	50	0	22.49	22.53	22.55	22.40	22.47		
20	16QAM	50	24	22.69	22.64	22.71	22.65	22.70	22.8	2
20	16QAM	50	50	22.61	22.60	22.70	22.68	22.67		
20	16QAM	100	0	22.60	22.60	22.66	22.58	22.57		
20	64QAM	1	0	22.52	22.55	22.65	22.60	22.53		
20	64QAM	1	49	22.73	22.75	22.80	22.65	22.72	22.8	2
20	64QAM	1	99	22.67	22.69	22.74	22.63	22.70		
20	64QAM	50	0	21.41	21.51	21.53	21.41	21.48		
20	64QAM	50	24	21.65	21.58	21.71	21.58	21.65	21.8	3
20	64QAM	50	50	21.60	21.58	21.69	21.61	21.60		
20	64QAM	100	0	21.62	21.51	21.65	21.58	21.50		
20	256QAM	1	0	19.40	19.40	19.53	19.47	19.38		
20	256QAM	1	49	19.43	19.46	19.57	19.51	19.51	19.8	5
20	256QAM	1	99	19.35	19.38	19.48	19.35	19.40		
20	256QAM	50	0	19.52	19.57	19.59	19.55	19.49		
20	256QAM	50	24	19.54	19.63	19.56	19.46	19.45	19.8	5
20	256QAM	50	50	19.40	19.42	19.47	19.44	19.45		
20	256QAM	100	0	19.55	19.58	19.61	19.58	19.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.61	24.69	24.61	24.62	24.57		
15	QPSK	1	37	24.48	24.51	24.45	24.50	24.46	24.8	0
15	QPSK	1	74	24.46	24.67	24.55	24.57	24.41		
15	QPSK	36	0	23.50	23.57	23.41	23.60	23.52		
15	QPSK	36	20	23.42	23.57	23.41	23.52	23.51	23.8	1
15	QPSK	36	39	23.46	23.53	23.39	23.35	23.49		
15	QPSK	75	0	23.47	23.62	23.46	23.48	23.45		
15	16QAM	1	0	23.37	23.56	23.35	23.39	23.46		
15	16QAM	1	37	23.56	23.59	23.63	23.53	23.57	23.8	1
15	16QAM	1	74	23.65	23.60	23.63	23.54	23.64		
15	16QAM	36	0	22.47	22.51	22.43	22.33	22.43		
15	16QAM	36	20	22.65	22.58	22.61	22.57	22.57	22.8	2
15	16QAM	36	39	22.47	22.66	22.51	22.67	22.64		
15	16QAM	75	0	22.54	22.62	22.46	22.54	22.48		
15	64QAM	1	0	22.38	22.61	22.47	22.58	22.44		
15	64QAM	1	37	22.58	22.79	22.67	22.50	22.65	22.8	2
15	64QAM	1	74	22.59	22.67	22.56	22.58	22.69		
15	64QAM	36	0	21.38	21.52	21.42	21.35	21.33		
15	64QAM	36	20	21.56	21.57	21.53	21.46	21.60	21.8	3
15	64QAM	36	39	21.58	21.57	21.49	21.43	21.46		
15	64QAM	75	0	21.47	21.57	21.43	21.43	21.41		
15	256QAM	1	0	19.29	19.38	19.31	19.38	19.32		
15	256QAM	1	37	19.32	19.54	19.32	19.47	19.48	19.8	5
15	256QAM	1	74	19.24	19.45	19.24	19.33	19.32		
15	256QAM	36	0	19.42	19.57	19.48	19.43	19.34		
15	256QAM	36	20	19.44	19.52	19.40	19.35	19.34	19.8	5
15	256QAM	36	39	19.25	19.38	19.40	19.35	19.41		
15	256QAM	75	0	19.47	19.50	19.47	19.57	19.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.50	24.60	24.50	24.62	24.54		
10	QPSK	1	25	24.54	24.58	24.45	24.62	24.51	24.8	0
10	QPSK	1	49	24.43	24.62	24.45	24.57	24.44		
10	QPSK	25	0	23.47	23.54	23.40	23.56	23.51		
10	QPSK	25	12	23.45	23.58	23.52	23.39	23.50	23.8	1
10	QPSK	25	25	23.49	23.54	23.46	23.41	23.46		
10	QPSK	50	0	23.48	23.63	23.46	23.38	23.46		
10	16QAM	1	0	23.42	23.56	23.36	23.37	23.54		
10	16QAM	1	25	23.64	23.72	23.63	23.54	23.57	23.8	1
10	16QAM	1	49	23.69	23.63	23.59	23.56	23.59		
10	16QAM	25	0	22.39	22.42	22.49	22.27	22.33		
10	16QAM	25	12	22.63	22.63	22.55	22.59	22.68	22.8	2
10	16QAM	25	25	22.49	22.59	22.51	22.64	22.52		
10	16QAM	50	0	22.50	22.61	22.52	22.54	22.54		
10	64QAM	1	0	22.38	22.50	22.50	22.54	22.49		
10	64QAM	1	25	22.70	22.78	22.73	22.50	22.67	22.8	2
10	64QAM	1	49	22.54	22.62	22.58	22.62	22.60		
10	64QAM	25	0	21.33	21.51	21.43	21.35	21.46		
10	64QAM	25	12	21.54	21.60	21.53	21.50	21.51	21.8	3
10	64QAM	25	25	21.58	21.60	21.55	21.49	21.45		
10	64QAM	50	0	21.50	21.54	21.45	21.44	21.41		
10	256QAM	1	0	19.37	19.43	19.26	19.34	19.26		
10	256QAM	1	25	19.37	19.52	19.41	19.47	19.40	19.8	5
10	256QAM	1	49	19.32	19.42	19.27	19.29	19.27		
10	256QAM	25	0	19.51	19.50	19.47	19.53	19.42		
10	256QAM	25	12	19.42	19.51	19.46	19.41	19.40	19.8	5
10	256QAM	25	25	19.29	19.36	19.35	19.35	19.43		
10	256QAM	50	0	19.48	19.56	19.55	19.57	19.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.60	24.69	24.49	24.55	24.57		
5	QPSK	1	12	24.50	24.56	24.40	24.62	24.55	24.8	0
5	QPSK	1	24	24.54	24.67	24.47	24.58	24.42		
5	QPSK	12	0	23.57	23.54	23.44	23.57	23.57		
5	QPSK	12	7	23.43	23.56	23.48	23.41	23.50	23.8	1
5	QPSK	12	13	23.46	23.48	23.33	23.37	23.47		
5	QPSK	25	0	23.46	23.52	23.45	23.47	23.51		
5	16QAM	1	0	23.51	23.48	23.42	23.32	23.51		
5	16QAM	1	12	23.62	23.64	23.55	23.50	23.54	23.8	1
5	16QAM	1	24	23.48	23.60	23.47	23.58	23.56		
5	16QAM	12	0	22.35	22.41	22.49	22.37	22.42		
5	16QAM	12	7	22.67	22.69	22.59	22.56	22.67	22.8	2
5	16QAM	12	13	22.56	22.56	22.59	22.58	22.64		
5	16QAM	25	0	22.56	22.58	22.61	22.58	22.42		
5	64QAM	1	0	22.44	22.53	22.45	22.52	22.44		
5	64QAM	1	12	22.65	22.78	22.70	22.52	22.66	22.8	2
5	64QAM	1	24	22.62	22.66	22.61	22.52	22.65		
5	64QAM	12	0	21.35	21.42	21.42	21.28	21.40		
5	64QAM	12	7	21.59	21.59	21.54	21.46	21.64	21.8	3
5	64QAM	12	13	21.58	21.67	21.44	21.51	21.57		
5	64QAM	25	0	21.51	21.63	21.50	21.51	21.40		
5	256QAM	1	0	19.30	19.44	19.27	19.33	19.29		
5	256QAM	1	12	19.37	19.51	19.39	19.46	19.50	19.8	5
5	256QAM	1	24	19.30	19.42	19.23	19.31	19.35		
5	256QAM	12	0	19.50	19.57	19.44	19.42	19.48		
5	256QAM	12	7	19.45	19.47	19.52	19.37	19.30	19.8	5
5	256QAM	12	13	19.35	19.43	19.40	19.36	19.36		
5	256QAM	25	0	19.41	19.53	19.45	19.51	19.55		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.03	24.83	25.08	25.05	25.00	25.3	0
20	QPSK	1	49	24.93	24.80	25.03	24.97	24.98		
20	QPSK	1	99	24.78	24.70	24.93	24.80	24.82		
20	QPSK	50	0	23.90	23.89	24.05	24.00	23.95	24.3	1
20	QPSK	50	24	23.85	23.84	24.01	23.98	23.88		
20	QPSK	50	50	23.89	23.77	24.01	23.88	23.92		
20	QPSK	100	0	23.97	23.88	24.02	23.90	23.94		
20	16QAM	1	0	23.86	23.68	23.90	23.76	23.89		
20	16QAM	1	49	24.11	23.98	24.15	24.03	24.01	24.3	1
20	16QAM	1	99	23.81	23.64	23.86	23.81	23.83		
20	16QAM	50	0	23.03	22.93	23.04	23.01	22.92		
20	16QAM	50	24	22.92	22.93	23.05	22.98	23.01	23.3	2
20	16QAM	50	50	23.03	22.85	23.05	22.99	23.01		
20	16QAM	100	0	22.95	22.89	23.01	22.91	22.94		
20	64QAM	1	0	22.81	22.68	22.82	22.69	22.72		
20	64QAM	1	49	23.08	22.96	23.12	23.03	23.09	23.3	2
20	64QAM	1	99	22.75	22.72	22.88	22.74	22.83		
20	64QAM	50	0	21.87	21.77	22.00	21.91	21.93		
20	64QAM	50	24	22.03	21.97	22.08	22.04	22.04	22.3	3
20	64QAM	50	50	22.00	21.81	22.05	22.02	21.90		
20	64QAM	100	0	21.88	21.84	22.03	21.96	21.90		
20	256QAM	1	0	19.89	19.81	20.04	20.02	19.92		
20	256QAM	1	49	20.00	19.92	20.05	20.04	20.01	20.3	5
20	256QAM	1	99	19.99	19.92	20.06	20.01	19.95		
20	256QAM	50	0	19.99	19.86	20.02	19.89	19.93		
20	256QAM	50	24	19.82	19.78	19.96	19.86	19.84	20.3	5
20	256QAM	50	50	20.00	19.87	20.05	20.02	20.02		
20	256QAM	100	0	19.98	19.77	20.01	19.93	19.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.94	24.76	24.91	24.96	24.97		
15	QPSK	1	37	24.89	24.68	24.83	24.94	24.96	25.3	0
15	QPSK	1	74	24.73	24.55	24.74	24.72	24.78		
15	QPSK	36	0	23.91	23.79	23.82	23.90	23.96		
15	QPSK	36	20	23.84	23.80	23.76	23.90	23.99	24.3	1
15	QPSK	36	39	23.85	23.65	23.88	23.76	23.99		
15	QPSK	75	0	23.85	23.77	23.93	23.81	23.87		
15	16QAM	1	0	23.72	23.67	23.74	23.71	23.77		
15	16QAM	1	37	24.07	23.97	23.95	23.96	24.14	24.3	1
15	16QAM	1	74	23.73	23.49	23.68	23.71	23.75		
15	16QAM	36	0	23.00	22.90	22.87	22.95	22.94		
15	16QAM	36	20	22.79	22.88	22.89	22.86	22.95	23.3	2
15	16QAM	36	39	23.00	22.75	22.94	22.87	23.01		
15	16QAM	75	0	22.82	22.84	22.86	22.77	22.86		
15	64QAM	1	0	22.76	22.55	22.61	22.55	22.76		
15	64QAM	1	37	22.99	22.94	22.94	22.93	23.06	23.3	2
15	64QAM	1	74	22.67	22.62	22.73	22.61	22.73		
15	64QAM	36	0	21.83	21.73	21.89	21.90	21.95		
15	64QAM	36	20	21.91	21.90	22.01	21.92	21.96	22.3	3
15	64QAM	36	39	21.99	21.78	21.85	21.86	21.96		
15	64QAM	75	0	21.85	21.69	21.82	21.82	21.90		
15	256QAM	1	0	19.82	19.76	19.81	19.99	19.94		
15	256QAM	1	37	19.89	19.85	19.86	20.03	19.92	20.3	5
15	256QAM	1	74	19.97	19.90	19.88	19.96	20.00		
15	256QAM	36	0	19.94	19.84	19.91	19.75	19.92		
15	256QAM	36	20	19.77	19.68	19.78	19.71	19.95	20.3	5
15	256QAM	36	39	19.91	19.76	19.94	19.96	19.76		
15	256QAM	75	0	19.95	19.73	19.79	19.82	19.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.94	24.70	24.89	24.95	24.94		
10	QPSK	1	25	24.84	24.73	24.92	24.87	24.96	25.3	0
10	QPSK	1	49	24.77	24.64	24.81	24.69	24.91		
10	QPSK	25	0	23.84	23.77	23.94	23.92	23.95		
10	QPSK	25	12	23.72	23.72	23.80	23.85	24.00	24.3	1
10	QPSK	25	25	23.86	23.69	23.84	23.75	23.86		
10	QPSK	50	0	23.83	23.75	23.88	23.87	23.99		
10	16QAM	1	0	23.76	23.60	23.86	23.66	23.86		
10	16QAM	1	25	24.06	23.97	23.94	23.93	24.02	24.3	1
10	16QAM	1	49	23.72	23.55	23.69	23.74	23.79		
10	16QAM	25	0	22.89	22.82	22.79	22.99	22.93		
10	16QAM	25	12	22.84	22.81	22.93	22.94	22.91	23.3	2
10	16QAM	25	25	22.94	22.72	22.95	22.92	23.07		
10	16QAM	50	0	22.93	22.76	22.86	22.84	22.99		
10	64QAM	1	0	22.69	22.52	22.69	22.63	22.72		
10	64QAM	1	25	23.02	22.86	22.96	22.93	23.07	23.3	2
10	64QAM	1	49	22.74	22.70	22.80	22.59	22.74		
10	64QAM	25	0	21.77	21.69	21.81	21.90	21.99		
10	64QAM	25	12	21.95	21.87	21.96	22.02	21.99	22.3	3
10	64QAM	25	25	21.86	21.74	21.78	22.01	21.99		
10	64QAM	50	0	21.76	21.70	21.79	21.83	21.89		
10	256QAM	1	0	19.85	19.80	19.85	19.97	19.89		
10	256QAM	1	25	19.89	19.88	19.87	19.93	19.90	20.3	5
10	256QAM	1	49	19.95	19.80	19.93	19.97	20.03		
10	256QAM	25	0	19.88	19.73	19.89	19.82	19.88		
10	256QAM	25	12	19.68	19.74	19.72	19.84	19.92	20.3	5
10	256QAM	25	25	19.85	19.76	19.91	19.93	20.03		
10	256QAM	50	0	19.83	19.64	19.74	19.83	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.99	24.74	24.88	24.98	25.00		
5	QPSK	1	12	24.88	24.66	24.90	24.95	24.96	25.3	0
5	QPSK	1	24	24.75	24.57	24.70	24.88	24.86		
5	QPSK	12	0	23.91	23.70	23.93	23.89	23.92		
5	QPSK	12	7	23.82	23.81	23.76	23.90	23.96	24.3	1
5	QPSK	12	13	23.78	23.71	23.86	23.86	23.86		
5	QPSK	25	0	23.94	23.75	23.89	23.76	23.93		
5	16QAM	1	0	23.84	23.54	23.78	23.70	23.88		
5	16QAM	1	12	24.03	23.83	23.88	23.89	24.02	24.3	1
5	16QAM	1	24	23.68	23.66	23.81	23.73	23.75		
5	16QAM	12	0	22.98	22.90	22.84	22.86	23.00		
5	16QAM	12	7	22.83	22.91	22.91	22.92	23.00	23.3	2
5	16QAM	12	13	22.88	22.72	22.96	22.96	22.92		
5	16QAM	25	0	22.80	22.82	22.90	22.76	22.87		
5	64QAM	1	0	22.69	22.50	22.67	22.54	22.79		
5	64QAM	1	12	23.04	22.87	23.06	22.88	23.07	23.3	2
5	64QAM	1	24	22.63	22.70	22.71	22.65	22.81		
5	64QAM	12	0	21.74	21.71	21.91	21.89	21.97		
5	64QAM	12	7	21.92	21.88	21.90	21.96	21.96	22.3	3
5	64QAM	12	13	21.85	21.71	21.81	21.95	21.96		
5	64QAM	25	0	21.84	21.81	21.80	21.83	21.89		
5	256QAM	1	0	19.79	19.67	19.88	19.90	19.94		
5	256QAM	1	12	19.91	19.77	20.00	20.03	19.94	20.3	5
5	256QAM	1	24	19.86	19.87	19.86	19.97	19.92		
5	256QAM	12	0	19.86	19.84	19.83	19.88	19.98		
5	256QAM	12	7	19.74	19.70	19.73	19.71	19.95	20.3	5
5	256QAM	12	13	19.86	19.86	19.91	19.88	20.02		
5	256QAM	25	0	19.91	19.73	19.74	19.92	19.88		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.42	26.45	26.55	26.37	26.42	26.8	0
20	QPSK	1	49	26.32	26.36	26.46	26.27	26.35		
20	QPSK	1	99	26.31	26.35	26.42	26.24	26.19		
20	QPSK	50	0	25.29	25.30	25.43	25.22	25.17	25.8	1
20	QPSK	50	24	25.28	25.31	25.39	25.21	25.24		
20	QPSK	50	50	25.23	25.30	25.41	25.20	25.21		
20	QPSK	100	0	25.20	25.28	25.32	25.10	25.18		
20	16QAM	1	0	25.31	25.38	25.44	25.25	25.22		
20	16QAM	1	49	25.47	25.52	25.58	25.43	25.46	25.8	1
20	16QAM	1	99	25.52	25.60	25.63	25.50	25.52		
20	16QAM	50	0	24.18	24.24	24.32	24.12	24.13		
20	16QAM	50	24	24.21	24.31	24.39	24.28	24.25	24.8	2
20	16QAM	50	50	24.18	24.23	24.38	24.22	24.16		
20	16QAM	100	0	24.11	24.28	24.32	24.10	24.10		
20	64QAM	1	0	24.17	24.23	24.38	24.16	24.21		
20	64QAM	1	49	24.39	24.55	24.56	24.32	24.40	24.8	2
20	64QAM	1	99	24.35	24.44	24.57	24.41	24.44		
20	64QAM	50	0	23.01	23.16	23.23	23.06	23.02		
20	64QAM	50	24	23.23	23.32	23.41	23.28	23.26	23.8	3
20	64QAM	50	50	23.13	23.34	23.38	23.14	23.19		
20	64QAM	100	0	23.14	23.29	23.35	23.12	23.12		
20	256QAM	1	0	21.04	21.04	21.17	21.04	21.03		
20	256QAM	1	49	21.03	21.15	21.19	21.00	21.06	21.8	5
20	256QAM	1	99	21.02	21.21	21.25	21.11	21.02		
20	256QAM	50	0	21.07	21.16	21.24	21.12	21.13		
20	256QAM	50	24	21.03	21.09	21.21	21.06	21.07	21.8	5
20	256QAM	50	50	20.84	21.03	21.09	20.89	20.92		
20	256QAM	100	0	20.83	20.93	21.07	20.83	20.95		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	26.34	26.42	26.37	26.25	26.46		
15	QPSK	1	37	26.20	26.25	26.29	26.16	26.35	26.8	0
15	QPSK	1	74	26.23	26.34	26.13	26.17	26.40		
15	QPSK	36	0	25.28	25.21	25.19	25.15	25.40		
15	QPSK	36	20	25.26	25.22	25.22	25.17	25.29	25.8	1
15	QPSK	36	39	25.15	25.23	25.15	25.11	25.26		
15	QPSK	75	0	25.18	25.23	25.04	24.97	25.22		
15	16QAM	1	0	25.21	25.25	25.07	25.23	25.37		
15	16QAM	1	37	25.38	25.41	25.34	25.38	25.56	25.8	1
15	16QAM	1	74	25.47	25.56	25.44	25.44	25.56		
15	16QAM	36	0	24.08	24.13	24.09	24.09	24.22		
15	16QAM	36	20	24.15	24.22	24.24	24.15	24.31	24.8	2
15	16QAM	36	39	24.12	24.14	24.05	24.15	24.27		
15	16QAM	75	0	23.97	24.21	24.04	24.08	24.24		
15	64QAM	1	0	24.16	24.17	24.16	24.09	24.30		
15	64QAM	1	37	24.36	24.61	24.35	24.25	24.53	24.8	2
15	64QAM

Band 41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.17	24.12	24.24	24.05	24.17		
20	QPSK	1	49	23.99	24.07	24.13	23.99	24.08	24.3	0
20	QPSK	1	99	24.15	24.11	24.20	24.00	24.15		
20	QPSK	50	0	23.10	23.16	23.24	23.07	23.17		
20	QPSK	50	24	23.13	23.16	23.19	23.06	23.17	23.3	1
20	QPSK	50	50	23.16	23.11	23.18	23.06	23.15		
20	QPSK	100	0	23.08	23.09	23.21	22.96	23.10		
20	16QAM	1	0	23.12	23.18	23.24	23.03	23.17		
20	16QAM	1	49	23.17	23.12	23.22	22.98	23.19	23.3	1
20	16QAM	1	99	23.19	23.11	23.20	23.02	23.09		
20	16QAM	50	0	22.22	22.14	22.27	22.15	22.15		
20	16QAM	50	24	22.13	22.13	22.26	22.12	22.24	22.3	2
20	16QAM	50	50	22.07	22.07	22.20	21.98	22.12		
20	16QAM	100	0	22.19	22.19	22.24	22.00	22.19		
20	64QAM	1	0	22.12	22.14	22.25	22.07	22.21		
20	64QAM	1	49	22.15	22.12	22.26	22.07	22.22	22.3	2
20	64QAM	1	99	22.19	22.15	22.23	22.10	22.08		
20	64QAM	50	0	21.17	21.12	21.25	21.00	21.21		
20	64QAM	50	24	21.19	21.10	21.24	21.06	21.14	21.3	3
20	64QAM	50	50	21.15	21.17	21.29	21.17	21.22		
20	64QAM	100	0	21.17	21.19	21.26	21.02	21.25		
20	256QAM	1	0	18.79	18.77	18.83	18.70	18.75		
20	256QAM	1	49	18.89	18.82	18.90	18.70	18.78	19.3	5
20	256QAM	1	99	18.72	18.72	18.84	18.66	18.78		
20	256QAM	50	0	18.79	18.88	18.91	18.69	18.90		
20	256QAM	50	24	18.96	18.90	18.91	18.69	18.83	19.3	5
20	256QAM	50	50	18.78	18.72	18.83	18.70	18.74		
20	256QAM	100	0	18.78	18.68	18.81	18.66	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.09	24.00	24.02	23.96	24.12		
15	QPSK	1	37	23.91	23.95	24.03	23.85	24.08	24.3	0
15	QPSK	1	74	24.03	24.00	24.11	23.87	24.13		
15	QPSK	36	0	23.08	23.15	23.02	23.05	23.19		
15	QPSK	36	20	23.09	23.13	23.08	23.00	23.08	23.3	1
15	QPSK	36	39	23.10	23.09	23.05	23.02	23.15		
15	QPSK	75	0	22.98	23.07	23.06	22.83	23.07		
15	16QAM	1	0	23.09	23.07	23.10	22.96	23.15		
15	16QAM	1	37	23.15	22.98	23.14	22.88	23.20	23.3	1
15	16QAM	1	74	23.17	23.05	23.05	22.94	23.16		
15	16QAM	36	0	22.13	22.00	22.07	22.08	22.19		
15	16QAM	36	20	22.04	22.03	22.20	22.03	22.16	22.3	2
15	16QAM	36	39	21.95	21.99	22.08	21.86	22.05		
15	16QAM	75	0	22.08	22.10	22.17	21.85	22.14		
15	64QAM	1	0	21.97	22.13	22.19	21.97	22.11		
15	64QAM	1	37	22.07	22.00	22.12	22.06	22.25	22.3	2
15	64QAM	1	74	22.15	22.04	22.06	22.00	22.17		
15	64QAM	36	0	21.06	21.01	21.18	20.98	21.24		
15	64QAM	36	20	21.13	20.95	21.06	20.97	21.22	21.3	3
15	64QAM	36	39	21.08	21.10	21.10	21.02	21.16		
15	64QAM	75	0	21.13	21.16	21.18	20.98	21.25		
15	256QAM	1	0	18.68	18.72	18.65	18.59	18.75		
15	256QAM	1	37	18.86	18.68	18.63	18.61	18.75	19.3	5
15	256QAM	1	74	18.64	18.62	18.71	18.53	18.71		
15	256QAM	36	0	18.76	18.85	18.75	18.55	18.85		
15	256QAM	36	20	18.79	18.77	18.73	18.63	18.86	19.3	5
15	256QAM	36	39	18.71	18.59	18.63	18.56	18.78		
15	256QAM	75	0	18.74	18.59	18.75	18.64	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.07	24.08	24.06	24.04	24.21		
10	QPSK	1	25	23.84	24.02	23.93	23.85	24.01	24.3	0
10	QPSK	1	49	24.01	23.96	24.00	23.95	24.19		
10	QPSK	25	0	23.10	23.10	23.08	22.97	23.18		
10	QPSK	25	12	23.07	23.15	23.02	23.00	23.06	23.3	1
10	QPSK	25	25	23.06	22.98	23.01	23.01	23.12		
10	QPSK	50	0	22.94	22.94	23.05	22.93	23.06		
10	16QAM	1	0	23.11	23.06	23.13	22.98	23.20		
10	16QAM	1	25	23.15	23.02	23.13	22.92	23.07	23.3	1
10	16QAM	1	49	23.04	23.04	23.02	22.95	23.10		
10	16QAM	25	0	22.07	22.06	22.13	22.11	22.19		
10	16QAM	25	12	22.02	22.01	22.19	22.04	22.13	22.3	2
10	16QAM	25	25	22.06	21.92	22.03	21.87	22.15		
10	16QAM	50	0	22.07	22.14	22.11	21.90	22.14		
10	64QAM	1	0	22.04	21.99	22.15	22.01	22.21		
10	64QAM	1	25	22.07	21.99	22.19	21.95	22.22	22.3	2
10	64QAM	1	49	22.07	22.09	21.93	22.06	22.22		
10	64QAM	25	0	21.03	21.08	21.12	20.99	21.16		
10	64QAM	25	12	21.07	20.99	21.00	21.04	21.23	21.3	3
10	64QAM	25	25	21.09	21.02	21.18	21.03	21.17		
10	64QAM	50	0	21.02	21.14	21.11	20.96	21.14		
10	256QAM	1	0	18.66	18.75	18.65	18.55	18.69		
10	256QAM	1	25	18.82	18.69	18.70	18.55	18.85	19.3	5
10	256QAM	1	49	18.70	18.68	18.70	18.60	18.74		
10	256QAM	25	0	18.76	18.87	18.83	18.64	18.77		
10	256QAM	25	12	18.76	18.86	18.72	18.54	18.77	19.3	5
10	256QAM	25	25	18.72	18.65	18.67	18.56	18.71		
10	256QAM	50	0	18.70	18.82	18.76	18.56	18.68		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.16	24.01	24.16	23.96	24.22		
5	QPSK	1	12	23.93	23.93	24.06	23.88	24.09	24.3	0
5	QPSK	1	24	24.04	24.07	24.14	23.96	24.09		
5	QPSK	12	0	23.13	23.11	23.11	22.93	23.17		
5	QPSK	12	7	22.99	23.09	23.05	23.00	23.05	23.3	1
5	QPSK	12	13	23.03	22.96	23.10	23.01	23.08		
5	QPSK	25	0	23.06	23.00	23.05	22.94	23.07		
5	16QAM	1	0	23.04	23.12	23.16	22.95	23.18		
5	16QAM	1	12	23.05	23.10	23.12	22.87	23.10	23.3	1
5	16QAM	1	24	23.05	23.01	22.97	22.89	23.12		
5	16QAM	12	0	22.17	22.13	22.10	22.10	22.24		
5	16QAM	12	7	22.03	22.07	22.12	22.00	22.11	22.3	2
5	16QAM	12	13	22.01	22.03	22.05	21.87	22.11		
5	16QAM	25	0	22.12	22.18	22.06	21.99	22.20		
5	64QAM	1	0	22.01	22.01	22.11	21.98	22.20		
5	64QAM	1	12	22.03	22.09	22.21	22.01	22.16	22.3	2
5	64QAM	1	24	22.05	22.06	21.96	21.96	22.12		
5	64QAM	12	0	21.10	20.99	21.19	20.98	21.11		
5	64QAM	12	7	21.10	21.01	21.09	20.95	21.20	21.3	3
5	64QAM	12	13	21.10	21.06	21.12	21.08	21.19		
5	64QAM	25	0	21.13	21.05	21.24	20.99	21.20		
5	256QAM	1	0	18.67	18.76	18.72	18.68	18.69		
5	256QAM	1	12	18.87	18.72	18.63	18.67	18.80	19.3	5
5	256QAM	1	24	18.58	18.69	18.73	18.58	18.76		
5	256QAM	12	0	18.78	18.79	18.84	18.59	18.90		
5	256QAM	12	7	18.83	18.79	18.76	18.59	18.78	19.3	5
5	256QAM	12	13	18.68	18.57	18.69	18.65	18.78		
5	256QAM	25	0	18.64	18.67	18.75	18.55	18.70		

Band 41 (HPUE)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.73	25.67	25.76	25.63	25.73		
20	QPSK	1	49	25.60	25.63	25.70	25.46	25.68	25.8	0
20	QPSK	1	99	25.64	25.65	25.69	25.45	25.62		
20	QPSK	50	0	24.74	24.77	24.78	24.66	24.73		
20	QPSK	50	24	24.59	24.71	24.72	24.59	24.58	24.8	1
20	QPSK	50	50	24.66	24.71	24.77	24.56	24.68		
20	QPSK	100	0	24.64	24.69	24.76	24.57	24.70		
20	16QAM	1	0	24.65	24.73	24.75	24.51	24.64		
20	16QAM	1	49	24.71	24.64	24.77	24.57	24.76	24.8	1
20	16QAM	1	99	24.75	24.64	24.78	24.53	24.63		
20	16QAM	50	0	23.68	23.61	23.74	23.62	23.60		
20	16QAM	50	24	23.67	23.70	23.71	23.48	23.57	23.8	2
20	16QAM	50	50	23.67	23.67	23.78	23.60	23.67		
20	16QAM	100	0	23.65	23.67	23.72	23.47	23.71		
20	64QAM	1	0	23.60	23.66	23.74	23.63	23.60		
20	64QAM	1	49	23.63	23.68	23.74	23.61	23.69	23.8	2
20	64QAM	1	99	23.66	23.66	23.71	23.57	23.57		
20	64QAM	50	0	22.70	22.63	22.74	22.60	22.67		
20	64QAM	50	24	22.69	22.68	22.78	22.64	22.73	22.8	3
20	64QAM	50	50	22.69	22.70	22.76	22.54	22.71		
20	64QAM	100	0	22.70	22.61	22.72	22.52	22.71		
20	256QAM	1	0	20.56	20.56	20.63	20.41	20.53		
20	256QAM	1	49	20.37	20.45	20.49	20.32	20.42	20.8	5
20	256QAM	1	99	20.50	20.46	20.53	20.35	20.40		
20	256QAM	50	0	20.47	20.57	20.61	20.36	20.47		
20	256QAM	50	24	20.55	20.50	20.58	20.45	20.53	20.8	5
20	256QAM	50	50	20.56	20.55	20.58	20.45	20.44		
20	256QAM	100	0	20.50	20.56	20.63	20.39	20.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.60	25.58	25.62	25.62	25.62		
15	QPSK	1	37	25.46	25.55	25.67	25.39	25.57	25.8	0
15	QPSK	1	74	25.60	25.55	25.53	25.30	25.55		
15	QPSK	36	0	24.61	24.76	24.71	24.58	24.66		
15	QPSK	36	20	24.51	24.56	24.55	24.49	24.69	24.8	1
15	QPSK	36	39	24.62	24.63	24.66	24.43	24.71		
15	QPSK	75	0	24.58	24.64	24.60	24.51	24.66		
15	16QAM	1	0	24.59	24.63	24.49	24.38	24.69		
15	16QAM	1	37	24.64	24.49	24.61	24.55	24.69	24.8	1
15	16QAM	1	74	24.68	24.56	24.61	24.44	24.74		
15	16QAM	36	0	23.56	23.51	23.45	23.47	23.66		
15	16QAM	36	20	23.65	23.69	23.50	23.36	23.64	23.8	2
15	16QAM	36	39	23.66	23.62	23.60	23.49	23.77		
15	16QAM	75	0	23.63	23.59	23.68	23.40	23.71		
15	64QAM	1	0	23.57	23.62	23.45	23.52	23.69		
15	64QAM	1	37	23.54	23.66	23.66	23.50	23.73	23.8	2
15	64QAM	1	74	23.64	23.57	23.47	23.44	23.61		
15	64QAM	36	0	22.56	22.51	22.55	22.50	22.71		
15	64QAM	36	20	22.54	22.62	22.63	22.57	22.71	22.8	3
15	64QAM	36	39	22.63	22.66	22.63	22.46	22.64		
15	64QAM	75	0	22.61	22.57	22.62	22.48	22.67		
15	256QAM	1	0	20.47	20.41	20.39	20.29	20.52		
15	256QAM	1	37	20.32	20.39	20.40	20.29	20.44	20.8	5
15	256QAM	1	74	20.47	20.37	20.30	20.33	20.44		
15	256QAM	36	0	20.38	20.54	20.33	20.31	20.60		
15	256QAM	36	20	20.45	20.39	20.47	20.35	20.49	20.8	5
15	256QAM	36	39	20.48	20.49	20.34	20.41	20.57		
15	256QAM	75	0	20.47	20.41	20.46	20.36	20.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.58	25.52	25.62	25.58	25.65		
10	QPSK	1	25	25.49	25.49	25.57	25.48	25.64	25.8	0
10	QPSK	1	49	25.53	25.63	25.49	25.37	25.61		
10	QPSK	25	0	24.63	24.68	24.61	24.55	24.72		
10	QPSK	25	12	24.44	24.68	24.55	24.56	24.63	24.8	1
10	QPSK	25	25	24.57	24.69	24.66	24.50	24.68		
10	QPSK	50	0	24.50	24.59	24.57	24.50	24.69		
10	16QAM	1	0	24.51	24.61	24.50	24.49	24.74		
10	16QAM	1	25	24.60	24.59	24.58	24.53	24.72	24.8	1
10	16QAM	1	49	24.72	24.59	24.51	24.42	24.65		
10	16QAM	25	0	23.62	23.49	23.47	23.48	23.71		
10	16QAM	25	12	23.56	23.68	23.53	23.43	23.69	23.8	2
10	16QAM	25	25	23.54	23.60	23.58	23.51	23.69		
10	16QAM	50	0	23.63	23.65	23.57	23.43	23.60		
10	64QAM	1	0	23.47	23.65	23.48	23.54	23.63		
10	64QAM	1	25	23.49	23.56	23.68	23.50	23.72	23.8	2
10	64QAM	1	49	23.54	23.58	23.55	23.49	23.57		
10	64QAM	25	0	22.65	22.58	22.54	22.53	22.65		
10	64QAM	25	12	22.56	22.65	22.65	22.50	22.63	22.8	3
10	64QAM	25	25	22.66	22.64	22.59	22.41	22.71		
10	64QAM	50	0	22.69	22.54	22.67	22.42	22.65		
10	256QAM	1	0	20.42	20.42	20.51	20.37	20.54		
10	256QAM	1	25	20.22	20.41	20.39	20.20	20.36	20.8	5
10	256QAM	1	49	20.36	20.42	20.26	20.29	20.52		
10	256QAM	25	0	20.40	20.46	20.46	20.28	20.57		
10	256QAM	25	12	20.48	20.49	20.41	20.37	20.56	20.8	5
10	256QAM	25	25	20.54	20.53	20.29	20.44	20.45		
10	256QAM	50	0	20.46	20.46	20.58	20.28	20.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.67	25.54	25.64	25.62	25.61		
5	QPSK	1	12	25.46	25.51	25.59	25.40	25.63	25.8	0
5	QPSK	1	24	25.59	25.59	25.54	25.33	25.66		
5	QPSK	12	0	24.73	24.66	24.61	24.59	24.74		
5	QPSK	12	7	24.57	24.65	24.55	24.51	24.71	24.8	1
5	QPSK	12	13	24.60	24.70	24.57	24.41	24.69		
5	QPSK	25	0	24.54	24.56	24.63	24.51	24.71		
5	16QAM	1	0	24.55	24.59	24.55	24.40	24.74		
5	16QAM	1	12	24.65	24.62	24.61	24.50	24.64	24.8	1
5	16QAM	1	24	24.72	24.59	24.57	24.48	24.77		
5	16QAM	12	0	23.57	23.58	23.55	23.50	23.72		
5	16QAM	12	7	23.63	23.66	23.45	23.41	23.67	23.8	2
5	16QAM	12	13	23.52	23.62	23.52	23.56	23.77		
5	16QAM	25	0	23.53	23.54	23.66	23.36	23.70		
5	64QAM	1	0	23.49	23.51	23.59	23.55	23.64		
5	64QAM	1	12	23.55	23.59	23.66	23.46	23.73	23.8	2
5	64QAM	1	24	23.60	23.54	23.54	23.42	23.67		
5	64QAM	12	0	22.65	22.51	22.58	22.50	22.63		
5	64QAM	12	7	22.57	22.65	22.60	22.55	22.76	22.8	3
5	64QAM	12	13	22.58	22.61	22.69	22.44	22.72		
5	64QAM	25	0	22.58	22.48	22.60	22.39	22.71		
5	256QAM	1	0	20.49	20.55	20.38	20.38	20.57		
5	256QAM	1	12	20.29	20.33	20.32	20.28	20.44	20.8	5
5	256QAM	1	24	20.49	20.41	20.33	20.21	20.47		
5	256QAM	12	0	20.35	20.53	20.37	20.35	20.52		
5	256QAM	12	7	20.41	20.39	20.43	20.31	20.47	20.8	5
5	256QAM	12	13	20.47	20.50	20.42	20.37	20.44		
5	256QAM	25	0	20.44	20.53	20.49	20.30	20.49		

Band 48_Ant 9

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				55340	55930	56160	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	24.40	24.48	24.45	24.31			
20	QPSK	1	49	24.36	24.46	24.33	24.28		25	0
20	QPSK	1	99	24.25	24.37	24.33	24.28			
20	QPSK	50	0	23.60	23.65	23.58	23.57			
20	QPSK	50	24	23.53	23.64	23.53	23.52		24	1
20	QPSK	50	50	23.56	23.61	23.49	23.50			
20	QPSK	100	0	23.50	23.63	23.57	23.62			
20	16QAM	1	0	23.34	23.46	23.38	23.34			
20	16QAM	1	49	23.54	23.58	23.55	23.48		24	1
20	16QAM	1	99	23.50	23.52	23.45	23.38			
20	16QAM	50	0	22.67	22.69	22.64	22.54			
20	16QAM	50	24	22.63	22.68	22.61	22.57		23	2
20	16QAM	50	50	22.51	22.63	22.59	22.48			
20	16QAM	100	0	22.53	22.62	22.57	22.55			
20	64QAM	1	0	22.60	22.65	22.63	22.64			
20	64QAM	1	49	22.57	22.65	22.58	22.58		23	2
20	64QAM	1	99	22.47	22.51	22.37	22.48			
20	64QAM	50	0	21.54	21.65	21.58	21.56			
20	64QAM	50	24	21.64	21.69	21.65	21.55		22	3
20	64QAM	50	50	21.53	21.61	21.56	21.48			
20	64QAM	100	0	21.61	21.66	21.57	21.62			
20	256QAM	1	0	19.47	19.55	19.53	19.45			
20	256QAM	1	49	19.56	19.63	19.58	19.60		20	5
20	256QAM	1	99	19.39	19.48	19.35	19.40			
20	256QAM	50	0	19.61	19.72	19.64	19.58			
20	256QAM	50	24	19.57	19.71	19.58	19.67		20	5
20	256QAM	50	50	19.57	19.68	19.65	19.65			
20	256QAM	100	0	19.61	19.70	19.62	19.59			
Channel				55315	55820	56160	56665		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	24.33	24.35	24.33	24.22			
15	QPSK	1	37	24.39	24.22	24.22	24.21		25	0
15	QPSK	1	74	24.36	24.17	24.30	24.25			
15	QPSK	36	0	23.59	23.58	23.45	23.51			
15	QPSK	36	20	23.52	23.43	23.48	23.49		24	1
15	QPSK	36	39	23.49	23.52	23.47	23.39			
15	QPSK	75	0	23.60	23.36	23.45	23.49			
15	16QAM	1	0	23.43	23.24	23.30	23.19			
15	16QAM	1	37	23.47	23.50	23.54	23.35		24	1
15	16QAM	1	74	23.48	23.35	23.41	23.34			
15	16QAM	36	0	22.66	22.59	22.61	22.49			
15	16QAM	36	20	22.67	22.53	22.46	22.47		23	2
15	16QAM	36	39	22.48	22.40	22.50	22.44			
15	16QAM	75	0	22.47	22.41	22.51	22.43			
15	64QAM	1	0	22.64	22.56	22.55	22.58			
15	64QAM	1	37	22.52	22.52	22.52	22.47		23	2
15	64QAM	1	74	22.45	22.39	22.25	22.46			
15	64QAM	36	0	21.60	21.39	21.44	21.45			
15	64QAM	36	20	21.58	21.53	21.52	21.51		22	3
15	64QAM	36	39	21.48	21.52	21.46	21.40			
15	64QAM	75	0	21.55	21.52	21.56	21.60			
15	256QAM	1	0	19.42	19.36	19.47	19.43			

Band 48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.00	23.07	22.99	22.85	23.8	0
20	QPSK	1	49	22.97	23.06	22.91	22.81		
20	QPSK	1	99	22.86	22.92	22.98	22.80		
20	QPSK	50	0	22.16	22.26	22.23	22.15	22.8	1
20	QPSK	50	24	22.14	22.20	22.18	22.12		
20	QPSK	50	50	22.12	22.19	22.22	22.11		
20	QPSK	100	0	22.11	22.19	22.13	22.06		
20	16QAM	1	0	22.05	22.14	22.07	22.07	22.8	1
20	16QAM	1	49	22.07	22.19	22.17	22.10		
20	16QAM	1	99	22.04	22.11	22.17	22.07		
20	16QAM	50	0	21.18	21.36	21.32	21.10	21.8	2
20	16QAM	50	24	21.20	21.29	21.22	21.19		
20	16QAM	50	50	21.12	21.25	21.14	21.04		
20	16QAM	100	0	21.10	21.27	21.11	21.02		
20	64QAM	1	0	21.12	21.26	21.25	21.08	21.8	2
20	64QAM	1	49	21.17	21.36	21.19	21.21		
20	64QAM	1	99	21.06	21.22	21.09	21.01		
20	64QAM	50	0	20.18	20.35	20.32	20.13	20.8	3
20	64QAM	50	24	20.18	20.30	20.22	20.12		
20	64QAM	50	50	20.11	20.19	20.12	20.02		
20	64QAM	100	0	20.13	20.25	20.25	20.16		
20	256QAM	1	0	18.07	18.15	18.16	18.03	18.8	5
20	256QAM	1	49	18.08	18.21	18.16	18.06		
20	256QAM	1	99	18.01	18.14	18.14	17.99		
20	256QAM	50	0	18.23	18.28	18.29	18.23	18.8	5
20	256QAM	50	24	18.21	18.28	18.22	18.25		
20	256QAM	50	50	18.15	18.32	18.20	18.12		
20	256QAM	100	0	18.21	18.26	18.26	18.21		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	22.99	22.77	22.93	22.75	23.8	0
15	QPSK	1	37	22.97	22.82	22.90	22.76		
15	QPSK	1	74	22.91	22.65	22.91	22.79		
15	QPSK	36	0	22.21	22.08	22.14	22.06	22.8	1
15	QPSK	36	20	22.16	22.01	22.09	22.05		
15	QPSK	36	39	22.14	22.01	22.12	22.02		
15	QPSK	75	0	22.17	21.95	22.09	22.04		
15	16QAM	1	0	22.15	21.97	22.00	21.92	22.8	1
15	16QAM	1	37	22.07	21.97	22.06	21.98		
15	16QAM	1	74	22.11	21.92	22.04	22.04		
15	16QAM	36	0	21.32	21.08	21.18	21.00	21.8	2
15	16QAM	36	20	21.33	21.02	21.21	21.17		
15	16QAM	36	39	21.25	21.07	21.04	21.02		
15	16QAM	75	0	21.12	21.08	21.05	20.89		
15	64QAM	1	0	21.21	20.97	21.13	21.00	21.8	2
15	64QAM	1	37	21.17	21.16	21.14	21.17		
15	64QAM	1	74	21.11	20.98	21.05	20.87		
15	64QAM	36	0	20.20	20.07	20.19	20.12	20.8	3
15	64QAM	36	20	20.21	20.05	20.18	19.99		
15	64QAM	36	39	20.17	20.03	20.03	19.98		
15	64QAM	75	0	20.19	20.02	20.13	20.10		
15	256QAM	1	0	18.21	17.85	18.09	17.95	18.8	5
15	256QAM	1	37	18.15	17.93	18.12	18.01		
15	256QAM	1	74	18.01	17.97	18.08	17.84		
15	256QAM	36	0	18.30	18.07	18.16	18.15	18.8	5
15	256QAM	36	20	18.28	18.02	18.16	18.24		
15	256QAM	36	39	18.24	18.04	18.10	18.07		
15	256QAM	75	0	18.29	17.99	18.22	18.13		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.99	22.78	22.85	22.72	23.8	0
10	QPSK	1	25	23.01	22.87	22.86	22.69		
10	QPSK	1	49	22.94	22.74	22.87	22.74		
10	QPSK	25	0	22.22	22.03	22.13	22.05	22.8	1
10	QPSK	25	12	22.20	22.04	22.09	21.97		
10	QPSK	25	25	22.15	21.97	22.18	22.01		
10	QPSK	50	0	22.19	21.99	22.10	21.97		
10	16QAM	1	0	22.06	21.85	21.93	21.93	22.8	1
10	16QAM	1	25	22.17	21.93	22.14	22.02		
10	16QAM	1	49	22.08	21.94	22.09	22.00		
10	16QAM	25	0	21.23	21.13	21.23	20.97	21.8	2
10	16QAM	25	12	21.26	21.09	21.21	21.05		
10	16QAM	25	25	21.25	20.99	21.01	20.92		
10	16QAM	50	0	21.11	21.04	21.08	21.01		
10	64QAM	1	0	21.21	20.99	21.16	20.97	21.8	2
10	64QAM	1	25	21.23	21.09	21.15	21.14		
10	64QAM	1	49	21.06	21.00	21.04	20.95		
10	64QAM	25	0	20.18	20.17	20.26	20.11	20.8	3
10	64QAM	25	12	20.24	20.05	20.11	19.99		
10	64QAM	25	25	20.15	19.93	20.08	19.95		
10	64QAM	50	0	20.25	19.95	20.13	20.13		
10	256QAM	1	0	18.08	17.95	18.01	17.89	18.8	5
10	256QAM	1	25	18.09	17.93	18.07	18.02		
10	256QAM	1	49	18.02	17.86	18.03	17.98		
10	256QAM	25	0	18.28	18.03	18.16	18.17	18.8	5
10	256QAM	25	12	18.34	18.03	18.20	18.17		
10	256QAM	25	25	18.26	18.02	18.15	18.09		
10	256QAM	50	0	18.31	17.97	18.23	18.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	23.04	22.86	22.90	22.77	23.8	0
5	QPSK	1	12	23.02	22.79	22.77	22.79		
5	QPSK	1	24	23.01	22.81	22.84	22.84		
5	QPSK	12	0	22.28	22.01	22.21	22.03	22.8	1
5	QPSK	12	7	22.21	21.94	22.03	22.09		
5	QPSK	12	13	22.22	21.95	22.08	22.07		
5	QPSK	25	0	22.19	22.01	22.10	21.97		
5	16QAM	1	0	22.10	21.88	22.04	22.03	22.8	1
5	16QAM	1	12	22.10	21.97	22.13	21.95		
5	16QAM	1	24	22.13	21.85	22.09	22.05		
5	16QAM	12	0	21.21	21.18	21.17	21.04	21.8	2
5	16QAM	12	7	21.21	21.10	21.15	21.10		
5	16QAM	12	13	21.12	21.05	21.03	21.01		
5	16QAM	25	0	21.17	20.99	21.02	20.91		
5	64QAM	1	0	21.21	21.00	21.10	21.06	21.8	2
5	64QAM	1	12	21.31	21.13	21.13	21.08		
5	64QAM	1	24	21.08	21.05	21.00	20.97		
5	64QAM	12	0	20.19	20.06	20.29	20.04	20.8	3
5	64QAM	12	7	20.30	20.12	20.18	20.08		
5	64QAM	12	13	20.22	19.90	19.97	19.96		
5	64QAM	25	0	20.26	20.05	20.17	20.13		
5	256QAM	1	0	18.20	17.92	18.09	17.93	18.8	5
5	256QAM	1	12	18.16	18.02	18.02	18.02		
5	256QAM	1	24	18.07	17.85	18.02	17.90		
5	256QAM	12	0	18.30	18.03	18.17	18.19	18.8	5
5	256QAM	12	7	18.25	18.05	18.08	18.23		
5	256QAM	12	13	18.24	18.15	18.08	18.01		
5	256QAM	25	0	18.28	18.08	18.17	18.16		

Band 48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.82	20.90	20.84	20.86	21	0
20	QPSK	1	49	20.62	20.74	20.66	20.65		
20	QPSK	1	99	20.60	20.64	20.50	20.51		
20	QPSK	50	0	19.89	19.93	19.90	19.84	20	1
20	QPSK	50	24	19.85	19.87	19.84	19.82		
20	QPSK	50	50	19.71	19.86	19.80	19.80		
20	QPSK	100	0	19.90	19.91	19.87	19.78		
20	16QAM	1	0	19.85	19.89	19.77	19.84	20	1
20	16QAM	1	49	19.70	19.82	19.67	19.74		
20	16QAM	1	99	19.69	19.75	19.70	19.61		
20	16QAM	50	0	18.85	18.90	18.77	18.77	19	2
20	16QAM	50	24	18.85	18.93	18.82	18.88		
20	16QAM	50	50	18.84	18.90	18.85	18.82		
20	16QAM	100	0	18.77	18.92	18.84	18.90		
20	64QAM	1	0	18.83	18.89	18.83	18.83	19	2
20	64QAM	1	49	18.92	18.93	18.89	18.84		
20	64QAM	1	99	18.84	18.85	18.72	18.83		
20	64QAM	50	0	17.82	17.93	17.87	17.91	18	3
20	64QAM	50	24	17.90	17.94	17.79	17.89		
20	64QAM	50	50	17.85	17.91	17.85	17.84		
20	64QAM	100	0	17.84	17.90	17.82	17.86		
20	256QAM	1	0	15.82	15.84	15.73	15.78	16	5
20	256QAM	1	49	15.85	15.97	15.82	15.88		
20	256QAM	1	99	15.63	15.76	15.62	15.61		
20	256QAM	50	0	15.86	15.98	15.87	15.86	16	5
20	256QAM	50	24	15.99	16.00	15.90	15.88		
20	256QAM	50	50	15.85	15.94	15.90	15.80		
20	256QAM	100	0	15.91	15.96	15.83	15.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	20.74	20.83	20.80	20.80	21	0
15	QPSK	1	37	20.48	20.65	20.58	20.59		
15	QPSK	1	74	20.59	20.49	20.37	20.48		
15	QPSK	36	0	19.81	19.83	19.76	19.80	20	1
15	QPSK	36	20	19.73	19.85	19.79	19.72		
15	QPSK	36	39	19.68	19.84	19.79	19.79		
15	QPSK	75	0	19.83	19.77	19.84	19.66		
15	16QAM	1	0	19.78	19.76	19.74	19.80	20	1
15	16QAM	1	37	19.69	19.73	19.66	19.62		
15	16QAM	1	74	19.62	19.60	19.58	19.60		
15	16QAM	36	0	18.74	18.79	18.65	18.76	19	2
15	16QAM	36	20	18.74	18.84	18.76	18.74		
15	16QAM	36	39	18.69	18.81	18.78	18.69		
15	16QAM	75	0	18.66	18.80	18.72	18.81		
15	64QAM	1	0	18.68	18.82	18.77	18.70	19	2
15	64QAM	1	37	18.82	18.80	18.74	18.72		
15	64QAM	1	74	18.83	18.78	18.67	18.72		
15	64QAM	36	0	17.77	17.84	17.75	17.87	18	3
15	64QAM	36	20	17.75	17.80	17.71	17.88		
15	64QAM	36	39	17.79	17.77	17.77	17.78		
15	64QAM	75	0	17.80	17.79	17.75	17.83		
15	256QAM	1	0	15.68	15.77	15.71	15.72	16	5
15	256QAM	1	37	15.77	15.83	15.74	15.87		
15	256QAM	1	74	15.56	15.66	15.47	15.55		
15	256QAM	36	0	15.84	15.86	15.83	15.72	16	5
15	256QAM	36	20	15.98	15.97	15.89	15.75		
15	256QAM	36	39	15.72	15.79	15.80	15.69		
15	256QAM	75	0	15.84	15.90	15.76	15.80		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.79	20.89	20.78	20.78	21	0
10	QPSK	1	25	20.49	20.68	20.56	20.59		
10	QPSK	1	49	20.58	20.63	20.39	20.44		
10	QPSK	25	0	19.85	19.79	19.86	19.70	20	1
10	QPSK	25	12	19.73	19.73	19.83	19.73		
10	QPSK	25	25	19.60	19.79	19.78	19.71		
10	QPSK	50	0	19.81	19.87	19.84	19.70		
10	16QAM	1	0	19.71	19.77	19.62	19.82	20	1
10	16QAM	1	25	19.57	19.67	19.63	19.66		
10	16QAM	1	49	19.66	19.70	19.55	19.49		
10	16QAM	25	0	18.70	18.79	18.72	18.75	19	2
10	16QAM	25	12	18.84	18.78	18.71	18.82		
10	16QAM	25	25	18.80	18.86	18.78	18.69		
10	16QAM	50	0	18.74	18.88	18.78	18.76		
10	64QAM	1	0	18.74	18.77	18.76	18.72	19	2
10	64QAM	1	25	18.78	18.84	18.78	18.73		
10	64QAM	1	49	18.80	18.83	18.70	18.71		
10	64QAM	25	0	17.68	17.78	17.76	17.88	18	3
10	64QAM	25	12	17.86	17.79	17.73	17.87		
10	64QAM	25	25	17.80	17.78	17.73	17.73		
10	64QAM	50	0	17.73	17.85	17.73	17.79		
10	256QAM	1	0	15.77	15.78	15.58	15.71	16	5
10	256QAM	1	25	15.80	15.82	15.79	15.85		
10	256QAM	1	49	15.48	15.67	15.49	15.59		
10	256QAM	25	0	15.76	15.92	15.75	15.84	16	5
10	256QAM	25	12	15.86	15.91	15.77	15.77		
10	256QAM	25	25	15.71	15.81	15.85	15.68		
10	256QAM	50	0	15.84	15.93	15.77	15.79		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	20.67	20.78	20.70	20.85	21	0
5	QPSK	1	12	20.50	20.69	20.59	20.58		
5	QPSK	1	24	20.54	20.62	20.44	20.41		
5	QPSK	12	0	19.88	19.85	19.87	19.71	20	1
5	QPSK	12	7	19.78	19.74	19.82	19.68		
5	QPSK	12	13	19.65	19.72	19.65	19.77		
5	QPSK	25	0	19.80	19.80	19.83	19.64		
5	16QAM	1	0	19.75	19.86	19.75	19.69	20	1
5	16QAM	1	12	19.69	19.80	19.62	19.71		
5	16QAM	1	24	19.60	19.69	19.65	19.48		
5	16QAM	12	0	18.83	18.83	18.76	18.66	19	2
5	16QAM	12	7	18.79	18.87	18.80	18.83		
5	16QAM	12	13	18.70	18.86	18.74	18.78		
5	16QAM	25	0	18.65	18.77	18.77	18.89		
5	64QAM	1	0	18.68	18.75	18.80	18.70	19	2
5	64QAM	1	12	18.88	18.82	18.87	18.76		
5	64QAM	1	24	18.74	18.72	18.68	18.72		
5	64QAM	12	0	17.73	17.86	17.82	17.83	18	3
5	64QAM	12	7	17.78	17.83	17.66	17.81		
5	64QAM	12	13	17.80	17.77	17.71	17.82		
5	64QAM	25	0	17.77	17.89	17.68	17.80		
5	256QAM	1	0	15.70	15.78	15.65	15.65	16	5
5	256QAM	1	12	15.75	15.85	15.75	15.74		
5	256QAM	1	24	15.49	15.74	15.56	15.48		
5	256QAM	12	0	15.74	15.85	15.73	15.71	16	5
5	256QAM	12	7	15.98	15.94	15.80	15.76		
5	256QAM	12	13	15.71	15.80	15.83	15.76		
5	256QAM	25	0	15.88	15.82	15.76	15.80		

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.06	20.20	20.16	19.96	20.3	0
20	QPSK	1	49	20.04	20.14	20.10	19.92		
20	QPSK	1	99	19.95	20.02	19.95	19.81		
20	QPSK	50	0	19.14	19.18	19.05	19.08	19.3	1
20	QPSK	50	24	19.12	19.15	19.04	18.91		
20	QPSK	50	50	19.04	19.13	19.00	19.02		
20	QPSK	100	0	19.11	19.12	19.02	18.99		
20	16QAM	1	0	19.05	19.07	19.03	18.93	19.3	1
20	16QAM	1	49	19.04	19.07	18.94	18.95		
20	16QAM	1	99	18.87	19.00	18.92	18.78		
20	16QAM	50	0	18.05	18.17	18.07	17.97	18.3	2
20	16QAM	50	24	17.99	18.14	18.01	17.89		
20	16QAM	50	50	18.02	18.09	17.95	17.85		
20	16QAM	100	0	17.96	18.11	18.03	17.94		
20	64QAM	1	0	18.12	18.23	18.17	18.00	18.3	2
20	64QAM	1	49	18.04	18.18	18.08	18.03		
20	64QAM	1	99	18.04	18.09	18.06	17.88		
20	64QAM	50	0	17.14	17.17	17.02	17.06	17.3	3
20	64QAM	50	24	17.09	17.15	17.09	16.97		
20	64QAM	50	50	17.08	17.13	17.09	16.97		
20	64QAM	100	0	17.05	17.12	16.97	16.95		
20	256QAM	1	0	15.02	15.05	14.98	14.82	15.3	5
20	256QAM	1	49	15.02	15.13	14.98	14.92		
20	256QAM	1	99	14.91	14.98	14.90	14.87		
20	256QAM	50	0	15.13	15.23	15.17	14.98	15.3	5
20	256QAM	50	24	15.20	15.21	15.12	14.96		
20	256QAM	50	50	15.08	15.17	15.15	14.98		
20	256QAM	100	0	15.13	15.18	15.14	14.95		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	20.08	20.04	20.02	19.88	20.3	0
15	QPSK	1	37	20.12	20.01	19.96	19.78		
15	QPSK	1	74	19.96	19.81	19.90	19.67		
15	QPSK	36	0	19.07	19.01	18.93	19.01	19.3	1
15	QPSK	36	20	19.14	19.07	19.01	18.82		
15	QPSK	36	39	19.06	18.99	18.88	18.97		
15	QPSK	75	0	19.05	19.03	18.97	18.85		
15	16QAM	1	0	19.04	18.96	18.96	18.84	19.3	1
15	16QAM	1	37	19.00	19.02	18.82	18.86		
15	16QAM	1	74	18.96	18.74	18.90	18.76		
15	16QAM	36	0	18.07	17.91	17.99	17.95	18.3	2
15	16QAM	36	20	18.01	17.98	17.94	17.87		
15	16QAM	36	39	18.04	17.94	17.88	17.84		
15	16QAM	75	0	18.02	17.94	17.89	17.91		
15	64QAM	1	0	18.18	18.10	18.05	17.98	18.3	2
15	64QAM	1	37	18.03	18.03	18.06	18.02		
15	64QAM	1	74	17.94	17.92	17.91	17.73		
15	64QAM	36	0	17.05	17.06	16.90	16.91	17.3	3
15	64QAM	36	20	17.04	16.94	16.98	16.92		
15	64QAM	36	39	17.06	17.00	16.99	16.91		
15	64QAM	75	0	17.02	16.97	16.93	16.94		
15	256QAM	1	0	14.90	14.97	14.96	14.75	15.3	5
15	256QAM	1	37	15.11	14.99	14.95	14.82		
15	256QAM	1	74	14.90	14.85	14.84	14.84		
15	256QAM	36	0	15.22	15.10	15.10	14.89	15.3	5
15	256QAM	36	20	15.06	15.05	15.02	14.85		
15	256QAM	36	39	15.12	14.96	15.08	14.87		
15	256QAM	75	0	15.06	15.02	15.10	14.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.13	20.03	20.13	19.92	20.3	0
10	QPSK	1	25	20.03	19.90	19.95	19.80		
10	QPSK	1	49	19.95	19.84	19.87	19.77		
10	QPSK	25	0	19.17	19.13	18.99	19.01	19.3	1
10	QPSK	25	12	19.05	19.11	18.98	18.85		
10	QPSK	25	25	19.04	18.90	18.88	18.88		
10	QPSK	50	0	19.00	19.04	18.95	18.94		
10	16QAM	1	0	18.93	18.96	19.01	18.83	19.3	1
10	16QAM	1	25	19.01	18.99	18.88	18.80		
10	16QAM	1	49	18.85	18.84	18.90	18.76		
10	16QAM	25	0	18.03	17.92	17.97	17.96	18.3	2
10	16QAM	25	12	18.01	17.85	17.97	17.77		
10	16QAM	25	25	18.01	17.96	17.93	17.73		
10	16QAM	50	0	17.99	17.90	17.91	17.82		
10	64QAM	1	0	18.20	18.10	18.13	17.89	18.3	2
10	64QAM	1	25	18.05	17.97	17.94	17.88		
10	64QAM	1	49	18.07	18.03	17.98	17.82		
10	64QAM	25	0	17.13	17.06	16.89	16.90	17.3	3
10	64QAM	25	12	17.07	17.07	16.99	16.87		
10	64QAM	25	25	16.98	16.94	16.98	16.95		
10	64QAM	50	0	17.09	16.91	16.92	16.91		
10	256QAM	1	0	15.03	14.90	14.89	14.74	15.3	5
10	256QAM	1	25	15.05	14.99	14.92	14.83		
10	256QAM	1	49	14.97	14.88	14.77	14.76		
10	256QAM	25	0	15.20	15.01	15.15	14.86	15.3	5

Reduced Power Mode for DSI 4

GSM850_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.01	32.80	33.05	**34.00**	24.01	23.80	24.05	**25.00**
GPRS 1 Tx slot		32.92	32.81	32.96	**34.00**	23.92	23.81	23.96	**25.00**
GPRS 2 Tx slots		29.79	29.81	29.89	**31.00**	23.79	23.81	23.89	**25.00**
GPRS 3 Tx slots		27.96	28.01	28.03	**29.20**	23.70	23.75	23.77	**24.94**
GPRS 4 Tx slots		26.71	26.82	26.79	**28.50**	23.71	23.82	23.79	**25.50**
EDGE(GMSK 1 Tx slot)		32.91	32.77	32.85	**34.00**	23.91	23.77	23.85	**25.00**
EDGE(GMSK 2 Tx slot)		29.78	29.83	29.82	**31.00**	23.78	23.83	23.82	**25.00**
EDGE(GMSK 3 Tx slot)		27.95	27.98	27.98	**29.20**	23.69	23.72	23.72	**24.94**
EDGE(GMSK 4 Tx slot)		26.72	26.77	26.78	**28.50**	23.72	23.77	23.78	**25.50**
EDGE(8PSK1 Tx slot)		26.77	27.01	27.17	**28.00**	17.77	18.01	18.17	**19.00**
EDGE(8PSK 2 Tx slot)		23.68	23.97	23.71	**25.00**	17.68	17.97	17.71	**19.00**
EDGE(8PSK 3 Tx slot)		21.82	22.16	22.47	**23.20**	17.56	17.90	18.21	**18.94**
EDGE(8PSK 4 Tx slot)		20.88	21.24	21.51	**22.50**	17.88	18.24	18.51	**19.50**
DTM Multi-slot class 5	GSM 1 Tx slot	29.77	29.68	29.77	**31.00**	23.71	23.66	23.73	**24.98**
	GPRS 1 Tx slot	29.69	29.69	29.74	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.70	29.68	29.88	**31.00**	23.87	23.70	23.82	**24.98**
	GPRS 1 Tx slot	29.69	29.77	29.81	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.88	27.92	27.93	**29.20**	23.64	23.71	23.70	**24.94**
	GPRS 2 Tx slots	27.91	27.99	27.97	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.64	29.74	29.83	**31.00**	21.58	21.71	21.74	**22.94**
	EDGE 1 Tx slot	23.64	23.90	23.66	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.68	29.71	29.85	**31.00**	21.60	21.70	21.74	**22.94**
	EDGE 1 Tx slot	23.58	23.92	23.60	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.91	27.90	27.93	**29.20**	20.59	20.68	20.84	**21.94**
	EDGE 2 Tx slots	21.75	22.04	22.42	**23.20**				

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		28.67	28.73	28.65	**29.70**	19.67	19.73	19.65	**20.70**
GPRS 1 Tx slot		28.73	28.76	28.80	**29.70**	19.73	19.76	19.80	**20.70**
GPRS 2 Tx slots		25.39	25.57	25.54	**26.70**	19.39	19.57	19.54	**20.70**
GPRS 3 Tx slots		23.08	23.51	23.37	**24.70**	18.82	19.25	19.11	**20.44**
GPRS 4 Tx slots		22.56	22.54	22.57	**23.70**	19.56	19.54	19.57	**20.70**
EDGE(GMSK 1 Tx slot)		28.64	28.63	28.68	**29.70**	19.64	19.63	19.68	**20.70**
EDGE(GMSK 2 Tx slot)		25.30	25.42	25.47	**26.70**	19.30	19.42	19.47	**20.70**
EDGE(GMSK 3 Tx slot)		23.02	23.47	23.35	**24.70**	18.76	19.21	19.09	**20.44**
EDGE(GMSK 4 Tx slot)		22.42	22.53	22.45	**23.70**	19.42	19.53	19.45	**20.70**
EDGE(8PSK1 Tx slot)		25.63	25.68	25.75	**26.50**	16.63	16.68	16.75	**17.50**
EDGE(8PSK 2 Tx slot)		23.01	22.95	23.11	**24.00**	17.01	16.95	17.11	**18.00**
EDGE(8PSK 3 Tx slot)		21.83	21.94	21.79	**22.80**	17.57	17.68	17.53	**18.54**
EDGE(8PSK 4 Tx slot)		20.88	20.92	20.86	**22.00**	17.88	17.92	17.86	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	25.25	25.47	25.41	**26.70**	19.27	19.47	19.44	**20.68**
	GPRS 1 Tx slot	25.33	25.51	25.52	**26.70**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.33	25.49	25.51	**26.70**	19.33	19.47	19.48	**20.68**
	GPRS 1 Tx slot	25.38	25.50	25.49	**26.70**				
DTM Multi-slot class 11	GSM 1 Tx slot	22.96	23.49	23.33	**24.70**	18.73	19.15	19.04	**20.44**
	GPRS 2 Tx slots	23.00	23.37	23.28	**24.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	25.26	25.53	25.53	**26.70**	18.24	18.38	18.41	**19.54**
	EDGE 1 Tx slot	22.55	22.86	22.96	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.32	25.52	25.45	**26.70**	18.29	18.38	18.41	**19.54**
	EDGE 1 Tx slot	23.00	22.89	23.09	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.04	23.41	23.32	**24.70**	17.95	18.20	18.06	**19.27**
	EDGE 2 Tx slots	21.72	21.89	21.72	**22.80**				

GSM1900_Ant 6		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		25.14	25.21	25.00	**26.20**	16.14	16.21	16.00	**17.20**
GPRS 1 Tx slot		25.19	25.23	25.04	**26.20**	16.19	16.23	16.04	**17.20**
GPRS 2 Tx slots		22.51	22.41	22.50	**23.20**	16.51	16.41	16.50	**17.20**
GPRS 3 Tx slots		20.36	20.33	20.44	**21.20**	16.10	16.07	16.18	**16.94**
GPRS 4 Tx slots		18.77	18.79	18.82	**20.20**	15.77	15.79	15.82	**17.20**
EDGE(GMSK 1 Tx slot)		25.10	25.19	25.03	**26.20**	16.10	16.19	16.03	**17.20**
EDGE(GMSK 2 Tx slot)		22.45	22.28	22.45	**23.20**	16.45	16.28	16.45	**17.20**
EDGE(GMSK 3 Tx slot)		20.22	20.32	20.37	**21.20**	15.96	16.06	16.11	**16.94**
EDGE(GMSK 4 Tx slot)		18.69	18.64	18.75	**20.20**	15.69	15.64	15.75	**17.20**
EDGE(8PSK1 Tx slot)		23.94	24.05	24.06	**25.00**	14.94	15.05	15.06	**16.00**
EDGE(8PSK 2 Tx slot)		21.20	21.24	21.37	**22.60**	15.20	15.24	15.37	**16.60**
EDGE(8PSK 3 Tx slot)		20.11	20.21	20.10	**21.30**	15.85	15.95	15.84	**17.04**
EDGE(8PSK 4 Tx slot)		19.18	19.25	19.14	**20.00**	16.18	16.25	16.14	**17.00**
DTM Multi-slot class 5	GSM 1 Tx slot	22.46	22.32	22.40	**23.20**	16.46	16.29	16.39	**17.18**
	GPRS 1 Tx slot	22.50	22.31	22.42	**23.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	22.43	22.40	22.35	**23.20**	16.38	16.32	16.35	**17.18**
	GPRS 1 Tx slot	22.37	22.29	22.40	**23.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.25	20.27	20.29	**21.20**	16.06	16.00	16.04	**16.94**
	GPRS 2 Tx slots	20.35	20.25	20.31	**21.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	22.39	22.38	22.44	**23.20**	15.82	15.83	15.92	**16.84**
	EDGE 1 Tx slot	21.20	21.24	21.37	**22.60**				
DTM Multi-slot class 9	GSM 1 Tx slot	22.42	22.28	22.43	**23.20**	15.83	15.77	15.91	**16.84**
	EDGE 1 Tx slot	21.20	21.24	21.37	**22.60**				
DTM Multi-slot class 11	GSM 1 Tx slot	20.22	20.21	20.40	**21.20**	15.89	15.95	15.94	**17.01**
	EDGE 2 Tx slots	20.11	20.21	20.10	**21.30**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 6			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	19.16	19.07	19.14	**19.30**	18.62	18.67	18.54	**18.80**
3GPP Rel 99	RMC 12.2Kbps	19.21	19.23	19.22	**19.30**	18.68	18.71	18.58	**18.80**
3GPP Rel 6	HSDPA Subtest-1	18.46	18.48	18.35	**19.30**	17.80	17.90	17.65	**18.80**
3GPP Rel 6	HSDPA Subtest-2	18.45	18.47	18.34	**19.30**	17.83	17.89	17.64	**18.80**
3GPP Rel 6	HSDPA Subtest-3	17.95	17.97	17.81	**18.80**	17.34	17.37	17.14	**18.30**
3GPP Rel 6	HSDPA Subtest-4	17.97	18.00	17.87	**18.80**	17.33	17.36	17.16	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-1	18.41	18.35	18.33	**19.30**	17.78	17.84	17.54	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-2	18.39	18.45	18.19	**19.30**	17.80	17.82	17.59	**18.80**
3GPP Rel 8	DC-HSDPA Subtest-3	17.90	17.90	17.78	**18.80**	17.32	17.23	17.05	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-4	17.86	17.98	17.85	**18.80**	17.21	17.25	17.07	**18.30**
3GPP Rel 6	HSUPA Subtest-1	18.41	18.51	18.33	**19.30**	17.86	18.04	17.70	**18.80**
3GPP Rel 6	HSUPA Subtest-2	16.44	16.51	16.31	**17.30**	15.91	15.91	15.79	**16.80**
3GPP Rel 6	HSUPA Subtest-3	17.40	17.45	17.37	**18.30**	16.94	16.97	16.78	**17.80**
3GPP Rel 6	HSUPA Subtest-4	16.41	16.50	16.33	**17.30**	15.93	15.90	15.81	**16.80**
3GPP Rel 6	HSUPA Subtest-5	18.40	18.50	18.30	**19.30**	17.81	17.99	17.83	**18.80**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.35	16.36	16.17	**16.80**	15.84	15.83	15.72	**16.30**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 6			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1712.4	1752.6		1712.4	1712.4	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.88	18.78	18.94	**19.50**	17.04	16.90	17.13	**18.00**
3GPP Rel 99	RMC 12.2Kbps	18.90	18.99	18.97	**19.50**	17.12	17.14	17.07	**18.00**
3GPP Rel 6	HSDPA Subtest-1	18.11	17.86	17.99	**18.50**	16.48	16.36	16.42	**17.00**
3GPP Rel 6	HSDPA Subtest-2	18.06	17.85	18.04	**18.50**	16.44	16.26	16.47	**17.00**
3GPP Rel 6	HSDPA Subtest-3	17.67	17.47	17.48	**18.00**	15.53	15.90	15.90	**16.50**
3GPP Rel 6	HSDPA Subtest-4	17.61	17.48	17.47	**18.00**	15.59	15.85	15.99	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-1	17.33	17.51	17.42	**18.50**	15.75	15.90	15.83	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-2	17.40	17.48	17.40	**18.50**	15.80	15.96	15.90	**17.00**
3GPP Rel 8	DC-HSDPA Subtest-3	16.99	17.05	16.91	**18.00**	15.34	15.42	15.32	**16.50**
3GPP Rel 8	DC-HSDPA Subtest-4	17.05	17.07	17.05	**18.00**	15.41	15.45	15.34	**16.50**
3GPP Rel 6	HSUPA Subtest-1	17.97	18.14	17.94	**18.50**	16.45	16.38	16.45	**17.00**
3GPP Rel 6	HSUPA Subtest-2	15.88	16.00	15.84	**16.50**	14.35	14.31	14.40	**15.00**
3GPP Rel 6	HSUPA Subtest-3	16.91	16.86	16.82	**17.50**	15.52	15.26	15.45	**16.00**
3GPP Rel 6	HSUPA Subtest-4	15.93	15.99	15.87	**16.50**	14.29	14.27	14.33	**15.00**
3GPP Rel 6	HSUPA Subtest-5	17.90	17.93	17.95	**18.50**	16.47	16.27	16.51	**17.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.68	15.87	15.77	**16.00**	14.14	14.24	14.32	**14.50**

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 6			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	24.27	24.22	24.25	**25.00**	23.48	23.43	23.43	**24.10**
3GPP Rel 99	RMC 12.2Kbps	24.35	24.36	24.22	**25.00**	23.45	23.52	23.44	**24.10**
3GPP Rel 6	HSDPA Subtest-1	23.36	23.27	23.29	**24.00**	22.47	22.42	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-2	23.39	23.23	23.27	**24.00**	22.52	22.45	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-3	22.88	22.76	22.79	**23.50**	22.05	21.94	21.96	**22.60**
3GPP Rel 6	HSDPA Subtest-4	22.90	22.80	22.78	**23.50**	22.06	21.95	21.93	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.19	23.09	**24.00**	22.00	22.03	21.95	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.21	23.07	**24.00**	21.95	22.09	21.93	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.73	22.69	**23.50**	21.50	21.51	21.41	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.71	22.60	**23.50**	21.53	21.55	21.43	**22.60**
3GPP Rel 6	HSUPA Subtest-1	23.33	23.27	23.30	**24.00**	22.50	22.41	22.45	**23.10**
3GPP Rel 6	HSUPA Subtest-2	21.32	21.26	21.29	**22.00**	20.46	20.40	20.46	**21.10**
3GPP Rel 6	HSUPA Subtest-3	22.27	22.26	21.28	**23.00**	21.45	21.44	21.43	**22.10**
3GPP Rel 6	HSUPA Subtest-4	21.29	21.26	21.29	**22.00**	20.45	20.44	20.43	**21.10**
3GPP Rel 6	HSUPA Subtest-5	23.30	23.30	23.30	**24.00**	22.40	22.40	22.50	**23.10**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.24	21.21	21.19	**21.50**	20.39	20.36	20.34	**20.60**

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.55	20.57	20.47		
20	QPSK	1	49	20.49	20.52	20.41	20.8	0
20	QPSK	1	99	20.53	20.43	20.39		
20	QPSK	50	0	20.49	20.49	20.41		
20	QPSK	50	24	20.43	20.43	20.32	20.8	0
20	QPSK	50	50	20.41	20.48	20.37		
20	QPSK	100	0	20.43	20.45	20.40		
20	16QAM	1	0	20.42	20.44	20.45		
20	16QAM	1	49	20.51	20.50	20.40	20.8	0
20	16QAM	1	99	20.54	20.53	20.42		
20	16QAM	50	0	20.49	20.47	20.33		
20	16QAM	50	24	20.54	20.43	20.41	20.8	0
20	16QAM	50	50	20.42	20.43	20.35		
20	16QAM	100	0	20.53	20.55	20.40		
20	64QAM	1	0	20.51	20.56	20.39		
20	64QAM	1	49	20.43	20.54	20.43	20.8	0
20	64QAM	1	99	20.47	20.56	20.43		
20	64QAM	50	0	20.46	20.49	20.32		
20	64QAM	50	24	20.45	20.45	20.38	20.8	0
20	64QAM	50	50	20.43	20.42	20.43		
20	64QAM	100	0	20.52	20.56	20.33		
20	256QAM	1	0	18.38	18.45	18.36		
20	256QAM	1	49	18.39	18.41	18.52	19.3	1.5
20	256QAM	1	99	18.48	18.45	18.39		
20	256QAM	50	0	18.29	18.40	18.39		
20	256QAM	50	24	18.40	18.37	18.38	19.3	1.5
20	256QAM	50	50	18.40	18.30	18.39		
20	256QAM	100	0	18.49	18.40	18.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.37		
15	QPSK	1	37	20.46	20.45	20.27	20.8	0
15	QPSK	1	74	20.49	20.40	20.25		
15	QPSK	36	0	20.44	20.46	20.31		
15	QPSK	36	20	20.41	20.46	20.23	20.8	0
15	QPSK	36	39	20.32	20.42	20.31		
15	QPSK	75	0	20.37	20.30	20.26		
15	16QAM	1	0	20.37	20.33	20.35		
15	16QAM	1	37	20.41	20.37	20.32	20.8	0
15	16QAM	1	74	20.40	20.47	20.37		
15	16QAM	36	0	20.48	20.46	20.27		
15	16QAM	36	20	20.30	20.34	20.30	20.8	0
15	16QAM	36	39	20.27	20.28	20.34		
15	16QAM	75	0	20.42	20.41	20.36		
15	64QAM	1	0	20.42	20.51	20.28		
15	64QAM	1	37	20.38	20.46	20.39	20.8	0
15	64QAM	1	74	20.41	20.51	20.42		
15	64QAM	36	0	20.34	20.46	20.21		
15	64QAM	36	20	20.39	20.42	20.32	20.8	0
15	64QAM	36	39	20.28	20.36	20.36		
15	64QAM	75	0	20.49	20.52	20.23		
15	256QAM	1	0	18.23	18.42	18.25		
15	256QAM	1	37	18.27	18.35	18.45	19.3	1.5
15	256QAM	1	74	18.38	18.39	18.35		
15	256QAM	36	0	18.15	18.39	18.38		
15	256QAM	36	20	18.43	18.22	18.23	19.3	1.5
15	256QAM	36	39	18.31	18.28	18.25		
15	256QAM	75	0	18.49	18.36	18.33		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.43	20.51	20.38		
10	QPSK	1	25	20.38	20.40	20.28	20.8	0
10	QPSK	1	49	20.39	20.40	20.25		
10	QPSK	25	0	20.31	20.37	20.32		
10	QPSK	25	12	20.41	20.31	20.28	20.8	0
10	QPSK	25	25	20.26	20.43	20.33		
10	QPSK	50	0	20.40	20.43	20.30		
10	16QAM	1	0	20.30	20.35	20.44		
10	16QAM	1	25	20.46	20.48	20.39	20.8	0
10	16QAM	1	49	20.44	20.46	20.40		
10	16QAM	25	0	20.42	20.40	20.25		
10	16QAM	25	12	20.48	20.41	20.40	20.8	0
10	16QAM	25	25	20.28	20.28	20.24		
10	16QAM	50	0	20.50	20.43	20.34		
10	64QAM	1	0	20.49	20.47	20.33		
10	64QAM	1	25	20.37	20.53	20.32	20.8	0
10	64QAM	1	49	20.39	20.50	20.30		
10	64QAM	25	0	20.37	20.37	20.19		
10	64QAM	25	12	20.30	20.31	20.26	20.8	0
10	64QAM	25	25	20.34	20.33	20.34		
10	64QAM	50	0	20.48	20.46	20.19		
10	256QAM	1	0	18.30	18.39	18.32		
10	256QAM	1	25	18.35	18.35	18.42	19.3	1.5
10	256QAM	1	49	18.43	18.35	18.25		
10	256QAM	25	0	18.19	18.31	18.31		
10	256QAM	25	12	18.32	18.35	18.29	19.3	1.5
10	256QAM	25	25	18.37	18.28	18.28		
10	256QAM	50	0	18.46	18.29	18.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.47	20.44	20.34		
5	QPSK	1	12	20.34	20.40	20.35	20.8	0
5	QPSK	1	24	20.46	20.37	20.32		
5	QPSK	12	0	20.44	20.42	20.39		
5	QPSK	12	7	20.42	20.33	20.18	20.8	0
5	QPSK	12	13	20.33	20.39	20.25		
5	QPSK	25	0	20.36	20.37	20.36		
5	16QAM	1	0	20.39	20.33	20.44		
5	16QAM	1	12	20.43	20.42	20.33	20.8	0
5	16QAM	1	24	20.46	20.46	20.32		
5	16QAM	12	0	20.36	20.32	20.27		
5	16QAM	12	7	20.41	20.35	20.34	20.8	0
5	16QAM	12	13	20.33	20.40	20.30		
5	16QAM	25	0	20.41	20.42	20.26		
5	64QAM	1	0	20.42	20.46	20.35		
5	64QAM	1	12	20.42	20.45	20.36	20.8	0
5	64QAM	1	24	20.36	20.48	20.40		
5	64QAM	12	0	20.47	20.47	20.25		
5	64QAM	12	7	20.34	20.41	20.23	20.8	0
5	64QAM	12	13	20.34	20.38	20.31		
5	64QAM	25	0	20.37	20.53	20.30		
5	256QAM	1	0	18.25	18.43	18.31		
5	256QAM	1	12	18.31	18.29	18.46	19.3	1.5
5	256QAM	1	24	18.38	18.35	18.25		
5	256QAM	12	0	18.36	18.29	18.45		
5	256QAM	12	7	18.37	18.35	18.31	19.3	1.5
5	256QAM	12	13	18.27	18.21	18.34		
5	256QAM	25	0	18.37	18.29	18.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.52	20.38		
3	QPSK	1	8	20.48	20.43	20.29	20.8	0
3	QPSK	1	14	20.38	20.38	20.36		
3	QPSK	8	0	20.36	20.36	20.38		
3	QPSK	8	4	20.35	20.41	20.22	20.8	0
3	QPSK	8	7	20.26	20.36	20.28		
3	QPSK	15	0	20.36	20.42	20.26		
3	16QAM	1	0	20.38	20.31	20.31		
3	16QAM	1	8	20.45	20.49	20.32	20.8	0
3	16QAM	1	14	20.42	20.46	20.27		
3	16QAM	8	0	20.44	20.40	20.26		
3	16QAM	8	4	20.47	20.34	20.31	20.8	0
3	16QAM	8	7	20.41	20.40	20.27		
3	16QAM	15	0	20.43	20.41	20.29		
3	64QAM	1	0	20.50	20.51	20.36		
3	64QAM	1	8	20.39	20.39	20.35	20.8	0
3	64QAM	1	14	20.44	20.44	20.38		
3	64QAM	8	0	20.40	20.40	20.31		
3	64QAM	8	4	20.31	20.30	20.23	20.8	0
3	64QAM	8	7	20.32	20.33	20.38		
3	64QAM	15	0	20.41	20.41	20.30		
3	256QAM	1	0	18.36	18.43	18.32		
3	256QAM	1	8	18.35	18.38	18.39	19.3	1.5
3	256QAM	1	14	18.42	18.30	18.26		
3	256QAM	8	0	18.21	18.27	18.25		
3	256QAM	8	4	18.38	18.30	18.24		
3	256QAM	8	7	18.37	18.27	18.28	19.3	1.5
3	256QAM	15	0	18.41	18.39	18.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.51	20.51	20.34		
1.4	QPSK	1	3	20.46	20.48	20.33		
1.4	QPSK	1	5	20.44	20.36	20.37	20.8	0
1.4	QPSK	3	0	20.49	20.35	20.31		
1.4	QPSK	3	1	20.37	20.28	20.22		
1.4	QPSK	3	3	20.33	20.34	20.32		
1.4	QPSK	6	0	20.34	20.42	20.28	20.8	0
1.4	16QAM	1	0	20.42	20.40	20.30		
1.4	16QAM	1	3	20.38	20.37	20.36		
1.4	16QAM	1	5	20.44	20.48	20.33	20.8	0
1.4	16QAM	3	0	20.42	20.40	20.30		
1.4	16QAM	3	1	20.49	20.34	20.26		
1.4	16QAM	3	3	20.38	20.35	20.20		
1.4	16QAM	6	0	20.39	20.48	20.28	20.8	0
1.4	64QAM	1	0	20.42	20.42	20.26		
1.4	64QAM	1	3	20.29	20.40	20.38		
1.4	64QAM	1	5	20.43	20.47	20.40	20.8	0
1.4	64QAM	3	0	20.37	20.45	20.25		
1.4	64QAM	3	1	20.43	20.35	20.34		
1.4	64QAM	3	3	20.37	20.28	20.39		
1.4	64QAM	6	0	20.41	20.53	20.29	20.8	0
1.4	256QAM	1	0	18.35	18.34	18.23		
1.4	256QAM	1	3	18.38	18.35	18.46		
1.4	256QAM	1	5	18.35	18.33	18.37	19.3	1.5
1.4	256QAM	3	0	18.16	18.27	18.37		
1.4	256QAM	3	1	18.45	18.34	18.31		
1.4	256QAM	3	3	18.38	18.23	18.30		
1.4	256QAM	6	0	18.35	18.27	18.37	19.3	1.5

Band 2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.55	19.56	19.49		
20	QPSK	1	49	19.44	19.54	19.42	19.8	0
20	QPSK	1	99	19.55	19.49	19.45		
20	QPSK	50	0	19.51	19.53	19.48		
20	QPSK	50	24	19.42	19.52	19.44	19.8	0
20	QPSK	50	50	19.46	19.52	19.47		
20	QPSK	100	0	19.48	19.51	19.48		
20	16QAM	1	0	19.45	19.43	19.41		
20	16QAM	1	49	19.49	19.49	19.54	19.8	0
20	16QAM	1	99	19.54	19.43	19.53		
20	16QAM	50	0	19.04	19.07	19.06		
20	16QAM	50	24	19.04	19.06	18.95	19.8	0
20	16QAM	50	50	18.94	18.87	18.86		
20	16QAM	100	0	18.98	18.98	18.91		
20	64QAM	1	0	19.02	19.08	19.18		
20	64QAM	1	49	19.10	19.10	19.11	19.8	0
20	64QAM	1	99	19.02	19.00	18.95		
20	64QAM	50	0	18.97	18.99	19.03		
20	64QAM	50	24	18.92	18.96	19.00	19.8	0
20	64QAM	50	50	18.89	18.81	18.91		
20	64QAM	100	0	18.93	18.89	18.90		
20	256QAM	1	0	16.85	16.94	16.87		
20	256QAM	1	49	16.76	16.83	16.79	17.8	2
20	256QAM	1	99	16.76	16.78	16.81		
20	256QAM	50	0	16.80	16.91	16.90		
20	256QAM	50	24	16.82	16.79	16.82	17.8	2
20	256QAM	50	50	16.82	16.88	16.86		
20	256QAM	100	0	16.71	16.84	16.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.43	19.43	19.38		
15	QPSK	1	37	19.43	19.42	19.34	19.8	0
15	QPSK	1	74	19.49	19.46	19.37		
15	QPSK	36	0	19.48	19.48	19.39		
15	QPSK	36	20	19.35	19.45	19.31	19.8	0
15	QPSK	36	39	19.37	19.45	19.46		
15	QPSK	75	0	19.44	19.38	19.38		
15	16QAM	1	0	19.31	19.41	19.36		
15	16QAM	1	37	19.48	19.38	19.44	19.8	0
15	16QAM	1	74	19.43	19.33	19.50		
15	16QAM	36	0	18.93	18.97	18.91		
15	16QAM	36	20	18.90	18.94	18.90	19.8	0
15	16QAM	36	39	18.84	18.80	18.76		
15	16QAM	75	0	18.87	18.84	18.84		
15	64QAM	1	0	19.02	19.04	19.03		
15	64QAM	1	37	18.95	18.97	19.01	19.8	0
15	64QAM	1	74	18.95	18.93	18.84		
15	64QAM	36	0	18.82	18.89	18.96		
15	64QAM	36	20	18.89	18.81	18.92	19.8	0
15	64QAM	36	39	18.84	18.78	18.91		
15	64QAM	75	0	18.83	18.78	18.87		
15	256QAM	1	0	16.74	16.93	16.81		
15	256QAM	1	37	16.71	16.76	16.78	17.8	2
15	256QAM	1	74	16.74	16.76	16.73		
15	256QAM	36	0	16.65	16.85	16.84		
15	256QAM	36	20	16.76	16.66	16.85	17.8	2
15	256QAM	36	39	16.75	16.73	16.74		
15	256QAM	75	0	16.62	16.74	16.75		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.42	19.54	19.41		
10	QPSK	1	25	19.31	19.46	19.37	19.8	0
10	QPSK	1	49	19.43	19.47	19.30		
10	QPSK	25	0	19.42	19.40	19.43		
10	QPSK	25	12	19.36	19.41	19.29	19.8	0
10	QPSK	25	25	19.43	19.50	19.34		
10	QPSK	50	0	19.44	19.42	19.47		
10	16QAM	1	0	19.30	19.32	19.39		
10	16QAM	1	25	19.47	19.42	19.44	19.8	0
10	16QAM	1	49	19.45	19.35	19.42		
10	16QAM	25	0	19.02	19.01	18.93		
10	16QAM	25	12	19.01	19.02	18.94	19.8	0
10	16QAM	25	25	18.85	18.85	18.79		
10	16QAM	50	0	18.84	18.97	18.80		
10	64QAM	1	0	19.14	19.01	19.17		
10	64QAM	1	25	19.09	19.09	18.99	19.8	0
10	64QAM	1	49	18.97	18.91	18.84		
10	64QAM	25	0	18.87	18.97	18.97		
10	64QAM	25	12	18.79	18.81	18.88	19.8	0
10	64QAM	25	25	18.87	18.73	18.87		
10	64QAM	50	0	18.87	18.76	18.85		
10	256QAM	1	0	16.76	16.80	16.74		
10	256QAM	1	25	16.65	16.73	16.68	17.8	2
10	256QAM	1	49	16.74	16.66	16.70		
10	256QAM	25	0	16.75	16.87	16.78		
10	256QAM	25	12	16.68	16.78	16.87	17.8	2
10	256QAM	25	25	16.76	16.75	16.78		
10	256QAM	50	0	16.69	16.78	16.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.50	19.46	19.48		
5	QPSK	1	12	19.37	19.40	19.40	19.8	0
5	QPSK	1	24	19.51	19.49	19.40		
5	QPSK	12	0	19.40	19.44	19.33		
5	QPSK	12	7	19.38	19.48	19.42	19.8	0
5	QPSK	12	13	19.33	19.50	19.40		
5	QPSK	25	0	19.35	19.42	19.40		
5	16QAM	1	0	19.30	19.34	19.38		
5	16QAM	1	12	19.37	19.43	19.50	19.8	0
5	16QAM	1	24	19.39	19.39	19.49		
5	16QAM	12	0	18.94	18.94	19.04		
5	16QAM	12	7	18.92	18.94	18.83	19.8	0
5	16QAM	12	13	18.87	18.82	18.76		
5	16QAM	25	0	18.85	18.83	18.82		
5	64QAM	1	0	19.11	18.99	19.12		
5	64QAM	1	12	19.09	19.06	18.99	19.8	0
5	64QAM	1	24	19.00	18.90	18.94		
5	64QAM	12	0	18.96	18.90	18.91		
5	64QAM	12	7	18.79	18.83	18.91	19.8	0
5	64QAM	12	13	18.85	18.69	18.90		
5	64QAM	25	0	18.79	18.77	18.77		
5	256QAM	1	0	16.77	16.82	16.73		
5	256QAM	1	12	16.68	16.80	16.69	17.8	2
5	256QAM	1	24	16.66	16.75	16.76		
5	256QAM	12	0	16.70	16.87	16.75		
5	256QAM	12	7	16.77	16.67	16.81	17.8	2
5	256QAM	12	13	16.79	16.74	16.72		
5	256QAM	25	0	16.67	16.70	16.71		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.47	19.49	19.48		
3	QPSK	1	8	19.33	19.41	19.27	19.8	0
3	QPSK	1	14	19.44	19.43	19.42		
3	QPSK	8	0	19.38	19.50	19.35		
3	QPSK	8	4	19.30	19.46	19.43	19.8	0
3	QPSK	8	7	19.40	19.46	19.39		
3	QPSK	15	0	19.45	19.37	19.40		
3	16QAM	1	0	19.42	19.31	19.34		
3	16QAM	1	8	19.42	19.48	19.46	19.8	0
3	16QAM	1	14	19.53	19.38	19.51		
3	16QAM	8	0	19.03	18.92	19.03		
3	16QAM	8	4	19.01	18.97	18.86	19.8	0
3	16QAM	8	7	18.88	18.77	18.75		
3	16QAM	15	0	18.87	18.87	18.90		
3	64QAM	1	0	19.16	19.12	19.07		
3	64QAM	1	8	18.97	18.98	18.96	19.8	0
3	64QAM	1	14	18.94	18.99	18.92		
3	64QAM	8	0	18.87	18.94	18.92		
3	64QAM	8	4	18.81	18.86	18.85	19.8	0
3	64QAM	8	7	18.80	18.72	18.81		
3	64QAM	15	0	18.84	18.80	18.89		
3	256QAM	1	0	16.74	16.88	16.73		
3	256QAM	1	8	16.76	16.80	16.72	17.8	2
3	256QAM	1	14	16.67	16.77	16.78		
3	256QAM	8	0	16.75	16.90	16.85		
3	256QAM	8	4	16.77	16.77	16.79	17.8	2
3	256QAM	8	7	16.79	16.87	16.85		
3	256QAM	15	0	16.62	16.80	16.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.47	19.50	19.39		
1.4	QPSK	1	3	19.39	19.44	19.31		
1.4	QPSK	1	5	19.41	19.43	19.35	19.8	0
1.4	QPSK	3	0	19.42	19.41	19.40		
1.4	QPSK	3	1	19.40	19.39	19.27		
1.4	QPSK	3	3	19.53	19.37	19.42		
1.4	QPSK	6	0	19.41	19.50	19.37	19.8	0
1.4	16QAM	1	0	19.38	19.35	19.38		
1.4	16QAM	1	3	19.44	19.38	19.32		
1.4	16QAM	1	5	19.38	19.38	19.47	19.8	0
1.4	16QAM	3	0	19.31	19.41	19.39		
1.4	16QAM	3	1	19.44	19.45	19.40		
1.4	16QAM	3	3	19.44	19.38	19.47		
1.4	16QAM	6	0	18.92	19.05	18.95	19.8	0
1.4	64QAM	1	0	19.01	18.99	18.82		
1.4	64QAM	1	3	18.82	18.82	18.80		
1.4	64QAM	1	5	18.88	18.96	18.81	19.8	0
1.4	64QAM	3	0	19.14	19.05	19.14		
1.4	64QAM	3	1	19.03	19.08	18.96		
1.4	64QAM	3	3	18.87	18.92	18.80		
1.4	64QAM	6	0	18.78	18.79	18.79	19.8	0
1.4	256QAM	1	0	16.73	16.80	16.80		
1.4	256QAM	1	3	16.71	16.71	16.71		
1.4	256QAM	1	5	16.67	16.63	16.71	17.8	2
1.4	256QAM	3	0	16.79	16.90	16.79		
1.4	256QAM	3	1	16.71	16.71	16.87		
1.4	256QAM	3	3	16.67	16.83	16.88		
1.4	256QAM	6	0	16.67	16.78	16.62	17.8	2

Band 2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.05	22.10	22.06		
20	QPSK	1	49	22.00	22.05	21.96	23	0
20	QPSK	1	99	21.98	22.09	22.01		
20	QPSK	50	0	21.99	22.04	22.01		
20	QPSK	50	24	21.96	21.97	21.98	23	0
20	QPSK	50	50	21.90	21.97	21.94		
20	QPSK	100	0	21.99	22.02	21.95		
20	16QAM	1	0	21.95	21.97	22.04		
20	16QAM	1	49	21.94

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.15	20.23	20.21		
20	QPSK	1	49	20.12	20.20	20.19	21	0
20	QPSK	1	99	20.13	20.17	20.12		
20	QPSK	50	0	20.13	20.19	20.15		
20	QPSK	50	24	20.00	20.17	20.14	21	0
20	QPSK	50	50	20.10	20.12	20.09		
20	QPSK	100	0	20.04	20.14	20.12		
20	16QAM	1	0	20.11	20.16	20.12		
20	16QAM	1	49	20.06	20.12	20.15	21	0
20	16QAM	1	99	20.05	20.21	20.17		
20	16QAM	50	0	20.06	20.21	20.16		
20	16QAM	50	24	20.05	20.21	20.18	21	0
20	16QAM	50	50	20.02	20.21	20.15		
20	16QAM	100	0	20.10	20.14	20.10		
20	64QAM	1	0	20.08	20.10	20.16		
20	64QAM	1	49	20.00	20.15	20.14	21	0
20	64QAM	1	99	20.03	20.15	20.17		
20	64QAM	50	0	20.05	20.12	20.20		
20	64QAM	50	24	20.09	20.17	20.14	21	0
20	64QAM	50	50	20.00	20.12	20.14		
20	64QAM	100	0	20.14	20.20	20.14		
20	256QAM	1	0	19.07	19.12	19.02		
20	256QAM	1	49	18.94	19.07	18.88	20	1
20	256QAM	1	99	18.83	18.86	18.96		
20	256QAM	50	0	18.96	18.96	19.00		
20	256QAM	50	24	18.86	18.95	18.80	20	1
20	256QAM	50	50	18.88	19.03	18.92		
20	256QAM	100	0	18.93	19.04	18.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.03	20.20	20.20		
15	QPSK	1	37	20.09	20.19	20.12	21	0
15	QPSK	1	74	20.03	20.09	19.99		
15	QPSK	36	0	20.09	20.14	20.06		
15	QPSK	36	20	19.91	20.04	20.09	21	0
15	QPSK	36	39	20.04	19.97	20.04		
15	QPSK	75	0	20.03	20.13	19.99		
15	16QAM	1	0	20.00	20.14	20.03		
15	16QAM	1	37	20.03	20.11	20.12	21	0
15	16QAM	1	74	19.92	20.17	20.02		
15	16QAM	36	0	20.01	20.17	20.10		
15	16QAM	36	20	20.00	20.06	20.04	21	0
15	16QAM	36	39	20.01	20.16	20.02		
15	16QAM	75	0	20.04	20.06	20.17		
15	64QAM	1	0	20.00	19.97	20.13		
15	64QAM	1	37	19.98	20.08	20.10	21	0
15	64QAM	1	74	20.00	20.08	20.15		
15	64QAM	36	0	19.98	19.98	20.18		
15	64QAM	36	20	20.08	20.03	20.06	21	0
15	64QAM	36	39	19.88	20.04	20.06		
15	64QAM	75	0	20.07	20.17	20.03		
15	256QAM	1	0	18.97	18.98	18.92		
15	256QAM	1	37	18.94	18.96	18.74	20	1
15	256QAM	1	74	18.81	18.80	18.86		
15	256QAM	36	0	18.96	18.81	18.89		
15	256QAM	36	20	18.63	18.81	18.72	20	1
15	256QAM	36	39	18.76	18.89	18.89		
15	256QAM	75	0	18.85	18.98	18.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.04	20.11	20.09		
10	QPSK	1	25	20.08	20.15	20.11	21	0
10	QPSK	1	49	20.10	20.09	20.06		
10	QPSK	25	0	20.12	20.10	20.10		
10	QPSK	25	12	19.98	20.12	20.01	21	0
10	QPSK	25	25	19.98	20.03	20.02		
10	QPSK	50	0	19.92	20.01	20.04		
10	16QAM	1	0	20.01	20.11	20.07		
10	16QAM	1	25	20.08	19.97	20.06	21	0
10	16QAM	1	49	19.93	20.08	20.15		
10	16QAM	25	0	20.00	20.17	20.08		
10	16QAM	25	12	19.90	20.10	20.13	21	0
10	16QAM	25	25	19.96	20.08	20.03		
10	16QAM	50	0	19.98	20.10	20.17		
10	64QAM	1	0	20.01	19.95	20.15		
10	64QAM	1	25	19.88	20.08	20.10	21	0
10	64QAM	1	49	19.97	20.04	20.06		
10	64QAM	25	0	20.01	20.11	20.05		
10	64QAM	25	12	20.04	20.12	20.01	21	0
10	64QAM	25	25	19.91	20.02	20.00		
10	64QAM	50	0	20.07	20.16	20.09		
10	256QAM	1	0	18.96	19.04	18.99		
10	256QAM	1	25	18.88	18.96	18.75	20	1
10	256QAM	1	49	18.98	18.79	18.89		
10	256QAM	25	0	18.96	18.82	18.89		
10	256QAM	25	12	18.73	18.94	18.79	20	1
10	256QAM	25	25	18.73	18.95	18.80		
10	256QAM	50	0	18.88	19.00	18.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.10	20.11	20.07		
5	QPSK	1	12	20.04	20.07	20.11	21	0
5	QPSK	1	24	20.01	20.08	20.05		
5	QPSK	12	0	20.09	20.06	20.03		
5	QPSK	12	7	19.92	20.15	20.04	21	0
5	QPSK	12	13	19.95	20.09	19.99		
5	QPSK	25	0	19.94	20.04	20.08		
5	16QAM	1	0	19.99	20.08	20.08		
5	16QAM	1	12	19.96	20.07	20.05	21	0
5	16QAM	1	24	19.94	20.05	20.04		
5	16QAM	12	0	20.02	20.06	20.06		
5	16QAM	12	7	19.97	20.08	20.09	21	0
5	16QAM	12	13	19.93	20.10	20.08		
5	16QAM	25	0	19.97	20.11	20.11		
5	64QAM	1	0	19.93	19.97	20.10		
5	64QAM	1	12	19.91	20.05	19.99	21	0
5	64QAM	1	24	19.92	20.05	20.04		
5	64QAM	12	0	19.97	20.05	20.07		
5	64QAM	12	7	19.97	20.10	20.03		
5	64QAM	12	13	19.93	20.07	20.08	21	0
5	64QAM	25	0	19.93	20.09	20.08		
5	256QAM	1	0	18.97	19.08	18.92		
5	256QAM	1	12	18.93	19.05	18.87	20	1
5	256QAM	1	24	18.79	18.80	18.85		
5	256QAM	12	0	18.91	19.01	18.91		
5	256QAM	12	7	18.71	18.85	18.75	20	1
5	256QAM	12	13	18.79	18.92	18.89		
5	256QAM	25	0	18.91	18.91	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.02	20.20	20.18		
3	QPSK	1	8	20.05	20.05	20.16	21	0
3	QPSK	1	14	20.06	20.05	20.07		
3	QPSK	8	0	20.08	20.10	20.01		
3	QPSK	8	4	19.93	20.06	20.08	21	0
3	QPSK	8	7	20.06	20.04	20.03		
3	QPSK	15	0	19.96	19.99	19.97		
3	16QAM	1	0	20.07	20.04	20.06		
3	16QAM	1	8	20.01	20.02	20.08	21	0
3	16QAM	1	14	19.98	20.20	20.06		
3	16QAM	8	0	20.06	20.06	20.04		
3	16QAM	8	4	20.03	20.17	20.14	21	0
3	16QAM	8	7	19.94	20.14	20.09		
3	16QAM	15	0	20.09	20.09	20.07		
3	64QAM	1	0	19.95	20.13	20.04		
3	64QAM	1	8	19.93	20.13	20.04	21	0
3	64QAM	1	14	19.89	20.11	20.12		
3	64QAM	8	0	19.90	20.11	20.11		
3	64QAM	8	4	19.99	20.06	20.04	21	0
3	64QAM	8	7	19.98	20.10	20.07		
3	64QAM	15	0	20.12	20.11	20.07		
3	256QAM	1	0	18.88	19.10	18.88		
3	256QAM	1	8	18.88	18.92	18.80	20	1
3	256QAM	1	14	18.75	18.75	18.91		
3	256QAM	8	0	18.92	18.85	18.89		
3	256QAM	8	4	18.94	18.86	18.70	20	1
3	256QAM	8	7	18.83	19.00	18.86		
3	256QAM	15	0	18.88	18.94	18.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.06	20.14	20.17		
1.4	QPSK	1	3	20.08	20.10	20.13		
1.4	QPSK	1	5	20.07	20.12	19.98	21	0
1.4	QPSK	3	0	20.04	20.16	20.05		
1.4	QPSK	3	1	19.87	20.10	20.12		
1.4	QPSK	3	3	20.04	20.10	20.05		
1.4	QPSK	6	0	19.93	20.04	20.07	21	0
1.4	16QAM	1	0	20.01	20.14	20.00		
1.4	16QAM	1	3	19.98	19.97	20.11		
1.4	16QAM	1	5	19.93	20.16	20.14	21	0
1.4	16QAM	3	0	19.99	20.08	20.14		
1.4	16QAM	3	1	19.93	20.14	20.17		
1.4	16QAM	3	3	19.95	20.06	20.09		
1.4	16QAM	6	0	20.05	20.13	20.18	21	0
1.4	64QAM	1	0	19.95	19.96	20.08		
1.4	64QAM	1	3	19.99	20.12	20.08		
1.4	64QAM	1	5	19.89	20.12	20.13	21	0
1.4	64QAM	3	0	19.95	20.09	20.09		
1.4	64QAM	3	1	19.96	20.09	20.11		
1.4	64QAM	3	3	19.99	20.06	20.00		
1.4	64QAM	6	0	20.01	20.09	20.00	21	0
1.4	256QAM	1	0	18.93	19.08	18.99		
1.4	256QAM	1	3	18.87	18.92	18.86		
1.4	256QAM	1	5	18.81	18.76	18.81	20	1
1.4	256QAM	3	0	18.94	18.91	18.92		
1.4	256QAM	3	1	18.71	18.83	18.77		
1.4	256QAM	3	3	18.78	19.01	18.79		
1.4	256QAM	6	0	18.92	19.03	18.84	20	1

Band 4_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.17	19.20	19.18		
20	QPSK	1	49	19.02	19.12	19.11	20	0
20	QPSK	1	99	19.17	19.16	19.16		
20	QPSK	50	0	18.10	19.17	19.13		
20	QPSK	50	24	18.97	19.12	19.11	20	0
20	QPSK	50	50	19.10	19.10	19.11		
20	QPSK	100	0	18.10	19.11	18.98		
20	16QAM	1	0	19.01	19.07	18.96		
20	16QAM	1	49	19.06	19.12	19.03	20	0
20	16QAM	1	99	19.08	19.10	18.98		
20	16QAM	50	0	19.19	19.12	19.04		
20	16QAM	50	24	18.93	19.08	18.99	20	0
20	16QAM	50	50	19.05	19.08	18.93		
20	16QAM	100	0	19.10	19.11	19.00		
20	64QAM	1	0	19.12	19.14	19.02		
20	64QAM	1	49	19.05	19.09	19.04	20	0
20	64QAM	1	99	19.02	19.05	18.97		
20	64QAM	50	0	19.08	19.16	19.13		
20	64QAM	50	24	19.14	19.12	19.15	20	0
20	64QAM	50	50	19.11	19.16	19.04		
20	64QAM	100	0	19.04	19.11	19.11		
20	256QAM	1	0	17.72	17.72	17.76		
20	256QAM	1	49	17.64	17.70	17.67	18.5	1.5
20	256QAM	1	99	17.68	17.78	17.67		
20	256QAM	50	0	17.53	17.67	17.64		
20	256QAM	50	24	17.55	17.68	17.58	18.5	1.5
20	256QAM	50	50	17.57	17.71	17.59		
20	256QAM	100	0	17.60	17.65	17.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.07	19.08	19.16		
15	QPSK	1	37	18.91	19.08	19.06	20	0
15	QPSK	1	74	19.13	19.08	19.03		
15	QPSK	36	0	19.04	19.10	19.06		
15	QPSK	36	20	18.87	19.11	19.09	20	0
15	QPSK	36	39	18.98	18.96	19.07		
15	QPSK	75	0	19.05	19.09	18.88		
15	16QAM	1	0	18.92	18.95	18.99		
15	16QAM	1	37	19.05	19.02	18.96	20	0
15	16QAM	1	74	19.01	19.05	18.91		
15	16QAM	36	0	18.95	18.96	18.90		
15	16QAM	36	20	18.95	19.00	18.98	20	0
15	16QAM	36	39	19.00	19.03	18.88		
15	16QAM	75	0	19.04	19.05	18.87		
15	64QAM	1	0	19.02	19.10	19.01		
15	64QAM	1	37	18.93	18.98	19.03	20	0
15	64QAM	1	74	18.92	19.01	18.91		
15	64QAM	36	0	19.00	19.01	19.02		
15	64QAM	36	20	19.05	19.01	19.12	20	0
15	64QAM	36	39	19.00	18.96	18.98		
15	64QAM	75	0	18.97	19.01	19.03		
15	256QAM	1	0	17.59	17.75	17.75		
15	256QAM	1	37	17.50	17.64	17.63	18.5	1.5
15	256QAM	1	74	17.57	17.74	17.61		
15	256QAM	36	0	17.52	17.66	17.52		
15	256QAM	36	20	17.47	17.62	17.44	18.5	1.5
15	256QAM	36	39	17.50	17.70	17.47		
15	256QAM	75	0	17.46	17.51	17.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.09	19.09	19.13		
10	QPSK	1	25	18.89	18.98	19.00	20	0
10	QPSK	1	49	19.13	19.08	19.05		
10	QPSK	25	0	19.06	19.14	19.02		
10	QPSK	25	12	18.85	19.10	19.05	20	0
10	QPSK	25	25	19.05	19.02	18.98		
10	QPSK	50	0	19.07	18.99	18.89		
10	16QAM	1	0	18.97	18.95	18.83		
10	16QAM	1	25	18.98	18.98	18.98	20	0
10	16QAM	1	49	19.04	18.98	18.96		
10	16QAM	25	0	18.92	19.09	18.95		
10	16QAM	25	12	18.88	18.97	18.97	20	0
10	16QAM	25	25	18.97	19.06	18.78		
10	16QAM	50	0	19.01	18.98	18.90		
10	64QAM	1	0	19.10	19.09	18.95		
10	64QAM	1	25	19.04	19.06	18.97	20	0
10	64QAM	1	49	18.94	18.90	18.82		
10	64QAM	25	0	18.93	19.08	19.00		
10	64QAM	25	12	18.99	19.03	19.04	20	0
10	64QAM	25	25	18.99	19.08	18.99		
10	64QAM	50	0	18.99	19.04	19.09		
10	256QAM	1	0	17.65	17.70	17.67		
10	256QAM	1	25	17.58	17.55	17.63	18.5	1.5
10	256QAM	1	49	17.65	17.70	17.64		
10	256QAM	25	0	17.48	17.56	17.49		
10	256QAM	25	12	17.48	17.57	17.53	18.5	1.5
10	256QAM	25	25	17.45	17.62	17.56		
10	256QAM	50	0	17.56	17.57	17.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.02	19.05	19.05		
5	QPSK	1	12	18.87	19.07	19.00	20	0
5	QPSK	1	24	19.07	19.11	19.14		
5	QPSK	12	0	19.14	19.10	19.02		
5	QPSK	12	7	18.91	19.02	19.06	20	0
5	QPSK	12	13	19.07	19.05	18.94		
5	QPSK	25	0	19.09	19.03	18.85		
5	16QAM	1	0	18.88	18.98	18.89		
5	16QAM	1	12	19.05	19.05	18.97	20	0
5	16QAM	1	24	18.99	19.06	18.93		
5	16QAM	12	0	18.93	19.06	19.02		
5	16QAM	12	7	18.80	18.96	18.96	20	0
5	16QAM	12	13	19.03	18.96	18.85		
5	16QAM	25	0	19.05	19.10	18.94		
5	64QAM	1	0	19.10	19.13	18.91		
5	64QAM	1	12	18.95	18.97	19.02	20	0
5	64QAM	1	24	18.91	18.94	18.95		
5	64QAM	12	0	18.99	19.05	18.98		
5	64QAM	12	7	19.03	19.09	19.14	20	0
5	64QAM	12	13	19.04	19.08	18.93		
5	64QAM	25	0	19.03	19.10	19.08		
5	256QAM	1	0	17.58	17.68	17.73		
5	256QAM	1	12	17.62	17.61	17.58	18.5	1.5
5	256QAM	1	24	17.63	17.77	17.58		
5	256QAM	12	0	17.52	17.57	17.63		
5	256QAM	12	7	17.40	17.66	17.59	18.5	1.5
5	256QAM	12	13	17.42	17.69	17.58		
5	256QAM	25	0	17.51	17.47	17.41		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.03	19.11	19.08		
3	QPSK	1	8	18.94	19.00	19.01	20	0
3	QPSK	1	14	19.10	19.14	19.12		
3	QPSK	8	0	19.04	19.07	19.13		
3	QPSK	8	4	18.87	19.04	18.98	20	0
3	QPSK	8	7	19.09	19.01	18.96		
3	QPSK	15	0	18.98	18.98	18.94		
3	16QAM	1	0	18.99	19.04	18.95		
3	16QAM	1	8	19.04	19.01	18.96	20	0
3	16QAM	1	14	19.00	18.97	18.88		
3	16QAM	8	0	18.91	19.08	18.97		
3	16QAM	8	4	18.88	18.96	18.85	20	0
3	16QAM	8	7	18.93	18.93	18.79		
3	16QAM	15	0	19.04	19.01	18.88		
3	64QAM	1	0	18.98	19.10	18.87		
3	64QAM	1	8	18.91	19.02	18.97	20	0
3	64QAM	1	14	18.87	19.04	18.91		
3	64QAM	8	0	18.96	19.07	18.91		
3	64QAM	8	4	19.07	19.06	19.12	20	0
3	64QAM	8	7	19.01	19.02	18.94		
3	64QAM	15	0	18.94	19.01	19.09		
3	256QAM	1	0	17.64	17.67	17.68		
3	256QAM	1	8	17.60	17.58	17.65	18.5	1.5
3	256QAM	1	14	17.59	17.69	17.60		
3	256QAM	8	0	17.51	17.55	17.59		
3	256QAM	8	4	17.42	17.59	17.59	18.5	1.5
3	256QAM	8	7	17.53	17.64	17.51		
3	256QAM	15	0	17.45	17.57	17.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.13	19.11	19.04		
1.4	QPSK	1	3	18.88	19.11	19.09		
1.4	QPSK	1	5	19.08	19.09	19.15	20	0
1.4	QPSK	3	0	19.08	19.14	19.02		
1.4	QPSK	3	1	18.86	19.02	19.00		
1.4	QPSK	3	3	19.03	19.06	19.01		
1.4	QPSK	6	0	18.95	18.97	18.87	20	0
1.4	16QAM	1	0	18.99	19.06	18.98		
1.4	16QAM	1	3	18.97	19.03	19.01		
1.4	16QAM	1	5	19.00	19.04	18.89	20	0
1.4	16QAM	3	0	18.87	18.96	18.96		
1.4	16QAM	3	1	18.86	18.96	18.85		
1.4	16QAM	3	3	19.03	19.00	18.82		
1.4	16QAM	6	0	18.99	19.08	18.94	20	0
1.4	64QAM	1	0	19.09	19.09	18.88		
1.4	64QAM	1	3	18.96	18.99	18.98		
1.4	64QAM	1	5	18.91	19.02	18.89	20	0
1.4	64QAM	3	0	19.02	19.05	19.08		
1.4	64QAM	3	1	18.99	19.03	19.02		
1.4	64QAM	3	3	18.98	19.09	18.92		
1.4	64QAM	6	0	19.03	19.10	19.01	20	0
1.4	256QAM	1	0	17.65	17.67	17.74		
1.4	256QAM	1	3	17.63	17.66	17.62		
1.4	256QAM	1	5	17.61	17.70	17.59	18.5	1.5
1.4	256QAM	3	0	17.46	17.60	17.59		
1.4	256QAM	3	1	17.44	17.62	17.53		
1.4	256QAM	3	3	17.52	17.56	17.57		
1.4	256QAM	6	0	17.45	17.52	17.45	18.5	1.5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.64	21.93	21.65		
20	QPSK	1	49	21.55	21.60	21.62	22.5	0
20	QPSK	1	99	21.59	21.67	21.60		
20	QPSK	50	0	21.59	21.92	21.67		
20	QPSK	50	24	21.57	21.53	21.54	22.5	0
20	QPSK	50	50	21.53	21.53	21.58		
20	QPSK	100	0	21.57	21.90	21.51		
20	16QAM	1	0	21.49	21.64	21.54		
20	16QAM	1	49	21.63	21.69	21.53	22.5	0
20	16QAM	1	99	21.59	21.61	21.64		
20	16QAM	50	0	21.56	21.68	21.51		
20	16QAM	50	24	21.52	21.65	21.

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.19	24.29	24.22		
10	QPSK	1	25	24.11	24.24	24.09	25	0
10	QPSK	1	49	24.10	24.14	24.13		
10	QPSK	25	0	23.12	23.24	23.11		
10	QPSK	25	12	23.04	23.15	23.03	24	1
10	QPSK	25	25	23.10	23.22	23.09		
10	QPSK	50	0	22.97	23.11	22.98		
10	16QAM	1	0	23.24	23.35	23.32		
10	16QAM	1	25	23.44	23.45	23.30	24	1
10	16QAM	1	49	23.32	23.46	23.38		
10	16QAM	25	0	22.06	22.20	22.17		
10	16QAM	25	12	22.16	22.18	22.09	23	2
10	16QAM	25	25	22.11	22.19	22.14		
10	16QAM	50	0	22.05	22.15	22.00		
10	64QAM	1	0	22.27	22.39	22.24		
10	64QAM	1	25	22.21	22.32	22.17	23	2
10	64QAM	1	49	22.16	22.20	22.13		
10	64QAM	25	0	21.16	21.20	21.10		
10	64QAM	25	12	21.17	21.19	21.12	22	3
10	64QAM	25	25	21.16	21.22	21.17		
10	64QAM	50	0	21.14	21.16	21.02		
10	256QAM	1	0	19.11	19.06	19.06		
10	256QAM	1	25	18.94	19.06	18.90	20	5
10	256QAM	1	49	18.93	19.08	18.92		
10	256QAM	25	0	19.01	19.07	19.01		
10	256QAM	25	12	19.07	19.01	19.11	20	5
10	256QAM	25	25	18.89	19.03	18.95		
10	256QAM	50	0	18.90	19.10	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.16	24.08		
5	QPSK	1	12	24.07	24.20	23.99	25	0
5	QPSK	1	24	23.97	24.13	24.08		
5	QPSK	12	0	23.03	23.20	23.01		
5	QPSK	12	7	22.98	23.05	22.96	24	1
5	QPSK	12	13	23.06	23.09	23.08		
5	QPSK	25	0	22.93	23.01	22.85		
5	16QAM	1	0	23.22	23.26	23.19		
5	16QAM	1	12	23.35	23.31	23.18	24	1
5	16QAM	1	24	23.21	23.36	23.33		
5	16QAM	12	0	22.01	22.19	22.16		
5	16QAM	12	7	22.08	22.16	21.97	23	2
5	16QAM	12	13	22.04	22.10	22.06		
5	16QAM	25	0	21.95	22.00	21.95		
5	64QAM	1	0	22.23	22.33	22.16		
5	64QAM	1	12	22.20	22.24	22.16	23	2
5	64QAM	1	24	22.07	22.17	22.11		
5	64QAM	12	0	21.08	21.15	21.02		
5	64QAM	12	7	21.05	21.16	21.10	22	3
5	64QAM	12	13	21.05	21.06	21.13		
5	64QAM	25	0	21.05	21.13	20.94		
5	256QAM	1	0	19.06	19.02	18.96		
5	256QAM	1	12	18.79	19.05	18.79	20	5
5	256QAM	1	24	18.92	18.97	18.87		
5	256QAM	12	0	18.90	18.99	18.86		
5	256QAM	12	7	18.93	18.91	18.99	20	5
5	256QAM	12	13	18.74	19.02	18.87		
5	256QAM	25	0	18.85	19.01	19.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.15	24.21	24.07		
3	QPSK	1	8	23.97	24.09	24.03	25	0
3	QPSK	1	14	23.95	24.00	23.98		
3	QPSK	8	0	22.99	23.22	23.06		
3	QPSK	8	4	23.03	23.21	22.93	24	1
3	QPSK	8	7	23.07	23.11	23.02		
3	QPSK	15	0	22.92	22.99	22.91		
3	16QAM	1	0	23.13	23.21	23.30		
3	16QAM	1	8	23.39	23.41	23.16	24	1
3	16QAM	1	14	23.17	23.38	23.31		
3	16QAM	8	0	21.98	22.10	22.09		
3	16QAM	8	4	22.11	22.14	22.05	23	2
3	16QAM	8	7	22.05	22.09	22.00		
3	16QAM	15	0	21.91	22.09	21.89		
3	64QAM	1	0	22.19	22.34	22.19		
3	64QAM	1	8	22.17	22.30	22.05	23	2
3	64QAM	1	14	22.06	22.18	22.05		
3	64QAM	8	0	21.09	21.19	21.07		
3	64QAM	8	4	21.09	21.17	21.09	22	3
3	64QAM	8	7	21.12	21.17	21.09		
3	64QAM	15	0	21.10	21.06	20.90		
3	256QAM	1	0	18.98	18.98	18.95		
3	256QAM	1	8	18.88	19.01	18.79	20	5
3	256QAM	1	14	18.83	18.92	18.91		
3	256QAM	8	0	18.89	19.02	18.99		
3	256QAM	8	4	18.96	18.88	19.05	20	5
3	256QAM	8	7	18.87	18.92	18.83		
3	256QAM	15	0	18.84	18.91	18.91		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.11	24.28	24.20		
1.4	QPSK	1	3	24.01	24.18	24.01		
1.4	QPSK	1	5	24.05	24.19	24.01	25	0
1.4	QPSK	3	0	24.09	24.19	24.07		
1.4	QPSK	3	1	24.01	24.12	24.02		
1.4	QPSK	3	3	24.05	24.00	24.09		
1.4	QPSK	6	0	22.95	23.03	22.89	24	1
1.4	16QAM	1	0	23.13	23.32	23.31		
1.4	16QAM	1	3	23.32	23.31	23.21		
1.4	16QAM	1	5	23.31	23.31	23.24	24	1
1.4	16QAM	3	0	23.10	23.28	23.21		
1.4	16QAM	3	1	23.17	23.21	23.13		
1.4	16QAM	3	3	23.26	23.24	23.20		
1.4	16QAM	6	0	21.96	22.09	21.92	23	2
1.4	64QAM	1	0	22.18	22.36	22.19		
1.4	64QAM	1	3	22.08	22.30	22.12		
1.4	64QAM	1	5	22.05	22.27	22.03	23	2
1.4	64QAM	3	0	22.04	22.27	22.16		
1.4	64QAM	3	1	22.01	22.19	22.07		
1.4	64QAM	3	3	22.04	22.08	21.90		
1.4	64QAM	6	0	21.07	21.01	20.90	22	3
1.4	256QAM	1	0	19.08	19.05	19.01		
1.4	256QAM	1	3	18.81	19.03	18.77		
1.4	256QAM	1	5	18.85	19.00	18.89	20	5
1.4	256QAM	3	0	18.99	19.03	18.87		
1.4	256QAM	3	1	18.99	19.02	19.02		
1.4	256QAM	3	3	18.81	18.95	18.90		
1.4	256QAM	6	0	18.87	18.99	18.88	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.44	23.47	23.39		
10	QPSK	1	25	23.37	23.45	23.36	24.1	0
10	QPSK	1	49	23.30	23.36	23.34		
10	QPSK	25	0	22.43	22.46	22.42		
10	QPSK	25	12	22.22	22.36	22.24		
10	QPSK	25	25	22.27	22.42	22.33	23.1	1
10	QPSK	50	0	22.37	22.43	22.33		
10	16QAM	1	0	22.62	22.63	22.49		
10	16QAM	1	25	22.47	22.61	22.50	23.1	1
10	16QAM	1	49	22.32	22.46	22.33		
10	16QAM	25	0	21.27	21.41	21.28		
10	16QAM	25	12	21.37	21.42	21.29	22.1	2
10	16QAM	25	25	21.34	21.42	21.39		
10	16QAM	50	0	21.21	21.34	21.22		
10	64QAM	1	0	21.44	21.58	21.57		
10	64QAM	1	25	21.39	21.54	21.49	22.1	2
10	64QAM	1	49	21.41	21.52	21.37		
10	64QAM	25	0	20.34	20.40	20.28		
10	64QAM	25	12	20.37	20.42	20.33	21.1	3
10	64QAM	25	25	20.43	20.45	20.42		
10	64QAM	50	0	20.23	20.38	20.35		
10	256QAM	1	0	18.20	18.34	18.22		
10	256QAM	1	25	18.20	18.23	18.24	19.1	5
10	256QAM	1	49	18.28	18.35	18.18		
10	256QAM	25	0	18.25	18.36	18.31		
10	256QAM	25	12	18.22	18.34	18.19	19.1	5
10	256QAM	25	25	18.12	18.24	18.12		
10	256QAM	50	0	18.25	18.33	18.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.43	23.43	23.27		
5	QPSK	1	12	23.33	23.41	23.32	24.1	0
5	QPSK	1	24	23.28	23.35	23.25		
5	QPSK	12	0	22.32	22.37	22.30		
5	QPSK	12	7	22.13	22.34	22.17	23.1	1
5	QPSK	12	13	22.12	22.38	22.22		
5	QPSK	25	0	22.24	22.36	22.18		
5	16QAM	1	0	22.50	22.51	22.37		
5	16QAM	1	12	22.37	22.59	22.38	23.1	1
5	16QAM	1	24	22.20	22.34	22.31		
5	16QAM	12	0	21.12	21.40	21.19		
5	16QAM	12	7	21.23	21.34	21.20	22.1	2
5	16QAM	12	13	21.30	21.41	21.30		
5	16QAM	25	0	21.17	21.19	21.10		
5	64QAM	1	0	21.43	21.57	21.48		
5	64QAM	1	12	21.33	21.46	21.35	22.1	2
5	64QAM	1	24	21.40	21.40	21.23		
5	64QAM	12	0	20.20	20.26	20.23		
5	64QAM	12	7	20.23	20.34	20.32	21.1	3
5	64QAM	12	13	20.33	20.37	20.38		
5	64QAM	25	0	20.16	20.31	20.31		
5	256QAM	1	0	18.19	18.21	18.16		
5	256QAM	1	12	18.19	18.15	18.12	19.1	5
5	256QAM	1	24	18.23	18.22	18.09		
5	256QAM	12	0	18.17	18.25	18.19		
5	256QAM	12	7	18.11	18.22	18.16	19.1	5
5	256QAM	12	13	18.04	18.20	18.06		
5	256QAM	25	0	18.13	18.30	18.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.34	23.43	23.37		
3	QPSK	1	8	23.36	23.42	23.21	24.1	0
3	QPSK	1	14	23.21	23.30	23.31		
3	QPSK	8	0	22.33	22.39	22.35		
3	QPSK	8	4	22.18	22.37	22.21	23.1	1
3	QPSK	8	7	22.25	22.37	22.30		
3	QPSK	15	0	22.22	22.42	22.27		
3	16QAM	1	0	22.54	22.54	22.39		
3	16QAM	1	8	22.36	22.60	22.42	23.1	1
3	16QAM	1	14	22.28	22.43	22.25		
3	16QAM	8	0	21.19	21.32	21.20		
3	16QAM	8	4	21.35	21.41	21.14	22.1	2
3	16QAM	8	7	21.22	21.37	21.29		
3	16QAM	15	0	21.19	21.28	21.16		
3	64QAM	1	0	21.33	21.46	21.56		
3	64QAM	1	8	21.25	21.47	21.35	22.1	2
3	64QAM	1	14	21.33	21.41	21.25		
3	64QAM	8	0	20.31	20.31	20.21		
3	64QAM	8	4	20.33	20.39	20.25	21.1	3
3	64QAM	8	7	20.39	20.39	20.35		
3	64QAM	15	0	20.10	20.24	20.28		
3	256QAM	1	0	18.10	18.31	18.15		
3	256QAM	1	8	18.18	18.12	18.11	19.1	5
3	256QAM	1	14	18.25	18.25	18.17		
3	256QAM	8	0	18.22	18.28	18.28		
3	256QAM	8	4	18.13	18.21	18.10	19.1	5
3	256QAM	8	7	18.09	18.22	17.98		
3	256QAM	15	0	18.13	18.31	18.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.31	23.44	23.38		
1.4	QPSK	1	3	23.33	23.42	23.34		
1.4	QPSK	1	5	23.17	23.32	23.19	24.1	0
1.4	QPSK	3	0	23.38	23.32	23.38		
1.4	QPSK	3	1	23.36	23.35	23.33		
1.4	QPSK	3	3	23.22	23.21	23.22		
1.4	QPSK	6	0	22.25	22.30	22.32	23.1	1
1.4	16QAM	1	0	22.54	22.57	22.39		
1.4	16QAM	1	3	22.33	22.52	22.47		
1.4	16QAM	1	5	22.36	22.37	22.21	23.1	1
1.4	16QAM	3	0	22.43	22.52	22.31		
1.4	16QAM	3	1	22.31	22.40	22.33		
1.4	16QAM	3	3	22.22	22.26	22.16		
1.4	16QAM	6	0	21.13	21.31	21.12	22.1	2
1.4	64QAM	1	0	21.29	21.56	21.56		
1.4	64QAM	1	3	21.27	21.43	21.43		
1.4	64QAM	1	5	21.39	21.47	21.33	22.1	2
1.4	64QAM	3	0	21.19	21.41	21.45		
1.4	64QAM	3	1	21.23	21.28	21.38		
1.4	64QAM	3	3	21.31	21.45	21.21		
1.4	64QAM	6	0	20.21	20.28	20.27	21.1	3
1.4	256QAM	1	0	18.16	18.28	18.19		
1.4	256QAM	1	3	18.14	18.15	18.20		
1.4	256QAM	1	5	18.14	18.21	18.13	19.1	5
1.4	256QAM	3	0	18.15	18.27	18.17		
1.4	256QAM	3	1	18.09	18.18	18.17		
1.4	256QAM	3	3	18.09	18.12	18.03		
1.4	256QAM	6	0	18.11	18.22	18.17	19.1	5

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.88	19.04	18.97		
20	QPSK	1	49	18.83	19.00	18.83	19.5	0
20	QPSK	1	99	18.73	18.94	18.94		
20	QPSK	50	0	18.85	18.94	18.93		
20	QPSK	50	24	18.82	18.95	18.86	19.5	0
20	QPSK	50	50	18.77	18.93	18.84		
20	QPSK	100	0	18.75	18.96	18.95		
20	16QAM	1	0	18.82	18.92	18.87		
20	16QAM	1	49	18.80	19.00	18.94	19.5	0
20	16QAM	1	99	18.78	18.93	18.87		
20	16QAM	50	0	18.78	18.92	18.84		
20	16QAM	50	24	18.81	19.02	18.90	19.5	0
20	16QAM	50	50	18.84	18.94	18.84		
20	16QAM	100	0	18.84	18.89	18.96		
20	64QAM	1	0	18.78	18.95	18.88		
20	64QAM	1	49	18.75	18.91	18.86	19.5	0
20	64QAM	1	99	18.86	19.00	18.88		
20	64QAM	50	0	18.81	18.99	18.89		
20	64QAM	50	24	18.73	19.02	18.86	19.5	0
20	64QAM	50	50	18.80	18.93	18.91		
20	64QAM	100	0	18.84	19.00	18.90		
20	256QAM	1	0	18.81	18.95	18.96		
20	256QAM	1	49	18.78	18.97	18.93	19.5	0
20	256QAM	1	99	18.78	18.92	18.92		
20	256QAM	50	0	18.82	18.92	18.93		
20	256QAM	50	24	18.84	19.01	18.87	19.5	0
20	256QAM	50	50	18.73	18.98	18.82		
20	256QAM	100	0	18.86	19.01	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.79	19.02	18.91		
15	QPSK	1	37	18.68	18.93	18.76	19.5	0
15	QPSK	1	74	18.62	18.79	18.90		
15	QPSK	36	0	18.76	18.85	18.92		
15	QPSK	36	20	18.75	18.89	18.73	19.5	0
15	QPSK	36	39	18.69	18.81	18.81		
15	QPSK	75	0	18.69	18.94	18.92		
15	16QAM	1	0	18.72	18.80	18.83		
15	16QAM	1	37	18.73	18.94	18.82	19.5	0
15	16QAM	1	74	18.68	18.80	18.84		
15	16QAM	36	0	18.72	18.86	18.69		
15	16QAM	36	20	18.69	19.01	18.87	19.5	0
15	16QAM	36	39	18.72	18.93	18.77		
15	16QAM	75	0	18.75	18.88	18.91		
15	64QAM	1	0	18.67	18.91	18.73		
15	64QAM	1	37	18.65	18.84	18.77	19.5	0
15	64QAM	1	74	18.80	18.96	18.75		
15	64QAM	36	0	18.77	18.86	18.76		
15	64QAM	36	20	18.62	18.94	18.72	19.5	0
15	64QAM	36	39	18.70	18.90	18.86		
15	64QAM	75	0	18.75	18.87	18.77		
15	256QAM	1	0	18.68	18.90	18.83		
15	256QAM	1	37	18.70	18.90	18.87	19.5	0
15	256QAM	1	74	18.69	18.87	18.84		
15	256QAM	36	0	18.71	18.83	18.87		
15	256QAM	36	20	18.70	18.87	18.86	19.5	0
15	256QAM	36	39	18.67	18.91	18.80		
15	256QAM	75	0	18.74	18.90	18.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.82	18.94	18.89		
10	QPSK	1	25	18.80	18.95	18.73	19.5	0
10	QPSK	1	49	18.65	18.91	18.81		
10	QPSK	25	0	18.79	18.98	18.88		
10	QPSK	25	12	18.81	18.91	18.75	19.5	0
10	QPSK	25	25	18.70	18.87	18.75		
10	QPSK	50	0	18.70	18.84	18.91		
10	16QAM	1	0	18.79	18.82	18.86		
10	16QAM	1	25	18.65	18.91	18.91	19.5	0
10	16QAM	1	49	18.66	18.81	18.82		
10	16QAM	25	0	18.63	18.80	18.76		
10	16QAM	25	12	18.72	18.89	18.85	19.5	0
10	16QAM	25	25	18.77	18.87	18.80		
10	16QAM	50	0	18.74	18.74	18.89		
10	64QAM	1	0	18.69	18.91	18.86		
10	64QAM	1	25	18.68	18.77	18.77	19.5	0
10	64QAM	1	49	18.76	18.96	18.85		
10	64QAM	25	0	18.76	18.85	18.81		
10	64QAM	25	12	18.82	19.01	18.78	19.5	0
10	64QAM	25	25	18.68	18.78	18.79		
10	64QAM	50	0	18.71	18.97	18.88		
10	256QAM	1	0	18.69	18.88	18.92		
10	256QAM	1	25	18.76	18.87	18.83	19.5	0
10	256QAM	1	49	18.70	18.83	18.88		
10	256QAM	25	0	18.76	18.79	18.88		
10	256QAM	25	12	18.78	18.92	18.88	19.5	0
10	256QAM	25	25	18.67	18.95	18.81		
10	256QAM	50	0	18.85	18.89	18.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.84	18.98	18.91		
5	QPSK	1	12	18.76	18.94	18.69	19.5	0
5	QPSK	1	24	18.73	18.97	18.85		
5	QPSK	12	0	18.79	18.84	18.88		
5	QPSK	12	7	18.71	18.87	18.82	19.5	0
5	QPSK	12	13	18.63	18.91	18.84		
5	QPSK	25	0	18.63	18.88	18.91		
5	16QAM	1	0	18.71	18.90	18.78		
5	16QAM	1	12	18.69	18.96	18.84	19.5	0
5	16QAM	1	24	18.72	18.97	18.73		
5	16QAM	12	0	18.67	18.77	18.72		
5	16QAM	12	7	18.72	18.88	18.76	19.5	0
5	16QAM	12	13	18.79	18.86	18.74		
5	16QAM	25	0	18.83	18.83	18.93		
5	64QAM	1	0	18.75	18.87	18.79		
5	64QAM	1	12	18.70	18.90	18.73	19.5	0
5	64QAM	1	24	18.80	18.85	18.77		
5	64QAM	12	0	18.77	18.89	18.85		
5	64QAM	12	7	18.58	18.87	18.71	19.5	0
5	64QAM	12	13	18.79	18.87	18.86		
5	64QAM	25	0	18.83	18.93	18.79		
5	256QAM	1	0	18.74	18.82	18.90		
5	256QAM	1	12	18.69	18.84	18.87	19.5	0
5	256QAM	1	24	18.65	18.91	18.78		
5	256QAM	12	0	18.78	18.90	18.79		
5	256QAM	12	7	18.70	18.93	18.80	19.5	0
5	256QAM	12	13	18.72	18.86	18.81		
5	256QAM	25	0	18.78	18.98	18.82		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.62	19.82	19.81		
20	QPSK	1	49	19.49	19.69	19.70	20	0
20	QPSK	1	99	19.55	19.57	19.67		
20	QPSK	50	0	19.02	19.77	19.73		
20	QPSK	50	24	19.47	19.70	19.66	20	0
20	QPSK	50	50	19.48	19.71	19.70		
20	QPSK	100	0	19.55	19.75	19.73		
20	16QAM	1	0	19.57	19.61	19.66		
20	16QAM	1	49

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
19.5 20	QPSK	1	0	19.47	19.57	19.50		
20	QPSK	1	49	19.40	19.51	19.35	20	0
20	QPSK	1	99	19.36	19.49	19.38		
20	QPSK	50	0	19.47	19.54	19.45		
20	QPSK	50	24	19.32	19.44	19.40	20	0
20	QPSK	50	50	19.33	19.46	19.36		
20	QPSK	100	0	19.43	19.52	19.39		
20	16QAM	1	0	19.36	19.43	19.49		
20	16QAM	1	49	19.33	19.56	19.49	20	0
20	16QAM	1	99	19.38	19.52	19.39		
20	16QAM	50	0	19.33	19.43	19.42		
20	16QAM	50	24	19.36	19.54	19.44	20	0
20	16QAM	50	50	19.36	19.43	19.44		
20	16QAM	100	0	19.35	19.51	19.41		
20	64QAM	1	0	19.46	19.50	19.43		
20	64QAM	1	49	19.39	19.51	19.46	20	0
20	64QAM	1	99	19.33	19.47	19.42		
20	64QAM	50	0	19.08	19.20	19.08		
20	64QAM	50	24	19.09	19.17	19.14	20	0
20	64QAM	50	50	19.05	19.20	19.12		
20	64QAM	100	0	19.06	19.16	19.04		
20	256QAM	1	0	19.15	19.35	19.28		
20	256QAM	1	49	19.42	19.27	19.22	20	0
20	256QAM	1	99	19.30	19.36	19.27		
20	256QAM	50	0	19.07	19.27	19.10		
20	256QAM	50	24	19.30	19.36	19.30	20	0
20	256QAM	50	50	19.23	19.33	19.29		
20	256QAM	100	0	19.37	19.32	19.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.33	19.45	19.48	20	0
15	QPSK	1	37	19.25	19.50	19.29		
15	QPSK	1	74	19.24	19.44	19.31		
15	QPSK	36	0	19.40	19.39	19.34		
15	QPSK	36	20	19.24	19.39	19.34	20	0
15	QPSK	36	39	19.22	19.41	19.23		
15	QPSK	75	0	19.29	19.42	19.32		
15	16QAM	1	0	19.24	19.39	19.47		
15	16QAM	1	37	19.18	19.41	19.42	20	0
15	16QAM	1	74	19.31	19.47	19.25		
15	16QAM	36	0	19.21	19.30	19.31		
15	16QAM	36	20	19.32	19.48	19.32	20	0
15	16QAM	36	39	19.31	19.42	19.41		
15	16QAM	75	0	19.32	19.36	19.32		
15	64QAM	1	0	19.32	19.36	19.33		
15	64QAM	1	37	19.27	19.39	19.45	20	0
15	64QAM	1	74	19.20	19.33	19.40		
15	64QAM	36	0	18.98	19.14	19.03		
15	64QAM	36	20	18.98	19.12	19.05	20	0
15	64QAM	36	39	18.88	19.15	19.04		
15	64QAM	75	0	19.04	19.10	19.00		
15	256QAM	1	0	19.13	19.29	19.16		
15	256QAM	1	37	19.29	19.26	19.19	20	0
15	256QAM	1	74	19.28	19.25	19.17		
15	256QAM	36	0	18.93	19.12	19.00		
15	256QAM	36	20	19.23	19.20	19.18	20	0
15	256QAM	36	39	19.11	19.18	19.19		
15	256QAM	75	0	19.24	19.26	19.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.35	19.53	19.44	20	0
10	QPSK	1	25	19.37	19.42	19.21		
10	QPSK	1	49	19.35	19.41	19.34		
10	QPSK	25	0	19.38	19.49	19.35		
10	QPSK	25	12	19.28	19.44	19.25	20	0
10	QPSK	25	25	19.18	19.44	19.27		
10	QPSK	50	0	19.38	19.41	19.29		
10	16QAM	1	0	19.22	19.38	19.45		
10	16QAM	1	25	19.18	19.55	19.34	20	0
10	16QAM	1	49	19.35	19.40	19.33		
10	16QAM	25	0	19.32	19.41	19.29		
10	16QAM	25	12	19.34	19.47	19.40	20	0
10	16QAM	25	25	19.24	19.38	19.30		
10	16QAM	50	0	19.32	19.47	19.26		
10	64QAM	1	0	19.33	19.39	19.29		
10	64QAM	1	25	19.36	19.41	19.38	20	0
10	64QAM	1	49	19.24	19.36	19.30		
10	64QAM	25	0	18.94	19.19	19.03		
10	64QAM	25	12	19.03	19.11	19.04	20	0
10	64QAM	25	25	18.93	19.11	19.09		
10	64QAM	50	0	18.96	19.12	18.99		
10	256QAM	1	0	19.00	19.25	19.14		
10	256QAM	1	25	19.28	19.22	19.12	20	0
10	256QAM	1	49	19.29	19.46	19.19		
10	256QAM	25	0	18.94	19.24	18.99		
10	256QAM	25	12	19.21	19.27	19.29	20	0
10	256QAM	25	25	19.09	19.24	19.22		
10	256QAM	50	0	19.30	19.30	19.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.42	19.47	19.36	20	0
5	QPSK	1	12	19.37	19.46	19.22		
5	QPSK	1	24	19.28	19.44	19.29		
5	QPSK	12	0	19.44	19.49	19.44		
5	QPSK	12	7	19.31	19.43	19.39	20	0
5	QPSK	12	13	19.25	19.40	19.22		
5	QPSK	25	0	19.40	19.40	19.33		
5	16QAM	1	0	19.32	19.29	19.40		
5	16QAM	1	12	19.20	19.46	19.47	20	0
5	16QAM	1	24	19.32	19.48	19.33		
5	16QAM	12	0	19.22	19.41	19.28		
5	16QAM	12	7	19.28	19.44	19.33	20	0
5	16QAM	12	13	19.23	19.41	19.42		
5	16QAM	25	0	19.22	19.32	19.38		
5	64QAM	1	0	19.32	19.37	19.41		
5	64QAM	1	12	19.36	19.38	19.37	20	0
5	64QAM	1	24	19.21	19.34	19.32		
5	64QAM	12	0	19.05	19.09	19.04		
5	64QAM	12	7	19.05	19.05	18.99	20	0
5	64QAM	12	13	18.96	19.08	19.07		
5	64QAM	25	0	19.03	19.03	18.98		
5	256QAM	1	0	19.14	19.34	19.25		
5	256QAM	1	12	19.39	19.20	19.13	20	0
5	256QAM	1	24	19.29	19.24	19.19		
5	256QAM	12	0	19.02	19.19	19.08		
5	256QAM	12	7	19.25	19.16	19.23	20	0
5	256QAM	12	13	19.08	19.24	19.15		
5	256QAM	25	0	19.29	19.27	19.27		

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.73	19.79	19.63		
20	QPSK	1	49	19.65	19.71	19.62	19.8	0
20	QPSK	1	99	19.69	19.68	19.59		
20	QPSK	50	0	19.68	19.75	19.62		
20	QPSK	50	24	19.62	19.69	19.61	19.8	0
20	QPSK	50	50	19.66	19.70	19.49		
20	QPSK	100	0	19.67	19.69	19.50		
20	16QAM	1	0	19.70	19.72	19.52		
20	16QAM	1	49	19.58	19.70	19.58	19.8	0
20	16QAM	1	99	19.61	19.71	19.49		
20	16QAM	50	0	19.66	19.77	19.60		
20	16QAM	50	24	19.71	19.66	19.53	19.8	0
20	16QAM	50	50	19.66	19.68	19.50		
20	16QAM	100	0	19.72	19.68	19.55		
20	64QAM	1	0	19.72	19.65	19.56		
20	64QAM	1	49	19.66	19.74	19.57	19.8	0
20	64QAM	1	99	19.70	19.65	19.49		
20	64QAM	50	0	19.62	19.65	19.49		
20	64QAM	50	24	19.72	19.68	19.55	19.8	0
20	64QAM	50	50	19.68	19.75	19.49		
20	64QAM	100	0	19.69	19.69	19.54		
20	256QAM	1	0	18.47	18.62	18.54		
20	256QAM	1	49	18.33	18.44	18.30	18.8	1
20	256QAM	1	99	18.38	18.51	18.37		
20	256QAM	50	0	18.32	18.36	18.32		
20	256QAM	50	24	18.61	18.53	18.30	18.8	1
20	256QAM	50	50	18.52	18.45	18.34		
20	256QAM	100	0	18.45	18.45	18.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.60	19.69	19.51	19.8	0
15	QPSK	1	37	19.58	19.58	19.48		
15	QPSK	1	74	19.67	19.59	19.55		
15	QPSK	36	0	19.67	19.70	19.47		
15	QPSK	36	20	19.49	19.59	19.58	19.8	0
15	QPSK	36	39	19.55	19.55	19.39		
15	QPSK	75	0	19.56	19.57	19.36		
15	16QAM	1	0	19.65	19.69	19.46		
15	16QAM	1	37	19.50	19.61	19.50	19.8	0
15	16QAM	1	74	19.53	19.65	19.48		
15	16QAM	36	0	19.54	19.71	19.51		
15	16QAM	36	20	19.56	19.61	19.41	19.8	0
15	16QAM	36	39	19.55	19.66	19.43		
15	16QAM	75	0	19.62	19.67	19.49		
15	64QAM	1	0	19.65	19.62	19.45		
15	64QAM	1	37	19.58	19.60	19.49	19.8	0
15	64QAM	1	74	19.64	19.58	19.43		
15	64QAM	36	0	19.47	19.59	19.45		
15	64QAM	36	20	19.64	19.58	19.41	19.8	0
15	64QAM	36	39	19.60	19.62	19.37		
15	64QAM	75	0	19.66	19.63	19.45		
15	256QAM	1	0	18.46	18.50	18.46		
15	256QAM	1	37	18.26	18.35	18.27	18.8	1
15	256QAM	1	74	18.25	18.38	18.25		
15	256QAM	36	0	18.18	18.24	18.27		
15	256QAM	36	20	18.49	18.43	18.18	18.8	1
15	256QAM	36	39	18.43	18.35	18.31		
15	256QAM	75	0	18.43	18.37	18.35		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.67	19.71	19.48	19.8	0
10	QPSK	1	25	19.56	19.63	19.61		
10	QPSK	1	49	19.55	19.63	19.47		
10	QPSK	25	0	19.53	19.74	19.51		
10	QPSK	25	12	19.60	19.55	19.55	19.8	0
10	QPSK	25	25	19.52	19.64	19.46		
10	QPSK	50	0	19.64	19.68	19.49		
10	16QAM	1	0	19.65	19.65	19.44		
10	16QAM	1	25	19.46	19.59	19.54	19.8	0
10	16QAM	1	49	19.52	19.58	19.34		
10	16QAM	25	0	19.59	19.63	19.49		
10	16QAM	25	12	19.59	19.53	19.45	19.8	0
10	16QAM	25	25	19.61	19.54	19.46		
10	16QAM	50	0	19.69	19.56	19.52		
10	64QAM	1	0	19.63	19.53	19.48		
10	64QAM	1	25	19.54	19.63	19.55	19.8	0
10	64QAM	1	49	19.69	19.63	19.41		
10	64QAM	25	0	19.52	19.64	19.47		
10	64QAM	25	12	19.60	19.63	19.51	19.8	0
10	64QAM	25	25	19.61	19.74	19.38		
10	64QAM	50	0	19.67	19.68	19.42		
10	256QAM	1	0	18.40	18.44	18.32		
10	256QAM	1	25	18.18	18.35	18.17	18.8	1
10	256QAM	1	49	18.35	18.38	18.22		
10	256QAM	25	0	18.25	18.21	18.19		
10	256QAM	25	12	18.36	18.43	18.17	18.8	1
10	256QAM	25	25	18.45	18.31	18.29		
10	256QAM	50	0	18.40	18.37	18.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.65	19.71	19.48	19.8	0
5	QPSK	1	12	19.59	19.59	19.59		
5	QPSK	1	24	19.63	19.54	19.49		
5	QPSK	12	0	19.67	19.63	19.56		
5	QPSK	12	7	19.53	19.58	19.46	19.8	0
5	QPSK	12	13	19.60	19.58	19.37		
5	QPSK	25	0	19.62	19.55	19.46		
5	16QAM	1	0	19.61	19.60	19.45		
5	16QAM	1	12	19.48	19.65	19.53	19.8	0
5	16QAM	1	24	19.53	19.64	19.39		
5	16QAM	12	0	19.63	19.72	19.52		
5	16QAM	12	7	19.64	19.51	19.43	19.8	0
5	16QAM	12	13	19.51	19.64	19.45		
5	16QAM	25	0	19.66	19.62	19.57		
5	64QAM	1	0	19.58	19.51	19.43		
5	64QAM	1	12	19.57	19.68	19.44	19.8	0
5	64QAM	1	24	19.59	19.60	19.41		
5	64QAM	12	0	19.59	19.56	19.39		
5	64QAM	12	7	19.63	19.56	19.47	19.8	0
5	64QAM	12	13	19.58	19.68	19.35		
5	64QAM	25	0	19.57	19.57	19.52		
5	256QAM	1	0	18.38	18.50	18.48		
5	256QAM	1	12	18.30	18.38	18.28	18.8	1
5	256QAM	1	24	18.24	18.44	18.22		
5	256QAM	12	0	18.22	18.28	18.30		
5	256QAM	12	7	18.50	18.38	18.21	18.8	1
5	256QAM	12	13	18.48	18.40	18.32		
5	256QAM	25	0	18.40	18.34	18.23		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.73	23.79	23.70		
10	QPSK	1	25	23.63	23.72	23.61	24.3	0
10	QPSK	1	49	23.62	23.76	23.63		
10	QPSK	25	0	22.70	22.82	22.70		
10	QPSK	25	12	22.53	22.62	22.51	23.3	1
10	QPSK	25	25	22.62	22.74	22.59		
10	QPSK	50	0	22.60	22.70	22.55		
10	16QAM	1	0	22.77	22.89	22.79		
10	16QAM	1	25	23.01	23.03	22.88	23.3	1
10	16QAM	1	49	22.85	22.87	22.79		
10	16QAM	25	0	21.49	21.64	21.56		
10	16QAM	25	12	21.63	21.70	21.58	22.3	2
10	16QAM	25	25	21.73	21.79	21.66		
10	16QAM	50	0	21.66	21.75	21.73		
10	64QAM	1	0	21.75	21.87	21.86		
10	64QAM	1	25	21.87	21.99	21.84	22.3	2
10	64QAM	1	49	21.84	21.92	21.78		
10	64QAM	25	0	20.60	20.66	20.65		
10	64QAM	25	12	20.59	20.66	20.52	21.3	3
10	64QAM	25	25	20.67	20.72	20.67		
10	64QAM	50	0	20.64	20.71	20.64		
10	256QAM	1	0	18.51	18.58	18.47		
10	256QAM	1	25	18.57	18.59	18.58	19.3	5
10	256QAM	1	49	18.53	18.67	18.65		
10	256QAM	25	0	18.49	18.59	18.55		
10	256QAM	25	12	18.48	18.56	18.52	19.3	5
10	256QAM	25	25	18.56	18.58	18.48		
10	256QAM	50	0	18.51	18.61	18.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.62	23.73	23.60		
5	QPSK	1	12	23.59	23.67	23.47	24.3	0
5	QPSK	1	24	23.55	23.63	23.53		
5	QPSK	12	0	22.60	22.68	22.63		
5	QPSK	12	7	22.40	22.59	22.50		
5	QPSK	12	13	22.59	22.72	22.56	23.3	1
5	QPSK	25	0	22.49	22.64	22.44		
5	16QAM	1	0	22.65	22.82	22.65		
5	16QAM	1	12	22.95	22.88	22.82	23.3	1
5	16QAM	1	24	22.79	22.83	22.69		
5	16QAM	12	0	21.38	21.54	21.50		
5	16QAM	12	7	21.58	21.69	21.55	22.3	2
5	16QAM	12	13	21.66	21.77	21.60		
5	16QAM	25	0	21.54	21.61	21.67		
5	64QAM	1	0	21.71	21.74	21.77		
5	64QAM	1	12	21.84	21.88	21.74	22.3	2
5	64QAM	1	24	21.79	21.91	21.73		
5	64QAM	12	0	20.56	20.61	20.62		
5	64QAM	12	7	20.45	20.65	20.42	21.3	3
5	64QAM	12	13	20.66	20.62	20.52		
5	64QAM	25	0	20.53	20.68	20.54		
5	256QAM	1	0	18.41	18.57	18.41		
5	256QAM	1	12	18.45	18.54	18.48	19.3	5
5	256QAM	1	24	18.38	18.52	18.63		
5	256QAM	12	0	18.36	18.57	18.48		
5	256QAM	12	7	18.44	18.55	18.37	19.3	5
5	256QAM	12	13	18.55	18.57	18.38		
5	256QAM	25	0	18.44	18.49	18.39		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.59	23.73	23.68		
3	QPSK	1	8	23.50	23.60	23.54	24.3	0
3	QPSK	1	14	23.58	23.72	23.58		
3	QPSK	8	0	22.61	22.74	22.62		
3	QPSK	8	4	22.47	22.49	22.45		
3	QPSK	8	7	22.51	22.70	22.48	23.3	1
3	QPSK	15	0	22.45	22.65	22.54		
3	16QAM	1	0	22.74	22.77	22.65		
3	16QAM	1	8	22.96	22.92	22.73	23.3	1
3	16QAM	1	14	22.81	22.78	22.73		
3	16QAM	8	0	21.34	21.56	21.51		
3	16QAM	8	4	21.56	21.62	21.56	22.3	2
3	16QAM	8	7	21.67	21.73	21.57		
3	16QAM	15	0	21.54	21.68	21.67		
3	64QAM	1	0	21.70	21.81	21.84		
3	64QAM	1	8	21.73	21.92	21.72	22.3	2
3	64QAM	1	14	21.80	21.88	21.73		
3	64QAM	8	0	20.56	20.64	20.57		
3	64QAM	8	4	20.55	20.51	20.37	21.3	3
3	64QAM	8	7	20.56	20.68	20.66		
3	64QAM	15	0	20.60	20.62	20.54		
3	256QAM	1	0	18.40	18.44	18.32		
3	256QAM	1	8	18.46	18.51	18.51	19.3	5
3	256QAM	1	14	18.58	18.53	18.55		
3	256QAM	8	0	18.39	18.52	18.51		
3	256QAM	8	4	18.35	18.41	18.37	19.3	5
3	256QAM	8	7	18.55	18.49	18.45		
3	256QAM	15	0	18.42	18.57	18.55		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.72	23.71	23.62		
1.4	QPSK	1	3	23.50	23.63	23.53		
1.4	QPSK	1	5	23.74	23.72	23.62	24.3	0
1.4	QPSK	3	0	23.63	23.64	23.53		
1.4	QPSK	3	1	23.38	23.53	23.40		
1.4	QPSK	3	3	23.45	23.68	23.41		
1.4	QPSK	6	0	22.45	22.63	22.47	23.3	1
1.4	16QAM	1	0	22.73	22.84	22.75		
1.4	16QAM	1	3	22.95	22.97	22.86		
1.4	16QAM	1	5	22.81	22.75	22.71	23.3	1
1.4	16QAM	3	0	22.58	22.70	22.74		
1.4	16QAM	3	1	22.94	22.93	22.80		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.54	21.62	21.65	22.3	2
1.4	64QAM	1	0	21.66	21.73	21.79		
1.4	64QAM	1	3	21.76	21.97	21.82		
1.4	64QAM	1	5	21.78	21.87	21.74	22.3	2
1.4	64QAM	3	0	21.64	21.65	21.68		
1.4	64QAM	3	1	21.70	21.86	21.72		
1.4	64QAM	3	3	21.76	21.86	21.72		
1.4	64QAM	6	0	20.59	20.66	20.50	21.3	3
1.4	256QAM	1	0	18.49	18.52	18.34		
1.4	256QAM	1	3	18.47	18.50	18.47		
1.4	256QAM	1	5	18.47	18.63	18.59	19.3	5
1.4	256QAM	3	0	18.47	18.58	18.45		
1.4	256QAM	3	1	18.42	18.41	18.47		
1.4	256QAM	3	3	18.46	18.51	18.37		
1.4	256QAM	6	0	18.46	18.56	18.46	19.3	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.87	22.97	22.90		
10	QPSK	1	25	22.82	22.94	22.83	23.4	0
10	QPSK	1	49	22.87	22.90	22.81		
10	QPSK	25	0	21.93	21.94	21.89		
10	QPSK	25	12	21.79	21.85	21.70	22.4	1
10	QPSK	25	25	21.80	21.85	21.80		
10	QPSK	50	0	21.79	21.91	21.88		
10	16QAM	1	0	22.02	22.16	22.12		
10	16QAM	1	25	22.12	22.14	22.11	22.4	1
10	16QAM	1	49

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.70		24.8	0
10	QPSK	1	25		23.64			
10	QPSK	1	49		23.48			
10	QPSK	25	0		22.68		23.8	1
10	QPSK	25	12		22.65			
10	QPSK	25	25		22.67			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.75		23.8	1
10	16QAM	1	25		23.02			
10	16QAM	1	49		22.86			
10	16QAM	25	0		21.69		22.8	2
10	16QAM	25	12		21.72			
10	16QAM	25	25		21.68			
10	16QAM	50	0		21.65			
10	64QAM	1	0		21.81		22.8	2
10	64QAM	1	25		21.89			
10	64QAM	1	49		21.73			
10	64QAM	25	0		20.70		21.8	3
10	64QAM	25	12		20.70			
10	64QAM	25	25		20.73			
10	64QAM	50	0		20.68			
10	256QAM	1	0		18.60		19.8	5
10	256QAM	1	25		18.64			
10	256QAM	1	49		18.62			
10	256QAM	25	0		18.56		19.8	5
10	256QAM	25	12		18.57			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.56			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.63	23.62	23.67	24.8	0
5	QPSK	1	12	23.59	23.54	23.63		
5	QPSK	1	24	23.43	23.47	23.34		
5	QPSK	12	0	22.58	22.60	22.66	23.8	1
5	QPSK	12	7	22.60	22.59	22.64		
5	QPSK	12	13	22.53	22.55	22.63		
5	QPSK	25	0	22.51	22.60	22.60		
5	16QAM	1	0	22.73	22.72	22.65	23.8	1
5	16QAM	1	12	22.89	22.89	23.01		
5	16QAM	1	24	22.74	22.84	22.85		
5	16QAM	12	0	21.65	21.64	21.68	22.8	2
5	16QAM	12	7	21.60	21.61	21.59		
5	16QAM	12	13	21.64	21.56	21.63		
5	16QAM	25	0	21.51	21.51	21.54		
5	64QAM	1	0	21.67	21.66	21.79	22.8	2
5	64QAM	1	12	21.76	21.86	21.86		
5	64QAM	1	24	21.58	21.59	21.69		
5	64QAM	12	0	20.66	20.65	20.68	21.8	3
5	64QAM	12	7	20.63	20.68	20.58		
5	64QAM	12	13	20.62	20.58	20.71		
5	64QAM	25	0	20.53	20.64	20.65		
5	256QAM	1	0	18.42	18.44	18.44	19.8	5
5	256QAM	1	12	18.61	18.49	18.51		
5	256QAM	1	24	18.52	18.58	18.56		
5	256QAM	12	0	18.53	18.56	18.60	19.8	5
5	256QAM	12	7	18.41	18.47	18.45		
5	256QAM	12	13	18.48	18.38	18.48		
5	256QAM	25	0	18.60	18.56	18.61		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.95		23.9	0
10	QPSK	1	25		22.87			
10	QPSK	1	49		22.46			
10	QPSK	25	0		21.90		22.9	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.79			
10	QPSK	50	0		21.80			
10	16QAM	1	0		22.03		22.9	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.81		21.9	2
10	16QAM	25	12		20.86			
10	16QAM	25	25		20.84			
10	16QAM	50	0		20.79			
10	64QAM	1	0		20.99		21.9	2
10	64QAM	1	25		20.96			
10	64QAM	1	49		20.92			
10	64QAM	25	0		19.84		20.9	3
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.85			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.55		18.9	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.60			
10	256QAM	25	0		17.69		18.9	5
10	256QAM	25	12		17.58			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.71	22.72	23.9	0
5	QPSK	1	12	22.80	22.79	22.73		
5	QPSK	1	24	22.37	22.39	22.36		
5	QPSK	12	0	21.68	21.66	21.70	22.9	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.70	21.75	21.74		
5	QPSK	25	0	21.70	21.69	21.66		
5	16QAM	1	0	21.89	21.94	21.99	22.9	1
5	16QAM	1	12	21.92	21.91	21.98		
5	16QAM	1	24	21.96	21.97	21.88		
5	16QAM	12	0	20.70	20.69	20.71	21.9	2
5	16QAM	12	7	20.79	20.76	20.78		
5	16QAM	12	13	20.73	20.71	20.75		
5	16QAM	25	0	20.66	20.77	20.64		
5	64QAM	1	0	20.95	20.84	20.98	21.9	2
5	64QAM	1	12	20.82	20.93	20.89		
5	64QAM	1	24	20.84	20.90	20.91		
5	64QAM	12	0	19.77	19.75	19.71	20.9	3
5	64QAM	12	7	19.83	19.84	19.80		
5	64QAM	12	13	19.73	19.83	19.77		
5	64QAM	25	0	19.71	19.84	19.75		
5	256QAM	1	0	17.55	17.56	17.54	18.9	5
5	256QAM	1	12	17.61	17.59	17.56		
5	256QAM	1	24	17.55	17.52	17.51		
5	256QAM	12	0	17.59	17.65	17.59	18.9	5
5	256QAM	12	7	17.66	17.59	17.71		
5	256QAM	12	13	17.52	17.55	17.53		
5	256QAM	25	0	17.58	17.51	17.64		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.60	23.76	23.74	24.3	0
10	QPSK	1	25	23.57	23.67	23.57		
10	QPSK	1	49	23.59	23.66	23.62		
10	QPSK	25	0	22.57	22.67	22.62	23.3	1
10	QPSK	25	12	22.50	22.56	22.46		
10	QPSK	25	25	22.54	22.59	22.57		
10	QPSK	50	0	22.38	22.49	22.39		
10	16QAM	1	0	22.63	22.77	22.69	23.3	1
10	16QAM	1	25	22.79	22.82	22.78		
10	16QAM	1	49	22.83	22.92	22.78		
10	16QAM	25	0	21.47	21.50	21.47	22.3	2
10	16QAM	25	12	21.44	21.56	21.43		
10	16QAM	25	25	21.50	21.61	21.57		
10	16QAM	50	0	21.45	21.54	21.51		
10	64QAM	1	0	21.48	21.60	21.51	22.3	2
10	64QAM	1	25	21.78	21.81	21.79		
10	64QAM	1	49	21.65	21.70	21.55		
10	64QAM	25	0	20.42	20.52	20.45	21.3	3
10	64QAM	25	12	20.43	20.55	20.48		
10	64QAM	25	25	20.51	20.63	20.51		
10	64QAM	50	0	20.37	20.47	20.43		
10	256QAM	1	0	18.36	18.35	18.39	19.3	5
10	256QAM	1	25	18.31	18.37	18.28		
10	256QAM	1	49	18.35	18.33	18.35		
10	256QAM	25	0	18.46	18.43	18.46	19.3	5
10	256QAM	25	12	18.33	18.35	18.46		
10	256QAM	25	25	18.34	18.41	18.39		
10	256QAM	50	0	18.38	18.39	18.37		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.59	23.65	23.63	24.3	0
5	QPSK	1	12	23.42	23.66	23.45		
5	QPSK	1	24	23.46	23.63	23.59		
5	QPSK	12	0	22.46	22.61	22.53	23.3	1
5	QPSK	12	7	22.39	22.42	22.42		
5	QPSK	12	13	22.52	22.51	22.53		
5	QPSK	25	0	22.23	22.45	22.28		
5	16QAM	1	0	22.54	22.74	22.68	23.3	1
5	16QAM	1	12	22.78	22.75	22.70		
5	16QAM	1	24	22.78	22.88	22.73		
5	16QAM	12	0	21.42	21.49	21.42	22.3	2
5	16QAM	12	7	21.38	21.43	21.37		
5	16QAM	12	13	21.44	21.48	21.53		
5	16QAM	25	0	21.30	21.45	21.43		
5	64QAM	1	0	21.44	21.45	21.41	22.3	2
5	64QAM	1	12	21.77	21.68	21.78		
5	64QAM	1	24	21.50	21.64	21.45		
5	64QAM	12	0	20.30	20.41	20.32	21.3	3
5	64QAM	12	7	20.40	20.50	20.46		
5	64QAM	12	13	20.47	20.57	20.46		
5	64QAM	25	0	20.25	20.37	20.39		
5	256QAM	1	0	18.23	18.34	18.26	19.3	5
5	256QAM	1	12	18.24	18.30	18.13		
5	256QAM	1	24	18.24	18.19	18.25		
5	256QAM	12	0	18.43	18.40	18.42	19.3	5
5	256QAM	12	7	18.27	18.29	18.33		
5	256QAM	12	13	18.22	18.26	18.28		
5	256QAM	25	0	18.32	18.35	18.32		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.83	22.96	22.87	23.4	0
10	QPSK	1	25	22.81	22.90	22.85		
10	QPSK	1	49	22.69	22.80	22.70		
10	QPSK	25	0	21.70	21.90	21.84	22.4	1
10	QPSK	25	12	21.64	21.77	21.64		
10	QPSK	25	25	21.70	21.82	21.80		
10	QPSK	50	0	21.63	21.70	21.66		
10	16QAM	1	0	22.03	22.09	22.04	22.4	1
10	16QAM	1	25	21.97	22.03	21.92		
10	16QAM	1	49	22.04	22.09	22.03		
10	16QAM	25	0	20.72	20.76	20.71	21.4	2
10	16QAM	25	12	20.78	20.82	20.67		
10	16QAM	25	25	20.78	20.87	20.85		
10	16QAM	50	0	20.69	20.71	20.59		
10	64QAM	1	0	20.87	21.01	21.00	21.4	2
10	64QAM	1	25	20.99	21.10	20.99		
10	64QAM	1	49	20.81	20.91	20.76		
10	64QAM	25	0	19.65	19.69	19.62	20.4	3
10	64QAM	25	12	19.79	19.81	19.80		
10	64QAM	25	25	19.84	19.88	19.85		
10	64QAM	50	0	19.74	19.79	19.68		
10	256QAM	1	0	17.63	17.68	17.66	18.4	5
10	256QAM	1	25	17.71	17.57	17.63		
10	256QAM	1	49	17.69	17.59	17.69		
10	256QAM	25	0	17.70	17.71	17.57	18.4	5
10	256QAM	25	12	17.63	17.59	17.58		
10	256QAM	25	25	17.68	17.62	17.70		
10	256QAM	50	0	17.59	17.70	17.61		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.82	22.77	23.4	0
5	QPSK	1	12	22.75	22.83	22.83		
5	QPSK	1	24	22.65	22.67	22.56		
5	QPSK	12	0	21.67	21.89	21.76	22.4	1
5	QPSK	12	7	21.59	21.65	21.60		
5	QPSK	12	13	21.56	21.77	21.71		
5	QPSK	25	0	21.49	21.68	21.51		
5	16QAM	1	0	22.00	21.98	22.02	22.4	1
5	16QAM	1	12	21.92	22.01	21.80		
5	16QAM	1	24	21.89	22.03	21.91		
5	16QAM	12	0	20.65	20.70	20.66	21.4	2
5	16QAM	12	7	20.69	20.67	20.53		
5	16QAM	12	13	20.75	20.78	20.83		
5	16QAM	25	0	20.59	20.69	20.47		
5	64QAM	1	0	20.85	20.95	20.88	21.4	2
5	64QAM	1	12	20.98	21.01	20.90		
5	64QAM	1	24	20.69	20.86	20.67		
5	64QAM	12	0	19.61	19.68	19.56	20.4	3
5	64QAM	12	7	19.66	19.66	19.77		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.64	19.67	19.63		
5	256QAM	1	0	17.61	17.59	17.64	18.4	5
5	256QAM	1	12	17.66	17.50	17.56		
5	256QAM	1	24	17.65	17.48	17.56		
5	256QAM	12	0	17.63	17.65	17.49	18.4	5
5	256QAM	12	7	17.51	17.56	17.48		
5	256QAM	12	13	17.62	17.56	17.61		
5	256QAM	25	0	17.56	17.57	17.48		

Band 25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
5	QPSK	1	0	20.55	20.65	20.43		
20	QPSK	1	49	20.44	20.62	20.41	20.8	0
20	QPSK	1	99	20.40	20.64	20.28		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.44	20.55	20.32	20.8	0
20	QPSK	50	50	20.41	20.55	20.28		
20	QPSK	100	0	20.50	20.53	20.30		
20	16QAM	1	0	20.53	20.53	20.40		
20	16QAM	1	49	20.51	20.50	20.38	20.8	0
20	16QAM	1	99	20.41	20.64	20.35		
20	16QAM	50	0	20.40	20.51	20.36		
20	16QAM	50	24	20.44	20.57	20.28	20.8	0
20	16QAM	50	50	20.48	20.62	20.37		
20	16QAM	100	0	20.52	20.50	20.40		
20	64QAM	1	0	20.47	20.58	20.34		
20	64QAM	1	49	20.46	20.55	20.40	20.8	0
20	64QAM	1	99	20.50	20.55	20.28		
20	64QAM	50	0	20.45	20.50	20.36		
20	64QAM	50	24	20.42	20.51	20.40	20.8	0
20	64QAM	50	50	20.52	20.53	20.42		
20	64QAM	100	0	20.51	20.52	20.41		
20	256QAM	1	0	18.60	18.62	18.62		
20	256QAM	1	49	18.49	18.63	18.62	19.3	1.5
20	256QAM	1	99	18.65	18.53	18.49		
20	256QAM	50	0	18.57	18.51	18.58		
20	256QAM	50	24	18.47	18.51	18.46	19.3	1.5
20	256QAM	50	50	18.55	18.59	18.64		
20	256QAM	100	0	18.68	18.54	18.57		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.44	20.55	20.34	20.8	0
15	QPSK	1	37	20.40	20.59	20.35		
15	QPSK	1	74	20.26	20.62	20.22		
15	QPSK	36	0	20.45	20.47	20.26		
15	QPSK	36	20	20.43	20.47	20.25	20.8	0
15	QPSK	36	39	20.33	20.45	20.25		
15	QPSK	75	0	20.38	20.49	20.24		
15	16QAM	1	0	20.49	20.50	20.33		
15	16QAM	1	37	20.48	20.36	20.25	20.8	0
15	16QAM	1	74	20.39	20.61	20.32		
15	16QAM	36	0	20.33	20.53	20.22		
15	16QAM	36	20	20.43	20.45	20.32	20.8	0
15	16QAM	36	39	20.45	20.48	20.31		
15	16QAM	75	0	20.39	20.35	20.35		
15	64QAM	1	0	20.43	20.54	20.20		
15	64QAM	1	37	20.34	20.57	20.35	20.8	0
15	64QAM	1	74	20.35	20.46	20.26		
15	64QAM	36	0	20.41	20.45	20.23		
15	64QAM	36	20	20.35	20.42	20.30	20.8	0
15	64QAM	36	39	20.51	20.38	20.27		
15	64QAM	75	0	20.46	20.41	20.36		
15	256QAM	1	0	18.52	18.49	18.56		
15	256QAM	1	37	18.45	18.52	18.61	19.3	1.5
15	256QAM	1	74	18.54	18.45	18.45		
15	256QAM	36	0	18.51	18.46	18.43		
15	256QAM	36	20	18.42	18.55	18.44	19.3	1.5
15	256QAM	36	39	18.43	18.51	18.50		
15	256QAM	75	0	18.53	18.45	18.44		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.53	20.50	20.32		
10	QPSK	1	25	20.37	20.55	20.30	20.8	0
10	QPSK	1	49	20.39	20.59	20.13		
10	QPSK	25	0	20.42	20.40	20.31		
10	QPSK	25	12	20.32	20.42	20.29	20.8	0
10	QPSK	25	25	20.27	20.41	20.19		
10	QPSK	50	0	20.42	20.41	20.23		
10	16QAM	1	0	20.48	20.48	20.35		
10	16QAM	1	25	20.37	20.39	20.28	20.8	0
10	16QAM	1	49	20.33	20.56	20.30		
10	16QAM	25	0	20.32	20.49	20.23		
10	16QAM	25	12	20.30	20.53	20.23	20.8	0
10	16QAM	25	25	20.45	20.50	20.35		
10	16QAM	50	0	20.48	20.46	20.38		
10	64QAM	1	0	20.46	20.52	20.31		
10	64QAM	1	25	20.39	20.50	20.39	20.8	0
10	64QAM	1	49	20.43	20.39	20.27		
10	64QAM	25	0	20.30	20.38	20.35		
10	64QAM	25	12	20.32	20.38	20.26	20.8	0
10	64QAM	25	25	20.37	20.40	20.33		
10	64QAM	50	0	20.50	20.40	20.29		
10	256QAM	1	0	18.53	18.55	18.56		
10	256QAM	1	25	18.35	18.51	18.60	19.3	1.5
10	256QAM	1	49	18.62	18.52	18.48		
10	256QAM	25	0	18.45	18.47	18.48		
10	256QAM	25	12	18.34	18.54	18.40	19.3	1.5
10	256QAM	25	25	18.43	18.56	18.62		
10	256QAM	50	0	18.61	18.50	18.51		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.51	20.54	20.29		
5	QPSK	1	12	20.39	20.56	20.31	20.8	0
5	QPSK	1	24	20.39	20.49	20.20		
5	QPSK	12	0	20.43	20.46	20.32		
5	QPSK	12	7	20.42	20.48	20.19	20.8	0
5	QPSK	12	13	20.31	20.52	20.16		
5	QPSK	25	0	20.41	20.41	20.23		
5	16QAM	1	0	20.44	20.40	20.32		
5	16QAM	1	12	20.47	20.36	20.32	20.8	0
5	16QAM	1	24	20.40	20.23	20.29		
5	16QAM	12	0	20.37	20.61	20.21		
5	16QAM	12	7	20.40	20.42	20.27	20.8	0
5	16QAM	12	13	20.45	20.48	20.34		
5	16QAM	25	0	20.51	20.41	20.37		
5	64QAM	1	0	20.32	20.49	20.28		
5	64QAM	1	12	20.43	20.46	20.39	20.8	0
5	64QAM	1	24	20.46	20.42	20.19		
5	64QAM	12	0	20.40	20.38	20.33		
5	64QAM	12	7	20.35	20.44	20.39	20.8	0
5	64QAM	12	13	20.49	20.44	20.28		
5	64QAM	25	0	20.39	20.40	20.26		
5	256QAM	1	0	18.59	18.58	18.53		
5	256QAM	1	12	18.46	18.53	18.54	19.3	1.5
5	256QAM	1	24	18.54	18.43	18.40		
5	256QAM	12	0	18.43	18.53	18.56		
5	256QAM	12	7	18.32	18.53	18.45	19.3	1.5
5	256QAM	12	13	18.44	18.57	18.57		
5	256QAM	25	0	18.58	18.53	18.50		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.45	20.55	20.31		
3	QPSK	1	8	20.38	20.56	20.33	20.8	0
3	QPSK	1	14	20.35	20.58	20.21		
3	QPSK	8	0	20.35	20.44	20.26		
3	QPSK	8	4	20.42	20.47	20.29	20.8	0
3	QPSK	8	7	20.39	20.45	20.20		
3	QPSK	15	0	20.35	20.53	20.15		
3	16QAM	1	0	20.52	20.43	20.27		
3	16QAM	1	8	20.41	20.36	20.26	20.8	0
3	16QAM	1	14	20.30	20.55	20.30		
3	16QAM	8	0	20.27	20.55	20.29		
3	16QAM	8	4	20.33	20.55	20.24	20.8	0
3	16QAM	8	7	20.41	20.55	20.22		
3	16QAM	15	0	20.43	20.35	20.35		
3	64QAM	1	0	20.34	20.47	20.33		
3	64QAM	1	8	20.32	20.42	20.39	20.8	0
3	64QAM	1	14	20.42	20.46	20.24		
3	64QAM	8	0	20.33	20.47	20.25		
3	64QAM	8	4	20.32	20.50	20.30	20.8	0
3	64QAM	8	7	20.38	20.43	20.28		
3	64QAM	15	0	20.50	20.45	20.30		
3	256QAM	1	0	18.55	18.58	18.51		
3	256QAM	1	8	18.46	18.59	18.59	19.3	1.5
3	256QAM	1	14	18.61	18.49	18.37		
3	256QAM	8	0	18.53	18.47	18.57		
3	256QAM	8	4	18.36	18.59	18.39	19.3	1.5
3	256QAM	8	7	18.52	18.48	18.54		
3	256QAM	15	0	18.64	18.39	18.51		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.49	20.55	20.38		
1.4	QPSK	1	3	20.32	20.51	20.39		
1.4	QPSK	1	5	20.29	20.62	20.18	20.8	0
1.4	QPSK	3	0	20.40	20.49	20.18		
1.4	QPSK	3	1	20.35	20.54	20.17		
1.4	QPSK	3	3	20.30	20.40	20.21		
1.4	QPSK	6	0	20.40	20.48	20.16	20.8	0
1.4	16QAM	1	0	20.51	20.48	20.29		
1.4	16QAM	1	3	20.44	20.40	20.26		
1.4	16QAM	1	5	20.36	20.60	20.33	20.8	0
1.4	16QAM	3	0	20.28	20.48	20.29		
1.4	16QAM	3	1	20.36	20.49	20.19		
1.4	16QAM	3	3	20.34	20.56	20.36		
1.4	16QAM	6	0	20.37	20.47	20.36	20.8	0
1.4	64QAM	1	0	20.35	20.49	20.27		
1.4	64QAM	1	3	20.37	20.48	20.36		
1.4	64QAM	1	5	20.43	20.54	20.21	20.8	0
1.4	64QAM	3	0	20.44	20.44	20.34		
1.4	64QAM	3	1	20.30	20.43	20.32		
1.4	64QAM	3	3	20.38	20.44	20.32		
1.4	64QAM	6	0	20.38	20.41	20.35	20.8	0
1.4	256QAM	1	0	18.45	18.54	18.47		
1.4	256QAM	1	3	18.48	18.53	18.55		
1.4	256QAM	1	5	18.60	18.44	18.39	19.3	1.5
1.4	256QAM	3	0	18.47	18.44	18.53		
1.4	256QAM	3	1	18.41	18.58	18.43		
1.4	256QAM	3	3	18.48	18.52	18.60		
1.4	256QAM	6	0	18.53	18.43	18.52	19.3	1.5

Band 25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.43	19.53	19.39		
20	QPSK	1	49	19.28	19.48	19.24	19.8	0
20	QPSK	1	99	19.32	19.42	19.24		
20	QPSK	50	0	19.41	19.49	19.38		
20	QPSK	50	24	19.31	19.46	19.37	19.8	0
20	QPSK	50	50	19.35	19.41	19.27		
20	QPSK	100	0	19.35	19.42	19.29		
20	16QAM	1	0	19.35	19.42	19.30		
20	16QAM	1	49	19.30	19.38	19.28	19.8	0
20	16QAM	1	99	19.40	19.45	19.29		
20	16QAM	50	0	19.89	19.93	19.85		
20	16QAM	50	24	18.97	19.08	19.06	19.8	0
20	16QAM	50	50	18.97	19.06	18.98		
20	16QAM	100	0	19.05	19.09	19.02		
20	64QAM	1	0	19.18	19.24	19.23		
20	64QAM	1	49	19.27	19.23	19.26	19.8	0
20	64QAM	1	99	19.08	19.18	19.13		
20	64QAM	50	0	18.99	19.01	18.89		
20	64QAM	50	24	19.07	19.13	19.11	19.8	0
20	64QAM	50	50	18.96	19.07	18.95		
20	64QAM	100	0	18.90	19.16	18.96		
20	256QAM	1	0	16.88	16.96	16.85		
20	256QAM	1	49	16.84	16.94	16.81	17.8	2
20	256QAM	1	99	16.74	16.87	16.74		
20	256QAM	50	0	16.82	16.96	16.86		
20	256QAM	50	24	16.76	16.90	16.97	17.8	2
20	256QAM	50	50	16.76	16.91	16.86		
20	256QAM	100	0	16.79	16.81	16.87		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.38	19.51	19.25		
15	QPSK	1	37	19.13	19.47	19.12	19.8	0
15	QPSK	1	74	19.18	19.27	19.09		
15	QPSK	36	0	19.34	19.36	19.23		
15	QPSK	36	20	19.30	19.36	19.31	19.8	0
15	QPSK	36	39	19.31	19.26	19.20		
15	QPSK	75	0	19.20	19.29	19.21		
15	16QAM	1	0	19.30	19.27	19.27		
15	16QAM	1	37	19.24	19.30	19.15	19.8	0
15	16QAM	1	74	19.35	19.38	19.28		
15	16QAM	36	0	18.84	18.96	18.84		
15	16QAM	36	20	18.93	18.95	18.94	19.8	0
15	16QAM	36	39	18.83	18.99	18.95		
15	16QAM	75	0	19.02	19.08	18.99		
15	64QAM	1	0	19.09	19.10	19.22		
15	64QAM	1	37	19.34	19.18	19.21	19.8	0
15	64QAM	1	74	18.99	19.14	19.11		
15	64QAM	36	0	18.79	18.99	18.75		
15	64QAM	36	20	19.01	19.07	18.96	19.8	0
15	64QAM	36	39	18.88	18.94	18.81		
15	64QAM	75	0	18.79	19.15	18.90		
15	256QAM	1	0	16.82	16.94	16.77		
15	256QAM	1	37	16.77	16.87	16.79	17.8	2
15	256QAM	1	74	16.62	16.72	16.69		
15	256QAM	36	0	16.75	16.81	16.77		
15	256QAM	36	20	16.65	16.76	16.93	17.8	2
15	256QAM	36	39	16.68	16.85	16.82		
15	256QAM	75	0	16.68	16.73	16.76		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.38	19.49	19.38		
10	QPSK	1	25	19.27	19.34	19.12	19.8	0
10	QPSK	1	49	19.21	19.33	19.16		
10	QPSK	25	0	19.39	19.41	19.33		
10	QPSK	25	12	19.30	19.38	19.22	19.8	0
10	QPSK	25	25	19.27	19.38	19.24		
10	QPSK	50	0	19.22	19.28	19.19		
10	16QAM	1	0	19.23	19.27	19.24		
10	16QAM	1	25	19.27	19.28	19.22	19.8	0
10	16QAM	1	49	19.30	19.44	19.16		
10	16QAM	25	0	18.75	19.07	18.80		
10	16QAM	25	12	18.86	18.96	19.03	19.8	0
10	16QAM	25	25	18.99	18.98	18.88		
10	16QAM	50	0	18.94	19.00	18.94		
10	64QAM	1	0	19.03	19.11	19.18		
10	64QAM	1	25	19.16	19.19	19.22	19.8	0
10	64QAM	1	49	18.96	19.16	18.98		
10	64QAM	25	0	18.93	18.93	18.81		
10	64QAM	25	12	19.06	19.11	19.08	19.8	0
10	64QAM	25	25	18.95	18.98	18.80		
10	64QAM	50	0	18.75	19.15	18.88		
10	256QAM	1	0	16.86	16.88	16.83		
10	256QAM	1	25	16.73	16.84	16.79	17.8	2
10	256QAM	1	49	16.63	16.82	16.70		
10	256QAM	25	0	16.77	16.81	16.79		
10	256QAM	25	12	16.72	16.74	16.95	17.8	2
10	256QAM	25	25	16.75	16.90	16.82		
10	256QAM	50	0	16.71	16.87	16.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.35	19.44	19.31		
5	QPSK	1	12	19.22	19.36	19.23	19.8	0
5	QPSK	1	24	19.14	19.34	19.10		
5	QPSK	12	0	19.33	19.46	19.35		
5	QPSK	12	7	19.17	19.31	19.29	19.8	0
5	QPSK	12	13	19.26	19.35	19.17		
5	QPSK	25	0	19.22	19.35	19.23		
5	16QAM	1	0	19.29	19.33	19.26		
5	16QAM	1	12	19.20	19.24	19.18	19.8	0
5	16QAM	1	24	19.29	19.14	19.22		
5	16QAM	12	0	18.81	19.02	18.83		
5	16QAM	12	7	18.92	19.04	18.96	19.8	0
5	16QAM	12	13	18.83	19.01	18.91		
5	16QAM	25	0	19.01	18.98	18.88		
5	64QAM	1	0	19.17	19.21	19.22		
5	64QAM	1	12	19.24	19.12	19.13	19.8	0
5	64QAM	1	24	19.02	19.08	19.11		
5	64QAM	12	0	18.81	18.90	18.85		
5	64QAM	12	7	19.00	19.03	18.98	19.8	0
5	64QAM	12	13	18.93	18.99	18.86		
5	64QAM	25	0	18.85	19.08	18.96		
5	256QAM	1	0	16.86	16.92	16.75		
5	256QAM	1	12	16.70	16.92	16.80	17.8	2
5	256QAM	1	24	16.68	16.85	16.71		
5	256QAM	12	0	16.79	16.92	16.83		
5	256QAM	12	7	16.63	16.67	16.95	17.8	2
5	256QAM	12	13	16.68	16.85	16.76		
5	256QAM	25	0	16.65	16.90	16.80		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.29	19.50	19.28		
3	QPSK	1	8	19.21	19.36	19.09	19.8	0
3	QPSK	1	14	19.17	19.38	19.17		
3	QPSK	8	0	19.35	19.43	19.33		
3	QPSK	8	4	19.22	19.42	19.25	19.8	0
3	QPSK	8	7	19.24	19.36	19.17		
3	QPSK	15	0	19.26	19.29	19.22		
3	16QAM	1	0	19.25	19.29	19.16		
3	16QAM	1	8	19.23	19.28	19.20	19.8	0
3	16QAM	1	14	19.25	19.44	19.16		
3	16QAM	8	0	18.79	19.04	18.83		
3	16QAM	8	4	18.83	19.03	18.94	19.8	0
3	16QAM	8	7	18.91	19.04	18.89		
3	16QAM	15	0	18.97	19.01	18.94		
3	64QAM	1	0	19.04	19.16	19.08		
3	64QAM	1	8	19.21	19.09	19.14	19.8	0
3	64QAM	1	14	19.07	19.14	19.06		
3	64QAM	8	0	18.90	18.98	18.85		
3	64QAM	8	4	19.01	19.00	18.96	19.8	0
3	64QAM	8	7	18.86	18.95	18.80		
3	64QAM	15	0	18.81	19.15	18.91		
3	256QAM	1	0	16.77	16.83	16.72		
3	256QAM	1	8	16.78	16.86	16.69	17.8	2
3	256QAM	1	14	16.64	16.81	16.59		
3	256QAM	8	0	16.74	16.93	16.83		
3	256QAM	8	4	16.65	16.72	16.85	17.8	2
3	256QAM	8	7	16.73	16.90	16.78		
3	256QAM	15	0	16.74	16.75	16.81		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.42	19.46	19.38		
1.4	QPSK	1	3	19.15	19.37	19.11		
1.4	QPSK	1	5	19.22	19.29	19.09	19.8	0
1.4	QPSK	3	0	19.40	19.52	19.34		
1.4	QPSK	3	1	19.27	19.40	19.13		
1.4	QPSK	3	3	19.26	19.39	19.09		
1.4	QPSK	6	0	19.29	19.43	19.24	19.8	0
1.4	16QAM	1	0	19.25	19.43	19.33		
1.4	16QAM	1	3	19.28	19.36	19.24		
1.4	16QAM	1	5	19.27	19.28	19.17	19.8	0
1.4	16QAM	3	0	19.29	19.29	19.20		
1.4	16QAM	3	1	19.22	19.29	19.21		
1.4	16QAM	3	3	19.32	19.35	19.20		
1.4	16QAM	6	0	18.85	19.04	18.80	19.8	0
1.4	64QAM	1	0	18.84	18.95	19.02		
1.4	64QAM	1	3	18.91	18.95	18.92		
1.4	64QAM	1	5	19.01	19.06	18.92	19.8	0
1.4	64QAM	3	0	19.05	19.13	19.10		
1.4	64QAM	3	1	19.13	19.18	19.20		
1.4	64QAM	3	3	18.95	19.16	19.00		
1.4	64QAM	6	0	18.85	19.02	18.87	19.8	0
1.4	256QAM	1	0	16.81	16.90	16.81		
1.4	256QAM	1	3	16.81	16.85	16.69		
1.4	256QAM	1	5	16.62	16.86	16.65	17.8	2
1.4	256QAM	3	0	16.72	16.89	16.72		
1.4	256QAM	3	1	16.64	16.66	16.85		
1.4	256QAM	3	3	16.73	16.86	16.84		
1.4	256QAM	6	0	16.78	16.72	16.86	17.8	2

Band 25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.31	22.38	22.32		
20	QPSK	1	49	22.24	22.37	22.26	23	0
20	QPSK	1	99	22.22	22.33	22.22		
20	QPSK	50	0	22.27	22.33	22.28		
20	QPSK	50	24	22.21	22.26	22.26	23	0
20	QPSK	50	50	22.17	22.24	22.19		
20	QPSK	100	0	22.25	22.32	22.30		
20	16QAM	1	0	22.18	22.25	22.29		
20	16QAM	1	49	22.27

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.31	24.39	24.35		
15	QPSK	1	37	24.25	24.30	24.18	25	0
15	QPSK	1	74	24.11	24.19	24.05		
15	QPSK	36	0	23.27	23.30	23.21		
15	QPSK	36	20	23.11	23.25	23.17	24	1
15	QPSK	36	39	23.06	23.15	23.01		
15	QPSK	75	0	23.04	23.13	23.05		
15	16QAM	1	0	23.43	23.46	23.38		
15	16QAM	1	37	23.28	23.34	23.31	24	1
15	16QAM	1	74	23.24	23.31	23.26		
15	16QAM	36	0	22.08	22.21	22.18		
15	16QAM	36	20	22.23	22.28	22.23	23	2
15	16QAM	36	39	22.13	22.20	22.19		
15	16QAM	75	0	22.01	22.11	22.07		
15	64QAM	1	0	22.48	22.48	22.47		
15	64QAM	1	37	22.16	22.28	22.16	23	2
15	64QAM	1	74	22.16	22.29	22.16		
15	64QAM	36	0	21.16	21.22	21.15		
15	64QAM	36	20	21.15	21.27	21.25	22	3
15	64QAM	36	39	21.15	21.18	21.17		
15	64QAM	75	0	21.02	21.16	21.07		
15	256QAM	1	0	19.08	19.09	19.16		
15	256QAM	1	37	19.18	19.15	19.05	20	5
15	256QAM	1	74	19.23	19.13	19.22		
15	256QAM	36	0	19.14	19.09	19.11		
15	256QAM	36	20	19.21	19.17	19.14	20	5
15	256QAM	36	39	19.19	19.09	19.17		
15	256QAM	75	0	19.21	19.20	19.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.28	24.38	24.31		
10	QPSK	1	25	24.17	24.16	24.08	25	0
10	QPSK	1	49	24.02	24.06	23.90		
10	QPSK	25	0	23.20	23.22	23.15		
10	QPSK	25	12	23.08	23.11	23.04	24	1
10	QPSK	25	25	23.01	23.12	22.93		
10	QPSK	50	0	22.93	23.03	22.93		
10	16QAM	1	0	23.42	23.42	23.37		
10	16QAM	1	25	23.23	23.31	23.25	24	1
10	16QAM	1	49	23.11	23.22	23.13		
10	16QAM	25	0	22.06	22.17	22.05		
10	16QAM	25	12	22.14	22.22	22.13	23	2
10	16QAM	25	25	22.00	22.13	22.14		
10	16QAM	50	0	21.99	22.05	21.95		
10	64QAM	1	0	22.38	22.37	22.43		
10	64QAM	1	25	22.11	22.15	22.03	23	2
10	64QAM	1	49	22.12	22.15	22.11		
10	64QAM	25	0	21.15	21.15	21.05		
10	64QAM	25	12	21.04	21.17	21.23	22	3
10	64QAM	25	25	21.02	21.15	21.11		
10	64QAM	50	0	20.87	21.04	21.01		
10	256QAM	1	0	19.07	19.02	19.10		
10	256QAM	1	25	19.07	19.09	18.94	20	5
10	256QAM	1	49	19.19	19.01	19.14		
10	256QAM	25	0	19.02	18.94	19.05		
10	256QAM	25	12	19.15	19.02	19.09	20	5
10	256QAM	25	25	19.17	19.08	19.09		
10	256QAM	50	0	19.16	19.19	19.16		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.31	24.23		
5	QPSK	1	12	24.14	24.22	24.09	25	0
5	QPSK	1	24	24.07	24.10	23.90		
5	QPSK	12	0	23.23	23.29	23.20		
5	QPSK	12	7	23.04	23.15	23.10	24	1
5	QPSK	12	13	22.95	23.14	22.93		
5	QPSK	25	0	22.98	22.99	22.95		
5	16QAM	1	0	23.34	23.44	23.37		
5	16QAM	1	12	23.20	23.28	23.18	24	1
5	16QAM	1	24	23.20	23.30	23.18		
5	16QAM	12	0	21.99	22.19	22.14		
5	16QAM	12	7	22.20	22.14	22.15	23	2
5	16QAM	12	13	22.06	22.11	22.15		
5	16QAM	25	0	21.87	22.08	22.03		
5	64QAM	1	0	22.39	22.39	22.45		
5	64QAM	1	12	22.08	22.13	22.10	23	2
5	64QAM	1	24	22.12	22.22	22.09		
5	64QAM	12	0	21.09	21.17	21.05		
5	64QAM	12	7	21.05	21.21	21.11	22	3
5	64QAM	12	13	21.13	21.16	21.06		
5	64QAM	25	0	21.00	21.08	20.95		
5	256QAM	1	0	18.96	19.03	19.14		
5	256QAM	1	12	19.09	19.06	19.04	20	5
5	256QAM	1	24	19.12	19.12	19.17		
5	256QAM	12	0	19.13	19.02	18.98		
5	256QAM	12	7	19.12	19.03	19.01	20	5
5	256QAM	12	13	19.07	19.02	19.11		
5	256QAM	25	0	19.11	19.11	19.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.22	24.31	24.28		
3	QPSK	1	8	24.20	24.15	24.13	25	0
3	QPSK	1	14	24.03	24.14	23.98		
3	QPSK	8	0	23.22	23.25	23.13		
3	QPSK	8	4	22.96	23.13	23.05	24	1
3	QPSK	8	7	22.91	23.13	22.86		
3	QPSK	15	0	22.92	22.98	22.92		
3	16QAM	1	0	23.31	23.44	23.25		
3	16QAM	1	8	23.26	23.28	23.16	24	1
3	16QAM	1	14	23.09	23.16	23.16		
3	16QAM	8	0	22.01	22.10	22.04		
3	16QAM	8	4	22.21	22.26	22.22	23	2
3	16QAM	8	7	22.09	22.05	22.16		
3	16QAM	15	0	21.95	22.00	22.01		
3	64QAM	1	0	22.42	22.43	22.33		
3	64QAM	1	8	22.15	22.13	22.10	23	2
3	64QAM	1	14	22.02	22.28	22.06		
3	64QAM	8	0	21.01	21.17	21.04		
3	64QAM	8	4	21.09	21.24	21.16	22	3
3	64QAM	8	7	21.02	21.08	21.04		
3	64QAM	15	0	20.99	21.14	20.94		
3	256QAM	1	0	19.02	19.05	19.02		
3	256QAM	1	8	19.11	19.07	19.03	20	5
3	256QAM	1	14	19.11	19.03	19.15		
3	256QAM	8	0	18.99	19.06	19.03		
3	256QAM	8	4	19.12	19.09	19.03	20	5
3	256QAM	8	7	19.14	19.04	19.16		
3	256QAM	15	0	19.07	19.10	19.26		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.18	24.30	24.21		
1.4	QPSK	1	3	24.17	24.25	24.09		
1.4	QPSK	1	5	24.01	24.10	24.02	25	0
1.4	QPSK	3	0	24.16	24.26	24.27		
1.4	QPSK	3	1	24.16	24.17	24.13		
1.4	QPSK	3	3	24.07	24.05	23.96		
1.4	QPSK	6	0	22.90	23.07	22.94	24	1
1.4	16QAM	1	0	23.37	23.45	23.34		
1.4	16QAM	1	3	23.23	23.29	23.16		
1.4	16QAM	1	5	23.16	23.16	23.14	24	1
1.4	16QAM	3	0	23.27	23.42	23.24		
1.4	16QAM	3	1	23.14	23.23	23.12		
1.4	16QAM	3	3	23.15	23.14	23.01		
1.4	16QAM	6	0	21.96	22.01	21.92	23	2
1.4	64QAM	1	0	22.42	22.42	22.43		
1.4	64QAM	1	3	22.10	22.20	22.06		
1.4	64QAM	1	5	22.12	22.20	22.09	23	2
1.4	64QAM	3	0	22.37	22.37	22.36		
1.4	64QAM	3	1	22.05	22.17	21.98		
1.4	64QAM	3	3	22.02	22.06	22.07		
1.4	64QAM	6	0	20.97	21.02	20.92	22	3
1.4	256QAM	1	0	18.96	18.98	19.10		
1.4	256QAM	1	3	19.12	19.14	19.01		
1.4	256QAM	1	5	19.20	19.01	19.21	20	5
1.4	256QAM	3	0	19.11	18.96	18.96		
1.4	256QAM	3	1	19.11	19.08	19.05		
1.4	256QAM	3	3	19.13	19.07	19.13		
1.4	256QAM	6	0	19.14	19.14	19.19	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.46	23.50	23.49		
15	QPSK	1	37	23.37	23.45	23.39	24.1	0
15	QPSK	1	74	23.36	23.38	23.28		
15	QPSK	36	0	22.37	22.48	22.46		
15	QPSK	36	20	22.30	22.40	22.38	23.1	1
15	QPSK	36	39	22.23	22.36	22.28		
15	QPSK	75	0	22.34	22.42	22.34		
15	16QAM	1	0	22.59	22.62	22.55		
15	16QAM	1	37	22.61	22.66	22.58	23.1	1
15	16QAM	1	74	22.51	22.52	22.51		
15	16QAM	36	0	21.38	21.43	21.31		
15	16QAM	36	20	21.36	21.43	21.31	22.1	2
15	16QAM	36	39	21.34	21.36	21.25		
15	16QAM	75	0	21.19	21.34	21.28		
15	64QAM	1	0	21.33	21.43	21.32		
15	64QAM	1	37	21.46	21.50	21.45	22.1	2
15	64QAM	1	74	21.37	21.48	21.36		
15	64QAM	36	0	20.25	20.40	20.34		
15	64QAM	36	20	20.34	20.42	20.27	21.1	3
15	64QAM	36	39	20.30	20.33	20.18		
15	64QAM	75	0	20.21	20.35	20.25		
15	256QAM	1	0	18.13	18.13	18.10		
15	256QAM	1	37	18.25	18.21	18.29	19.1	5
15	256QAM	1	74	18.22	18.18	18.27		
15	256QAM	36	0	18.22	18.26	18.29		
15	256QAM	36	20	18.29	18.33	18.29	19.1	5
15	256QAM	36	39	18.28	18.24	18.19		
15	256QAM	75	0	18.36	18.23	18.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.34	23.45	23.38		
10	QPSK	1	25	23.23	23.43	23.35	24.1	0
10	QPSK	1	49	23.28	23.34	23.14		
10	QPSK	25	0	22.35	22.33	22.41		
10	QPSK	25	12	22.16	22.32	22.33	23.1	1
10	QPSK	25	25	22.17	22.24	22.27		
10	QPSK	50	0	22.32	22.34	22.21		
10	16QAM	1	0	22.58	22.50	22.48		
10	16QAM	1	25	22.54	22.63	22.45	23.1	1
10	16QAM	1	49	22.44	22.49	22.44		
10	16QAM	25	0	21.34	21.36	21.25		
10	16QAM	25	12	21.27	21.39	21.26	22.1	2
10	16QAM	25	25	21.33	21.22	21.23		
10	16QAM	50	0	21.16	21.31	21.23		
10	64QAM	1	0	21.25	21.34	21.20		
10	64QAM	1	25	21.39	21.45	21.41	22.1	2
10	64QAM	1	49	21.33	21.33	21.31		
10	64QAM	25	0	20.10	20.37	20.28		
10	64QAM	25	12	20.32	20.32	20.20	21.1	3
10	64QAM	25	25	20.19	20.29	20.09		
10	64QAM	50	0	20.18	20.29	20.17		
10	256QAM	1	0	18.11	18.02	18.04		
10	256QAM	1	25	18.11	18.12	18.25	19.1	5
10	256QAM	1	49	18.13	18.09	18.23		
10	256QAM	25	0	18.09	18.13	18.14		
10	256QAM	25	12	18.15	18.24	18.19	19.1	5
10	256QAM	25	25	18.26	18.13	18.15		
10	256QAM	50	0	18.29	18.15	18.17		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.45	23.46	23.42		
5	QPSK	1	12	23.35	23.42	23.36	24.1	0
5	QPSK	1	24	23.30	23.26	23.14		
5	QPSK	12	0	22.25	22.36	22.31		
5	QPSK	12	7	22.22	22.27	22.28	23.1	1
5	QPSK	12	13	22.10	22.29	22.26		
5	QPSK	25	0	22.33	22.38	22.19		
5	16QAM	1	0	22.48	22.61	22.45		
5	16QAM	1	12	22.52	22.58	22.56	23.1	1
5	16QAM	1	24	22.39	22.49	22.39		
5	16QAM	12	0	21.27	21.35	21.29		
5	16QAM	12	7	21.33	21.42	21.28	22.1	2
5	16QAM	12	13	21.24	21.29	21.24		
5	16QAM	25	0	21.18	21.32	21.24		
5	64QAM	1	0	21.32	21.39	21.22		
5	64QAM	1	12	21.36	21.44	21.42	22.1	2
5	64QAM	1	24	21.26	21.46	21.21		
5	64QAM	12	0	20.17	20.33	20.29		
5	64QAM	12	7	20.23	20.41	20.12	21.1	3
5	64QAM	12	13	20.15	20.30	20.07		
5	64QAM	25	0	20.07	20.32	20.10		
5	256QAM	1	0	18.10	18.00	17.99		
5	256QAM	1	12	18.19	18.17	18.23	19.1	5
5	256QAM	1	24	18.18	18.06	18.18		
5	256QAM	12	0	18.18	18.21	18.27		
5	256QAM	12	7	18.19	18.27	18.20	19.1	5
5	256QAM	12	13	18.23	18.12	18.17		
5	256QAM	25	0	18.35	18.13	18.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.43	23.49	23.41		
3	QPSK	1	8	23.22	23.40	23.37	24.1	0
3	QPSK	1	14	23.29	23.37	23.24		
3	QPSK	8	0	22.29	22.45	22.35		
3	QPSK	8	4	22.21	22.32	22.37	23.1	1
3	QPSK	8	7	22.08	22.26	22.15		
3	QPSK	15	0	22.33	22.30	22.23		
3	16QAM	1	0	22.56	22.51	22.54		
3	16QAM	1	8	22.47	22.55	22.57	23.1	1
3	16QAM	1	14	22.38	22.40	22.43		
3	16QAM	8	0	21.26	21.32	21.30		
3	16QAM	8	4	21.27	21.32	21.16	22.1	2
3	16QAM	8	7	21.31	21.28	21.22		
3	16QAM	15	0	21.11	21.20	21.18		
3	64QAM	1	0	21.19	21.39	21.22		
3	64QAM	1	8	21.39	21.45	21.35	22.1	2
3	64QAM	1	14	21.31	21.40	21.22		
3	64QAM	8	0	20.15	20.26	20.20		
3	64QAM	8	4	20.31	20.30	20.13	21.1	3
3	64QAM	8	7	20.23	20.30	20.06		
3	64QAM	15	0	20.09	20.26	20.13		
3	256QAM	1	0	17.99	18.12	17.96		
3	256QAM	1	8	18.11	18.11	18.20	19.1	5
3	256QAM	1	14	18.18	18.08	18.16		
3	256QAM	8	0	18.17	18.19	18.15		
3	256QAM	8	4	18.20	18.29	18.25	19.1	5
3	256QAM	8	7	18.14	18.09	18.12		
3	256QAM	15	0	18.23	18.16	18.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.35	23.39	23.48		
1.4	QPSK	1	3	23.33	23.37	23.36		
1.4	QPSK	1	5	23.28	23.28	23.24	24.1	0
1.4	QPSK	3	0	23.25	23.25	23.37		
1.4	QPSK	3	1	23.21	23.28	23.27		
1.4	QPSK	3	3	23.15	23.17	23.14		
1.4	QPSK	6	0	22.28	22.31	22.22	23.1	1
1.4	16QAM	1	0	22.52	22.51	22.47		
1.4	16QAM	1	3	22.51	22.57	22.45		
1.4	16QAM	1	5	22.48	22.37	22.48	23.1	1
1.4	16QAM	3	0	22.49	22.48	22.37		
1.4	16QAM	3	1	22.49	22.49	22.34		
1.4	16QAM	3	3	22.42	22.28	22.41		
1.4	16QAM	6	0	21.07	21.23	21.27	22.1	2
1.4	64QAM	1	0	21.27	21.31	21.28		
1.4	64QAM	1	3	21.37	21.35	21.37		
1.4	64QAM	1	5	21.29	21.35	21.30	22.1	2
1.4	64QAM	3	0	21.18	21.24	21.14		
1.4	64QAM	3	1	21.34	21.23	21.26		
1.4	64QAM	3	3	21.25	21.25	21.17		
1.4	64QAM	6	0	20.13	20.26	20.15	21.1	3
1.4	256QAM	1	0	18.00	18.03	18.00		
1.4	256QAM	1	3	18.19	18.13	18.19		
1.4	256QAM	1	5	18.14	18.14	18.14	19.1	5
1.4	256QAM	3	0	18.18	18.23	18.17		
1.4	256QAM	3	1	18.25	18.28	18.19		
1.4	256QAM	3	3	18.25	18.23	18.08		
1.4	256QAM	6	0	18.25	18.13	18.16	19.1	5

Band 30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.59			
10	QPSK	1	25		20.51		21.3	0
10	QPSK	1	49		20.56			
10	QPSK	25	0		20.58			
10	QPSK	25	12		20.56		21.3	0
10	QPSK	25	25		20.55			
10	QPSK	50	0		20.57			
10	16QAM	1	0		20.45			
10	16QAM	1	25		20.55		21.3	0
10	16QAM	1	49		20.48			
10	16QAM	25	0		20.57			
10	16QAM	25	12		20.45		21.3	0
10	16QAM	25	25		20.46			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.54			
10	64QAM	1	25		20.58		21.3	0
10	64QAM	1	49		20.54			
10	64QAM	25	0		20.45			
10	64QAM	25	12		20.40		21.3	0
10	64QAM	25	25		20.35			
10	64QAM	50	0		20.43			
10	256QAM	1	0		18.27			
10	256QAM	1	25		18.11		19.3	2
10	256QAM	1	49		18.08			
10	256QAM	25	0		18.16			
10	256QAM	25	12		18.25		19.3	2
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.19			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.57	20.47	20.58		
5	QPSK	1	12	20.40	20.40	20.50	21.3	0
5	QPSK	1	24	20.46	20.55	20.46		
5	QPSK	12	0	20.54	20.49	20.43		
5	QPSK	12	7	20.43	20.50	20.43	21.3	0
5	QPSK	12	13	20.42	20.47	20.46		
5	QPSK	25	0	20.52	20.52	20.47		
5	16QAM	1	0	20.30	20.44	20.43		
5	16QAM	1	12	20.49	20.52	20.48	21.3	0
5	16QAM	1	24	20.46	20.34	20.34		
5	16QAM	12	0	20.47	20.55	20.52		
5	16QAM	12	7	20.30	20.30	20.41	21.3	0
5	16QAM	12	13	20.37	20.36	20.37		
5	16QAM	25	0	20.46	20.40	20.42		
5	64QAM	1	0	20.44	20.44	20.48		
5	64QAM	1	12	20.51	20.45	20.47	21.3	0
5	64QAM	1	24	20.44	20.39	20.43		
5	64QAM	12	0	20.40	20.41	20.31		
5	64QAM	12	7	20.25	20.34	20.32	21.3	0
5	64QAM	12	13	20.20	20.27	20.26		
5	64QAM	25	0	20.40	20.30	20.30		
5	256QAM	1	0	18.20	18.24	18.20		
5	256QAM	1	12	18.05	18.00	17.99	19.3	2
5	256QAM	1	24	18.07	17.99	18.01		
5	256QAM	12	0	18.14	18.01	18.13		
5	256QAM	12	7	18.18	18.24	18.14	19.3	2
5	256QAM	12	13	18.13	18.09	18.09		
5	256QAM	25	0	18.08	18.09	18.18		

Band 30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.88			
10	QPSK	1	25		19.77		20.6	0
10	QPSK	1	49		19.77			
10	QPSK	25	0		19.83			
10	QPSK	25	12		19.80		20.6	0
10	QPSK	25	25		19.73			
10	QPSK	50	0		19.80			
10	16QAM	1	0		19.75			
10	16QAM	1	25		19.75		20.6	0
10	16QAM	1	49		19.76			
10	16QAM	25	0		19.83			
10	16QAM	25	12		19.75		20.6	0
10	16QAM	25	25		19.68			
10	16QAM	50	0		19.71			
10	64QAM	1	0		19.79			
10	64QAM	1	25		19.83		20.6	0
10	64QAM	1	49		19.76			
10	64QAM	25	0		18.67			
10	64QAM	25	12		18.75		19.6	1
10	64QAM	25	25		18.78			
10	64QAM	50	0

Band 66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.76	19.79	19.77		
20	QPSK	1	49	19.66	19.71	19.69	20.5	0
20	QPSK	1	99	19.70	19.71	19.62		
20	QPSK	50	0	19.69	19.75	19.70		
20	QPSK	50	24	19.68	19.72	19.64	20.5	0
20	QPSK	50	50	19.65	19.66	19.63		
20	QPSK	100	0	19.66	19.77	19.75		
20	16QAM	1	0	19.62	19.70	19.69		
20	16QAM	1	49	19.67	19.76	19.64	20.5	0
20	16QAM	1	99	19.73	19.67	19.63		
20	16QAM	50	0	19.63	19.77	19.67		
20	16QAM	50	24	19.62	19.68	19.66	20.5	0
20	16QAM	50	50	19.74	19.67	19.64		
20	16QAM	100	0	19.66	19.67	19.65		
20	64QAM	1	0	19.64	19.64	19.66		
20	64QAM	1	49	19.74	19.76	19.73	20.5	0
20	64QAM	1	99	19.66	19.65	19.64		
20	64QAM	50	0	19.66	19.70	19.64		
20	64QAM	50	24	19.63	19.69	19.62	20.5	0
20	64QAM	50	50	19.66	19.67	19.72		
20	64QAM	100	0	19.68	19.75	19.63		
20	256QAM	1	0	19.12	19.22	19.20		
20	256QAM	1	49	19.07	19.12	19.10	20	0.5
20	256QAM	1	99	19.18	19.20	19.18		
20	256QAM	50	0	19.18	19.21	19.12		
20	256QAM	50	24	19.04	19.09	18.98	20	0.5
20	256QAM	50	50	18.99	19.14	19.07		
20	256QAM	100	0	19.06	19.14	19.04		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.68	19.68	19.68		
15	QPSK	1	37	19.60	19.59	19.67	20.5	0
15	QPSK	1	74	19.64	19.64	19.60		
15	QPSK	36	0	19.64	19.70	19.63		
15	QPSK	36	20	19.55	19.59	19.56	20.5	0
15	QPSK	36	39	19.62	19.53	19.57		
15	QPSK	75	0	19.55	19.67	19.61		
15	16QAM	1	0	19.58	19.63	19.62		
15	16QAM	1	37	19.54	19.74	19.52	20.5	0
15	16QAM	1	74	19.70	19.57	19.53		
15	16QAM	36	0	19.48	19.76	19.65		
15	16QAM	36	20	19.55	19.55	19.65	20.5	0
15	16QAM	36	39	19.59	19.61	19.56		
15	16QAM	75	0	19.62	19.55	19.55		
15	64QAM	1	0	19.61	19.63	19.51		
15	64QAM	1	37	19.59	19.72	19.60	20.5	0
15	64QAM	1	74	19.57	19.52	19.49		
15	64QAM	36	0	19.56	19.68	19.50		
15	64QAM	36	20	19.56	19.55	19.47	20.5	0
15	64QAM	36	39	19.53	19.58	19.67		
15	64QAM	75	0	19.66	19.67	19.49		
15	256QAM	1	0	18.97	19.16	19.08		
15	256QAM	1	37	19.04	19.03	19.03	20	0.5
15	256QAM	1	74	19.13	19.10	19.06		
15	256QAM	36	0	19.13	19.15	19.08		
15	256QAM	36	20	18.81	18.99	18.84	20	0.5
15	256QAM	36	39	18.98	19.05	18.97		
15	256QAM	75	0	18.99	19.10	18.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.69	19.77	19.72		
10	QPSK	1	25	19.53	19.63	19.58	20.5	0
10	QPSK	1	49	19.62	19.70	19.53		
10	QPSK	25	0	19.56	19.60	19.60		
10	QPSK	25	12	19.55	19.65	19.58	20.5	0
10	QPSK	25	25	19.62	19.55	19.48		
10	QPSK	50	0	19.64	19.65	19.65		
10	16QAM	1	0	19.60	19.68	19.60		
10	16QAM	1	25	19.59	19.73	19.52	20.5	0
10	16QAM	1	49	19.67	19.65	19.61		
10	16QAM	25	0	19.61	19.62	19.58		
10	16QAM	25	12	19.51	19.62	19.58	20.5	0
10	16QAM	25	25	19.71	19.64	19.56		
10	16QAM	50	0	19.51	19.59	19.60		
10	64QAM	1	0	19.53	19.54	19.63		
10	64QAM	1	25	19.61	19.64	19.60	20.5	0
10	64QAM	1	49	19.54	19.54	19.63		
10	64QAM	25	0	19.59	19.57	19.54		
10	64QAM	25	12	19.52	19.62	19.56	20.5	0
10	64QAM	25	25	19.61	19.59	19.51		
10	64QAM	50	0	19.60	19.71	19.57		
10	256QAM	1	0	19.02	19.07	19.11		
10	256QAM	1	25	19.00	19.04	18.96	20	0.5
10	256QAM	1	49	19.07	19.15	19.09		
10	256QAM	25	0	19.11	19.20	19.06		
10	256QAM	25	12	18.86	18.99	18.86	20	0.5
10	256QAM	25	25	18.89	19.03	18.96		
10	256QAM	50	0	18.98	19.03	18.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.71	19.76	19.65		
5	QPSK	1	12	19.62	19.58	19.57	20.5	0
5	QPSK	1	24	19.64	19.58	19.56		
5	QPSK	12	0	19.60	19.61	19.58		
5	QPSK	12	7	19.60	19.58	19.55	20.5	0
5	QPSK	12	13	19.65	19.65	19.56		
5	QPSK	25	0	19.61	19.76	19.72		
5	16QAM	1	0	19.58	19.63	19.65		
5	16QAM	1	12	19.55	19.71	19.51	20.5	0
5	16QAM	1	24	19.68	19.64	19.50		
5	16QAM	12	0	19.57	19.69	19.55		
5	16QAM	12	7	19.47	19.60	19.51	20.5	0
5	16QAM	12	13	19.69	19.66	19.57		
5	16QAM	25	0	19.62	19.62	19.53		
5	64QAM	1	0	19.56	19.51	19.58		
5	64QAM	1	12	19.65	19.73	19.61	20.5	0
5	64QAM	1	24	19.71	19.50	19.61		
5	64QAM	12	0	19.54	19.61	19.60		
5	64QAM	12	7	19.58	19.58	19.57	20.5	0
5	64QAM	12	13	19.65	19.60	19.66		
5	64QAM	25	0	19.61	19.71	19.55		
5	256QAM	1	0	19.11	19.16	19.10		
5	256QAM	1	12	19.02	18.98	19.02	20	0.5
5	256QAM	1	24	19.04	19.18	19.09		
5	256QAM	12	0	19.07	19.11	18.99		
5	256QAM	12	7	18.79	19.03	18.89	20	0.5
5	256QAM	12	13	18.96	19.04	19.05		
5	256QAM	25	0	19.05	19.06	18.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.69	19.69	19.70		
3	QPSK	1	8	19.62	19.68	19.63	20.5	0
3	QPSK	1	14	19.67	19.65	19.58		
3	QPSK	8	0	19.60	19.69	19.55		
3	QPSK	8	4	19.54	19.61	19.60	20.5	0
3	QPSK	8	7	19.64	19.62	19.52		
3	QPSK	15	0	19.66	19.72	19.70		
3	16QAM	1	0	19.59	19.63	19.58		
3	16QAM	1	8	19.54	19.69	19.49	20.5	0
3	16QAM	1	14	19.60	19.52	19.54		
3	16QAM	8	0	19.68	19.75	19.61		
3	16QAM	8	4	19.55	19.58	19.58	20.5	0
3	16QAM	8	7	19.59	19.58	19.55		
3	16QAM	15	0	19.61	19.63	19.55		
3	64QAM	1	0	19.58	19.58	19.58		
3	64QAM	1	8	19.66	19.61	19.65	20.5	0
3	64QAM	1	14	19.59	19.54	19.58		
3	64QAM	8	0	19.58	19.58	19.51		
3	64QAM	8	4	19.60	19.56	19.59	20.5	0
3	64QAM	8	7	19.64	19.52	19.59		
3	64QAM	15	0	19.63	19.65	19.51		
3	256QAM	1	0	19.01	19.11	19.15		
3	256QAM	1	8	18.93	18.98	19.04	20	0.5
3	256QAM	1	14	19.07	19.05	19.15		
3	256QAM	8	0	19.10	19.11	19.07		
3	256QAM	8	4	18.89	18.94	18.89	20	0.5
3	256QAM	8	7	18.84	19.08	18.97		
3	256QAM	15	0	18.93	19.00	18.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.72	19.77	19.70		
1.4	QPSK	1	3	19.59	19.56	19.67		
1.4	QPSK	1	5	19.57	19.62	19.53	20.5	0
1.4	QPSK	3	0	19.54	19.67	19.65		
1.4	QPSK	3	1	19.60	19.64	19.57		
1.4	QPSK	3	3	19.61	19.61	19.51		
1.4	QPSK	6	0	19.57	19.75	19.65	20.5	0
1.4	16QAM	1	0	19.67	19.57	19.57		
1.4	16QAM	1	3	19.66	19.63	19.62		
1.4	16QAM	1	5	19.64	19.53	19.62	20.5	0
1.4	16QAM	3	0	19.57	19.72	19.52		
1.4	16QAM	3	1	19.57	19.56	19.57		
1.4	16QAM	3	3	19.63	19.55	19.51		
1.4	16QAM	6	0	19.57	19.62	19.60	20.5	0
1.4	64QAM	1	0	19.58	19.54	19.59		
1.4	64QAM	1	3	19.65	19.62	19.67		
1.4	64QAM	1	5	19.62	19.62	19.56	20.5	0
1.4	64QAM	3	0	19.58	19.58	19.59		
1.4	64QAM	3	1	19.48	19.61	19.59		
1.4	64QAM	3	3	19.63	19.52	19.69		
1.4	64QAM	6	0	19.66	19.73	19.59	20.5	0
1.4	256QAM	1	0	19.03	19.19	19.08		
1.4	256QAM	1	3	19.06	18.98	19.04		
1.4	256QAM	1	5	19.07	19.12	19.17	20	0.5
1.4	256QAM	3	0	19.08	19.16	19.10		
1.4	256QAM	3	1	18.81	19.05	18.94		
1.4	256QAM	3	3	18.87	19.02	18.97		
1.4	256QAM	6	0	18.99	19.12	18.99	20	0.5

Band 66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.74	18.76	18.74		
20	QPSK	1	49	18.71	18.63	18.63	19.5	0
20	QPSK	1	99	18.70	18.62	18.68		
20	QPSK	50	0	18.73	18.74	18.69		
20	QPSK	50	24	18.69	18.65	18.67	19.5	0
20	QPSK	50	50	18.62	18.71	18.69		
20	QPSK	100	0	18.60	18.61	18.63		
20	16QAM	1	0	18.67	18.68	18.72		
20	16QAM	1	49	18.71	18.72	18.62	19.5	0
20	16QAM	1	99	18.71	18.61	18.64		
20	16QAM	50	0	18.71	18.67	18.68		
20	16QAM	50	24	18.69	18.70	18.67	19.5	0
20	16QAM	50	50	18.66	18.70	18.72		
20	16QAM	100	0	18.68	18.73	18.63		
20	64QAM	1	0	18.66	18.68	18.59		
20	64QAM	1	49	18.61	18.65	18.60	19.5	0
20	64QAM	1	99	18.73	18.65	18.72		
20	64QAM	50	0	18.63	18.67	18.63		
20	64QAM	50	24	18.65	18.73	18.63	19.5	0
20	64QAM	50	50	18.63	18.69	18.60		
20	64QAM	100	0	18.72	18.74	18.71		
20	256QAM	1	0	17.60	17.60	17.54		
20	256QAM	1	49	17.41	17.54	17.53	18.5	1
20	256QAM	1	99	17.46	17.69	17.56		
20	256QAM	50	0	17.37	17.51	17.50		
20	256QAM	50	24	17.43	17.52	17.40	18.5	1
20	256QAM	50	50	17.48	17.46	17.47		
20	256QAM	100	0	17.53	17.62	17.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.71	18.72	18.63		
15	QPSK	1	37	18.63	18.60	18.57	19.5	0
15	QPSK	1	74	18.61	18.56	18.59		
15	QPSK	36	0	18.70	18.59	18.60		
15	QPSK	36	20	18.66	18.52	18.57	19.5	0
15	QPSK	36	39	18.59	18.59	18.67		
15	QPSK	75	0	18.48	18.66	18.62		
15	16QAM	1	0	18.52	18.56	18.64		
15	16QAM	1	37	18.56	18.61	18.52	19.5	0
15	16QAM	1	74	18.63	18.48	18.58		
15	16QAM	36	0	18.60	18.65	18.64		
15	16QAM	36	20	18.62	18.57	18.65	19.5	0
15	16QAM	36	39	18.59	18.66	18.68		
15	16QAM	75	0	18.59	18.59	18.50		
15	64QAM	1	0	18.64	18.56	18.58		
15	64QAM	1	37	18.53	18.56	18.52	19.5	0
15	64QAM	1	74	18.63	18.60	18.58		
15	64QAM	36	0	18.51	18.58	18.61		
15	64QAM	36	20	18.56	18.59	18.53	19.5	0
15	64QAM	36	39	18.58	18.61	18.54		
15	64QAM	75	0	18.70	18.73	18.59		
15	256QAM	1	0	17.50	17.57	17.51		
15	256QAM	1	37	17.32	17.53	17.50	18.5	1
15	256QAM	1	74	17.32	17.67	17.55		
15	256QAM	36	0	17.27	17.37	17.43		
15	256QAM	36	20	17.30	17.37	17.25	18.5	1
15	256QAM	36	39	17.36	17.37	17.44		
15	256QAM	75	0	17.39	17.48	17.58		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.67	18.65	18.72		
10	QPSK	1	25	18.64	18.54	18.58	19.5	0
10	QPSK	1	49	18.68	18.51	18.66		
10	QPSK	25	0	18.59	18.65	18.57		
10	QPSK	25	12	18.55	18.59	18.61	19.5	0
10	QPSK	25	25	18.50	18.59	18.63		
10	QPSK	50	0	18.47	18.55	18.56		
10	16QAM	1	0	18.55	18.55	18.71		
10	16QAM	1	25	18.58	18.68	18.58	19.5	0
10	16QAM	1	49	18.65	18.46	18.55		
10	16QAM	25	0	18.56	18.65	18.56		
10	16QAM	25	12	18.66	18.65	18.62	19.5	0
10	16QAM	25	25	18.55	18.69	18.71		
10	16QAM	50	0	18.66	18.64	18.57		
10	64QAM	1	0	18.61	18.65	18.56		
10	64QAM	1	25	18.47	18.58	18.45	19.5	0
10	64QAM	1	49	18.61	18.64	18.65		
10	64QAM	25	0	18.49	18.57	18.62		
10	64QAM	25	12	18.63	18.60	18.49	19.5	0
10	64QAM	25	25	18.48	18.58	18.52		
10	64QAM	50	0	18.69	18.73	18.70		
10	256QAM	1	0	17.59	17.55	17.50		
10	256QAM	1	25	17.26	17.53	17.52	18.5	1
10	256QAM	1	49	17.42	17.57	17.41		
10	256QAM	25	0	17.26	17.38	17.43		
10	256QAM	25	12	17.33	17.46	17.28	18.5	1
10	256QAM	25	25	17.44	17.37	17.34		
10	256QAM	50	0	17.45	17.54	17.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.59	18.62	18.64		
5	QPSK	1	12	18.69	18.54	18.50	19.5	0
5	QPSK	1	24	18.64	18.54	18.58		
5	QPSK	12	0	18.67	18.61	18.65		
5	QPSK	12	7	18.60	18.54	18.62	19.5	0
5	QPSK	12	13	18.58	18.58	18.54		
5	QPSK	25	0	18.55	18.62	18.56		
5	16QAM	1	0	18.53	18.60	18.71		
5	16QAM	1	12	18.62	18.59	18.59	19.5	0
5	16QAM	1	24	18.67	18.54	18.55		
5	16QAM	12	0	18.62	18.56	18.59		
5	16QAM	12	7	18.66	18.68	18.60	19.5	0
5	16QAM	12	13	18.63	18.60	18.65		
5	16QAM	25	0	18.58	18.62	18.54		
5	64QAM	1	0	18.62	18.67	18.51		
5	64QAM	1	12	18.54	18.54	18.56	19.5	0
5	64QAM	1	24	18.67	18.52	18.59		
5	64QAM	12	0	18.50	18.64	18.70		
5	64QAM	12	7	18.58	18.69	18.50	19.5	0
5	64QAM	12	13	18.59	18.60	18.47		
5	64QAM	25	0	18.58	18.72	18.59		
5	256QAM	1	0	17.51	17.53	17.45		
5	256QAM	1	12	17.39	17.39	17.43	18.5	1
5	256QAM	1	24	17.31	17.56	17.53		
5	256QAM	12	0	17.28	17.50	17.46		
5	256QAM	12	7	17.29	17.39	17.33	18.5	1
5	256QAM	12	13	17.36	17.35	17.44		
5	256QAM	25	0	17.46	17.56	17.51		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.62	18.73	18.60		
3	QPSK	1	8	18.65	18.57	18.51	19.5	0
3	QPSK	1	14	18.59	18.52	18.52		
3	QPSK	8	0	18.58	18.65	18.65		
3	QPSK	8	4	18.59	18.51	18.58	19.5	0
3	QPSK	8	7	18.49	18.70	18.62		
3	QPSK	15	0	18.54	18.67	18.59		
3	16QAM	1	0	18.63	18.65	18.65		
3	16QAM	1	8	18.69	18.66	18.56	19.5	0
3	16QAM	1	14	18.67	18.52	18.54		
3	16QAM	8	0	18.61	18.59	18.59		
3	16QAM	8	4	18.60	18.69	18.52	19.5	0
3	16QAM	8	7	18.55	18.67	18.69		
3	16QAM	15	0	18.55	18.68	18.52		
3	64QAM	1	0	18.62	18.62	18.54		
3	64QAM	1	8	18.48	18.64	18.59	19.5	0
3	64QAM	1	14	18.69	18.57	18.64		
3	64QAM	8	0	18.59	18.62	18.65		
3	64QAM	8	4	18.64	18.59	18.59	19.5	0
3	64QAM	8	7	18.61	18.62	18.53		
3	64QAM	15	0	18.65	18.69	18.68		
3	256QAM	1	0	17.57	17.49	17.53		
3	256QAM	1	8	17.36	17.48	17.46	18.5	1
3	256QAM	1	14	17.43	17.59	17.45		
3	256QAM	8	0	17.27	17.49	17.48		
3	256QAM	8	4	17.30	17.47	17.38	18.5	1
3	256QAM	8	7	17.38	17.40	17.33		
3	256QAM	15	0	17.45	17.50	17.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.67	18.69	18.72		
1.4	QPSK	1	3	18.63	18.53	18.53		
1.4	QPSK	1	5	18.66	18.59	18.64	19.5	0
1.4	QPSK	3	0	18.70	18.62	18.56		
1.4	QPSK	3	1	18.54	18.52	18.65		
1.4	QPSK	3	3	18.49	18.59	18.66		
1.4	QPSK	6	0	18.52	18.63	18.53	19.5	0
1.4	16QAM	1	0	18.63	18.59	18.57		
1.4	16QAM	1	3	18.69	18.60	18.52		
1.4	16QAM	1	5	18.57	18.60	18.63	19.5	0
1.4	16QAM	3	0	18.66	18.63	18.56		
1.4	16QAM	3	1	18.66	18.58	18.56		
1.4	16QAM	3	3	18.61	18.63	18.71		
1.4	16QAM	6	0	18.66	18.65	18.54	19.5	0
1.4	64QAM	1	0	18.53	18.56	18.56		
1.4	64QAM	1	3	18.52	18.59	18.58		
1.4	64QAM	1	5	18.69	18.51	18.68	19.5	0
1.4	64QAM	3	0	18.48	18.58	18.66		
1.4	64QAM	3	1	18.59	18.59	18.57		
1.4	64QAM	3	3	18.62	18.59	18.57		
1.4	64QAM	6	0	18.64	18.71	18.64	19.5	0
1.4	256QAM	1	0	17.51	17.45	17.40		
1.4	256QAM	1	3	17.32	17.52	17.41		
1.4	256QAM	1	5	17.40	17.66	17.51	18.5	1
1.4	256QAM	3	0	17.28	17.41	17.45		
1.4	256QAM	3	1	17.30	17.38	17.36		
1.4	256QAM	3	3	17.45	17.34	17.32		
1.4	256QAM	6	0	17.40	17.47	17.63	18.5	1

Band 66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.64	20.74	20.67		
20	QPSK	1	49	20.57	20.73	20.56	21.5	0
20	QPSK	1	99	20.54	20.73	20.59		
20	QPSK	50	0	20.62	20.70	20.60		
20	QPSK	50	24	20.49	20.64	20.52	21.5	0
20	QPSK	50	50	20.59	20.66	20.57		
20	QPSK	100	0	20.55	20.67	20.61		
20	16QAM	1	0	20.53	20.61	20.62		
20	16QAM	1	49	20.56	20.60	20.58	21.5

Band 71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.16	24.18	24.06		
20	QPSK	1	49	24.00	24.05	24.02	24.3	0
20	QPSK	1	99	23.93	24.01	23.99		
20	QPSK	50	0	22.85	22.87	22.82		
20	QPSK	50	24	22.69	22.81	22.72		
20	QPSK	50	50	22.63	22.76	22.62	23.3	1
20	QPSK	100	0	22.63	22.77	22.70		
20	16QAM	1	0	22.81	22.96	22.81		
20	16QAM	1	49	23.01	23.09	23.02	23.3	1
20	16QAM	1	99	22.54	22.63	22.51		
20	16QAM	50	0	21.74	21.82	21.69		
20	16QAM	50	24	21.74	21.87	21.72	22.3	2
20	16QAM	50	50	21.81	21.91	21.78		
20	16QAM	100	0	21.68	21.77	21.74		
20	64QAM	1	0	21.97	22.10	22.05		
20	64QAM	1	49	21.76	21.90	21.76	22.3	2
20	64QAM	1	99	22.12	22.15	22.14		
20	64QAM	50	0	20.70	20.72	20.71		
20	64QAM	50	24	20.74	20.88	20.84		
20	64QAM	50	50	20.73	20.81	20.68	21.3	3
20	64QAM	100	0	20.64	20.72	20.64		
20	256QAM	1	0	18.74	18.84	18.78		
20	256QAM	1	49	18.70	18.72	18.60	19.3	5
20	256QAM	1	99	18.65	18.74	18.66		
20	256QAM	50	0	18.65	18.74	18.65		
20	256QAM	50	24	18.65	18.76	18.66	19.3	5
20	256QAM	50	50	18.66	18.77	18.72		
20	256QAM	100	0	18.67	18.78	18.70		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.08	24.08	23.96		
15	QPSK	1	37	23.94	23.92	23.98	24.3	0
15	QPSK	1	74	23.92	23.96	23.90		
15	QPSK	36	0	22.74	22.85	22.79		
15	QPSK	36	20	22.55	22.79	22.68		
15	QPSK	36	39	22.58	22.61	22.48	23.3	1
15	QPSK	75	0	22.48	22.73	22.62		
15	16QAM	1	0	22.69	22.92	22.78		
15	16QAM	1	37	22.90	23.08	22.92	23.3	1
15	16QAM	1	74	22.45	22.50	22.40		
15	16QAM	36	0	21.63	21.81	21.61		
15	16QAM	36	20	21.60	21.80	21.62	22.3	2
15	16QAM	36	39	21.76	21.88	21.71		
15	16QAM	75	0	21.62	21.74	21.62		
15	64QAM	1	0	21.94	22.04	22.03		
15	64QAM	1	37	21.64	21.76	21.75	22.3	2
15	64QAM	1	74	22.11	22.06	21.99		
15	64QAM	36	0	20.67	20.61	20.56		
15	64QAM	36	20	20.71	20.76	20.63	21.3	3
15	64QAM	36	39	20.64	20.79	20.63		
15	64QAM	75	0	20.60	20.66	20.62		
15	256QAM	1	0	18.66	18.71	18.76		
15	256QAM	1	37	18.55	18.68	18.48	19.3	5
15	256QAM	1	74	18.60	18.69	18.58		
15	256QAM	36	0	18.58	18.64	18.60		
15	256QAM	36	20	18.60	18.72	18.59	19.3	5
15	256QAM	36	39	18.64	18.64	18.69		
15	256QAM	75	0	18.61	18.69	18.68		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	24.11	24.14	23.98		
10	QPSK	1	25	23.92	24.00	23.94	24.3	0
10	QPSK	1	49	23.79	23.96	23.88		
10	QPSK	25	0	22.82	22.83	22.70		
10	QPSK	25	12	22.60	22.71	22.60	23.3	1
10	QPSK	25	25	22.54	22.74	22.58		
10	QPSK	50	0	22.55	22.75	22.55		
10	16QAM	1	0	22.73	22.90	22.78		
10	16QAM	1	25	22.91	22.95	22.88	23.3	1
10	16QAM	1	49	22.44	22.54	22.44		
10	16QAM	25	0	21.66	21.73	21.63		
10	16QAM	25	12	21.61	21.76	21.66	22.3	2
10	16QAM	25	25	21.72	21.88	21.77		
10	16QAM	50	0	21.61	21.75	21.73		
10	64QAM	1	0	21.84	21.95	21.98		
10	64QAM	1	25	21.69	21.84	21.67	22.3	2
10	64QAM	1	49	22.06	22.00	21.99		
10	64QAM	25	0	20.56	20.59	20.60		
10	64QAM	25	12	20.62	20.83	20.76	21.3	3
10	64QAM	25	25	20.62	20.75	20.67		
10	64QAM	50	0	20.63	20.63	20.63		
10	256QAM	1	0	18.73	18.73	18.63		
10	256QAM	1	25	18.68	18.66	18.46	19.3	5
10	256QAM	1	49	18.56	18.67	18.58		
10	256QAM	25	0	18.57	18.66	18.57		
10	256QAM	25	12	18.64	18.68	18.52	19.3	5
10	256QAM	25	25	18.54	18.70	18.70		
10	256QAM	50	0	18.52	18.69	18.62		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.15	24.07	23.97		
5	QPSK	1	12	23.97	23.94	23.98	24.3	0
5	QPSK	1	24	23.89	23.97	23.86		
5	QPSK	12	0	22.80	22.73	22.71		
5	QPSK	12	7	22.64	22.80	22.70		
5	QPSK	12	13	22.52	22.67	22.53	23.3	1
5	QPSK	25	0	22.52	22.68	22.56		
5	16QAM	1	0	22.71	22.87	22.80		
5	16QAM	1	12	23.00	23.02	23.00	23.3	1
5	16QAM	1	24	22.47	22.62	22.37		
5	16QAM	12	0	21.64	21.71	21.68		
5	16QAM	12	7	21.71	21.78	21.65	22.3	2
5	16QAM	12	13	21.70	21.90	21.64		
5	16QAM	25	0	21.62	21.72	21.65		
5	64QAM	1	0	21.91	22.05	21.91		
5	64QAM	1	12	21.70	21.83	21.65	22.3	2
5	64QAM	1	24	22.11	22.12	22.12		
5	64QAM	12	0	20.55	20.62	20.67		
5	64QAM	12	7	20.68	20.79	20.79	21.3	3
5	64QAM	12	13	20.68	20.77	20.56		
5	64QAM	25	0	20.54	20.71	20.56		
5	256QAM	1	0	18.72	18.75	18.71		
5	256QAM	1	12	18.67	18.59	18.55	19.3	5
5	256QAM	1	24	18.51	18.71	18.62		
5	256QAM	12	0	18.58	18.59	18.50		
5	256QAM	12	7	18.59	18.71	18.62	19.3	5
5	256QAM	12	13	18.61	18.68	18.62		
5	256QAM	25	0	18.65	18.75	18.62		

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.19	23.33	23.28		
20	QPSK	1	49	23.12	23.19	23.09	23.4	0
20	QPSK	1	99	22.83	22.92	22.82		
20	QPSK	50	0	22.22	22.26	22.15		
20	QPSK	50	24	22.12	22.21	22.08		
20	QPSK	50	50	21.92	21.94	21.83	22.4	1
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	0	22.33	22.34	22.22		
20	16QAM	1	49	22.22	22.26	22.19	22.4	1
20	16QAM	1	99	21.99	22.08	22.02		
20	16QAM	50	0	21.01	21.02	20.97		
20	16QAM	50	24	20.81	20.89	20.77	21.4	2
20	16QAM	50	50	20.97	21.00	20.93		
20	16QAM	100	0	20.89	20.98	20.83		
20	64QAM	1	0	21.08	21.22	21.15		
20	64QAM	1	49	20.97	21.03	21.00	21.4	2
20	64QAM	1	99	20.86	20.99	20.89		
20	64QAM	50	0	19.93	19.94	19.86		
20	64QAM	50	24	19.96	20.00	19.91	20.4	3
20	64QAM	50	50	19.89	19.99	19.94		
20	64QAM	100	0	19.97	20.07	20.02		
20	256QAM	1	0	18.28	18.33	18.27		
20	256QAM	1	49	18.07	18.10	18.01	18.4	5
20	256QAM	1	99	18.25	18.32	18.23		
20	256QAM	50	0	18.25	18.30	18.17		
20	256QAM	50	24	18.26	18.24	18.10	18.4	5
20	256QAM	50	50	18.20	18.23	18.15		
20	256QAM	100	0	18.12	18.21	18.18		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.09	23.22	23.21		
15	QPSK	1	37	22.97	23.12	23.08	23.4	0
15	QPSK	1	74	22.74	22.78	22.80		
15	QPSK	36	0	22.14	22.20	22.12		
15	QPSK	36	20	22.04	22.18	22.00	22.4	1
15	QPSK	36	39	21.86	21.92	21.72		
15	QPSK	75	0	22.03	22.06	22.00		
15	16QAM	1	0	22.24	22.33	22.16		
15	16QAM	1	37	22.13	22.14	22.16	22.4	1
15	16QAM	1	74	21.89	21.96	21.88		
15	16QAM	36	0	20.88	20.98	20.93		
15	16QAM	36	20	20.77	20.86	20.63	21.4	2
15	16QAM	36	39	20.89	20.97	20.84		
15	16QAM	75	0	20.81	20.89	20.69		
15	64QAM	1	0	21.06	21.14	21.11		
15	64QAM	1	37	20.83	20.90	20.93	21.4	2
15	64QAM	1	74	20.82	20.95	20.87		
15	64QAM	36	0	19.85	19.91	19.77		
15	64QAM	36	20	19.87	19.94	19.79	20.4	3
15	64QAM	36	39	19.80	19.87	19.92		
15	64QAM	75	0	19.90	19.98	19.94		
15	256QAM	1	0	18.18	18.20	18.23		
15	256QAM	1	37	17.96	18.09	17.90	18.4	5
15	256QAM	1	74	18.21	18.24	18.21		
15	256QAM	36	0	18.10	18.18	18.03		
15	256QAM	36	20	18.13	18.13	17.99	18.4	5
15	256QAM	36	39	18.15	18.12	18.09		
15	256QAM	75	0	18.05	18.11	18.11		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.16	23.28	23.23		
10	QPSK	1	25	23.03	23.12	23.05	23.4	0
10	QPSK	1	49	22.82	22.88	22.72		
10	QPSK	25	0	22.13	22.20	22.01		
10	QPSK	25	12	22.10	22.18	21.99	22.4	1
10	QPSK	25	25	21.91	21.82	21.80		
10	QPSK	50	0	22.01	21.97	21.92		
10	16QAM	1	0	22.31	22.20	22.11		
10	16QAM	1	25	22.17	22.14	22.05	22.4	1
10	16QAM	1	49	21.87	21.98	21.87		
10	16QAM	25	0	21.00	20.92	20.85		
10	16QAM	25	12	20.70	20.87	20.64	21.4	2
10	16QAM	25	25	20.82	20.87	20.79		
10	16QAM	50	0	20.80	20.85	20.76		
10	64QAM	1	0	21.00	21.13	21.09		
10	64QAM	1	25	20.84	21.01	20.87	21.4	2
10	64QAM	1	49	20.72	20.84	20.88		
10	64QAM	25	0	19.87	19.91	19.76		
10	64QAM	25	12	19.85	19.85	19.89	20.4	3
10	64QAM	25	25	19.85	19.97	19.79		
10	64QAM	50	0	19.93	20.05	19.87		
10	256QAM	1	0	18.15	18.32	18.23		
10	256QAM	1	25	17.95	18.01	18.00	18.4	5
10	256QAM	1	49	18.19	18.27	18.08		
10	256QAM	25	0	18.10	18.19	18.11		
10	256QAM	25	12	18.07	18.20	18.00	18.4	5
10	256QAM	25	25	18.19	18.14	18.06		
10	256QAM	50	0	18.03	18.14	18.09		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.15	23.30	23.13		
5	QPSK	1	12	23.01	23.15	23.08	23.4	0
5	QPSK	1	24	22.76	22.83	22.80		
5	QPSK	12	0	22.10	22.15	22.10		
5	QPSK	12	7	22.06	22.18	21.94	22.4	1
5	QPSK	12	13	21.86	21.88	21.71		
5	QPSK	25	0	22.04	21.98	21.99		
5	16QAM	1	0	22.27	22.25	22.15		
5	16QAM	1	12	22.09	22.24	22.07	22.4	1
5	16QAM	1	24	21.89	22.07	21.94		
5	16QAM	12	0	20.94	20.95	20.89		
5	16QAM	12	7	20.80	20.79	20.71	21.4	2
5	16QAM	12	13	20.85	20.94	20.91		
5	16QAM	25	0	20.77	20.86	20.73		
5	64QAM	1	0	21.06	21.21	21.02		
5	64QAM	1	12	20.92	20.91	20.90	21.4	2
5	64QAM	1	24	20.82	20.84	20.82		
5	64QAM	12	0	19.84	19.92	19.83		
5	64QAM	12	7	19.92	19.97	19.90	20.4	3
5	64QAM	12	13	19.83	19.85	19.90		
5	64QAM	25	0	19.87	20.05	20.00		
5	256QAM	1	0	18.17	18.19	18.16		
5	256QAM	1	12	18.04	18.05	17.99	18.4	5
5	256QAM	1	24	18.13	18.31	18.09		
5	256QAM	12	0	18.12	18.27	18.07		
5	256QAM	12	7	18.19	18.15	18.08	18.4	5
5	256QAM	12	13	18.17	18.08	18.04		
5	256QAM	25	0	18.10	18.16	18.08		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.88	19.88	19.80		
20	QPSK	1	49	19.79	19.82	19.71	20.5	0
20	QPSK	1	99	19.71	19.80	19.67		
20	QPSK	50	0	19.81	19.83	19.77		
20	QPSK	50	24	19.77	19.74	19.72	20.5	0
20	QPSK	50	50	19.71	19.76	19.69		
20	QPSK	100	0	19.70	19.74	19.71		
20	16QAM	1	0	19.83	19.82	19.72		
20	16QAM	1	49	19.81	19.77	19.70	20.5	0
20	16QAM	1	99	19.77	19.87	19.66		
20	16QAM	50	0	19.79	19.85	19.75		
20	16QAM	50	24	19.73	19.75	19.67	20.5	0
20	16QAM	50	50	19.75	19.76	19.72		
20	16QAM	100	0	19.76	19.87	19.71		
20	64QAM	1	0	19.82	19.83	19.76		
20	64QAM	1	49	19.79	19.86	19.72	20.5	0
20	64QAM	1	99	19.76	19.78	19.67		
20	64QAM	50	0	19.84	19.87	19.77		
20	64QAM	50	24	19.82	19.83	19.65	20.5	0
20	64QAM	50	50	19.71	19.83	19.77		
20	64QAM	100	0	19.72	19.87	19.70		
20	256QAM	1	0	19.30	19.33	19.22		
20	256QAM	1	49	19.49	19.50	19.49	20	0.5
20	256QAM	1	99	19.27	19.28	19.21		
20	256QAM	50	0	19.30	19.41	19.26		
20	256QAM	50	24	19.33	19.41	19.30	20	0.5
20	256QAM	50	50	19.31	19.35	19.28		
20	256QAM	100	0	19.28	19.30	19.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.86	19.73		
15	QPSK	1	37	19.64	19.78	19.56	20.5	0
15	QPSK	1	74	19.68	19.69	19.52		
15	QPSK	36	0	19.79	19.81	19.70		
15	QPSK	36	20	19.75	19.61	19.65	20.5	0
15	QPSK	36	39	19.68	19.64	19.66		
15	QPSK	75	0	19.69	19.59	19.70		
15	16QAM	1	0	19.70	19.67	19.63		
15	16QAM	1	37	19.67	19.65	19.65	20.5	0
15	16QAM	1	74	19.63	19.86	19.54		
15	16QAM	36	0	19.76	19.79	19.65		
15	16QAM	36	20	19.65	19.61	19.53	20.5	0
15	16QAM	36	39	19.65	19.65	19.59		
15	16QAM	75	0	19.68	19.79	19.66		
15	64QAM	1	0	19.79	19.76	19.62		
15	64QAM	1	37	19.78	19.73	19.66	20.5	0
15	64QAM	1	74	19.73	19.74	19.61		
15	64QAM	36	0	19.71	19.85	19.73		
15	64QAM	36	20	19.77	19.78	19.59	20.5	0
15	64QAM	36	39	19.67	19.76	19.66		
15	64QAM	75	0	19.58	19.76	19.69		
15	256QAM	1	0	19.23	19.26	19.09		
15	256QAM	1	37	19.45	19.45	19.39	20	0.5
15	256QAM	1	74	19.21	19.18	19.15		
15	256QAM	36	0	19.18	19.39	19.25		
15	256QAM	36	20	19.25	19.35	19.15	20	0.5
15	256QAM	36	39	19.22	19.29	19.13		
15	256QAM	75	0	19.20	19.19	19.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.80	19.87	19.71		
10	QPSK	1	25	19.70	19.72	19.68	20.5	0
10	QPSK	1	49	19.63	19.68	19.53		
10	QPSK	25	0	19.74	19.68	19.66		
10	QPSK	25	12	19.68	19.73	19.70	20.5	0
10	QPSK	25	25	19.69	19.66	19.64		
10	QPSK	50	0	19.61	19.67	19.59		
10	16QAM	1	0	19.76	19.71	19.63		
10	16QAM	1	25	19.77	19.75	19.67	20.5	0
10	16QAM	1	49	19.75	19.75	19.60		
10	16QAM	25	0	19.74	19.78	19.74		
10	16QAM	25	12	19.69	19.74	19.57	20.5	0
10	16QAM	25	25	19.68	19.74	19.68		
10	16QAM	50	0	19.72	19.86	19.61		
10	64QAM	1	0	19.80	19.70	19.61		
10	64QAM	1	25	19.67	19.74	19.62	20.5	0
10	64QAM	1	49	19.69	19.66	19.58		
10	64QAM	25	0	19.72	19.84	19.76		
10	64QAM	25	12	19.77	19.82	19.58	20.5	0
10	64QAM	25	25	19.69	19.68	19.68		
10	64QAM	50	0	19.70	19.74	19.68		
10	256QAM	1	0	19.20	19.18	19.15		
10	256QAM	1	25	19.41	19.41	19.42	20	0.5
10	256QAM	1	49	19.22	19.27	19.10		
10	256QAM	25	0	19.20	19.35	19.17		
10	256QAM	25	12	19.32	19.39	19.28	20	0.5
10	256QAM	25	25	19.21	19.22	19.19		
10	256QAM	50	0	19.18	19.25	19.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.74	19.75	19.66		
5	QPSK	1	12	19.66	19.72	19.65	20.5	0
5	QPSK	1	24	19.68	19.71	19.61		
5	QPSK	12	0	19.76	19.73	19.71		
5	QPSK	12	7	19.75	19.66	19.65	20.5	0
5	QPSK	12	13	19.68	19.68	19.58		
5	QPSK	25	0	19.58	19.64	19.59		
5	16QAM	1	0	19.70	19.77	19.69		
5	16QAM	1	12	19.66	19.76	19.67	20.5	0
5	16QAM	1	24	19.65	19.77	19.58		
5	16QAM	12	0	19.65	19.77	19.71		
5	16QAM	12	7	19.59	19.60	19.60	20.5	0
5	16QAM	12	13	19.62	19.73	19.58		
5	16QAM	25	0	19.74	19.76	19.65		
5	64QAM	1	0	19.76	19.73	19.65		
5	64QAM	1	12	19.74	19.79	19.71	20.5	0
5	64QAM	1	24	19.75	19.76	19.65		
5	64QAM	12	0	19.73	19.73	19.63		
5	64QAM	12	7	19.80	19.78	19.61	20.5	0
5	64QAM	12	13	19.67	19.69	19.62		
5	64QAM	25	0	19.67	19.86	19.61		
5	256QAM	1	0	19.20	19.22	19.01		
5	256QAM	1	12	19.31	19.32	19.26	20	0.5
5	256QAM	1	24	19.05	19.10	18.93		
5	256QAM	12	0	19.21	19.22	19.20		
5	256QAM	12	7	19.14	19.27	19.05	20	0.5
5	256QAM	12	13	19.13	19.05	19.16		
5	256QAM	25	0	19.10	19.18	18.93		

Band 38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.81	20.84	20.83		
20	QPSK	1	49	20.80	20.81	20.71	21	0
20	QPSK	1	99	20.70	20.79	20.79		
20	QPSK	50	0	20.74	20.80	20.73		
20	QPSK	50	24	20.69	20.74	20.72	21	0
20	QPSK	50	50	20.70	20.79	20.71		
20	QPSK	100	0	20.69	20.74	20.71		
20	16QAM	1	0	20.72	20.80	20.70		
20	16QAM	1	49	20.68	20.80	20.89	21	0
20	16QAM	1	99	20.75	20.81	20.69		
20	16QAM	50	0	20.72	20.82	20.80		
20	16QAM	50	24	20.74	20.83	20.75	21	0
20	16QAM	50	50	20.68	20.80	20.76		
20	16QAM	100	0	20.74	20.82	20.80		
20	64QAM	1	0	20.78	20.80	20.79		
20	64QAM	1	49	20.71	20.71	20.81	21	0
20	64QAM	1	99	20.78	20.70	20.79		
20	64QAM	50	0	19.83	19.93	19.87		
20	64QAM	50	24	19.71	19.82	19.81	20	1
20	64QAM	50	50	19.70	19.80	19.82		
20	64QAM	100	0	19.75	19.87	19.82		
20	256QAM	1	0	17.62	17.59	17.62		
20	256QAM	1	49	17.68	17.81	17.65	19	2
20	256QAM	1	99	17.64	17.69	17.52		
20	256QAM	50	0	17.77	17.83	17.75		
20	256QAM	50	24	17.76	17.69	17.67	19	2
20	256QAM	50	50	17.72	17.80	17.81		
20	256QAM	100	0	17.73	17.64	17.62		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.68	20.69	20.72		
15	QPSK	1	37	20.77	20.70	20.59	21	0
15	QPSK	1	74	20.60	20.70	20.71		
15	QPSK	36	0	20.68	20.82	20.60		
15	QPSK	36	20	20.62	20.67	20.61	21	0
15	QPSK	36	39	20.55	20.78	20.65		
15	QPSK	75	0	20.58	20.60	20.61		
15	16QAM	1	0	20.60	20.75	20.55		
15	16QAM	1	37	20.65	20.73	20.63	21	0
15	16QAM	1	74	20.60	20.73	20.64		
15	16QAM	36	0	20.60	20.81	20.66		
15	16QAM	36	20	20.71	20.81	20.67	21	0
15	16QAM	36	39	20.53	20.73	20.73		
15	16QAM	75	0	20.72	20.70	20.72		
15	64QAM	1	0	20.66	20.76	20.67		
15	64QAM	1	37	20.66	20.61	20.74	21	0
15	64QAM	1	74	20.66	20.60	20.77		
15	64QAM	36	0	19.69	19.90	19.64		
15	64QAM	36	20	19.63	19.79	19.69	20	1
15	64QAM	36	39	19.66	19.70	19.74		
15	64QAM	75	0	19.66	19.85	19.76		
15	256QAM	1	0	17.54	17.47	17.58		
15	256QAM	1	37	17.67	17.70	17.52	19	2
15	256QAM	1	74	17.56	17.65	17.41		
15	256QAM	36	0	17.66	17.81	17.69		
15	256QAM	36	20	17.70	17.61	17.65	19	2
15	256QAM	36	39	17.68	17.75	17.69		
15	256QAM	75	0	17.64	17.55	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.79	20.78	20.69		
10	QPSK	1	25	20.75	20.80	20.69	21	0
10	QPSK	1	49	20.59	20.68	20.65		
10	QPSK	25	0	20.63	20.79	20.65		
10	QPSK	25	12	20.62	20.68	20.68	21	0
10	QPSK	25	25	20.55	20.67	20.62		
10	QPSK	50	0	20.59	20.73	20.66		
10	16QAM	1	0	20.59	20.66	20.64		
10	16QAM	1	25	20.54	20.79	20.61	21	0
10	16QAM	1	49	20.69	20.66	20.62		
10	16QAM	25	0	20.67	20.68	20.79		
10	16QAM	25	12	20.60	20.81	20.62	21	0
10	16QAM	25	25	20.57	20.72	20.71		
10	16QAM	50	0	20.72	20.72	20.68		
10	64QAM	1	0	20.76	20.79	20.76		
10	64QAM	1	25	20.67	20.60	20.67	21	0
10	64QAM	1	49	20.74	20.58	20.65		
10	64QAM	25	0	19.70	19.92	19.71		
10	64QAM	25	12	19.66	19.70	19.72	21	1
10	64QAM	25	25	19.67	19.72	19.72		
10	64QAM	50	0	19.73	19.86	19.70		
10	256QAM	1	0	17.61	17.44	17.48		
10	256QAM	1	25	17.60	17.72	17.64	19	2
10	256QAM	1	49	17.59	17.62	17.57		
10	256QAM	25	0	17.65	17.79	17.74		
10	256QAM	25	12	17.75	17.67	17.54	19	2
10	256QAM	25	25	17.67	17.76	17.80		
10	256QAM	50	0	17.63	17.63	17.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.68	20.79	20.72		
5	QPSK	1	12	20.70	20.72	20.59	21	0
5	QPSK	1	24	20.65	20.72	20.68		
5	QPSK	12	0	20.73	20.74	20.67		
5	QPSK	12	7	20.67	20.67	20.67	21	0
5	QPSK	12	13	20.59	20.73	20.61		
5	QPSK	25	0	20.57	20.68	20.70		
5	16QAM	1	0	20.69	20.70	20.69		
5	16QAM	1	12	20.66	20.68	20.57	21	0
5	16QAM	1	24	20.63	20.76	20.67		
5	16QAM	12	0	20.61	20.68	20.74		
5	16QAM	12	7	20.71	20.76	20.68	21	0
5	16QAM	12	13	20.56	20.73	20.72		
5	16QAM	25	0	20.62	20.70	20.76		
5	64QAM	1	0	20.74	20.69	20.65		
5	64QAM	1	12	20.67	20.63	20.80	21	0
5	64QAM	1	24	20.70	20.62	20.70		
5	64QAM	12	0	19.81	19.84	19.74		
5	64QAM	12	7	19.63	19.78	19.77	20	1
5	64QAM	12	13	19.65	19.72	19.71		
5	64QAM	25	0	19.66	19.72	19.71		
5	256QAM	1	0	17.52	17.45	17.53		
5	256QAM	1	12	17.53	17.74	17.57	19	2
5	256QAM	1	24	17.52	17.63	17.47		
5	256QAM	12	0	17.72	17.82	17.73		
5	256QAM	12	7	17.66	17.54	17.59	19	2
5	256QAM	12	13	17.69	17.75	17.75		
5	256QAM	25	0	17.61	17.63	17.53		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.06	22.16	22.12		
20	QPSK	1	49	21.91	22.01	22.10	22.5	0
20	QPSK	1	99	22.04	22.11	21.98		
20	QPSK	50	0	22.00	22.10	22.07		
20	QPSK	50	24	21.95	22.05	22.04	22.5	0
20	QPSK	50	50	21.98	22.03	22.02		
20	QPSK	100	0	21.95	22.06	22.03		
20	16QAM	1	0	22.04	22.09	22.02		
20	16QAM	1	49	21.93	22.12	21.97	22.5	0
20	16QAM	1	99	22.00	22.04	22.07		
20	16QAM	50	0	22.03	22.02	22.06		
20	16QAM	50	24	21.98	22.13	22.07	22.5	0
20	16QAM	50	50	21.91	22.09	22.01		
20	16QAM	100	0	21.97	22.08	22.03		
20	64QAM	1	0	21.99	22.15	22.02		
20	64QAM	1	49	22.02	22.07	22.02	22.5	0
20	64QAM	1	99	22.00	22.09	22.05		
20	64QAM	50	0	21.21	21.36	21.32		
20	64QAM	50	24	21.44	21.47	21.30	22	0.5
20	64QAM	50	50	21.46	21.53	21.30		
20	64QAM	100	0	21.41	21.44	21.33		
20	256QAM	1	0	19.19	19.27	19.26		
20	256QAM	1	49	19.19	19.27	19.21	20	2.5
20	256QAM	1	99	19.40	19.40	19.35		
20	256QAM	50	0	19.38	19.43	19.40		
20	256QAM	50	24	19.25	19.32	19.37	20	2.5
20	256QAM	50	50	19.18	19.29	19.35		
20	256QAM	100	0	19.34	19.39	19.26		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.00	22.05	22.05		
15	QPSK	1	37	21.76	22.00	22.00	22.5	0
15	QPSK	1	74	22.01	21.97	21.91		
15	QPSK	36	0	21.83	22.02	21.92		
15	QPSK	36	20	21.90	21.93	21.97	22.5	0
15	QPSK	36	39	21.86	22.00	22.01		
15	QPSK	75	0	21.87	21.94	21.90		
15	16QAM	1	0	21.89	22.02	21.92		
15	16QAM	1	37	21.79	22.06	21.83	22.5	0
15	16QAM	1	74	21.89	21.99	22.01		
15	16QAM	36	0	21.95	21.99	22.04		
15	16QAM	36	20	21.89	22.09	21.99	22.5	0
15	16QAM	36	39	21.90	22.05	21.87		
15	16QAM	75	0	21.92	21.96	21.88		
15	64QAM	1	0	21.92	22.13	21.96		
15	64QAM	1	37	21.98	22.00	22.00	22.5	0
15	64QAM	1	74	21.89	22.01	21.90		
15	64QAM	36	0	21.14	21.34	21.27		
15	64QAM	36	20	21.40	21.46	21.24	22	0.5
15	64QAM	36	39	21.41	21.46	21.15		
15	64QAM	75	0	21.27	21.39	21.22		
15	256QAM	1	0	19.12	19.19	19.17		
15	256QAM	1	37	19.07	19.16	19.07	20	2.5
15	256QAM	1	74	19.33	19.31	19.25		
15	256QAM	36	0	19.25	19.34	19.31		
15	256QAM	36	20	19.16	19.27	19.22	20	2.5
15	256QAM	36	39	19.10	19.14	19.24		
15	256QAM	75	0	19.31	19.32	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.04	22.09	22.02		
10	QPSK	1	25	21.87	21.91	22.02	22.5	0
10	QPSK	1	49	21.90	22.07	21.93		
10	QPSK	25	0	21.91	21.98	21.85		
10	QPSK	25	12	21.85	21.94	21.90	22.5	0
10	QPSK	25	25	21.85	21.99	21.96		
10	QPSK	50	0	21.81	21.96	22.00		
10	16QAM	1	0	21.92	22.02	22.01		
10	16QAM	1	25	21.86	22.09	21.95	22.5	0
10	16QAM	1	49	21.94	21.91	22.04		
10	16QAM	25	0	21.90	21.99	21.93		
10	16QAM	25	12	21.89	21.98	22.00	22.5	0
10	16QAM	25	25	21.86	22.02	21.98		
10	16QAM	50	0	21.96	22.06	22.00		
10	64QAM	1	0	21.88	22.02	21.88		
10	64QAM	1	25	21.98	21.95	21.97	22.5	0
10	64QAM	1	49	21.90	21.95	22.04		
10	64QAM	25	0	21.16	21.22	21.28		
10	64QAM	25	12	21.37	21.41	21.22	22	0.5
10	64QAM	25	25	21.40	21.42	21.26		
10	64QAM	50	0	21.35	21.30	21.18		
10	256QAM	1	0	19.05	19.18	19.12		
10	256QAM	1	25	19.06	19.12	19.09	20	2.5
10	256QAM	1	49	19.26	19.37	19.30		
10	256QAM	25	0	19.36	19.36	19.39		
10	256QAM	25	12	19.18	19.23	19.36	20	2.5
10	256QAM	25	25	19.04	19.20	19.32		
10	256QAM	50	0	19.30	19.29	19.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.93	22.07	22.00		
5	QPSK	1	12	21.83	21.89	22.05	22.5	0
5	QPSK	1	24	21.88	22.00	21.95		
5	QPSK	12	0	21.90	22.01	21.96		
5	QPSK	12	7	21.90	21.97	21.95	22.5	0
5	QPSK	12	13	21.84	21.92	22.09		
5	QPSK	25	0	21.91	21.94	21.90		
5	16QAM	1	0	21.92	21.94	21.95		
5	16QAM	1	12	21.86	21.97	21.83	22.5	0
5	16QAM	1	24	21.87	22.01	22.04		
5	16QAM	12	0	21.96	22.01	21.93		
5	16QAM	12	7	21.89	22.09	21.92	22.5	0
5	16QAM	12	13	21.80	22.03	21.98		
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.96	22.14	21.90		
5	64QAM	1	12	21.90	22.05	21.89	22.5	0
5	64QAM	1	24	21.86	21.95	21.97		
5	64QAM	12	0	21.13	21.24	21.24		
5	64QAM	12	7	21.42	21.46	21.21	22	0.5
5	64QAM	12	13	21.45	21.44	21.17		
5	64QAM	25	0	21.34	21.40	21.31		
5	256QAM	1	0	19.18	19.16	19.21		
5	256QAM	1	12	19.13	19.12	19.08	20	2.5
5	256QAM	1	24	19.33	19.37	19.20		
5	256QAM	12	0	19.33	19.32	19.28		
5	256QAM	12	7	19.16	19.21	19.30	20	2.5
5	256QAM	12	13	19.16	19.19	19.23		
5	256QAM	25	0	19.27	19.30	19.17		

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.29	19.34	19.27		
20	QPSK	1	49	19.21	19.29	19.12	19.5	0
20	QPSK	1	99	19.15	19.20	19.19		
20	QPSK	50	0	19.25	19.30	19.19		
20	QPSK	50	24	19.20	19.22	19.15	19.5	0
20	QPSK	50	50	19.24	19.19	19.13		
20	QPSK	100	0	19.23	19.29	19.18		
20	16QAM	1	0	19.16	19.24	19.15		
20	16QAM	1	49	19.14	19.29	19.14	19.5	0
20	16QAM	1	99	19.24	19.28	19.15		
20	16QAM	50	0	19.21	19.29	19.21	

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.95	16.93	16.97	16.78	16.65		
20	QPSK	1	49	16.92	16.87	16.88	16.72	16.63	17.2	0
20	QPSK	1	99	16.88	16.84	16.84	16.63	16.52		
20	QPSK	50	0	16.88	16.90	16.92	16.75	16.62		
20	QPSK	50	24	16.82	16.81	16.83	16.63	16.59	17.2	0
20	QPSK	50	50	16.79	16.81	16.85	16.67	16.51		
20	QPSK	100	0	16.81	16.85	16.88	16.70	16.58		
20	16QAM	1	0	16.83	16.82	16.96	16.65	16.61		
20	16QAM	1	49	16.81	16.80	16.84	16.68	16.61	17.2	0
20	16QAM	1	99	16.86	16.83	16.95	16.64	16.64		
20	16QAM	50	0	16.90	16.92	16.96	16.66	16.55		
20	16QAM	50	24	16.81	16.81	16.83	16.77	16.59	17.2	0
20	16QAM	50	50	16.90	16.84	16.86	16.76	16.61		
20	16QAM	100	0	16.94	16.82	16.84	16.70	16.55		
20	64QAM	1	0	16.80	16.78	16.82	16.70	16.50		
20	64QAM	1	49	16.87	16.84	16.96	16.74	16.53	17.2	0
20	64QAM	1	99	16.83	16.78	16.96	16.67	16.50		
20	64QAM	50	0	16.93	16.78	16.85	16.67	16.58		
20	64QAM	50	24	16.91	16.81	16.96	16.75	16.62	17.2	0
20	64QAM	50	50	16.81	16.84	16.87	16.75	16.60		
20	64QAM	100	0	16.80	16.83	16.89	16.72	16.55		
20	256QAM	1	0	16.88	16.78	16.88	16.72	16.62		
20	256QAM	1	49	16.81	16.83	16.88	16.76	16.58	17.2	0
20	256QAM	1	99	16.82	16.85	16.89	16.74	16.63		
20	256QAM	50	0	16.83	16.89	16.93	16.64	16.51		
20	256QAM	50	24	16.88	16.80	16.82	16.75	16.51	17.2	0
20	256QAM	50	50	16.92	16.88	16.86	16.74	16.50		
20	256QAM	100	0	16.90	16.88	16.93	16.70	16.55		
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	16.88	16.84	16.90	16.67	16.54		
15	QPSK	1	37	16.90	16.86	16.77	16.64	16.50	17.2	0
15	QPSK	1	74	16.75	16.71	16.74	16.51	16.50		
15	QPSK	36	0	16.85	16.77	16.85	16.61	16.54		
15	QPSK	36	20	16.78	16.75	16.72	16.52	16.49	17.2	0
15	QPSK	36	39	16.64	16.73	16.83	16.52	16.40		
15	QPSK	75	0	16.68	16.75	16.80	16.62	16.49		
15	16QAM	1	0	16.82	16.70	16.86	16.57	16.57		
15	16QAM	1	37	16.73	16.67	16.71	16.66	16.52	17.2	0
15	16QAM	1	74	16.73	16.79	16.82	16.49	16.49		
15	16QAM	36	0	16.75	16.80	16.88	16.65	16.46		
15	16QAM	36	20	16.78	16.77	16.69	16.64	16.54	17.2	0
15	16QAM	36	39	16.89	16.70	16.73	16.67	16.59		
15	16QAM	75	0	16.82	16.79	16.75	16.55	16.40		
15	64QAM	1	0	16.76	16.63	16.73	16.58	16.36		
15	64QAM	1	37	16.78	16.73	16.93	16.70	16.46	17.2	0
15	64QAM	1	74	16.77	16.67	16.89	16.54	16.48		
15	64QAM	36	0	16.89	16.68	16.82	16.65	16.55		
15	64QAM	36	20	16.90	16.78	16.89	16.60	16.50	17.2	0
15	64QAM	36	39	16.67	16.80	16.80	16.71	16.36		
15	64QAM	75	0	16.71	16.74	16.77	16.71	16.48		
15	256QAM	1	0	16.76	16.66	16.85	16.67	16.51		
15	256QAM	1	37	16.77	16.72	16.81	16.71	16.46	17.2	0
15	256QAM	1	74	16.69	16.72	16.86	16.72	16.49		
15	256QAM	36	0	16.68	16.75	16.79	16.52	16.44		
15	256QAM	36	20	16.78	16.69	16.69	16.70	16.41	17.2	0
15	256QAM	36	39	16.84	16.83	16.82	16.71	16.48		
15	256QAM	75	0	16.81	16.81	16.89	16.66	16.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.80	16.92	16.87	16.75	16.50		
10	QPSK	1	25	16.90	16.74	16.79	16.57	16.50	17.2	0
10	QPSK	1	49	16.86	16.71	16.74	16.58	16.46		
10	QPSK	25	0	16.84	16.87	16.79	16.70	16.47		
10	QPSK	25	12	16.72	16.68	16.79	16.58	16.46	17.2	0
10	QPSK	25	25	16.78	16.69	16.76	16.56	16.41		
10	QPSK	50	0	16.68	16.71	16.79	16.63	16.57		
10	16QAM	1	0	16.78	16.70	16.89	16.63	16.57		
10	16QAM	1	25	16.70	16.67	16.79	16.59	16.51	17.2	0
10	16QAM	1	49	16.85	16.79	16.85	16.60	16.49		
10	16QAM	25	0	16.89	16.81	16.89	16.59	16.48		
10	16QAM	25	12	16.69	16.67	16.81	16.70	16.54	17.2	0
10	16QAM	25	25	16.85	16.71	16.78	16.62	16.56		
10	16QAM	50	0	16.79	16.79	16.70	16.55	16.50		
10	64QAM	1	0	16.76	16.64	16.70	16.64	16.40		
10	64QAM	1	25	16.83	16.75	16.82	16.68	16.41	17.2	0
10	64QAM	1	49	16.78	16.74	16.84	16.63	16.35		
10	64QAM	25	0	16.84	16.71	16.82	16.55	16.53		
10	64QAM	25	12	16.82	16.79	16.92	16.70	16.58	17.2	0
10	64QAM	25	25	16.69	16.73	16.81	16.69	16.45		
10	64QAM	50	0	16.69	16.70	16.81	16.70	16.47		
10	256QAM	1	0	16.78	16.76	16.73	16.63	16.56		
10	256QAM	1	25	16.70	16.77	16.74	16.73	16.57	17.2	0
10	256QAM	1	49	16.74	16.78	16.82	16.61	16.58		
10	256QAM	25	0	16.76	16.82	16.90	16.58	16.43		
10	256QAM	25	12	16.74	16.71	16.73	16.61	16.40	17.2	0
10	256QAM	25	25	16.90	16.77	16.73	16.70	16.40		
10	256QAM	50	0	16.81	16.74	16.86	16.68	16.48		
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	16.83	16.85	16.87	16.75	16.60		
5	QPSK	1	12	16.88	16.76	16.82	16.67	16.54	17.2	0
5	QPSK	1	24	16.79	16.77	16.80	16.71	16.39		
5	QPSK	12	0	16.86	16.78	16.84	16.70	16.51		
5	QPSK	12	7	16.78	16.66	16.81	16.49	16.54	17.2	0
5	QPSK	12	13	16.69	16.72	16.75	16.58	16.37		
5	QPSK	25	0	16.70	16.75	16.77	16.62	16.51		
5	16QAM	1	0	16.74	16.72	16.89	16.63	16.54		
5	16QAM	1	12	16.80	16.75	16.83	16.57	16.51	17.2	0
5	16QAM	1	24	16.84	16.79	16.82	16.61	16.55		
5	16QAM	12	0	16.83	16.89	16.93	16.58	16.45		
5	16QAM	12	7	16.71	16.73	16.77	16.71	16.54	17.2	0
5	16QAM	12	13	16.83	16.72	16.85	16.62	16.54		
5	16QAM	25	0	16.82	16.80	16.90	16.65	16.40		
5	64QAM	1	0	16.70	16.72	16.75	16.64	16.36		
5	64QAM	1	12	16.80	16.81	16.85	16.63	16.49	17.2	0
5	64QAM	1	24	16.79	16.79	16.95	16.53	16.42		
5	64QAM	12	0	16.78	16.69	16.78	16.64	16.49		
5	64QAM	12	7	16.82	16.74	16.90	16.65	16.54	17.2	0
5	64QAM	12	13	16.80	16.71	16.78	16.69	16.52		
5	64QAM	25	0	16.68	16.78	16.75	16.69	16.50		
5	256QAM	1	0	16.73	16.71	16.84	16.70	16.49		
5	256QAM	1	12	16.72	16.74	16.82	16.74	16.48	17.2	0
5	256QAM	1	24	16.71	16.77	16.77	16.65	16.50		
5	256QAM	12	0	16.71	16.79	16.89	16.49	16.42		
5	256QAM	12	7	16.79	16.66	16.74	16.61	16.38	17.2	0
5	256QAM	12	13	16.81	16.73	16.80	16.69	16.41		
5	256QAM	25	0	16.75	16.77	16.78	16.56	16.41		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.51	18.59	18.66	18.41	18.44		
20	QPSK	1	49	18.37	18.58	18.61	18.28	18.30	18.8	0
20	QPSK	1	99	18.49	18.52	18.56	18.33	18.39		
20	QPSK	50	0	18.47	18.55	18.61	18.39	18.40		
20	QPSK	50	24	18.40	18.50	18.58	18.31	18.31	18.8	0
20	QPSK	50	50	18.39	18.46	18.53	18.32	18.29		
20	QPSK	100	0	18.40	18.53	18.57	18.40	18.41		
20	16QAM	1	0	18.45	18.58	18.55	18.38	18.43		
20	16QAM	1	49	18.44	18.50	18.64	18.30	18.40	18.8	0
20	16QAM	1	99	18.47	18.48	18.60	18.38	18.31		
20	16QAM	50	0	18.37	18.54	18.53	18.35	18.29		
20	16QAM	50	24	18.41	18.53	18.60	18.40	18.40	18.8	0
20	16QAM	50	50	18.45	18.50	18.60	18.39	18.30		
20	16QAM	100	0	18.36	18.52	18.55	18.39	18.43		
20	64QAM	1	0	18.50	18.51	18.55	18.34	18.35		
20	64QAM	1	49	18.39	18.48	18.62	18.40	18.36	18.8	0
20	64QAM	1	99	18.47	18.55	18.53	18.26	18.39		
20	64QAM	50	0	18.40	18.48	18.53	18.31	18.38		
20	64QAM	50	24	18.47	18.53	18.54	18.33	18.37	18.8	0
20	64QAM	50	50	18.36	18.50	18.61	18.38	18.38		
20	64QAM	100	0	18.39	18.45	18.55	18.34	18.30		
20	256QAM	1	0	18.38	18.53	18.55	18.30	18.42		
20	256QAM	1	49	18.37	18.51	18.53	18.35	18.37	18.8	0
20	256QAM	1	99	18.41	18.58	18.55	18.34	18.35		
20	256QAM	50	0	18.40	18.52	18.60	18.32	18.30		
20	256QAM	50	24	18.40	18.54	18.63	18.38	18.29	18.8	0
20	256QAM	50	50	18.49	18.44	18.56	18.34	18.33		
20	256QAM	100	0	18.39	18.56	18.55	18.27	18.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.47	18.58	18.58	18.29	18.35		
15	QPSK	1	37	18.29	18.46	18.59	18.18	18.19	18.8	0
15	QPSK	1	74	18.48	18.49	18.44	18.18	18.33		
15	QPSK	36	0	18.37	18.45	18.48	18.32	18.36		
15	QPSK	36	20	18.34	18.42	18.51	18.22	18.16	18.8	0
15	QPSK	36	39	18.31	18.36	18.41	18.25	18.17		
15	QPSK	75	0	18.35	18.47	18.50	18.25	18.35		
15	16QAM	1	0	18.43	18.51	18.47	18.31	18.41		
15	16QAM	1	37	18.40	18.47	18.49	18.17	18.33	18.8	0
15	16QAM	1	74	18.32	18.39	18.56	18.28	18.17		
15	16QAM	36	0	18.27	18.52	18.40	18.21	18.19		
15	16QAM	36	20	18.39	18.49	18.47	18.38	18.25	18.8	0
15	16QAM	36	39	18.34	18.40	18.55	18.31	18.15		
15	16QAM	75	0	18.31	18.41	18.41	18.30	18.40		
15	64QAM	1	0	18.40	18.38	18.48	18.23	18.23		
15	64QAM	1	37	18.24	18.45	18.47	18.28	18.24	18.8	0
15	64QAM	1	74	18.32	18.47	18.39	18.23	18.28		
15	64QAM	36	0	18.31	18.37	18.43	18.18	18.25		
15	64QAM	36	20	18.38	18.49	18.47	18.32	18.25	18.8	0
15	64QAM	36	39	18.33	18.40	18.56	18.23	18.37		
15	64QAM	75	0	18.37	18.41	18.44	18.29	18.21		
15	256QAM	1	0	18.27	18.38	18.53	18.28	18.41		
15	256QAM	1	37	18.28	18.50	18.44	18.26	18.27	18.8	0
15	256QAM	1	74	18.28	18.49	18.45	18.25	18.26		
15	256QAM	36	0	18.28	18.41	18.45	18.17	18.18		
15	256QAM	36	20	18.39	18.52	18.56	18.29	18.19	18.8	0
15	256QAM	36	39	18.41	18.42	18.48	18.33	18.31		
15	256QAM	75	0	18.33	18.50	18.40	18.25	18.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.38	18.46	18.53	18.30	18.42		
10	QPSK	1	25	18.26	18.48	18.55	18.16	18.28	18.8	0
10	QPSK	1	49	18.35	18.39	18.42	18.29	18.32		
10	QPSK	25	0	18.35	18.54	18.55	18.28	18.34		
10	QPSK	25	12	18.36	18.40	18.56	18.30	18.23	18.8	0
10	QPSK	25	25	18.35	18.39	18.38	18.20	18.28		
10	QPSK	50	0	18.34	18.38	18.49	18.39	18.29		
10	16QAM	1	0	18.37	18.54	18.52	18.36	18.28		
10	16QAM	1	25	18.37	18.41	18.56	18.27	18.35	18.8	0
10	16QAM	1	49	18.46	18.44	18.50	18.32	18.25		
10	16QAM	25	0	18.31	18.43	18.43	18.32	18.21		
10	16QAM	25	12	18.35	18.41	18.51	18.37	18.31	18.8	0
10	16QAM	25	25	18.41	18.39	18.48	18.38	18.23		
10	16QAM	50	0	18.27	18.37	18.46	18.26	18.34		
10	64QAM	1	0	18.35	18.44	18.45	18.29	18.23		
10	64QAM	1	25	18.28	18.37	18.51	18.37	18.34	18.8	0
10	64QAM	1	49	18.36	18.51	18.43	18.24	18.33		
10	64QAM	25	0	18.37	18.44	18.48	18.16	18.30		
10	64QAM	25	12	18.35	18.52	18.52	18.29	18.24	18.8	0
10	64QAM	25	25	18.35	18.43	18.48	18.35	18.23		
10	64QAM	50	0	18.32	18.31	18.40	18.26	18.22		
10	256QAM	1	0	18.33	18.46	18.52	18.29	18.32		
10	256QAM	1	25	18.28	18.44	18.42	18.29	18.22	18.8	0
10	256QAM	1	49	18.28	18.44	18.50	18.23	18.33		
10	256QAM	25	0	18.28	18.38	18.47	18.23	18.19		
10	256QAM	25	12	18.31	18.46	18.50	18.38	18.16	18.8	0
10	256QAM	25	25	18.43	18.31	18.44	18.32	18.29		
10	256QAM	50	0	18.24	18.55	18.44	18.18	18.27		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.39	18.52	18.56	18.31	18.41		
5	QPSK	1	12	18.22	18.52	18.46	18.15	18.25	18.8	0
5	QPSK	1	24	18.47	18.49	18.50	18.30	18.27		
5	QPSK	12	0	18.39	18.54	18.50	18.29	18.26		
5	QPSK	12	7	18.30	18.47	18.52	18.23	18.22	18.8	0
5	QPSK	12	13	18.31	18.45	18.45	18.26	18.15		
5	QPSK	25	0	18.31	18.44	18.44	18.26	18.34		
5	16QAM	1	0	18.37	18.44	18.40	18.36	18.34		
5	16QAM	1	12	18.42	18.43	18.60	18.21	18.37	18.8	0
5	16QAM	1	24	18.33	18.45	18.48	18.36	18.25		
5	16QAM	12	0	18.32	18.49	18.43	18.26	18.22		
5	16QAM	12	7	18.35	18.43	18.48	18.36	18.38	18.8	0
5	16QAM	12	13	18.32	18.41	18.55	18.33	18.21		
5	16QAM	25	0	18.30	18.50	18.45	18.36	18.32		
5	64QAM	1	0	18.46	18.50	18.40	18.21	18.34		
5	64QAM	1	12	18.26	18.34	18.58	18.36	18.22	18.8	0
5	64QAM	1	24	18.42	18.46	18.39	18.24	18.29		
5	64QAM	12	0	18.29	18.45	18.42	18.28	18.31		
5	64QAM	12	7	18.40	18.39	18.39	18.18	18.28	18.8	0
5	64QAM	12	13	18.28	18.37	18.60	18.33	18.28		
5	64QAM	25	0	18.37	18.37	18.47	18.29	18.28		
5	256QAM	1	0	18.35	18.48	18.43	18.24	18.31		
5	256QAM	1	12	18.33	18.37	18.42	18.32	18.32	18.8	0
5	256QAM	1	24	18.32	18.56	18.51	18.31	18.33		
5	256QAM	12	0	18.34	18.40	18.48	18.29	18.23		
5	256QAM	12	7	18.25	18.51	18.59	18.29	18.21	18.8	0
5	256QAM	12	13	18.36	18.41	18.48	18.31	18.18		
5	256QAM	25	0	18.24	18.44	18.42	18.25	18.35		

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.87	19.41	19.47	19.22	19.07		
20	QPSK	1	49	18.74	19.34	19.42	19.20	19.06	19.7	0
20	QPSK	1	99	18.78	19.40	19.34	19.12	18.98		
20	QPSK	50	0	18.84	19.38	19.43	19.21	19.01		
20	QPSK	50	24	18.80	19.36	19.36	19.12	18.92	19.7	0
20	QPSK	50	50	18.83	19.27	19.35	19.10	18.96		
20	QPSK	100	0	18.84	19.36	19.40	19.14	19.03		
20	16QAM	1	0	18.75	19.37	19.40	19.10	18.94		
20	16QAM	1	49	18.85	19.35	19.34	19.08	19.05	19.7	0
20	16QAM	1	99	18.76	19.28	19.39	19.10	19.01		
20	16QAM	50	0	18.81	19.35	19.39	19.10	18.93		
20	16QAM	50	24	18.78	19.31	19.39	19.19	18.97	19.7	0
20	16QAM	50	50	18.83	19.26	19.32	19.07	19.00		
20	16QAM	100	0	18.76	19.31	19.42	19.16	18.92		
20	64QAM	1	0	18.77	19.29	19.34	19.08	19.06		
20	64QAM	1	49	18.77	19.32	19.43	19.11	18.99	19.7	0
20	64QAM	1	99	18.78	19.31	19.43	19.16	18.95		
20	64QAM	50	0	18.83	19.36	19.32	19.14	19.00		
20	64QAM	50	24	18.81	19.26	19.43	19.20	19.05	19.7	0
20	64QAM	50	50	18.84	19.39	19.37	19.09	19.04		
20	64QAM	100	0	18.85	19.28	19.35	19.17	18.94		
20	256QAM	1	0	17.12	17.48	17.58	17.57	17.55		
20	256QAM	1	49	17.14	17.64	17.70	17.50	17.52	18.3	1.4
20	256QAM	1	99	17.12	17.65	17.62	17.61	17.64		
20	256QAM	50	0	16.96	17.46	17.68	17.55	17.47		
20	256QAM	50	24	17.03	17.47	17.67	17.60	17.50	18.3	1.4
20	256QAM	50	50	17.02	17.38	17.54	17.49	17.51		
20	256QAM	100	0	16.95	17.52	17.54	17.39	17.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.72	19.35	19.33	19.20	18.92		
15	QPSK	1	37	18.70	19.24	19.28	19.10	18.99	19.7	0
15	QPSK	1	74	18.65	19.28	19.23	18.98	18.84		
15	QPSK	36	0	18.69	19.28	19.31	19.20	19.00		
15	QPSK	36	20	18.79	19.26	19.33	19.03	18.85	19.7	0
15	QPSK	36	39	18.76	19.19	19.22	19.08	18.81		
15	QPSK	75	0	18.76	19.24	19.29	19.09	18.91		
15	16QAM	1	0	18.73	19.27	19.29	19.01	18.93		
15	16QAM	1	37	18.72	19.24	19.28	19.00	18.95	19.7	0
15	16QAM	1	74	18.65	19.19	19.37	19.07	19.00		
15	16QAM	36	0	18.67	19.28	19.32	18.95	18.86		
15	16QAM	36	20	18.72	19.26	19.24	19.06	18.93	19.7	0
15	16QAM	36	39	18.77	19.11	19.29	19.01	18.92		
15	16QAM	75	0	18.65	19.23	19.29	19.15	18.83		
15	64QAM	1	0	18.65	19.25	19.30	18.93	18.93		
15	64QAM	1	37	18.68	19.30	19.36	19.01	18.86	19.7	0
15	64QAM	1

Band 41 (HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.83	21.11	21.20	21.01	21.04		
20	QPSK	1	49	20.71	21.02	21.05	21.00	20.97	21.3	0
20	QPSK	1	99	20.68	21.08	21.06	20.98	20.89		
20	QPSK	50	0	20.82	21.06	21.18	20.86	21.00		
20	QPSK	50	24	20.73	21.01	21.15	20.89	20.97	21.3	0
20	QPSK	50	50	20.68	21.01	21.13	20.86	20.80		
20	QPSK	100	0	20.77	20.98	21.14	21.00	20.93		
20	16QAM	1	0	20.79	20.96	21.06	20.89	20.99		
20	16QAM	1	49	20.77	21.01	21.09	20.92	20.96	21.3	0
20	16QAM	1	99	20.73	21.02	21.15	20.95	20.94		
20	16QAM	50	0	20.75	21.08	21.13	20.91	20.90		
20	16QAM	50	24	20.77	21.10	21.14	20.87	21.03	21.3	0
20	16QAM	50	50	20.74	21.03	21.14	20.94	21.00		
20	16QAM	100	0	20.75	20.96	21.07	20.90	20.95		
20	64QAM	1	0	20.77	21.01	21.06	20.94	20.92		
20	64QAM	1	49	20.69	21.09	21.12	20.97	21.00	21.3	0
20	64QAM	1	99	20.78	20.97	21.15	20.93	20.94		
20	64QAM	50	0	20.72	20.97	21.16	20.90	20.98		
20	64QAM	50	24	20.80	21.04	21.07	20.88	21.01	21.3	0
20	64QAM	50	50	20.71	21.04	21.10	20.88	20.91		
20	64QAM	100	0	20.80	20.99	21.19	20.88	20.90		
20	256QAM	1	0	19.30	19.25	19.45	19.40	19.23		
20	256QAM	1	49	19.40	19.45	19.46	19.47	19.41	19.8	1.5
20	256QAM	1	99	19.23	19.28	19.38	19.28	19.29		
20	256QAM	50	0	19.42	19.53	19.49	19.52	19.38		
20	256QAM	50	24	19.48	19.38	19.43	19.42	19.37	19.8	1.5
20	256QAM	50	50	19.25	19.30	19.35	19.34	19.34		
20	256QAM	100	0	19.51	19.45	19.52	19.44	19.48		
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	20.73	21.04	21.08	20.86	20.94		
15	QPSK	1	37	20.56	20.95	20.90	20.94	20.85	21.3	0
15	QPSK	1	74	20.56	20.96	21.00	20.96	20.78		
15	QPSK	36	0	20.67	20.96	21.04	20.84	20.90		
15	QPSK	36	20	20.65	20.91	21.05	20.86	20.95	21.3	0
15	QPSK	36	39	20.54	20.87	21.07	20.71	20.70		
15	QPSK	75	0	20.70	20.84	21.05	20.87	20.88		
15	16QAM	1	0	20.71	20.92	20.95	20.78	20.96		
15	16QAM	1	37	20.70	20.94	21.07	20.79	20.89	21.3	0
15	16QAM	1	74	20.69	20.88	21.09	20.91	20.91		
15	16QAM	36	0	20.68	21.04	21.11	20.80	20.75		
15	16QAM	36	20	20.76	20.99	21.00	20.78	20.97	21.3	0
15	16QAM	36	39	20.68	20.91	21.04	20.85	20.86		
15	16QAM	75	0	20.70	20.89	20.94	20.83	20.85		
15	64QAM	1	0	20.74	20.89	21.03	20.86	20.81		
15	64QAM	1	37	20.56	20.97	20.97	20.87	20.91	21.3	0
15	64QAM	1	74	20.63	20.91	21.10	20.82	20.82		
15	64QAM	36	0	20.60	20.88	21.13	20.83	20.86		
15	64QAM	36	20	20.70	21.03	20.98	20.81	20.99	21.3	0
15	64QAM	36	39	20.70	21.00	21.02	20.75	20.82		
15	64QAM	75	0	20.69	20.98	21.08	20.87	20.81		
15	256QAM	1	0	19.17	19.20	19.36	19.32	19.21		
15	256QAM	1	37	19.26	19.40	19.43	19.37	19.28	19.8	1.5
15	256QAM	1	74	19.10	19.20	19.30	19.22	19.28		
15	256QAM	36	0	19.32	19.45	19.34	19.41	19.27		
15	256QAM	36	20	19.38	19.27	19.31	19.34	19.32	19.8	1.5
15	256QAM	36	39	19.24	19.18	19.24	19.24	19.33		
15	256QAM	75	0	19.36	19.42	19.43	19.31	19.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.82	20.97	21.15	20.92	20.93		
10	QPSK	1	25	20.70	20.92	20.90	20.85	20.85	21.3	0
10	QPSK	1	49	20.67	20.98	21.03	20.87	20.81		
10	QPSK	25	0	20.77	21.02	21.13	20.88	20.92		
10	QPSK	25	12	20.66	20.98	21.11	20.81	20.93	21.3	0
10	QPSK	25	25	20.56	20.93	21.10	20.79	20.78		
10	QPSK	50	0	20.68	20.85	21.04	20.97	20.84		
10	16QAM	1	0	20.75	20.81	21.02	20.84	20.87		
10	16QAM	1	25	20.75	20.95	20.97	20.83	20.90	21.3	0
10	16QAM	1	49	20.69	20.97	21.12	20.90	20.92		
10	16QAM	25	0	20.66	21.03	21.09	20.85	20.80		
10	16QAM	25	12	20.62	20.95	21.04	20.80	21.01	21.3	0
10	16QAM	25	25	20.59	21.01	21.08	20.82	20.95		
10	16QAM	50	0	20.66	20.93	20.98	20.83	20.86		
10	64QAM	1	0	20.64	21.00	20.97	20.92	20.77		
10	64QAM	1	25	20.67	21.06	21.02	20.89	20.89	21.3	0
10	64QAM	1	49	20.64	20.83	21.09	20.92	20.79		
10	64QAM	25	0	20.57	20.86	21.10	20.79	20.94		
10	64QAM	25	12	20.69	20.90	20.93	20.80	20.97	21.3	0
10	64QAM	25	25	20.59	20.95	20.96	20.82	20.79		
10	64QAM	50	0	20.78	20.95	21.17	20.87	20.85		
10	256QAM	1	0	19.29	19.15	19.43	19.33	19.10		
10	256QAM	1	25	19.35	19.38	19.39	19.41	19.31	19.8	1.5
10	256QAM	1	49	19.17	19.23	19.24	19.23	19.28		
10	256QAM	25	0	19.27	19.50	19.45	19.50	19.30		
10	256QAM	25	12	19.43	19.29	19.28	19.33	19.32	19.8	1.5
10	256QAM	25	25	19.13	19.21	19.28	19.25	19.21		
10	256QAM	50	0	19.36	19.34	19.40	19.36	19.34		
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	20.75	21.02	21.15	20.99	20.90		
5	QPSK	1	12	20.70	20.98	21.02	20.88	20.94	21.3	0
5	QPSK	1	24	20.62	20.98	20.94	20.74	20.77		
5	QPSK	12	0	20.78	21.02	21.12	20.89	20.91		
5	QPSK	12	7	20.68	20.87	21.06	20.75	20.82	21.3	0
5	QPSK	12	13	20.54	21.00	20.99	20.72	20.66		
5	QPSK	25	0	20.62	20.84	21.13	20.95	20.92		
5	16QAM	1	0	20.65	20.87	21.02	20.74	20.88		
5	16QAM	1	12	20.66	20.90	21.02	20.82	20.88	21.3	0
5	16QAM	1	24	20.70	20.92	21.13	20.87	20.83		
5	16QAM	12	0	20.64	21.02	21.12	20.90	20.77		
5	16QAM	12	7	20.73	20.98	21.10	20.81	21.02	21.3	0
5	16QAM	12	13	20.69	20.94	21.07	20.88	20.90		
5	16QAM	25	0	20.73	20.94	20.97	20.88	20.93		
5	64QAM	1	0	20.71	21.00	21.04	20.91	20.86		
5	64QAM	1	12	20.64	21.01	21.04	20.95	20.86	21.3	0
5	64QAM	1	24	20.66	20.94	21.00	20.85	20.81		
5	64QAM	12	0	20.67	20.87	21.07	20.86	20.88		
5	64QAM	12	7	20.75	21.02	21.03	20.75	20.99	21.3	0
5	64QAM	12	13	20.69	21.02	21.08	20.79	20.83		
5	64QAM	25	0	20.72	20.94	21.07	20.77	20.83		
5	256QAM	1	0	19.23	19.13	19.42	19.27	19.21		
5	256QAM	1	12	19.29	19.38	19.40	19.46	19.36	19.8	1.5
5	256QAM	1	24	19.10	19.23	19.27	19.20	19.24		
5	256QAM	12	0	19.41	19.41	19.43	19.40	19.24		
5	256QAM	12	7	19.33	19.23	19.42	19.28	19.34	19.8	1.5
5	256QAM	12	13	19.12	19.28	19.20	19.29	19.27		
5	256QAM	25	0	19.46	19.41	19.45	19.33	19.42		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.14	18.15	18.21	17.95	18.10		
20	QPSK	1	49	18.09	18.01	18.17	17.85	18.00	18.7	0
20	QPSK	1	99	18.12	18.03	18.12	17.84	17.96		
20	QPSK	50	0	18.12	18.12	18.15	17.94	18.07		
20	QPSK	50	24	18.08	18.08	18.11	17.90	18.02	18.7	0
20	QPSK	50	50	18.03	18.08	18.04	17.85	18.00		
20	QPSK	100	0	18.04	18.03	18.10	17.91	17.98		
20	16QAM	1	0	18.12	18.01	18.13	17.84	17.98		
20	16QAM	1	49	18.12	18.03	18.07	17.84	17.96	18.7	0
20	16QAM	1	99	18.06	18.00	18.14	17.84	17.97		
20	16QAM	50	0	18.11	18.10	18.14	17.86	18.06		
20	16QAM	50	24	18.02	18.08	18.15	17.81	18.01	18.7	0
20	16QAM	50	50	18.08	18.03	18.16	17.93	18.01		
20	16QAM	100	0	18.04	18.10	18.04	17.94	18.00		
20	64QAM	1	0	18.03	17.98	18.10	17.94	18.04		
20	64QAM	1	49	18.09	18.09	18.13	17.90	18.08	18.7	0
20	64QAM	1	99	18.09	18.03	18.08	17.87	17.96		
20	64QAM	50	0	18.12	18.02	18.04	17.83	17.97		
20	64QAM	50	24	18.10	18.03	18.13	17.87	17.95	18.7	0
20	64QAM	50	50	18.06	17.99	18.07	17.88	17.95		
20	64QAM	100	0	18.01	18.07	18.04	17.81	18.00		
20	256QAM	1	0	18.03	18.03	18.09	17.87	18.02		
20	256QAM	1	49	18.00	17.98	18.07	17.88	17.97	18.7	0
20	256QAM	1	99	18.10	18.05	18.12	17.90	17.96		
20	256QAM	50	0	18.01	18.06	18.08	17.90	17.98		
20	256QAM	50	24	18.03	18.01	18.08	17.89	18.02	18.7	0
20	256QAM	50	50	18.10	18.07	18.12	17.92	17.98		
20	256QAM	100	0	18.01	17.99	18.12	17.80	18.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.06	18.07	18.18	17.92	18.08		
15	QPSK	1	37	17.98	17.89	18.12	17.75	17.99	18.7	0
15	QPSK	1	74	17.99	17.92	17.99	17.76	17.87		
15	QPSK	36	0	17.98	17.96	18.03	17.79	18.06		
15	QPSK	36	20	18.01	17.95	17.97	17.87	17.99	18.7	0
15	QPSK	36	39	17.97	18.05	17.91	17.71	17.98		
15	QPSK	75	0	17.96	17.93	18.05	17.83	17.85		
15	16QAM	1	0	17.98	17.93	18.08	17.71	17.88		
15	16QAM	1	37	18.09	18.00	18.04	17.82	17.83	18.7	0
15	16QAM	1	74	17.91	17.98	18.13	17.71	17.90		
15	16QAM	36	0	18.07	18.09	18.08	17.77	18.04		
15	16QAM	36	20	17.88	17.98	18.09	17.72	17.86	18.7	0
15	16QAM	36	39	17.98	17.96	18.09	17.86	17.96		
15	16QAM	75	0	18.01	17.95	18.01	17.79	17.93		
15	64QAM	1	0	17.98	17.93	18.09	17.86	17.94		
15	64QAM	1	37	17.98	18.03	18.08	17.80	17.97	18.7	0
15	64QAM	1	74	18.08	18.00	17.96	17.73	17.95		
15	64QAM	36	0	18.00	17.96	18.02	17.68	17.91		
15	64QAM	36	20	17.97	17.96	18.01	17.83	17.84	18.7	0
15	64QAM	36	39	17.92	17.89	18.03	17.81	17.94		
15	64QAM	75	0	17.98	18.06	17.90	17.79	17.89		
15	256QAM	1	0	17.99	17.95	18.02	17.85	17.95		
15	256QAM	1	37	17.96	17.90	17.97	17.82	17.88	18.7	0
15	256QAM	1	74	17.95	17.98	18.10	17.89	17.87		
15	256QAM	36	0	17.92	17.93	17.96	17.84	17.90		
15	256QAM	36	20	17.96	17.97	17.93	17.82	18.00	18.7	0
15	256QAM	36	39	17.96	17.98	18.04	17.86	17.91		
15	256QAM	75	0	17.97	17.89	18.11	17.70	17.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.09	18.05	18.10	17.85	18.08		
10	QPSK	1	25	18.02	17.96	18.03	17.77	17.87	18.7	0
10	QPSK	1	49	18.02	17.96	18.11	17.74	17.87		
10	QPSK	25	0	17.98	18.10	18.13	17.80	17.96		
10	QPSK	25	12	18.07	17.95	18.07	17.89	17.92	18.7	0
10	QPSK	25	25	18.01	17.99	17.92	17.84	17.95		
10	QPSK	50	0	17.99	17.98	17.96	17.83	17.89		
10	16QAM	1	0	18.00	17.91	18.09	17.80	17.84		
10	16QAM	1	25	18.02	17.92	17.98	17.74	17.93	18.7	0
10	16QAM	1	49	18.03	17.92	17.99	17.83	17.83		
10	16QAM	25	0	18.01	18.04	18.04	17.75	17.98		
10	16QAM	25	12	18.01	18.07	18.14	17.76	17.97	18.7	0
10	16QAM	25	25	17.93	17.93	18.06	17.89	17.88		
10	16QAM	50	0	18.02	17.97	17.89	17.73	17.89		
10	64QAM	1	0	17.94	17.96	17.95	17.84	18.03		
10	64QAM	1	25	17.99	17.99	18.10	17.83	18.03	18.7	0
10	64QAM	1	49	18.01	17.89	18.04	17.78	17.95		
10	64QAM	25	0	17.98	18.01	17.91	17.74	17.90		
10	64QAM	25	12	18.06	17.89	18.01	17.76	17.94	18.7	0
10	64QAM	25	25	17.97	17.95	18.03	17.83	17.88		
10	64QAM	50	0	17.89	18.03	17.99	17.77	17.90		
10	256QAM	1	0	18.01	18.02	17.99	17.76	17.96		
10	256QAM	1	25	17.88	17.84	18.03	17.77	17.92	18.7	0
10	256QAM	1	49	18.03	18.04	18.01	17.76	17.91		
10	256QAM	25	0	17.99	17.91	18.01	17.78	17.93		
10	256QAM	25	12	17.96	17.92	17.95	17.74	18.00	18.7	0
10	256QAM	25	25	18.09	17.93	18.05	17.78	17.89		
10	256QAM	50	0	17.89	17.90	18.00	17.73	17.94		
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	18.08	18.03	18.12	17.89	18.08		
5	QPSK	1	12	18.01	17.86	18.06	17.74	17.87	18.7	0
5	QPSK	1	24	17.97	17.90	18.01	17.73	17.82		
5	QPSK	12	0	17.98	18.06	18.09	17.83	17.92		
5	QPSK	12	7	17.95	17.94	18.07	17.75	17.87	18.7	0
5	QPSK	12	13	17.86	17.94	18.07	17.81	17.85		
5	QPSK	25	0	18.03	18.00	17.95	17.90	17.93		
5	16QAM	1	0	18.06	17.96	18.00	17.78	17.94		
5	16QAM	1	12	18.06	17.98	18.03	17.73	17.87	18.7	0
5	16QAM	1	24	17.93	17.92	18.05	17.76	17.93		
5	16QAM	12	0	18.06	18.06	18.02	17.82	18.05		
5	16QAM	12	7	17.91	18.06	18.01	17.66	18.00	18.7	0
5	16QAM	12	13	17.96	17.90	18.09	17.80	17.87		
5	16QAM	25	0	17.96	17.97	17.98	17.75	17.91		
5	64QAM	1	0	17.90	17.86	17.99	17.81	18.02		
5	64QAM	1	12	17.95	18.04	17.98	17.86	17.99	18.7	0
5	64QAM	1	24	17.97	17.96	17.98	17.85	17.84		
5	64QAM	12	0	18.09	18.00	17.92	17.75	17.90		
5	64QAM	12	7	17.97	18.02	18.04	17.82	17.91	18.7	0
5	64QAM	12	13	17.91	17.89	17.93	17.77	17.89		
5	64QAM	25	0	17.94	17.92	17.89	17.73	17.89		
5	256QAM	1	0	18.01	18.00	17.94	17.73	18.01		
5	256QAM	1	12	17.85	17.93	17.94	17.75	17.89	18.7	0
5	256QAM	1	24	17.97	17.90	18.07	17.84	17.92		
5	256QAM	12	0	17.91	18.02	18.01	17.81	17.94		
5	256QAM	12	7	17.94	17.92	18.04	17.74	17.98	18.7	0
5	256QAM	12	13	17.98	18.01	17.99	17.77	17.93		
5	256QAM	25	0	17.89	17.92	18.09	17.73	18.00		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.82	19.99	20.05	19.76	19.92		
20	QPSK	1	49	19.72	19.84	19.98	19.67	19.76	20.3	0
20	QPSK	1	99	19.75	19.93	19.90	19.59	19.76		
20	QPSK	50	0	19.78	19.96	20.01	19.73	19.89		
20	QPSK	50	24	19.75	19.94	19.88	19.70	19.81	20.3	0
20	QPSK	50	50	19.74	19.88	19.90	19.73	19.77		
20	QPSK	100	0	19.78	19.85	19.91	19.71	19.79		
20	16QAM	1	0	19.73	19.94	19.90	19.69	19.77		
20	16QAM	1	49	19.77	19.92	19.95	19.70	19.78	20.3	0
20	16QAM	1	99	19.80	19.83	19.89	19.70	19.76		
20	16QAM	50	0	19.76	19.82	19.88	19.60	19.86		
20	16QAM	50	24	19.72	19.93	20.00	19.63	19.89	20.3	0
20	16QAM	50	50	19.77	19.88	19.97	19.67	19.81		
20	16QAM	100	0	19.74	19.94	19.89	19.64	19.88		
20	64QAM	1	0	19.77	19.95	19.96	19.61	19.86		
20	64QAM	1	49	19.73	19.96	19.89	19.63	19.77	20.3	0
20	64QAM	1	99	19.80	19.95	19.94	19.60	19.89		
20	64QAM	50	0	19.73	19.86	19.97	19.62	19.85		
20	64QAM	50	24	19.80	19.88	19.99	19.70	19.78	20.3	0
20	64QAM	50	50	19.77	19.88	19.95	19.62	19.89		
20	64QAM	100	0	19.73	19.82	19.88	19.69	19.77		
20	256QAM	1	0	19.74	19.87	19.91	19.62	19.81		
20	256QAM	1	49	19.78	19.96	19.90	19.66	19.88	20.3	0
20	256QAM	1	99	19.80	19.85	19.92	19.63	19.87		
20	256QAM	50	0	19.74	19.82	19.96	19.71	19.76		
20	256QAM	50	24	19.74	19.84	19.91	19.65	19.84	20.3	0
20	256QAM	50	50	19.78	19.82	19.88	19.67	19.89		
20	256QAM	100	0	19.73	19.88	20.00	19.62	19.81		
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	19.73	19.91	19.97	19.71	19.88		
15	QPSK	1	37	19.58	19.77	19.85	19.57	19.75	20.3	0
15	QPSK	1	74	19.68	19.82	19.75	19.57	19.73		
15	QPSK	36	0	19.73	19.95	19.89	19.64	19.78		
15	QPSK	36	20	19.68	19.82	19.86	19.62	19.79	20.3	0
15	QPSK	36	39	19.63	19.82	19.76	19.61	19.69		
15	QPSK	75	0	19.67	19.84	19.85	19.60	19.70		
15	16QAM	1	0	19.70	19.81	19.85	19.67	19.72		
15	16QAM	1	37	19.73	19.82	19.84	19.65	19.73	20.3	0
15	16QAM	1	74	19.68	19.80	19.84	19.63	19.75		
15	16QAM	36	0	19.64	19.70	19.82	19.52	19.82		
15	16QAM	36	20	19.68	19.86	19.86	19.53	19.85	20.3	0
15	16QAM	36	39	19.65	19.78	19.93	19.61	19.77		
15	16QAM	75	0	19.70	19.85	19.84	19.49	19.73		
15	64QAM	1	0	19.72	19.91	19.94	19.56	19.74		
15	64QAM	1	37	19.60	19.87	19.76	19.49	19.73	20.3

Band 41_Ant 0

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	16.51	16.48	16.54	16.29	16.33	16.7	0
20	QPSK	1	49	16.40	16.44	16.49	16.27	16.19		
20	QPSK	1	99	16.36	16.35	16.46	16.23	16.23		
20	QPSK	50	0	16.45	16.47	16.50	16.28	16.33		
20	QPSK	50	24	16.37	16.43	16.40	16.25	16.30		
20	QPSK	50	50	16.42	16.36	16.42	16.27	16.28		
20	QPSK	100	0	16.43	16.46	16.47	16.15	16.24		
20	16QAM	1	0	16.41	16.47	16.43	16.26	16.20		
20	16QAM	1	49	16.36	16.42	16.48	16.26	16.21	16.7	0
20	16QAM	1	99	16.40	16.46	16.49	16.27	16.24		
20	16QAM	50	0	16.45	16.35	16.48	16.28	16.26		
20	16QAM	50	24	16.38	16.37	16.43	16.22	16.31	16.7	0
20	16QAM	50	50	16.41	16.38	16.52	16.26	16.18		
20	16QAM	100	0	16.46	16.35	16.50	16.20	16.18		
20	64QAM	1	0	16.42	16.47	16.50	16.24	16.25		
20	64QAM	1	49	16.37	16.33	16.39	16.22	16.19	16.7	0
20	64QAM	1	99	16.50	16.46	16.39	16.18	16.31		
20	64QAM	50	0	16.43	16.45	16.47	16.14	16.25		
20	64QAM	50	24	16.47	16.46	16.45	16.21	16.21	16.7	0
20	64QAM	50	50	16.48	16.40	16.47	16.16	16.27		
20	64QAM	100	0	16.41	16.46	16.43	16.16	16.27		
20	256QAM	1	0	16.38	16.33	16.41	16.28	16.32		
20	256QAM	1	49	16.49	16.34	16.39	16.17	16.28	16.7	0
20	256QAM	1	99	16.50	16.42	16.40	16.25	16.21		
20	256QAM	50	0	16.50	16.34	16.48	16.20	16.29		
20	256QAM	50	24	16.46	16.45	16.48	16.17	16.25	16.7	0
20	256QAM	50	50	16.37	16.45	16.42	16.20	16.22		
20	256QAM	100	0	16.44	16.36	16.42	16.18	16.18		
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	16.50	16.46	16.41	16.15	16.31	16.7	0
15	QPSK	1	37	16.30	16.37	16.34	16.18	16.13		
15	QPSK	1	74	16.22	16.24	16.33	16.13	16.18		
15	QPSK	36	0	16.35	16.42	16.37	16.22	16.16		
15	QPSK	36	20	16.32	16.30	16.31	16.19	16.18		
15	QPSK	36	39	16.35	16.24	16.39	16.22	16.24		
15	QPSK	75	0	16.30	16.41	16.40	16.03	16.13		
15	16QAM	1	0	16.28	16.39	16.38	16.24	16.17		
15	16QAM	1	37	16.35	16.27	16.43	16.12	16.13	16.7	0
15	16QAM	1	74	16.34	16.43	16.41	16.24	16.16		
15	16QAM	36	0	16.32	16.21	16.39	16.25	16.19		
15	16QAM	36	20	16.24	16.36	16.37	16.07	16.25	16.7	0
15	16QAM	36	39	16.40	16.26	16.50	16.22	16.17		
15	16QAM	75	0	16.33	16.33	16.38	16.06	16.03		
15	64QAM	1	0	16.35	16.42	16.48	16.18	16.19		
15	64QAM	1	37	16.26	16.22	16.36	16.10	16.08	16.7	0
15	64QAM	1	74	16.35	16.37	16.27	16.05	16.26		
15	64QAM	36	0	16.31	16.37	16.46	16.02	16.13		
15	64QAM	36	20	16.32	16.40	16.30	16.08	16.10	16.7	0
15	64QAM	36	39	16.38	16.34	16.32	16.13	16.16		
15	64QAM	75	0	16.30	16.34	16.36	16.14	16.19		
15	256QAM	1	0	16.37	16.26	16.36	16.20	16.25		
15	256QAM	1	37	16.46	16.21	16.38	16.10	16.26	16.7	0
15	256QAM	1	74	16.37	16.27	16.33	16.10	16.08		
15	256QAM	36	0	16.42	16.25	16.33	16.13	16.24		
15	256QAM	36	20	16.40	16.31	16.41	16.16	16.20	16.7	0
15	256QAM	36	39	16.34	16.44	16.39	16.11	16.15		
15	256QAM	75	0	16.34	16.22	16.41	16.08	16.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.43	16.42	16.43	16.26	16.23	16.7	0
10	QPSK	1	25	16.33	16.43	16.46	16.12	16.05		
10	QPSK	1	49	16.28	16.26	16.38	16.13	16.17		
10	QPSK	25	0	16.38	16.35	16.37	16.14	16.30		
10	QPSK	25	12	16.24	16.34	16.33	16.15	16.23	16.7	0
10	QPSK	25	25	16.32	16.25	16.39	16.15	16.29		
10	QPSK	50	0	16.39	16.42	16.39	16.04	16.20		
10	16QAM	1	0	16.27	16.38	16.37	16.16	16.12		
10	16QAM	1	25	16.33	16.39	16.43	16.23	16.13	16.7	0
10	16QAM	1	49	16.37	16.44	16.46	16.25	16.19		
10	16QAM	25	0	16.40	16.29	16.42	16.17	16.19		
10	16QAM	25	12	16.23	16.28	16.34	16.19	16.24	16.7	0
10	16QAM	25	25	16.30	16.28	16.38	16.16	16.17		
10	16QAM	50	0	16.37	16.26	16.35	16.14	16.08		
10	64QAM	1	0	16.32	16.37	16.45	16.19	16.13		
10	64QAM	1	25	16.26	16.21	16.37	16.13	16.13	16.7	0
10	64QAM	1	49	16.46	16.42	16.36	16.08	16.16		
10	64QAM	25	0	16.29	16.37	16.35	16.00	16.15		
10	64QAM	25	12	16.42	16.37	16.36	16.13	16.06	16.7	0
10	64QAM	25	25	16.43	16.38	16.32	16.15	16.14		
10	64QAM	50	0	16.30	16.37	16.41	16.11	16.18		
10	256QAM	1	0	16.33	16.18	16.29	16.19	16.17		
10	256QAM	1	25	16.44	16.19	16.30	16.08	16.13	16.7	0
10	256QAM	1	49	16.44	16.30	16.26	16.23	16.10		
10	256QAM	25	0	16.37	16.23	16.40	16.06	16.25		
10	256QAM	25	12	16.35	16.37	16.40	16.08	16.14	16.7	0
10	256QAM	25	25	16.28	16.43	16.37	16.18	16.12		
10	256QAM	50	0	16.34	16.34	16.11	16.04	16.04		
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	16.50	16.36	16.53	16.14	16.19	16.7	0
5	QPSK	1	12	16.39	16.36	16.45	16.17	16.06		
5	QPSK	1	24	16.38	16.27	16.35	16.13	16.15		
5	QPSK	12	0	16.31	16.46	16.43	16.27	16.26		
5	QPSK	12	7	16.23	16.37	16.35	16.17	16.16	16.7	0
5	QPSK	12	13	16.31	16.21	16.30	16.12	16.17		
5	QPSK	25	0	16.41	16.44	16.41	16.11	16.20		
5	16QAM	1	0	16.38	16.38	16.28	16.12	16.09		
5	16QAM	1	12	16.21	16.36	16.44	16.11	16.08	16.7	0
5	16QAM	1	24	16.28	16.38	16.37	16.21	16.13		
5	16QAM	12	0	16.34	16.23	16.39	16.13	16.15		
5	16QAM	12	7	16.36	16.23	16.34	16.13	16.20	16.7	0
5	16QAM	12	13	16.27	16.23	16.39	16.23	16.11		
5	16QAM	25	0	16.36	16.36	16.46	16.17	16.25		
5	64QAM	1	0	16.41	16.36	16.42	16.16	16.10		
5	64QAM	1	12	16.28	16.21	16.29	16.07	16.12	16.7	0
5	64QAM	1	24	16.48	16.40	16.35	16.03	16.25		
5	64QAM	12	0	16.34	16.42	16.34	16.03	16.11		
5	64QAM	12	7	16.34	16.40	16.44	16.11	16.19	16.7	0
5	64QAM	12	13	16.34	16.28	16.37	16.02	16.16		
5	64QAM	25	0	16.40	16.35	16.33	16.05	16.19		
5	256QAM	1	0	16.23	16.28	16.27	16.23	16.21		
5	256QAM	1	12	16.44	16.20	16.27	16.14	16.23	16.7	0
5	256QAM	1	24	16.36	16.41	16.39	16.17	16.14		
5	256QAM	12	0	16.49	16.25	16.39	16.13	16.22		
5	256QAM	12	7	16.38	16.35	16.33	16.10	16.19		
5	256QAM	12	13	16.26	16.44	16.30	16.07	16.15	16.7	0
5	256QAM	25	0	16.42	16.28	16.37	16.15	16.12		

Band 41 (HPUE)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.25	18.13	18.28	17.95	18.00	18.3	0
20	QPSK	1	49	18.22	18.10	18.26	17.83	17.88		
20	QPSK	1	99	18.23	18.00	18.26	17.90	17.86		
20	QPSK	50	0	18.21	18.11	18.25	17.82	17.92		
20	QPSK	50	24	18.18	18.01	18.15	17.81	17.88	18.3	0
20	QPSK	50	50	18.11	17.99	18.22	17.81	17.88		
20	QPSK	100	0	18.17	18.09	18.21	17.87	17.99		
20	16QAM	1	0	18.16	18.11	18.14	17.86	17.91		
20	16QAM	1	49	18.21	18.03	18.22	17.86	17.98	18.3	0
20	16QAM	1	99	18.15	18.09	18.14	17.82	17.85		
20	16QAM	50	0	18.14	18.00	18.24	17.88	17.99		
20	16QAM	50	24	18.16	18.04	18.13	17.82	17.97	18.3	0
20	16QAM	50	50	18.23	18.01	18.27	17.88	17.91		
20	16QAM	100	0	18.23	18.09	18.20	17.93	17.92		
20	64QAM	1	0	18.21	18.07	18.24	17.92	17.93		
20	64QAM	1	49	18.24	18.01	18.22	17.83	17.90	18.3	0
20	64QAM	1	99	18.12	18.00	18.20	17.92	17.93		
20	64QAM	50	0	18.17	18.05	18.22	17.80	17.92		
20	64QAM	50	24	18.16	17.98	18.13	17.89	17.95	18.3	0
20	64QAM	50	50	18.15	18.07	18.13	17.90	17.92		
20	64QAM	100	0	18.16	17.98	18.25	17.90	17.94		
20	256QAM	1	0	18.13	18.07	18.17	17.82	17.97		
20	256QAM	1	49	18.21	18.04	18.14	17.84	17.87	18.3	0
20	256QAM	1	99	18.12	18.07	18.18	17.90	17.90		
20	256QAM	50	0	18.13	18.07	18.23	17.83	17.87		
20	256QAM	50	24	18.15	18.04	18.13	17.85	17.95	18.3	0
20	256QAM	50	50	18.12	18.09	18.19	17.93	17.90		
20	256QAM	100	0	18.22	17.99	18.19	17.85	17.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.11	18.06	18.15	17.82	17.85	18.3	0
15	QPSK	1	37	18.20	18.05	18.12	17.72	17.83		
15	QPSK	1	74	18.18	17.99	18.19	17.84	17.81		
15	QPSK	36	0	18.18	17.96	18.23	17.69	17.93		
15	QPSK	36	20	18.16	17.91	18.06	17.74	17.77	18.3	0
15	QPSK	36	39	18.01	17.98	18.16	17.71	17.87		
15	QPSK	75	0	18.11	17.96	18.14	17.83	17.88		
15	16QAM	1	0	18.01	18.06	17.99	17.83	17.78		
15	16QAM	1	37	18.07	18.02	18.12	17.77	17.93	18.3	0
15	16QAM	1	74	18.08	18.00	18.03	17.77	17.72		
15	16QAM	36	0	18.05	17.87	18.23	17.75	17.88		
15	16QAM	36	20	18.10	17.98	18.05	17.78	17.92	18.3	0
15	16QAM	36	39	18.20	17.93	18.14	17.81	17.76		
15	16QAM	75	0	18.11	18.04	18.11	17.82	17.86		
15	64QAM	1	0	18.14	17.98	18.12	17.90	17.85		
15	64QAM	1	37	18.12	17.91	18.13	17.89	17.78	18.3	0
15	64QAM	1	74	17.97	17.92	18.06	17.84	17.92		
15	64QAM	36	0	18.02	17.98	18.14	17.74	17.88		
15	64QAM	36	20	18.13	17.92	18.02	17.85	17.90	18.3	0
15	64QAM	36	39	18.04	17.96	18.01	17.87	17.86		
15	64QAM	75	0	18.01	17.91	18.17	17.79	17.81		
15	256QAM	1	0	17.98	18.04	18.07	17.81	17.92		
15	256QAM	1	37	18.19	17.92	18.06	17.73	17.78	18.3	0
15	256QAM	1	74	18.06	18.03	18.15	17.76	17.79		
15	256QAM	36	0	18.02	18.06	18.13	17.80	17.86		
15	256QAM	36	20	18.14	17.96	17.99	17.84	17.91	18.3	0
15	256QAM	36	39	17.98	17.96	18.16	17.82	17.75		
15	256QAM	75	0	18.20	17.90	18.09	17.80	17.83		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.16	18.12	18.25	17.86	17.87	18.3	0
10	QPSK	1	25	18.19	18.02	18.18	17.74	17.76		
10	QPSK	1	49	18.14	17.93	18.19	17.89	17.75		
10	QPSK	25	0	18.09	18.04	18.15	17.76	17.92		
10	QPSK	25	12	18.11	17.98	18.09	17.68	17.86	18.3	0
10	QPSK	25	25	18.01	17.84	18.14	17.68	17.73		
10	QPSK	50	0	18.04	18.06	18.12	17.86	17.84		
10	16QAM	1	0	18.14	18.10	17.99	17.78	17.81		
10	16QAM	1	25	18.16	17.99	18.08	17.72	17.91	18.3	0
10	16QAM	1	49	18.07	17.99	18.00	17.78	17.79		
10	16QAM	25	0	18.10	17.91	18.11	17.87	17.77		
10	16QAM	25	12	18.04	17.98	18.05	17.80	17.91	18.3	0
10	16QAM	25	25	18.19	17.99	18.13	17.86	17.83		
10	16QAM	50	0	18.09	17.98	18.13	17.80	17.78		
10	64QAM	1	0	18.14	18.01	18.15	17.89	17.92		
10	64QAM	1	25	18.20	17.88	18.15	17.75	17.79	18.3	0
10	64QAM	1	49	18.01	17.87	18.09	17.86	17.87		
10	64QAM	25	0	18.09	17.95	18.17	17.71	17.82		
10	64QAM	25	12	18.07	17.89	18.02	17.82	17.90	18.3	0
10	64QAM	25	25	18.06	18.04	18.04	17.79	17.79		
10	64QAM	50	0	18.10	17.97	18.17	17.76	17.83		
10	256QAM	1	0	18.09	17.99	18.03	17.81	17.94		
10	256QAM	1	25	18.16	18.02	18.03	17.75	17.75	18.3	0
10	256QAM	1	49	18.10	17.95	18.10	17.75	17.91		
10	256QAM	25	0	17.98	17.93	18.17	17.78	17.85		
10	256QAM	25	12	18.03	18.00	18.07	17.78	17.86	18.3	0
10	256QAM	25	25	17.98	18.02	18.11	17.81	17.80		
10	256QAM	50	0	18.20	17.93	18.15	17.70	17.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.17	18.01	18.22	17.92	17.86	18.3	0
5	QPSK	1	12	18.21	18.00	18.12	17.68	17.83		
5	QPSK	1	24	18.21	17.96	18.22	17.84	17.83		
5	QPSK	12	0	18.10	18.08	18.14	17.73	17.83		
5	QPSK	12	7	18.14	17.99	18.07	17.72	17.77	18.3	0
5	QPSK	12	13	18.10	17.96	18.15	17.72	17.84		
5	QPSK	25	0	18.12	17.94	18.20	17.74	17.91		
5	16QAM	1	0	18.06	18.05	18.04	17.85	17.86		
5	16QAM	1	12	18.10	18.01	18.16	17.77	17.90	18.3	0
5	16QAM	1	24	18.10	18.04	18.12	17.79	17.83		
5	16QAM	12	0	18.08	17.89	18.11	17.73	17.81		
5	16QAM	12	7	18.04	17.95	17.99	17.77	17.95	18.3	0
5	16QAM	12	13	18.12	17.96	18.19	17.74	17.83		
5	16QAM	25	0	18.09	17.96	18.14	17.88	17.87		
5	64QAM	1	0	18.18	17.94	18.20	17.77	17.86		
5	64QAM	1	12	18.18	17.87	18.15	17.78	17.81	18.3	0
5	64QAM	1	24	18.07	17.99	18.19	17.81	17.91		
5	64QAM	12	0	18.05	17.91	18.10	17.70	17.90		
5	64QAM	12	7	18.06	17.96	18.03	17.85	17.81	18.3	0
5	64QAM	12	13	18.04	18.05	18.10	17.80	17.77		
5	64QAM	25	0	18.12	17.86	18.17	17.82	17.93		
5	256QAM	1	0	18.03	17.93	18.09	17.72	17.91		
5	256QAM	1	12	18.15	17.95	18.08	17.72	17.78	18.3	0
5	256QAM	1	24	18.09	18.03	18.09	17.88	17.85		
5	256QAM	12	0	17.98	17.96	18.10	17.75	17.81		
5	256QAM	12	7	18.03	18.03	18.01	17.81	17.86	18.3	0
5	256QAM	12	13	17.98	17.97	18.11	17.88	17.87		
5	256QAM	25	0	18.08	17.94	18.18	17.81	17.80		

Band 48_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.22	20.28	20.20	20.25		
20	QPSK	1	49	20.16	20.11	20.17	20.17	21	0
20	QPSK	1	99	20.12	20.04	20.12	20.22		
20	QPSK	50	0	20.19	20.25	20.19	20.22		
20	QPSK	50	24	20.16	20.12	20.12	20.21	21	0
20	QPSK	50	50	20.18	20.04	20.17	20.13		
20	QPSK	100	0	20.19	20.24	20.16	20.10		
20	16QAM	1	0	20.14	20.11	20.19	20.11		
20	16QAM	1	49	20.13	20.14	20.17	20.18	21	0
20	16QAM	1	99	20.18	20.14	20.14	20.12		
20	16QAM	50	0	20.17	20.16	20.17	20.10		
20	16QAM	50	24	20.17	20.07	20.19	20.16	21	0
20	16QAM	50	50	20.17	20.03	20.16	20.13		
20	16QAM	100	0	20.17	20.06	20.15	20.17		
20	64QAM	1	0	20.17	20.17	20.16	20.12		
20	64QAM	1	49	20.18	20.08	20.15	20.17	21	0
20	64QAM	1	99	20.17	20.12	20.16	20.17		
20	64QAM	50	0	20.14	20.08	20.15	20.21		
20	64QAM	50	24	20.10	20.17	20.17	20.12	21	0
20	64QAM	50	50	20.18	20.10	20.14	20.19		
20	64QAM	100	0	20.10	20.12	20.17	20.15		
20	256QAM	1	0	19.35	19.44	19.51	19.30		
20	256QAM	1	49	19.51	19.56	19.55	19.58	20	1
20	256QAM	1	99	19.24	19.36	19.25	19.33		
20	256QAM	50	0	19.48	19.69	19.55	19.47		
20	256QAM	50	24	19.51	19.68	19.47	19.63	20	1
20	256QAM	50	50	19.48	19.58	19.60	19.51		
20	256QAM	100	0	19.54	19.68	19.58	19.53		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.14	20.22	20.11	20.21		
15	QPSK	1	37	20.01	20.10	20.12	20.09	21	0
15	QPSK	1	74	20.01	19.95	20.07	20.20		
15	QPSK	36	0	20.11	20.16	20.12	20.14		
15	QPSK	36	20	20.10	20.07	20.01	20.16	21	0
15	QPSK	36	39	20.09	19.94	20.04	20.03		
15	QPSK	75	0	20.09	20.22	20.02	20.03		
15	16QAM	1	0	20.07	20.07	20.09	20.01		
15	16QAM	1	37	20.02	20.03	20.12	20.07	21	0
15	16QAM	1	74	20.14	20.13	20.10	20.04		
15	16QAM	36	0	20.12	20.13	20.09	20.03		
15	16QAM	36	20	20.11	20.04	20.13	20.02	21	0
15	16QAM	36	39	20.02	19.92	20.06	20.06		
15	16QAM	75	0	20.16	19.97	20.13	20.15		
15	64QAM	1	0	20.04	20.02	20.09	20.09		
15	64QAM	1	37	20.17	19.97	20.04	20.10	21	0
15	64QAM	1	74	20.11	19.97	20.05	20.04		
15	64QAM	36	0	19.99	19.98	20.06	20.09		
15	64QAM	36	20	19.98	20.03	20.16	20.00	21	0
15	64QAM	36	39	20.05	20.08	20.13	20.06		
15	64QAM	75	0	20.05	20.04	20.07	20.09		
15	256QAM	1	0	19.25	19.41	19.48	19.19		
15	256QAM	1	37	19.45	19.50	19.45	19.49	20	1
15	256QAM	1	74	19.19	19.32	19.20

Band 48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.51	19.54	19.24	19.40		
20	QPSK	1	49	19.45	19.30	19.13	19.35	20.3	0
20	QPSK	1	99	19.44	19.30	19.12	19.25		
20	QPSK	50	0	19.45	19.46	19.20	19.34		
20	QPSK	50	24	19.44	19.33	19.13	19.27	20.3	0
20	QPSK	50	50	19.43	19.36	19.11	19.30		
20	QPSK	100	0	19.41	19.42	19.16	19.38		
20	16QAM	1	0	19.43	19.32	19.21	19.36		
20	16QAM	1	49	19.44	19.31	19.15	19.25	20.3	0
20	16QAM	1	99	19.48	19.38	19.10	19.35		
20	16QAM	50	0	19.42	19.39	19.10	19.36		
20	16QAM	50	24	19.48	19.25	19.15	19.38	20.3	0
20	16QAM	50	50	19.50	19.27	19.15	19.28		
20	16QAM	100	0	19.46	19.27	19.16	19.28		
20	64QAM	1	0	19.46	19.32	19.23	19.31		
20	64QAM	1	49	19.43	19.25	19.22	19.28	20.3	0
20	64QAM	1	99	19.40	19.29	19.17	19.35		
20	64QAM	50	0	19.37	19.29	19.23	19.35		
20	64QAM	50	24	19.38	19.36	19.17	19.31	20.3	0
20	64QAM	50	50	19.41	19.35	19.13	19.25		
20	64QAM	100	0	19.40	19.26	19.18	19.25		
20	256QAM	1	0	18.05	18.13	18.07	18.01		
20	256QAM	1	49	17.94	18.13	18.14	18.02	18.8	1.5
20	256QAM	1	99	17.90	18.09	18.00	17.85		
20	256QAM	50	0	18.18	18.14	18.17	18.19		
20	256QAM	50	24	18.20	18.14	18.16	18.22	18.8	1.5
20	256QAM	50	50	18.13	18.25	18.17	18.04		
20	256QAM	100	0	18.14	18.13	18.25	18.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.40	19.51	19.11	19.35		
15	QPSK	1	37	19.44	19.23	19.02	19.31	20.3	0
15	QPSK	1	74	19.32	19.18	19.08	19.14		
15	QPSK	36	0	19.37	19.18	18.98	19.26		
15	QPSK	36	20	19.43	19.18	19.10	19.20	20.3	0
15	QPSK	36	39	19.33	19.29	19.14	19.31		
15	QPSK	75	0	19.27	19.14	19.05	19.27		
15	16QAM	1	0	19.41	19.27	19.11	19.35		
15	16QAM	1	37	19.39	19.18	19.13	19.14	20.3	0
15	16QAM	1	74	19.34	19.33	19.08	19.21		
15	16QAM	36	0	19.31	19.28	19.06	19.27		
15	16QAM	36	20	19.36	19.17	19.02	19.37	20.3	0
15	16QAM	36	39	19.46	19.15	19.01	19.27		
15	16QAM	75	0	19.32	19.12	19.14	19.25		
15	64QAM	1	0	19.40	19.25	19.18	19.28		
15	64QAM	1	37	19.30	19.22	19.17	19.25	20.3	0
15	64QAM	1	74	19.38	19.28	19.08	19.32		
15	64QAM	36	0	19.30	19.27	19.14	19.24		
15	64QAM	36	20	19.31	19.31	19.11	19.23	20.3	0
15	64QAM	36	39	19.33	19.33	19.08	19.21		
15	64QAM	75	0	19.38	19.24	19.07	19.15		
15	256QAM	1	0	18.00	18.07	17.95	17.90		
15	256QAM	1	37	17.83	17.99	17.99	17.93	18.8	1.5
15	256QAM	1	74	17.77	18.00	17.95	17.79		
15	256QAM	36	0	18.04	18.06	18.02	18.12		
15	256QAM	36	20	18.18	18.01	18.10	18.01	18.8	1.5
15	256QAM	36	39	18.06	18.23	18.03	17.93		
15	256QAM	75	0	18.02	17.99	18.16	18.02		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.43	19.39	19.20	19.25		
10	QPSK	1	25	19.43	19.20	19.09	19.20	20.3	0
10	QPSK	1	49	19.30	19.17	19.04	19.10		
10	QPSK	25	0	19.32	19.20	19.04	19.27		
10	QPSK	25	12	19.43	19.29	19.20	19.14	20.3	0
10	QPSK	25	25	19.33	19.21	19.19	19.21		
10	QPSK	50	0	19.32	19.23	19.03	19.34		
10	16QAM	1	0	19.38	19.21	19.16	19.35		
10	16QAM	1	25	19.34	19.22	19.01	19.18	20.3	0
10	16QAM	1	49	19.39	19.36	18.99	19.30		
10	16QAM	25	0	19.30	19.36	19.01	19.26		
10	16QAM	25	12	19.40	19.17	19.05	19.35	20.3	0
10	16QAM	25	25	19.39	19.25	19.09	19.27		
10	16QAM	50	0	19.37	19.13	19.12	19.23		
10	64QAM	1	0	19.39	19.23	19.14	19.24		
10	64QAM	1	25	19.38	19.15	19.08	19.23	20.3	0
10	64QAM	1	49	19.31	19.14	19.04	19.34		
10	64QAM	25	0	19.28	19.16	19.17	19.24		
10	64QAM	25	12	19.36	19.34	19.06	19.18	20.3	0
10	64QAM	25	25	19.36	19.22	19.10	19.20		
10	64QAM	50	0	19.35	19.16	19.13	19.18		
10	256QAM	1	0	17.90	18.01	17.95	17.92		
10	256QAM	1	25	17.88	18.01	17.99	17.87	18.8	1.5
10	256QAM	1	49	17.84	17.97	17.99	17.72		
10	256QAM	25	0	18.11	18.00	18.08	18.14		
10	256QAM	25	12	18.15	18.08	18.04	18.04	18.8	1.5
10	256QAM	25	25	18.06	18.20	18.13	17.97		
10	256QAM	50	0	18.04	18.17	18.17	18.02		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	19.36	19.48	19.20	19.34		
5	QPSK	1	12	19.32	19.27	19.04	19.25	20.3	0
5	QPSK	1	24	19.33	19.24	19.06	19.15		
5	QPSK	12	0	19.30	19.29	19.05	19.23		
5	QPSK	12	7	19.34	19.25	19.19	19.12	20.3	0
5	QPSK	12	13	19.28	19.21	19.10	19.20		
5	QPSK	25	0	19.31	19.17	19.01	19.30		
5	16QAM	1	0	19.37	19.21	19.20	19.28		
5	16QAM	1	12	19.29	19.25	19.03	19.16	20.3	0
5	16QAM	1	24	19.35	19.28	19.03	19.29		
5	16QAM	12	0	19.38	19.26	19.08	19.27		
5	16QAM	12	7	19.40	19.13	19.09	19.25	20.3	0
5	16QAM	12	13	19.45	19.18	19.05	19.13		
5	16QAM	25	0	19.33	19.13	19.06	19.26		
5	64QAM	1	0	19.37	19.18	19.15	19.24		
5	64QAM	1	12	19.33	19.14	19.11	19.13	20.3	0
5	64QAM	1	24	19.37	19.13	19.14	19.17		
5	64QAM	12	0	19.25	19.15	19.22	19.28		
5	64QAM	12	7	19.32	19.24	19.10	19.24	20.3	0
5	64QAM	12	13	19.26	19.20	19.01	19.21		
5	64QAM	25	0	19.32	19.22	19.03	19.19		
5	256QAM	1	0	18.00	17.98	17.93	17.89		
5	256QAM	1	12	17.85	18.07	18.01	17.99	18.8	1.5
5	256QAM	1	24	17.85	18.04	17.99	17.72		
5	256QAM	12	0	18.13	18.00	18.09	18.13		
5	256QAM	12	7	18.13	18.10	18.11	18.03	18.8	1.5
5	256QAM	12	13	18.10	18.10	18.13	17.93		
5	256QAM	25	0	18.00	18.09	18.22	18.08		

Band 48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.70	18.84	18.75	18.74		
20	QPSK	1	49	18.68	18.72	18.71	18.65	19	0
20	QPSK	1	99	18.68	18.59	18.71	18.71		
20	QPSK	50	0	18.61	18.72	18.68	18.70		
20	QPSK	50	24	18.56	18.61	18.67	18.61	19	0
20	QPSK	50	50	18.55	18.66	18.66	18.61		
20	QPSK	100	0	18.57	18.70	18.68	18.62		
20	16QAM	1	0	18.57	18.62	18.72	18.73		
20	16QAM	1	49	18.64	18.63	18.71	18.69	19	0
20	16QAM	1	99	18.68	18.63	18.72	18.68		
20	16QAM	50	0	18.55	18.64	18.70	18.66		
20	16QAM	50	24	18.64	18.61	18.71	18.70	19	0
20	16QAM	50	50	18.55	18.61	18.66	18.64		
20	16QAM	100	0	18.59	18.64	18.73	18.67		
20	64QAM	1	0	18.64	18.62	18.70	18.65		
20	64QAM	1	49	18.68	18.68	18.68	18.67	19	0
20	64QAM	1	99	18.56	18.73	18.74	18.72		
20	64QAM	50	0	17.76	17.89	17.80	17.89		
20	64QAM	50	24	17.89	17.79	17.74	17.87	18	1
20	64QAM	50	50	17.71	17.77	17.79	17.80		
20	64QAM	100	0	17.82	17.85	17.76	17.72		
20	256QAM	1	0	15.80	15.72	15.59	15.65		
20	256QAM	1	49	15.70	15.89	15.76	15.76	16	3
20	256QAM	1	99	15.53	15.69	15.58	15.59		
20	256QAM	50	0	15.85	15.87	15.72	15.79		
20	256QAM	50	24	15.85	15.93	15.80	15.82	16	3
20	256QAM	50	50	15.74	15.86	15.84	15.66		
20	256QAM	100	0	15.88	15.81	15.76	15.76		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.55	18.82	18.73	18.59		
15	QPSK	1	37	18.67	18.57	18.61	18.61	19	0
15	QPSK	1	74	18.58	18.46	18.67	18.57		
15	QPSK	36	0	18.42	18.59	18.55	18.55		
15	QPSK	36	20	18.56	18.64	18.62	18.65	19	0
15	QPSK	36	39	18.42	18.65	18.64	18.56		
15	QPSK	75	0	18.50	18.53	18.62	18.55		
15	16QAM	1	0	18.47	18.49	18.69	18.71		
15	16QAM	1	37	18.54	18.62	18.67	18.63	19	0
15	16QAM	1	74	18.62	18.51	18.58	18.63		
15	16QAM	36	0	18.47	18.51	18.68	18.53		
15	16QAM	36	20	18.54	18.46	18.63	18.64	19	0
15	16QAM	36	39	18.40	18.49	18.57	18.57		
15	16QAM	75	0	18.46	18.61	18.63	18.52		
15	64QAM	1	0	18.59	18.51	18.62	18.58		
15	64QAM	1	37	18.67	18.59	18.67	18.60	19	0
15	64QAM	1	74	18.41	18.66	18.68	18.64		
15	64QAM	36	0	17.69	17.83	17.66	17.86		
15	64QAM	36	20	17.83	17.65	17.69	17.72	18	1
15	64QAM	36	39	17.83	17.70	17.67	17.72		
15	64QAM	75	0	17.72	17.79	17.63	17.67		
15	256QAM	1	0	15.69	15.57	15.54	15.56		
15	256QAM	1	37	15.65	15.74	15.69	15.63	16	3
15	256QAM	1	74	15.43	15.60	15.44	15.53		
15	256QAM	36	0	15.82	15.82	15.62	15.77		
15	256QAM	36	20	15.70	15.90	15.74	15.67	16	3
15	256QAM	36	39	15.73	15.74	15.70	15.55		
15	256QAM	75	0	15.76	15.73	15.73	15.61		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.63	18.73	18.67	18.67		
10	QPSK	1	25	18.56	18.64	18.63	18.51	19	0
10	QPSK	1	49	18.53	18.58	18.68	18.56		
10	QPSK	25	0	18.52	18.59	18.60	18.54		
10	QPSK	25	12	18.49	18.66	18.64	18.60	19	0
10	QPSK	25	25	18.41	18.52	18.54	18.53		
10	QPSK	50	0	18.48	18.49	18.57	18.56		
10	16QAM	1	0	18.49	18.58	18.60	18.65		
10	16QAM	1	25	18.56	18.48	18.68	18.63	19	0
10	16QAM	1	49	18.57	18.52	18.71	18.64		
10	16QAM	25	0	18.53	18.50	18.64	18.58		
10	16QAM	25	12	18.51	18.58	18.66	18.68	19	0
10	16QAM	25	25	18.50	18.55	18.65	18.63		
10	16QAM	50	0	18.44	18.63	18.68	18.55		
10	64QAM	1	0	18.62	18.54	18.67	18.59		
10	64QAM	1	25	18.59	18.57	18.53	18.66	19	0
10	64QAM	1	49	18.47	18.62	18.67	18.70		
10	64QAM	25	0	17.77	17.75	17.70	17.74		
10	64QAM	25	12	17.81	17.67	17.72	17.79	18	1
10	64QAM	25	25	17.82	17.73	17.71	17.73		
10	64QAM	50	0	17.73	17.75	17.69	17.61		
10	256QAM	1	0	15.69	15.59	15.52	15.61		
10	256QAM	1	25	15.63	15.87	15.66	15.75	16	3
10	256QAM	1	49	15.47	15.64	15.45	15.48		
10	256QAM	25	0	15.74	15.85	15.70	15.65		
10	256QAM	25	12	15.71	15.80	15.66	15.81	16	3
10	256QAM	25	25	15.71	15.83	15.75	15.83		
10	256QAM	50	0	15.76	15.75	15.77	15.64		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	18.57	18.74	18.62	18.72		
5	QPSK	1	12	18.59	18.65	18.63	18.64	19	0
5	QPSK	1	24	18.54	18.49	18.57	18.68		
5	QPSK	12	0	18.41	18.52	18.63	18.59		
5	QPSK	12	7	18.60	18.67	18.70	18.68	19	0
5	QPSK	12	13	18.46	18.57	18.65	18.50		
5	QPSK	25	0	18.46	18.47	18.57	18.55		
5	16QAM	1	0	18.48	18.53	18.70	18.69		
5	16QAM	1	12	18.55	18.58	18.59	18.56	19	0
5	16QAM	1	24	18.61	18.48	18.69	18.56		
5	16QAM	12	0	18.52	18.49	18.58	18.63		
5	16QAM	12	7	18.63	18.47	18.63	18.65	19	0
5	16QAM	12	13	18.40	18.51	18.55	18.49		
5	16QAM	25	0	18.54	18.55	18.64	18.66		
5	64QAM	1	0	18.58	18.49	18.65	18.50		
5	64QAM	1	12	18.58	18.55	18.59	18.54	19	0
5	64QAM	1	24	18.51	18.68	18.70	18.57		
5	64QAM	12	0	17.63	17.86	17.76	17.75		
5	64QAM	12	7	17.79	17.72	17.67	17.85	18	1
5	64QAM	12	13	17.61	17.72	17.68	17.76		
5	64QAM	25	0	17.76	17.75	17.71	17.58		
5	256QAM	1	0	15.69	15.65	15.54	15.62		
5	256QAM	1	12	15.63	15.75	15.63	15.70	16	3
5	256QAM	1	24	15.45	15.59	15.44	15.46		
5	256QAM	12	0	15.81	15.78	15.69	15.73		
5	256QAM	12	7	15.78	15.90	15.75	15.68	16	3
5	256QAM	12	13	15.73	15.82	15.70	15.58		
5	256QAM	25	0	15.77	15.70	15.65	15.66		

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.06	20.20	20.16	19.96		
20	QPSK	1	49	20.04	20.14	20.10	19.92	20.3	0
20	QPSK	1	99	19.95	20.02	19.95	19.81		
20	QPSK	50	0	19.14	19.18	19.05	19.08		
20	QPSK	50	24	19.12	19.15	19.04	18.91	19.3	1
20	QPSK	50	50	19.04	19.13	19.00	19.02		
20	QPSK	100	0	19.11	19.12	19.02	18.99		
20	16QAM	1	0	19.05	19.07	19.03	18.93		
20	16QAM	1	49	19.04	19.07	18.94	18.95	19.3	1
20	16QAM	1	99	18.87	19.00	18.92	18.78		
20	16QAM	50	0	18.05	18.17	18.07	17.97		
20	16QAM	50	24	17.99	18.14	18.01	17.89	18.3	2
20	16QAM	50	50	18.02	18.09	17.95	17.85		
20	16QAM	100	0	17.96	18.11	18.03	17.94		
20	64QAM	1	0	18.12	18.23	18.17	18.00		
20	64QAM	1	49	18.04	18.18	18.08	18.03	18.3	2
20	64QAM	1	99	18.04	18.09	18.06	17.88		
20	64QAM	50	0	17.14	17.17	17.02	17.06		
20	64QAM	50	24	17.09	17.15	17.09	16.97	17.3	3
20	64QAM	50	50	17.08	17.13	17.09	16.97		
20	64QAM	100	0	17.05	17.12	16.97	16.95		
20	256QAM	1	0	15.02	15.05	14.98	14.82		
20	256QAM	1	49	15.02	15.13	14.98	14.92	15.3	5
20	256QAM	1	99	14.91	14.98	14.90	14.87		
20	256QAM	50	0	15.13	15.23	15.17	14.98		
20	256QAM	50	24	15.20	15.21	15.12	14.96	15.3	5
20	256QAM	50	50	15.08	15.17	15.15	14.98		
20	256QAM	100	0	15.13	15.18	15.14	14.95		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.08	20.04	20.02	19.88		
15	QPSK	1	37	20.12	20.01	19.96	19.78	20.3	0
15	QPSK	1	74	19.96	19.81	19.90	19.67		
15	QPSK	36	0	19.07	19.01	18.93	19.01		
15	QPSK	36	20	19.14	19.07	19.01	18.82	19.3	1
15	QPSK	36	39	19.06	18.99	18.88	18.97		
15	QPSK	75	0	19.05	19.03	18.97	18.85		
15	16QAM	1	0	19.04	18.96	18.96	18.84		
15	16QAM	1	37	19.00	19.02	18.82	18.86	19.3	1
15	16QAM	1	74	18.96	18.74	18.90	18.76		
15	16QAM	36	0	18.07	17.91	17.99	17.95		
15	16QAM	36	20	18.01	17.98	17.94	17.87	18.3	2
15	16QAM	36	39	18.04	17.94	17.88	17.84		
15	16QAM	75	0	18.02	17.94	17.89	17.91		
15	64QAM	1	0	18.18	18.10	18.05	17.98		
15	64QAM	1	37	18.03	18.03	18.06	18.02	18.3	2
15	64QAM	1	74	17.94	17.92	17.91	17.73		
15	64QAM	36	0	17.05	17.06	16.90	16.91		
15	64QAM	36	20	17.04	16.94	16.98	16.92	17.3	3
15	64QAM	36	39	17.06	17.00	16.99	16.91		
15	64QAM	75	0	17.02	16.97	16.93	16.94		
15	256QAM	1	0	14.90	14.97	14.96	14.75		
15	256QAM	1	37	15.11	14.99	14.95	14.82	15.3	5
15	256QAM	1	74	14.90	14.85	14.84	14.84		
15	256QAM	36	0	15.22	15.10	15.10	14.89		
15	256QAM	36	20	15.06	15.05	15.02	14.86	15.3	5
15	256QAM	36	39	15.12	14.96	15.08	14.87		
15	256QAM	75	0	15.06	15.02	15.10	14.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.13	20.03	20.13	19.92		
10	QPSK	1	25	20.03	19.90	19.95	19.80	20.3	0
10	QPSK	1	49	19.95	19.84	19.87	19.77		
10	QPSK	25	0	19.17	19.13	18.99	19.01		
10	QPSK	25	12	19.05	19.11	18.98	18.85	19.3	1
10	QPSK	25	25	19.04	18.90	18.88	18.88		
10	QPSK	50	0	19.00	19.04	18.95	18.94		
10	16QAM	1	0	18.93	18.96	19.01	18.83		
10	16QAM	1	25	19.01	18.99	18.88	18.80	19.3	1
10	16QAM	1	49	18.85	18.84	18.90	18.76		
10	16QAM	25	0	18.03	17.92	17.97	17.96		
10	16QAM	25	12	18.01	17.85	17.97	17.77	18.3	2
10	16QAM	25	25	18.01	17.96	17.93	17.73		
10	16QAM	50	0	17.99	17.90	17.91	17.82		
10	64QAM	1	0	18.20	18.10	18.13	17.89		
10	64QAM	1	25	18.05	17.97	17.94	17.88	18.3	2
10	64QAM	1	49	18.07	18.03	17.96	17.82		
10	64QAM	25	0	17.13	17.06	16.89	16.90		
10	64QAM	25	12	17.07	17.07	16.99	16.87	17.3	3
10	64QAM	25	25	16.98	16.94	16.98	16.95		
10	64QAM	50	0	17.09	16.91	16.92	16.91		
10	256QAM	1	0	15.03	14.90	14.89	14.74		
10	256QAM	1	25	15.05	14.99	14.92	14.83	15.3	5
10	256QAM	1	49	14.97	14.88	14.77	14.76		
10	256QAM	25	0	15.20	15.01	15.15

Reduced Power Mode for DSI 5

GSM850_Ant 1		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		33.01	32.80	33.05	**34.00**	24.01	23.80	24.05	**25.00**
GPRS 1 Tx slot		32.92	32.81	32.96	**34.00**	23.92	23.81	23.96	**25.00**
GPRS 2 Tx slots		29.79	29.81	29.89	**31.00**	23.79	23.81	23.89	**25.00**
GPRS 3 Tx slots		27.96	28.01	28.03	**29.20**	23.70	23.75	23.77	**24.94**
GPRS 4 Tx slots		26.71	26.82	26.79	**28.50**	23.71	23.82	23.79	**25.50**
EDGE(GMSK 1 Tx slot)		32.91	32.77	32.85	**34.00**	23.91	23.77	23.85	**25.00**
EDGE(GMSK 2 Tx slot)		29.78	29.83	29.82	**31.00**	23.78	23.83	23.82	**25.00**
EDGE(GMSK 3 Tx slot)		27.95	27.98	27.98	**29.20**	23.69	23.72	23.72	**24.94**
EDGE(GMSK 4 Tx slot)		26.72	26.77	26.78	**28.50**	23.72	23.77	23.78	**25.50**
EDGE(8PSK1 Tx slot)		26.77	27.01	27.17	**28.00**	17.77	18.01	18.17	**19.00**
EDGE(8PSK 2 Tx slot)		23.98	23.97	23.71	**25.00**	17.68	17.97	17.71	**19.00**
EDGE(8PSK 3 Tx slot)		21.82	22.16	22.47	**23.20**	17.58	17.90	18.21	**18.94**
EDGE(8PSK 4 Tx slot)		20.88	21.24	21.51	**22.50**	17.88	18.24	18.51	**19.50**
DTM Multi-slot class 5	GSM 1 Tx slot	29.77	29.68	29.77	**31.00**	23.71	23.66	23.73	**24.98**
	GPRS 1 Tx slot	29.69	29.59	29.74	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.70	29.68	29.88	**31.00**	23.67	23.70	23.82	**24.98**
	GPRS 1 Tx slot	29.69	29.77	29.81	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.98	27.92	27.93	**29.20**	23.64	23.71	23.70	**24.94**
	GPRS 2 Tx slots	27.91	27.99	27.97	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.64	29.74	29.83	**31.00**	21.58	21.71	21.74	**22.94**
	EDGE 1 Tx slot	23.64	23.90	23.66	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.68	29.71	29.85	**31.00**	21.60	21.70	21.74	**22.94**
	EDGE 1 Tx slot	23.58	23.92	23.60	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.91	27.90	27.93	**29.20**	20.59	20.68	20.84	**21.94**
	EDGE 2 Tx slots	21.75	22.04	22.42	**23.20**				

GSM1900_Ant 4		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		26.74	26.66	26.57	**27.70**	17.74	17.66	17.57	**18.70**
GPRS 1 Tx slot		26.83	26.81	26.68	**27.70**	17.83	17.81	17.68	**18.70**
GPRS 2 Tx slots		24.18	24.08	24.15	**24.70**	18.18	18.08	18.15	**18.70**
GPRS 3 Tx slots		22.07	22.00	22.07	**22.70**	17.81	17.74	17.81	**18.44**
GPRS 4 Tx slots		20.48	20.44	20.49	**21.70**	17.48	17.44	17.49	**18.70**
EDGE(GMSK 1 Tx slot)		26.77	26.76	26.55	**27.70**	17.77	17.76	17.55	**18.70**
EDGE(GMSK 2 Tx slot)		24.17	24.01	24.14	**24.70**	18.17	18.01	18.14	**18.70**
EDGE(GMSK 3 Tx slot)		21.97	21.88	21.95	**22.70**	17.71	17.62	17.69	**18.44**
EDGE(GMSK 4 Tx slot)		20.35	20.48	20.43	**21.70**	17.35	17.48	17.43	**18.70**
EDGE(8PSK1 Tx slot)		25.57	25.68	25.75	**26.50**	16.57	16.68	16.75	**17.50**
EDGE(8PSK 2 Tx slot)		22.85	22.73	22.86	**24.00**	16.85	16.73	16.86	**18.00**
EDGE(8PSK 3 Tx slot)		21.83	21.94	21.79	**22.80**	17.57	17.68	17.53	**18.54**
EDGE(8PSK 4 Tx slot)		20.61	20.73	20.70	**21.50**	17.61	17.73	17.70	**18.50**
DTM Multi-slot class 5	GSM 1 Tx slot	24.15	23.96	24.09	**24.70**	18.09	17.99	18.08	**18.68**
	GPRS 1 Tx slot	24.07	24.07	24.11	**24.70**				
DTM Multi-slot class 9	GSM 1 Tx slot	24.13	23.99	24.03	**24.70**	18.07	17.94	18.04	**18.68**
	GPRS 1 Tx slot	24.05	23.94	24.09	**24.70**				
DTM Multi-slot class 11	GSM 1 Tx slot	21.93	21.99	21.94	**22.70**	17.74	17.67	17.70	**18.44**
	GPRS 2 Tx slots	22.03	21.90	21.97	**22.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	24.10	24.06	24.00	**24.70**	17.54	17.48	17.49	**18.34**
	EDGE 1 Tx slot	22.95	22.86	22.96	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	24.11	23.95	24.13	**24.70**	17.57	17.43	17.62	**18.34**
	EDGE 1 Tx slot	23.00	22.89	23.09	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	21.99	21.89	21.94	**22.70**	17.55	17.63	17.53	**18.51**
	EDGE 2 Tx slots	21.72	21.89	21.72	**22.80**				

GSM1900_Ant 6		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		23.86	23.91	24.06	**25.20**	14.86	14.91	15.06	**16.20**
GPRS 1 Tx slot		23.87	23.95	24.15	**25.20**	14.87	14.95	15.15	**16.20**
GPRS 2 Tx slots		21.29	21.21	21.41	**22.20**	15.29	15.21	15.41	**16.20**
GPRS 3 Tx slots		19.18	19.31	19.37	**20.20**	14.92	15.05	15.11	**15.94**
GPRS 4 Tx slots		17.94	18.13	18.25	**19.20**	14.94	15.13	15.25	**16.20**
EDGE(GMSK 1 Tx slot)		23.73	23.92	24.00	**25.20**	14.73	14.92	15.00	**16.20**
EDGE(GMSK 2 Tx slot)		21.16	21.08	21.35	**22.20**	15.16	15.08	15.35	**16.20**
EDGE(GMSK 3 Tx slot)		19.06	19.20	19.25	**20.20**	14.80	14.94	14.99	**15.94**
EDGE(GMSK 4 Tx slot)		17.83	18.08	17.92	**19.20**	14.83	15.08	14.92	**16.20**
EDGE(8PSK1 Tx slot)		23.94	24.05	24.06	**25.00**	14.94	15.05	15.06	**16.00**
EDGE(8PSK 2 Tx slot)		20.89	20.71	20.91	**22.00**	14.89	14.71	14.91	**16.00**
EDGE(8PSK 3 Tx slot)		19.28	19.65	19.48	**20.00**	15.02	15.39	15.22	**15.74**
EDGE(8PSK 4 Tx slot)		18.34	18.15	18.06	**19.00**	15.34	15.15	15.06	**16.00**
DTM Multi-slot class 5	GSM 1 Tx slot	21.18	21.19	21.34	**22.20**	15.15	15.17	15.31	**16.18**
	GPRS 1 Tx slot	21.18	21.19	21.32	**22.20**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.14	21.18	21.37	**22.20**	15.14	15.12	15.31	**16.18**
	GPRS 1 Tx slot	21.19	21.10	21.29	**22.20**				
DTM Multi-slot class 11	GSM 1 Tx slot	19.12	19.18	19.35	**20.20**	14.85	14.91	15.04	**15.94**
	GPRS 2 Tx slots	19.10	19.16	19.28	**20.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	21.28	21.11	21.32	**22.20**	15.04	14.88	15.06	**16.08**
	EDGE 1 Tx slot	20.82	20.69	20.82	**22.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	21.16	21.16	21.26	**22.20**	14.97	14.89	15.05	**16.08**
	EDGE 1 Tx slot	20.81	20.65	20.88	**22.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	19.06	19.16	19.32	**20.20**	14.90	15.21	15.10	**15.81**
	EDGE 2 Tx slots	19.21	19.61	19.38	**20.00**				

Band		WCDMA II_Ant 4			Tune-up Limit	WCDMA II_Ant 6			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	9262	9400	9538	(dBm)
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	17.72	17.66	17.59	**17.80**	18.09	18.14	17.91	**18.30**
3GPP Rel 99	RMC 12.2Kbps	17.77	17.78	17.74	**17.80**	18.16	18.18	18.05	**18.30**
3GPP Rel 6	HSDPA Subtest-1	16.90	16.96	16.82	**17.80**	17.29	17.35	17.18	**18.30**
3GPP Rel 6	HSDPA Subtest-2	16.90	16.92	16.83	**17.80**	17.31	17.33	17.16	**18.30**
3GPP Rel 6	HSDPA Subtest-3	16.41	16.41	16.31	**17.30**	16.82	16.85	16.69	**17.80**
3GPP Rel 6	HSDPA Subtest-4	16.41	16.45	16.33	**17.30**	16.84	16.85	16.68	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-1	16.87	16.82	16.69	**17.80**	17.15	17.28	17.09	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-2	16.75	16.87	16.75	**17.80**	17.23	17.21	17.01	**18.30**
3GPP Rel 8	DC-HSDPA Subtest-3	16.28	16.38	16.17	**17.30**	16.81	16.84	16.66	**17.80**
3GPP Rel 8	DC-HSDPA Subtest-4	16.27	16.31	16.27	**17.30**	16.74	16.71	16.53	**17.80**
3GPP Rel 6	HSUPA Subtest-1	16.81	16.94	16.77	**17.80**	17.28	17.35	17.23	**18.30**
3GPP Rel 6	HSUPA Subtest-2	14.82	14.95	14.79	**15.80**	15.35	15.39	15.14	**16.30**
3GPP Rel 6	HSUPA Subtest-3	15.86	15.93	15.79	**16.80**	16.28	16.44	16.19	**17.30**
3GPP Rel 6	HSUPA Subtest-4	14.86	14.79	14.79	**15.80**	15.33	15.38	15.18	**16.30**
3GPP Rel 6	HSUPA Subtest-5	16.80	17.00	16.80	**17.80**	17.20	17.40	17.20	**18.30**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.73	14.89	14.69	**15.30**	15.34	15.35	15.00	**15.80**

Band		WCDMA IV_Ant 4			Tune-up Limit	WCDMA IV_Ant 6			Tune-up Limit
TX Channel		1312	1413	1513	(dBm)	1312	1413	1513	(dBm)
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	17.87	17.85	17.84	**18.50**	15.51	15.52	15.54	**16.50**
3GPP Rel 99	RMC 12.2Kbps	17.88	18.00	17.95	**18.50**	15.62	15.68	15.54	**16.50**
3GPP Rel 6	HSDPA Subtest-1	17.15	16.98	17.03	**17.50**	14.96	14.83	14.93	**15.50**
3GPP Rel 6	HSDPA Subtest-2	17.15	16.86	17.09	**17.50**	14.86	14.73	14.92	**15.50**
3GPP Rel 6	HSDPA Subtest-3	16.69	16.42	16.48	**17.00**	13.95	14.27	14.45	**15.00**
3GPP Rel 6	HSDPA Subtest-4	16.55	16.54	16.54	**17.00**	14.11	14.35	14.41	**15.00**
3GPP Rel 8	DC-HSDPA Subtest-1	16.41	16.43	16.40	**17.50**	14.28	14.41	14.27	**15.50**
3GPP Rel 8	DC-HSDPA Subtest-2	16.43	16.45	16.50	**17.50**	14.28	14.44	14.30	**15.50**
3GPP Rel 8	DC-HSDPA Subtest-3	15.95	16.00	15.96	**17.00**	13.79	13.84	13.73	**15.00**
3GPP Rel 8	DC-HSDPA Subtest-4	16.02	16.10	15.91	**17.00**	13.91	13.94	13.81	**15.00**
3GPP Rel 6	HSUPA Subtest-1	16.91	17.08	16.90	**17.50**	14.96	14.86	14.94	**15.50**
3GPP Rel 6	HSUPA Subtest-2	14.80	14.94	14.82	**15.50**	12.78	12.88	12.91	**13.50**
3GPP Rel 6	HSUPA Subtest-3	15.91	15.94	15.82	**16.50**	13.96	13.79	13.94	**14.50**
3GPP Rel 6	HSUPA Subtest-4	14.89	15.00	14.94	**15.50**	12.89	12.81	12.87	**13.50**
3GPP Rel 6	HSUPA Subtest-5	16.95	17.04	16.83	**17.50**	15.04	14.83	15.11	**15.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.72	14.76	14.83	**15.00**	12.70	12.76	12.90	**13.00**

Band		WCDMA V_Ant 1			Tune-up Limit	WCDMA V_Ant 0			Tune-up Limit
TX Channel		4132	4182	4233	(dBm)	4132	4182	4233	(dBm)
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	24.27	24.22	24.25	**25.00**	23.46	23.43	23.43	**24.10**
3GPP Rel 99	RMC 12.2Kbps	24.35	24.36	24.22	**25.00**	23.45	23.52	23.44	**24.10**
3GPP Rel 6	HSDPA Subtest-1	23.36	23.27	23.29	**24.00**	22.47	22.42	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-2	23.36	23.23	23.27	**24.00**	22.52	22.45	22.42	**23.10**
3GPP Rel 6	HSDPA Subtest-3	22.88	22.76	22.79	**23.50**	22.05	21.94	21.96	**22.60**
3GPP Rel 6	HSDPA Subtest-4	22.90	22.80	22.78	**23.50**	22.06	21.95	21.93	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-1	23.04	23.19	23.09	**24.00**	22.00	22.03	21.95	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.21	23.07	**24.00**	21.95	22.08	21.93	**23.10**
3GPP Rel 8	DC-HSDPA Subtest-3	22.59	22.73	22.69	**23.50**	21.50	21.51	21.41	**22.60**
3GPP Rel 8	DC-HSDPA Subtest-4	22.69	22.71	22.60	**23.50**	21.53	21.55	21.43	**22.60**
3GPP Rel 6	HSUPA Subtest-1	23.33	23.27	23.30	**24.00**	22.50	22.41	22.45	**23.10**
3GPP Rel 6	HSUPA Subtest-2	21.32	21.26	21.29	**22.00**	20.46	20.40	20.46	**21.10**
3GPP Rel 6	HSUPA Subtest-3	22.27	22.26	21.28	**23.00**	21.45	21.44	21.43	**22.10**
3GPP Rel 6	HSUPA Subtest-4	21.29	21.26	21.29	**22.00**	20.45	20.44	20.43	**21.10**
3GPP Rel 6	HSUPA Subtest-5	23.30	23.30	23.30	**24.00**	22.40	22.40	22.50	**23.10**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.24	21.21	21.19	**21.50**	20.39	20.36	20.34	**20.60**

Band 2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
5	QPSK	1	0	17.56	17.57	17.43		
20	QPSK	1	0	17.46	17.51	17.40		
20	QPSK	1	49	17.44	17.56	17.38	17.8	0
20	QPSK	1	99	17.47	17.47	17.34		
20	QPSK	50	0	17.46	17.51	17.40		
20	QPSK	50	24	17.38	17.46	17.31	17.8	0
20	QPSK	50	50	17.41	17.47	17.32		
20	QPSK	100	0	17.40	17.48	17.35		
20	16QAM	1	0	17.54	17.44	17.41		
20	16QAM	1	49	17.43	17.53	17.35	17.8	0
20	16QAM	1	99	17.42	17.47	17.32		
20	16QAM	50	0	17.51	17.54	17.38		
20	16QAM	50	24	17.41	17.50	17.29	17.8	0
20	16QAM	50	50	17.50	17.52	17.39		
20	16QAM	100	0	17.51	17.54	17.31		
20	64QAM	1	0	17.44	17.45	17.38		
20	64QAM	1	49	17.48	17.48	17.30	17.8	0
20	64QAM	1	99	17.53	17.50	17.32		
20	64QAM	50	0	17.54	17.49	17.42		
20	64QAM	50	24	17.46	17.44	17.29	17.8	0
20	64QAM	50	50	17.46	17.47	17.33		
20	64QAM	100	0	17.54	17.54	17.35		
20	256QAM	1	0	17.49	17.49	17.35		
20	256QAM	1	49	17.45	17.48	17.28	17.8	0
20	256QAM	1	99	17.48	17.46	17.40		
20	256QAM	50	0	17.51	17.55	17.29		
20	256QAM	50	24	17.42	17.50	17.35	17.8	0
20	256QAM	50	50	17.52	17.53	17.37		
20	256QAM	100	0	17.43	17.52	17.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.43	17.56	17.28	17.8	0
15	QPSK	1	37	17.35	17.43	17.30		
15	QPSK	1	74	17.45	17.35	17.30		
15	QPSK	36	0	17.40	17.44	17.35		
15	QPSK	36	20	17.23	17.36	17.17	17.8	0
15	QPSK	36	39	17.35	17.40	17.26		
15	QPSK	75	0	17.37	17.37	17.31		
15	16QAM	1	0	17.52	17.33	17.27		
15	16QAM	1	37	17.38	17.47	17.22	17.8	0
15	16QAM	1	74	17.27	17.46	17.20		
15	16QAM	36	0	17.47	17.36	17.21		
15	16QAM	36	20	17.32	17.41	17.16	17.8	0
15	16QAM	36	39	17.41	17.51	17.28		
15	16QAM	75	0	17.45	17.44	17.23		
15	64QAM	1	0	17.43	17.43	17.26		
15	64QAM	1	37	17.38	17.44	17.17	17.8	0
15	64QAM	1	74	17.41	17.42	17.18		
15	64QAM	36	0	17.49	17.39	17.33		
15	64QAM	36	20	17.32	17.34	17.27	17.8	0
15	64QAM	36	39	17.34	17.37	17.22		
15	64QAM	75	0	17.40	17.48	17.23		
15	256QAM	1	0	17.40	17.43	17.25		
15	256QAM	1	37	17.40	17.43	17.25	17.8	0
15	256QAM	1	74	17.35	17.31	17.27		
15	256QAM	36	0	17.36	17.52	17.18		
15	256QAM	36	20	17.39	17.49	17.32	17.8	0
15	256QAM	36	39	17.37	17.51	17.26		
15	256QAM	75	0	17.42	17.43	17.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.51	17.45	17.36		
10	QPSK	1	25	17.36	17.41	17.35	17.8	0
10	QPSK	1	49	17.39	17.45	17.21		
10	QPSK	25	0	17.31	17.38	17.25		
10	QPSK	25	12	17.35	17.41	17.28	17.8	0
10	QPSK	25	25	17.32	17.36	17.19		
10	QPSK	50	0	17.28	17.39	17.20		
10	16QAM	1	0	17.46	17.35	17.37		
10	16QAM	1	25	17.36	17.38	17.28	17.8	0
10	16QAM	1	49	17.33	17.41	17.19		
10	16QAM	25	0	17.49	17.37	17.34		
10	16QAM	25	12	17.37	17.47	17.17	17.8	0
10	16QAM	25	25	17.36	17.38	17.27		
10	16QAM	50	0	17.42	17.39	17.25		
10	64QAM	1	0	17.29	17.40	17.37		
10	64QAM	1	25	17.41	17.44	17.29	17.8	0
10	64QAM	1	49	17.39	17.38	17.30		
10	64QAM	25	0	17.46	17.41	17.38		
10	64QAM	25	12	17.37	17.38	17.14	17.8	0
10	64QAM	25	25	17.45	17.38	17.25		
10	64QAM	50	0	17.42	17.44	17.20		
10	256QAM	1	0	17.46	17.36	17.23		
10	256QAM	1	25	17.30	17.43	17.27	17.8	0
10	256QAM	1	49	17.36	17.41	17.32		
10	256QAM	25	0	17.33	17.45	17.14		
10	256QAM	25	12	17.41	17.50	17.26	17.8	0
10	256QAM	25	25	17.38	17.48	17.33		
10	256QAM	50	0	17.40	17.46	17.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.44	17.50	17.33		
5	QPSK	1	12	17.43	17.49	17.35	17.8	0
5	QPSK	1	24	17.45	17.43	17.27		
5	QPSK	12	0	17.38	17.45	17.32		
5	QPSK	12	7	17.33	17.31	17.18	17.8	0
5	QPSK	12	13	17.33	17.32	17.19		
5	QPSK	25	0	17.30	17.39	17.20		
5	16QAM	1	0	17.47	17.42	17.40		
5	16QAM	1	12	17.34	17.49	17.31	17.8	0
5	16QAM	1	24	17.34	17.37	17.18		
5	16QAM	12	0	17.47	17.39	17.32		
5	16QAM	12	7	17.34	17.36	17.28	17.8	0
5	16QAM	12	13	17.41	17.43	17.19		
5	16QAM	25	0	17.34	17.35	17.23		
5	64QAM	1	0	17.34	17.35	17.23		
5	64QAM	1	12	17.41	17.42	17.23	17.8	0
5	64QAM	1	24	17.47	17.42	17.18		
5	64QAM	12	0	17.53	17.44	17.41		
5	64QAM	12	7	17.34	17.34	17.28	17.8	0
5	64QAM	12	13	17.36	17.44	17.19		
5	64QAM	25	0	17.40	17.44	17.32		
5	256QAM	1	0	17.48	17.44	17.32		
5	256QAM	1	12	17.34	17.40	17.16	17.8	0
5	256QAM	1	24	17.44	17.38	17.39		
5	256QAM	12	0	17.42	17.45	17.28		
5	256QAM	12	7	17.37	17.45	17.29	17.8	0
5	256QAM	12	13	17.40	17.45	17.28		
5	256QAM	25	0	17.42	17.40	17.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.41	17.56	17.34		
3	QPSK	1	8	17.41	17.48	17.28	17.8	0
3	QPSK	1	14	17.38	17.48	17.26		
3	QPSK	8	0	17.45	17.40	17.26		
3	QPSK	8	4	17.37	17.36	17.27	17.8	0
3	QPSK	8	7	17.33	17.45	17.26		
3	QPSK	15	0	17.35	17.37	17.22		
3	16QAM	1	0	17.53	17.36	17.33		
3	16QAM	1	8	17.36	17.47	17.26	17.8	0
3	16QAM	1	14	17.29	17.45	17.31		
3	16QAM	8	0	17.42	17.42	17.33		
3	16QAM	8	4	17.29	17.49	17.26	17.8	0
3	16QAM	8	7	17.38	17.41	17.34		
3	16QAM	15	0	17.45	17.45	17.23		
3	64QAM	1	0	17.29	17.40	17.36		
3	64QAM	1	8	17.33	17.33	17.17	17.8	0
3	64QAM	1	14	17.52	17.35	17.23		
3	64QAM	8	0	17.50	17.38	17.32		
3	64QAM	8	4	17.36	17.40	17.18	17.8	0
3	64QAM	8	7	17.39	17.41	17.24		
3	64QAM	15	0	17.45	17.51	17.24		
3	256QAM	1	0	17.41	17.45	17.24		
3	256QAM	1	8	17.39	17.36	17.16	17.8	0
3	256QAM	1	14	17.44	17.41	17.29		
3	256QAM	8	0	17.36	17.46	17.14		
3	256QAM	8	4	17.38	17.38	17.27	17.8	0
3	256QAM	8	7	17.39	17.46	17.31		
3	256QAM	15	0	17.31	17.40	17.25		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.50	17.49	17.41		
1.4	QPSK	1	3	17.39	17.49	17.35		
1.4	QPSK	1	5	17.42	17.43	17.33	17.8	0
1.4	QPSK	3	0	17.35	17.42	17.26		
1.4	QPSK	3	1	17.29	17.33	17.28		
1.4	QPSK	3	3	17.27	17.34	17.21		
1.4	QPSK	6	0	17.35	17.42	17.22	17.8	0
1.4	16QAM	1	0	17.39	17.40	17.41		
1.4	16QAM	1	3	17.29	17.44	17.34		
1.4	16QAM	1	5	17.28	17.34	17.27	17.8	0
1.4	16QAM	3	0	17.44	17.41	17.30		
1.4	16QAM	3	1	17.31	17.44	17.25		
1.4	16QAM	3	3	17.39	17.49	17.37		
1.4	16QAM	6	0	17.36	17.46	17.28	17.8	0
1.4	64QAM	1	0	17.31	17.37	17.33		
1.4	64QAM	1	3	17.46	17.39	17.16		
1.4	64QAM	1	5	17.51	17.37	17.28	17.8	0
1.4	64QAM	3	0	17.42	17.38	17.32		
1.4	64QAM	3	1	17.40	17.32	17.26		
1.4	64QAM	3	3	17.44	17.40	17.30		
1.4	64QAM	6	0	17.45	17.45	17.24	17.8	0
1.4	256QAM	1	0	17.42	17.41	17.33		
1.4	256QAM	1	3	17.32	17.33	17.22		
1.4	256QAM	1	5	17.33	17.33	17.25	17.8	0
1.4	256QAM	3	0	17.38	17.54	17.15		
1.4	256QAM	3	1	17.28	17.47	17.24		
1.4	256QAM	3	3	17.33	17.42	17.32		
1.4	256QAM	6	0	17.33	17.49	17.32	17.8	0

Band 2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.93	16.96	16.84		
20	QPSK	1	49	16.92	16.81	16.69	17.3	0
20	QPSK	1	99	16.83	16.85	16.77		
20	QPSK	50	0	16.88	16.91	16.73		
20	QPSK	50	24	16.79	16.87	16.69	17.3	0
20	QPSK	50	50	16.85	16.89	16.70		
20	QPSK	100	0	16.92	16.82	16.81		
20	16QAM	1	0	16.85	16.84	16.76		
20	16QAM	1	49	16.79	16.92	16.69	17.3	0
20	16QAM	1	99	16.88	16.86	16.73		
20	16QAM	50	0	16.78	16.87	16.82		
20	16QAM	50	24	16.82	16.87	16.75	17.3	0
20	16QAM	50	50	16.85	16.92	16.71		
20	16QAM	100	0	16.91	16.86	16.74		
20	64QAM	1	0	16.83	16.84	16.72		
20	64QAM	1	49	16.82	16.87	16.71	17.3	0
20	64QAM	1	99	16.87	16.93	16.83		
20	64QAM	50	0	16.88	16.95	16.82		
20	64QAM	50	24	16.82	16.87	16.82	17.3	0
20	64QAM	50	50	16.82	16.85	16.79		
20	64QAM	100	0	16.82	16.81	16.70		
20	256QAM	1	0	16.90	16.93	16.81		
20	256QAM	1	49	16.92	16.85	16.83	17.3	0
20	256QAM	1	99	16.78	16.88	16.73		
20	256QAM	50	0	16.84	16.81	16.78		
20	256QAM	50	24	16.82	16.90	16.72	17.3	0
20	256QAM	50	50	16.83	16.86	16.72		
20	256QAM	100	0	16.89	16.86	16.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.91	16.92	16.82		
15	QPSK	1	37	16.77	16.69	16.54	17.3	0
15	QPSK	1	74	16.81	16.76	16.72		
15	QPSK	36	0	16.73	16.86	16.75		
15	QPSK	36	20	16.68	16.84	16.55	17.3	0
15	QPSK	36	39	16.76	16.80	16.67		
15	QPSK	75	0	16.64	16.72	16.67		
15	16QAM	1	0	16.83	16.81	16.73		
15	16QAM	1	37	16.72	16.89	16.67	17.3	0
15	16QAM	1	74	16.77	16.75	16.64		
15	16QAM	36	0	16.67	16.77	16.71		
15	16QAM	36	20	16.81	16.78	16.62	17.3	0
15	16QAM	36	39	16.72	16.87	16.59		
15	16QAM	75	0	16.67	16.72	16.71		
15	64QAM	1	0	16.75	16.78	16.71		
15	64QAM	1	37	16.77	16.79	16.65	17.3	0
15	64QAM	1	74	16.80	16.91	16.72		
15	64QAM	36	0	16.75	16.87	16.76		
15	64QAM	36	20	16.71	16.86	16.71	17.3	0
15	64QAM	36	39	16.71	16.85	16.69		
15	64QAM	75	0	16.72	16.73	16.55		
15	256QAM	1	0	16.75	16.81	16.79		
15	256QAM	1	37	16.83	16.71	16.70	17.3	0
15	256QAM	1	74	16.71	16.73	16.68		
15	256QAM	36	0	16.79	16.80	16.75		
15	256QAM	36	20	16.78	16.84	16.59	17.3	0
15	256QAM	36	39	16.71	16.84	16.66		
15	256QAM	75	0	16.82	16.76	16.58		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.85	16.84	16.69		
10	QPSK	1	25	16.90	16.82	16.72	17.3	0
10	QPSK	1	49	16.75	16.70	16.69		
10	QPSK	25	0	16.75	16.88	16.72		
10	QPSK	25	12	16.69	16.85	16.55	17.3	0
10	QPSK	25	25	16.77	16.83	16.57		
10	QPSK	50	0	16.73	16.68	16.68		
10	16QAM	1	0	16.84	16.82	16.72		
10	16QAM	1	25	16.86	16.86	16.58	17.3	0
10	16QAM	1	49	16.83	16.72	16.63		
10	16QAM	25	0	16.65	16.77	16.72		
10	16QAM	25	12	16.72	16.73	16.67	17.3	0
10	16QAM	25	25	16.75	16.82	16.66		
10	16QAM	50	0	16.84	16.79	16.70		
10	64QAM	1	0	16.69	16.72	16.66		
10	64QAM	1	25	16.72	16.78	16.59	17.3	0
10	64QAM	1	49	16.74	16.88	16.70		
10	64QAM	25	0	16.75	16.87	16.67		
10	64QAM	25	12	16.69	16.82	16.72	17.3	0
10	64QAM	25	25	16.73	16.76	16.68		
10	64QAM	50	0	16.67	16.73	16.58		
10	256QAM	1	0	16.85	16.85	16.78		
10	256QAM	1	25	16.81	16.81	16.81	17.3	0
10	256QAM	1	49	16.73	16.87	16.66		
10	256QAM	25	0	16.80	16.71	16.63		
10	256QAM	25	12	16.74	16.78	16.61	17.3	0
10	256QAM	25	25	16.81	16.84	16.67		
10	256QAM	50	0	16.75	16.81	16.57		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.90	16.83	16.80		
5	QPSK	1	12	16.89	16.75	16.56	17.3	0
5	QPSK	1	24	16.84	16.73	16.71		
5	QPSK	12	0	16.77	16.87	16.69		
5	QPSK	12	7	16.67	16.72	16.68	17.3	0
5	QPSK	12	13	16.83	16.77	16.67		
5	QPSK	25	0	16.73	16.76	16.79		
5	16QAM	1	0	16.77	16.73	16.71		
5	16QAM	1	12	16.74	16.91	16.58	17.3	0
5	16QAM	1	24	16.87	16.80	16.64		
5	16QAM	12	0	16.63	16.66	16.76		
5	16QAM	12	7	16.74	16.82	16.64	17.3	0
5	16QAM	12	13	16.77	16.86	16.62		
5	16QAM	25	0	16.86	16.80	16.70		
5	64QAM	1	0	16.73	16.81	16.65		
5	64QAM	1	12	16.78	16.73	16.70	17.3	0
5	64QAM	1	24	16.78	16.72	16.75		
5	64QAM	12	0	16.74	16.91	16.73		
5	64QAM	12	7	16.76	16.72	16.79	17.3	0
5	64QAM	12	13	16.69	16.72	16.70		
5	64QAM	25	0	16.76	16.83	16.74		
5	256QAM	1	0	16.87	16.84	16.66		
5	256QAM	1	12	16.79	16.83	16.80	17.3	0
5	256QAM	1	24	16.69	16.73	16.71		
5	256QAM	12	0	16.78	16.72	16.72		
5	256QAM	12	7	16.71	16.78	16.60	17.3	0
5	256QAM	12	13	16.72	16.83	16.57		
5	256QAM	25	0	16.89	16.88	16.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.90	16.90	16.79		
3	QPSK	1	8	16.82	16.72	16.59	17.3	0
3	QPSK	1	14	16.72	16.78	16.66		
3	QPSK	8	0	16.87	16.83	16.74		
3	QPSK	8	4	16.64	16.80	16.60	17.3	0
3	QPSK	8	7	16.82	16.88	16.62		
3	QPSK	15	0	16.75	16.69	16.75		
3	16QAM	1	0	16.75	16.76	16.75		
3	16QAM	1	8	16.67	16.83	16.62	17.3	0
3	16QAM	1	14	16.77	16.85	16.67		
3	16QAM	8	0	16.73	16.72	16.78		
3	16QAM	8	4	16.76	16.80	16.66	17.3	0
3	16QAM	8	7	16.79	16.79	16.62		
3	16QAM	15	0	16.76	16.79	16.69		
3	64QAM	1	0	16.68	16.72	16.61		
3	64QAM	1	8	16.68	16.77	16.62	17.3	0
3	64QAM	1	14	16.79	16.83	16.80		
3	64QAM	8	0	16.81	16.80	16.74		
3	64QAM	8	4	16.77	16.76	16.74	17.3	0
3	64QAM	8	7	16.68	16.80	16.76		
3	64QAM	15	0	16.68	16.77	16.66		
3	256QAM	1	0	16.77	16.92	16.67		
3	256QAM	1	8	16.84	16.82	16.71	17.3	0
3	256QAM	1	14	16.69	16.84	16.70		
3	256QAM	8	0	16.83	16.69	16.75		
3	256QAM	8	4	16.81	16.88	16.69	17.3	0
3	256QAM	8	7	16.78	16.72	16.71		
3	256QAM	15	0	16.76	16.83	16.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.92	16.93	16.74		
1.4	QPSK	1	3	16.86	16.75	16.57		
1.4	QPSK	1	5	16.75	16.72	16.66	17.3	0
1.4	QPSK	3	0	16.87	16.73	16.73		
1.4	QPSK	3	1	16.71	16.73	16.60		
1.4	QPSK	3	3	16.81	16.74	16.63		
1.4	QPSK	6	0	16.65	16.72	16.69	17.3	0
1.4	16QAM	1	0	16.78	16.69	16.72		
1.4	16QAM	1	3	16.66	16.86	16.54		
1.4	16QAM	1	5	16.80	16.81	16.71	17.3	0
1.4	16QAM	3	0	16.67	16.77	16.81		
1.4	16QAM	3	1	16.71	16.74	16.61		
1.4	16QAM	3	3	16.75	16.89	16.67		
1.4	16QAM	6	0	16.83	16.71	16.61	17.3	0
1.4	64QAM	1	0	16.79	16.78	16.58		
1.4	64QAM	1	3	16.67	16.84	16.61		
1.4	64QAM	1	5	16.80	16.90	16.71	17.3	0
1.4	64QAM	3	0	16.78	16.82	16.70		
1.4	64QAM	3	1	16.69	16.80	16.78		
1.4	64QAM	3	3	16.69	16.80	16.74		
1.4	64QAM	6	0	16.80	16.76	16.58	17.3	0
1.4	256QAM	1	0	16.86	16.87	16.68		
1.4	256QAM	1	3	16.82	16.75	16.74		
1.4	256QAM	1	5	16.68	16.77	16.62	17.3	0
1.4	256QAM	3	0	16.71	16.74	16.76		
1.4	256QAM	3	1	16.67	16.87	16.65		
1.4	256QAM	3	3	16.75	16.76	16.64		
1.4	256QAM	6	0	16.83	16.84	16.60	17.3	0

Band 2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.05	22.10	22.06		
20	QPSK	1	49	22.00	22.05	21.96	23	0
20	QPSK	1	99	21.98	22.09	22.01		
20	QPSK	50	0	21.99	22.04	22.01		
20	QPSK	50	24	21.96	21.97	21.98	23	0
20	QPSK	50	50	21.90	21.97	21.94		
20	QPSK	100	0	21.99	22.02	21.95		
20	16QAM	1	0	21.95	21.97	22.04		
20	16Q

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.70	17.78	17.73		
20	QPSK	1	49	17.56	17.59	17.64	18.5	0
20	QPSK	1	99	17.64	17.62	17.63		
20	QPSK	50	0	17.68	17.70	17.68		
20	QPSK	50	24	17.66	17.67	17.63	18.5	0
20	QPSK	50	50	17.58	17.64	17.65		
20	QPSK	100	0	17.55	17.66	17.64		
20	16QAM	1	0	17.64	17.53	17.63		
20	16QAM	1	49	17.69	17.53	17.64	18.5	0
20	16QAM	1	99	17.59	17.60	17.67		
20	16QAM	50	0	17.61	17.56	17.64		
20	16QAM	50	24	17.59	17.59	17.67	18.5	0
20	16QAM	50	50	17.56	17.61	17.63		
20	16QAM	100	0	17.69	17.59	17.66		
20	64QAM	1	0	17.69	17.61	17.65		
20	64QAM	1	49	17.57	17.57	17.66	18.5	0
20	64QAM	1	99	17.64	17.66	17.63		
20	64QAM	50	0	17.67	17.62	17.66		
20	64QAM	50	24	17.58	17.60	17.67	18.5	0
20	64QAM	50	50	17.69	17.67	17.64		
20	64QAM	100	0	17.62	17.53	17.63		
20	256QAM	1	0	17.66	17.60	17.65		
20	256QAM	1	49	17.68	17.57	17.65	18.5	0
20	256QAM	1	99	17.67	17.67	17.72		
20	256QAM	50	0	17.63	17.59	17.68		
20	256QAM	50	24	17.66	17.61	17.63	18.5	0
20	256QAM	50	50	17.57	17.56	17.69		
20	256QAM	100	0	17.69	17.64	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.66	17.75	17.61		
15	QPSK	1	37	17.53	17.51	17.62	18.5	0
15	QPSK	1	74	17.60	17.60	17.52		
15	QPSK	36	0	17.56	17.62	17.53		
15	QPSK	36	20	17.61	17.52	17.55	18.5	0
15	QPSK	36	39	17.43	17.61	17.59		
15	QPSK	75	0	17.44	17.51	17.53		
15	16QAM	1	0	17.55	17.40	17.51		
15	16QAM	1	37	17.56	17.42	17.61	18.5	0
15	16QAM	1	74	17.51	17.50	17.57		
15	16QAM	36	0	17.59	17.54	17.49		
15	16QAM	36	20	17.44	17.58	17.53	18.5	0
15	16QAM	36	39	17.55	17.46	17.56		
15	16QAM	75	0	17.61	17.58	17.59		
15	64QAM	1	0	17.67	17.57	17.53		
15	64QAM	1	37	17.50	17.46	17.51	18.5	0
15	64QAM	1	74	17.57	17.59	17.52		
15	64QAM	36	0	17.52	17.53	17.57		
15	64QAM	36	20	17.52	17.54	17.63	18.5	0
15	64QAM	36	39	17.60	17.51	17.62		
15	64QAM	75	0	17.57	17.42	17.52		
15	256QAM	1	0	17.65	17.58	17.58		
15	256QAM	1	37	17.56	17.55	17.61	18.5	0
15	256QAM	1	74	17.61	17.55	17.96		
15	256QAM	36	0	17.57	17.55	17.53		
15	256QAM	36	20	17.56	17.50	17.51	18.5	0
15	256QAM	36	39	17.51	17.42	17.64		
15	256QAM	75	0	17.66	17.55	17.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.65	17.64	17.68		
10	QPSK	1	25	17.52	17.54	17.59	18.5	0
10	QPSK	1	49	17.51	17.53	17.62		
10	QPSK	25	0	17.59	17.55	17.61		
10	QPSK	25	12	17.52	17.54	17.57	18.5	0
10	QPSK	25	25	17.56	17.60	17.54		
10	QPSK	50	0	17.51	17.63	17.52		
10	16QAM	1	0	17.50	17.45	17.48		
10	16QAM	1	25	17.56	17.59	17.62	18.5	0
10	16QAM	1	49	17.45	17.48	17.56		
10	16QAM	25	0	17.52	17.52	17.53		
10	16QAM	25	12	17.55	17.57	17.66	18.5	0
10	16QAM	25	25	17.49	17.59	17.59		
10	16QAM	50	0	17.60	17.48	17.52		
10	64QAM	1	0	17.61	17.50	17.62		
10	64QAM	1	25	17.49	17.42	17.65	18.5	0
10	64QAM	1	49	17.60	17.65	17.59		
10	64QAM	25	0	17.62	17.58	17.61		
10	64QAM	25	12	17.56	17.45	17.58	18.5	0
10	64QAM	25	25	17.54	17.66	17.55		
10	64QAM	50	0	17.54	17.49	17.49		
10	256QAM	1	0	17.58	17.58	17.56		
10	256QAM	1	25	17.63	17.43	17.51	18.5	0
10	256QAM	1	49	17.62	17.52	17.62		
10	256QAM	25	0	17.53	17.44	17.54		
10	256QAM	25	12	17.52	17.47	17.55	18.5	0
10	256QAM	25	25	17.45	17.52	17.58		
10	256QAM	50	0	17.60	17.50	17.61		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.63	17.68	17.58		
5	QPSK	1	12	17.41	17.50	17.57	18.5	0
5	QPSK	1	24	17.62	17.58	17.48		
5	QPSK	12	0	17.60	17.60	17.57		
5	QPSK	12	7	17.61	17.61	17.56	18.5	0
5	QPSK	12	13	17.48	17.63	17.61		
5	QPSK	25	0	17.48	17.57	17.60		
5	16QAM	1	0	17.52	17.44	17.53		
5	16QAM	1	12	17.64	17.45	17.55	18.5	0
5	16QAM	1	24	17.46	17.48	17.52		
5	16QAM	12	0	17.49	17.48	17.51		
5	16QAM	12	7	17.52	17.47	17.64	18.5	0
5	16QAM	12	13	17.43	17.51	17.48		
5	16QAM	25	0	17.47	17.48	17.60		
5	64QAM	1	0	17.68	17.53	17.57		
5	64QAM	1	12	17.44	17.55	17.51	18.5	0
5	64QAM	1	24	17.64	17.57	17.62		
5	64QAM	12	0	17.52	17.51	17.61		
5	64QAM	12	7	17.57	17.57	17.62	18.5	0
5	64QAM	12	13	17.65	17.52	17.59		
5	64QAM	25	0	17.60	17.44	17.58		
5	256QAM	1	0	17.51	17.48	17.64		
5	256QAM	1	12	17.59	17.45	17.51	18.5	0
5	256QAM	1	24	17.54	17.58	17.57		
5	256QAM	12	0	17.49	17.48	17.57		
5	256QAM	12	7	17.56	17.46	17.59	18.5	0
5	256QAM	12	13	17.52	17.44	17.67		
5	256QAM	25	0	17.54	17.50	17.61		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.55	17.67	17.70		
3	QPSK	1	8	17.52	17.48	17.57	18.5	0
3	QPSK	1	14	17.60	17.52	17.61		
3	QPSK	8	0	17.57	17.58	17.58		
3	QPSK	8	4	17.57	17.61	17.51	18.5	0
3	QPSK	8	7	17.47	17.49	17.56		
3	QPSK	15	0	17.52	17.64	17.58		
3	16QAM	1	0	17.62	17.42	17.50		
3	16QAM	1	8	17.58	17.52	17.55	18.5	0
3	16QAM	1	14	17.50	17.45	17.55		
3	16QAM	8	0	17.51	17.55	17.53		
3	16QAM	8	4	17.49	17.48	17.63	18.5	0
3	16QAM	8	7	17.51	17.50	17.59		
3	16QAM	15	0	17.58	17.46	17.60		
3	64QAM	1	0	17.63	17.48	17.63		
3	64QAM	1	8	17.43	17.51	17.62	18.5	0
3	64QAM	1	14	17.55	17.60	17.56		
3	64QAM	8	0	17.61	17.51	17.63		
3	64QAM	8	4	17.48	17.53	17.58	18.5	0
3	64QAM	8	7	17.63	17.55	17.63		
3	64QAM	15	0	17.60	17.41	17.52		
3	256QAM	1	0	17.61	17.53	17.63		
3	256QAM	1	8	17.54	17.43	17.55	18.5	0
3	256QAM	1	14	17.58	17.55	17.69		
3	256QAM	8	0	17.54	17.51	17.58		
3	256QAM	8	4	17.63	17.56	17.61	18.5	0
3	256QAM	8	7	17.45	17.45	17.57		
3	256QAM	15	0	17.65	17.60	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.58	17.69	17.58		
1.4	QPSK	1	3	17.42	17.44	17.55		
1.4	QPSK	1	5	17.57	17.59	17.57	18.5	0
1.4	QPSK	3	0	17.54	17.68	17.67		
1.4	QPSK	3	1	17.59	17.54	17.61		
1.4	QPSK	3	3	17.54	17.62	17.60		
1.4	QPSK	6	0	17.41	17.61	17.62	18.5	0
1.4	16QAM	1	0	17.57	17.49	17.53		
1.4	16QAM	1	3	17.60	17.47	17.51		
1.4	16QAM	1	5	17.50	17.58	17.62	18.5	0
1.4	16QAM	3	0	17.54	17.49	17.57		
1.4	16QAM	3	1	17.54	17.49	17.59		
1.4	16QAM	3	3	17.48	17.50	17.61		
1.4	16QAM	6	0	17.54	17.44	17.60	18.5	0
1.4	64QAM	1	0	17.60	17.55	17.58		
1.4	64QAM	1	3	17.46	17.46	17.56		
1.4	64QAM	1	5	17.50	17.57	17.60	18.5	0
1.4	64QAM	3	0	17.64	17.60	17.60		
1.4	64QAM	3	1	17.49	17.49	17.54		
1.4	64QAM	3	3	17.60	17.66	17.59		
1.4	64QAM	6	0	17.53	17.50	17.49	18.5	0
1.4	256QAM	1	0	17.61	17.50	17.59		
1.4	256QAM	1	3	17.53	17.45	17.59		
1.4	256QAM	1	5	17.62	17.55	17.64	18.5	0
1.4	256QAM	3	0	17.51	17.58	17.61		
1.4	256QAM	3	1	17.59	17.48	17.55		
1.4	256QAM	3	3	17.43	17.41	17.55		
1.4	256QAM	6	0	17.57	17.63	17.62	18.5	0

Band 4_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.54	15.62	15.56		
20	QPSK	1	49	15.52	15.53	15.45	16.5	0
20	QPSK	1	99	15.42	15.59	15.47		
20	QPSK	50	0	15.50	15.58	15.52		
20	QPSK	50	24	15.44	15.56	15.47	16.5	0
20	QPSK	50	50	15.41	15.52	15.47		
20	QPSK	100	0	15.47	15.57	15.52		
20	16QAM	1	0	15.45	15.49	15.49		
20	16QAM	1	49	15.47	15.58	15.43	16.5	0
20	16QAM	1	99	15.50	15.53	15.44		
20	16QAM	50	0	15.50	15.57	15.43		
20	16QAM	50	24	15.47	15.60	15.41	16.5	0
20	16QAM	50	50	15.53	15.55	15.46		
20	16QAM	100	0	15.40	15.50	15.43		
20	64QAM	1	0	15.46	15.50	15.49		
20	64QAM	1	49	15.44	15.51	15.41	16.5	0
20	64QAM	1	99	15.50	15.52	15.46		
20	64QAM	50	0	15.49	15.52	15.44		
20	64QAM	50	24	15.43	15.52	15.47	16.5	0
20	64QAM	50	50	15.43	15.60	15.46		
20	64QAM	100	0	15.51	15.54	15.53		
20	256QAM	1	0	15.46	15.51	15.52		
20	256QAM	1	49	15.42	15.58	15.52	16.5	0
20	256QAM	1	99	15.39	15.55	15.55		
20	256QAM	50	0	15.40	15.49	15.53		
20	256QAM	50	24	15.42	15.54	15.41	16.5	0
20	256QAM	50	50	15.40	15.48	15.48		
20	256QAM	100	0	15.44	15.53	15.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.52	15.59	15.44		
15	QPSK	1	37	15.50	15.44	15.44	16.5	0
15	QPSK	1	74	15.29	15.52	15.38		
15	QPSK	36	0	15.49	15.49	15.42		
15	QPSK	36	20	15.34	15.52	15.43	16.5	0
15	QPSK	36	39	15.29	15.44	15.33		
15	QPSK	75	0	15.41	15.45	15.41		
15	16QAM	1	0	15.42	15.42	15.34		
15	16QAM	1	37	15.32	15.46	15.29	16.5	0
15	16QAM	1	74	15.39	15.43	15.33		
15	16QAM	36	0	15.35	15.56	15.29		
15	16QAM	36	20	15.36	15.53	15.34	16.5	0
15	16QAM	36	39	15.51	15.48	15.32		
15	16QAM	75	0	15.25	15.42	15.32		
15	64QAM	1	0	15.43	15.48	15.39		
15	64QAM	1	37	15.41	15.44	15.36	16.5	0
15	64QAM	1	74	15.36	15.43	15.39		
15	64QAM	36	0	15.44	15.38	15.41		
15	64QAM	36	20	15.35	15.49	15.37	16.5	0
15	64QAM	36	39	15.30	15.45	15.39		
15	64QAM	75	0	15.38	15.45	15.38		
15	256QAM	1	0	15.34	15.60	15.45		
15	256QAM	1	37	15.36	15.33	15.38	16.5	0
15	256QAM	1	74	15.29	15.41	15.41		
15	256QAM	36	0	15.29	15.44	15.44		
15	256QAM	36	20	15.40	15.48	15.30	16.5	0
15	256QAM	36	39	15.34	15.37	15.39		
15	256QAM	75	0	15.30	15.40	15.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.50	15.50	15.46		
10	QPSK	1	25	15.43	15.41	15.46	16.5	0
10	QPSK	1	49	15.37	15.45	15.34		
10	QPSK	25	0	15.48	15.56	15.39		
10	QPSK	25	12	15.39	15.47	15.35	16.5	0
10	QPSK	25	25	15.27	15.48	15.34		
10	QPSK	50	0	15.37	15.51	15.43		
10	16QAM	1	0	15.32	15.41	15.39		
10	16QAM	1	25	15.46	15.54	15.34	16.5	0
10	16QAM	1	49	15.44	15.49	15.33		
10	16QAM	25	0	15.37	15.42	15.28		
10	16QAM	25	12	15.46	15.56	15.32	16.5	0
10	16QAM	25	25	15.39	15.47	15.34		
10	16QAM	50	0	15.38	15.36	15.40		
10	64QAM	1	0	15.45	15.45	15.35		
10	64QAM	1	25	15.39	15.43	15.37	16.5	0
10	64QAM	1	49	15.35	15.42	15.34		
10	64QAM	25	0	15.47	15.39	15.36		
10	64QAM	25	12	15.33	15.39	15.33	16.5	0
10	64QAM	25	25	15.30	15.51	15.38		
10	64QAM	50	0	15.36	15.47	15.51		
10	256QAM	1	0	15.40	15.59	15.37		
10	256QAM	1	25	15.27	15.44	15.50	16.5	0
10	256QAM	1	49	15.34	15.47	15.44		
10	256QAM	25	0	15.32	15.34	15.40		
10	256QAM	25	12	15.35	15.47	15.30	16.5	0
10	256QAM	25	25	15.36	15.41	15.45		
10	256QAM	50	0	15.37	15.38	15.28		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.45	15.55	15.49		
5	QPSK	1	12	15.50	15.43	15.35	16.5	0
5	QPSK	1	24	15.37	15.47	15.40		
5	QPSK	12	0	15.47	15.48	15.42		
5	QPSK	12	7	15.37	15.49	15.34	16.5	0
5	QPSK	12	13	15.33	15.44	15.43		
5	QPSK	25	0	15.45	15.50	15.40		
5	16QAM	1	0	15.42	15.38	15.43		
5	16QAM	1	12	15.40	15.53	15.34	16.5	0
5	16QAM	1	24	15.49	15.44	15.42		
5	16QAM	12	0	15.38	15.51	15.30		
5	16QAM	12	7	15.38	15.55	15.38	16.5	0
5	16QAM	12	13	15.47	15.41	15.33		
5	16QAM	25	0	15.25	15.43	15.40		
5	64QAM	1	0	15.40	15.41	15.40		
5	64QAM	1	12	15.41	15.50	15.26	16.5	0
5	64QAM	1	24	15.45	15.51	15.38		
5	64QAM	12	0	15.43	15.51	15.40		
5	64QAM	12	7	15.37	15.41	15.44	16.5	0
5	64QAM	12	13	15.36	15.59	15.37		
5	64QAM	25	0	15.48	15.49	15.50		
5	256QAM	1	0	15.31	15.55	15.39		
5	256QAM	1	12	15.32	15.52	15.43	16.5	0
5	256QAM	1	24	15.24	15.53	15.50		
5	256QAM	12	0	15.26	15.35	15.45		
5	256QAM	12	7	15.30	15.47	15.28	16.5	0
5	256QAM	12	13	15.36	15.45	15.41		
5	256QAM	25	0	15.31	15.48	15.38		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.48	15.59	15.47		
3	QPSK	1	8	15.38	15.50	15.34	16.5	0
3	QPSK	1	14	15.35	15.45	15.44		
3	QPSK	8	0	15.39	15.45	15.41		
3	QPSK	8	4	15.32	15.41	15.41	16.5	0
3	QPSK	8	7	15.35	15.39	15.41		
3	QPSK	15	0	15.50	15.47	15.38		
3	16QAM	1	0	15.38	15.38	15.47		
3	16QAM	1	8	15.39	15.57	15.31	16.5	0
3	16QAM	1	14	15.35	15.44	15.40		
3	16QAM	8	0	15.46	15.43	15.36		
3	16QAM	8	4	15.42	15.55	15.36	16.5	0
3	16QAM	8	7	15.49	15.41	15.36		
3	16QAM	15	0	15.35	15.44	15.29		
3	64QAM	1	0	15.40	15.46	15.40		
3	64QAM	1	8	15.29	15.42	15.39	16.5	0
3	64QAM	1	14	15.45	15.40	15.45		
3	64QAM	8	0	15.44	15.45	15.36		
3	64QAM	8	4	15.38	15.38	15.39	16.5	0
3	64QAM	8	7	15.39	15.52	15.41		
3	64QAM	15	0	15.46	15.39	15.52		
3	256QAM	1	0	15.43	15.51	15.51		
3	256QAM	1	8	15.29	15.52	15.51	16.5	0
3	256QAM	1	14	15.33	15.40	15.45		
3	256QAM	8	0	15.39	15.36	15.38		
3	256QAM	8	4	15.33	15.39	15.28	16.5	0
3	256QAM	8	7	15.33	15.47	15.46		
3	256QAM	15	0	15.41	15.48	15.38		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.51	15.57	15.50		
1.4	QPSK	1	3	15.42	15.41	15.38		
1.4	QPSK	1	5	15.36	15.54	15.45	16.5	0
1.4	QPSK	3	0	15.38	15.56	15.38		
1.4	QPSK	3	1	15.36	15.49	15.43		
1.4	QPSK	3	3	15.34	15.48	15.37		
1.4	QPSK	6	0	15.39	15.55	15.43	16.5	0
1.4	16QAM	1	0	15.31	15.36	15.43		
1.4	16QAM	1	3	15.32	15.57	15.36		
1.4	16QAM	1	5	15.47	15.50	15.33	16.5	0
1.4	16QAM	3	0	15.35	15.49	15.42		
1.4	16QAM	3	1	15.40	15.56	15.37		
1.4	16QAM	3	3	15.52	15.51	15.45		
1.4	16QAM	6	0	15.26	15.35	15.30	16.5	0
1.4	64QAM	1	0	15.34	15.40	15.37		
1.4	64QAM	1	3	15.41	15.43	15.38		
1.4	64QAM	1	5	15.40	15.48	15.33	16.5	0
1.4	64QAM	3	0	15.42	15.42	15.34		
1.4	64QAM	3	1	15.30	15.37	15.42		
1.4	64QAM	3	3	15.30	15.56	15.44		
1.4	64QAM	6	0	15.45	15.50	15.51	16.5	0
1.4	256QAM	1	0	15.40	15.48	15.50		
1.4	256QAM	1	3	15.34	15.44	15.39		
1.4	256QAM	1	5	15.38	15.41	15.48	16.5	0
1.4	256QAM	3	0	15.39	15.45	15.39		
1.4	256QAM	3	1	15.35	15.42	15.33		
1.4	256QAM	3	3	15.29	15.40	15.34		
1.4	256QAM	6	0	15.38	15.52	15.42	16.5	0

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.64	21.71	21.65		
20	QPSK	1	49	21.55	21.60	21.62	22.5	0
20	QPSK	1	99	21.59	21.67	21.60		
20	QPSK	50	0	21.50	21.64	21.60		
20	QPSK	50	24	21.57	21.53	21.54	22.5	0
20	QPSK	50	50	21.53	21.53	21.58		
20	QPSK	100	0	21.57	21.60	21.51		
20	16QAM	1	0	21.49	21.64	21.54		
20	16QAM	1	49

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.19	24.29	24.22		
10	QPSK	1	25	24.11	24.24	24.09	25	0
10	QPSK	1	49	24.10	24.14	24.13		
10	QPSK	25	0	23.12	23.24	23.10		
10	QPSK	25	12	23.04	23.15	23.03	24	1
10	QPSK	25	25	23.10	23.22	23.09		
10	QPSK	50	0	22.97	23.11	22.98		
10	16QAM	1	0	23.24	23.35	23.32		
10	16QAM	1	25	23.44	23.45	23.30	24	1
10	16QAM	1	49	23.32	23.46	23.38		
10	16QAM	25	0	22.06	22.20	22.17		
10	16QAM	25	12	22.16	22.18	22.09	23	2
10	16QAM	25	25	22.11	22.19	22.14		
10	16QAM	50	0	22.05	22.15	22.00		
10	64QAM	1	0	22.27	22.39	22.34		
10	64QAM	1	25	22.21	22.32	22.17	23	2
10	64QAM	1	49	22.16	22.20	22.13		
10	64QAM	25	0	21.16	21.20	21.10		
10	64QAM	25	12	21.17	21.19	21.12	22	3
10	64QAM	25	25	21.16	21.22	21.17		
10	64QAM	50	0	21.14	21.16	21.02		
10	256QAM	1	0	19.11	19.06	19.06		
10	256QAM	1	25	18.94	19.06	18.90	20	5
10	256QAM	1	49	18.93	19.08	18.92		
10	256QAM	25	0	19.01	19.07	19.01		
10	256QAM	25	12	19.07	19.03	19.11	20	5
10	256QAM	25	25	18.89	19.03	18.95		
10	256QAM	50	0	18.90	19.10	19.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.03	24.16	24.08		
5	QPSK	1	12	24.07	24.20	23.99	25	0
5	QPSK	1	24	23.97	24.13	24.08		
5	QPSK	12	0	23.03	23.20	23.01		
5	QPSK	12	7	22.98	23.05	22.96	24	1
5	QPSK	12	13	23.06	23.09	23.08		
5	QPSK	25	0	22.93	23.01	22.85		
5	16QAM	1	0	23.22	23.26	23.19		
5	16QAM	1	12	23.35	23.31	23.18	24	1
5	16QAM	1	24	23.21	23.36	23.33		
5	16QAM	12	0	22.01	22.19	22.16		
5	16QAM	12	7	22.08	22.16	21.97	23	2
5	16QAM	12	13	22.04	22.10	22.06		
5	16QAM	25	0	21.95	22.00	21.95		
5	64QAM	1	0	22.23	22.33	22.16		
5	64QAM	1	12	22.20	22.24	22.16	23	2
5	64QAM	1	24	22.07	22.17	22.11		
5	64QAM	12	0	21.08	21.15	21.02		
5	64QAM	12	7	21.05	21.16	21.10	22	3
5	64QAM	12	13	21.06	21.18	21.06		
5	64QAM	25	0	21.05	21.13	20.94		
5	256QAM	1	0	19.06	19.02	18.96		
5	256QAM	1	12	18.79	19.05	18.79	20	5
5	256QAM	1	24	18.92	18.97	18.87		
5	256QAM	12	0	18.90	18.99	18.86		
5	256QAM	12	7	18.93	18.91	18.99	20	5
5	256QAM	12	13	18.74	19.02	18.87		
5	256QAM	25	0	18.85	19.01	19.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.15	24.21	24.07		
3	QPSK	1	8	23.97	24.09	24.03	25	0
3	QPSK	1	14	23.95	24.00	23.98		
3	QPSK	8	0	22.99	23.22	23.06		
3	QPSK	8	4	23.03	23.03	22.93	24	1
3	QPSK	8	7	23.07	23.11	23.02		
3	QPSK	15	0	22.92	22.99	22.91		
3	16QAM	1	0	23.13	23.21	23.30		
3	16QAM	1	8	23.39	23.41	23.16	24	1
3	16QAM	1	14	23.17	23.38	23.31		
3	16QAM	8	0	21.98	22.10	22.09		
3	16QAM	8	4	22.11	22.14	22.05	23	2
3	16QAM	8	7	22.05	22.09	22.00		
3	16QAM	15	0	21.91	22.09	21.89		
3	64QAM	1	0	22.19	22.34	22.19		
3	64QAM	1	8	22.17	22.30	22.05	23	2
3	64QAM	1	14	22.06	22.18	22.05		
3	64QAM	8	0	21.09	21.19	21.07		
3	64QAM	8	4	21.09	21.17	21.09	22	3
3	64QAM	8	7	21.12	21.17	21.09		
3	64QAM	15	0	21.10	21.06	20.90		
3	256QAM	1	0	18.98	18.98	18.95		
3	256QAM	1	8	18.88	19.01	18.79	20	5
3	256QAM	1	14	18.83	19.02	18.91		
3	256QAM	8	0	18.89	19.02	18.99		
3	256QAM	8	4	18.96	18.88	19.05	20	5
3	256QAM	8	7	18.87	18.92	18.83		
3	256QAM	15	0	18.84	18.97	18.91		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.11	24.28	24.20		
1.4	QPSK	1	3	24.01	24.18	24.01		
1.4	QPSK	1	5	24.05	24.01	24.01	25	0
1.4	QPSK	3	0	24.09	24.19	24.07		
1.4	QPSK	3	1	24.01	24.12	24.02		
1.4	QPSK	3	3	24.05	24.00	24.09		
1.4	QPSK	6	0	22.95	23.03	22.89	24	1
1.4	16QAM	1	0	23.13	23.32	23.31		
1.4	16QAM	1	3	23.32	23.31	23.21		
1.4	16QAM	1	5	23.31	23.31	23.24	24	1
1.4	16QAM	3	0	23.10	23.28	23.21		
1.4	16QAM	3	1	23.17	23.21	23.13		
1.4	16QAM	3	3	23.26	23.24	23.20		
1.4	16QAM	6	0	21.92	22.09	21.92	23	2
1.4	64QAM	1	0	22.18	22.36	22.19		
1.4	64QAM	1	3	22.08	22.30	22.12		
1.4	64QAM	1	5	22.05	22.17	22.03	23	2
1.4	64QAM	3	0	22.04	22.27	22.16		
1.4	64QAM	3	1	22.01	22.19	22.07		
1.4	64QAM	3	3	22.04	22.08	21.90		
1.4	64QAM	6	0	21.07	21.01	20.90	22	3
1.4	256QAM	1	0	19.08	19.05	19.01		
1.4	256QAM	1	3	18.81	19.03	18.77		
1.4	256QAM	1	5	18.85	19.00	18.89	20	5
1.4	256QAM	3	0	18.99	19.03	18.87		
1.4	256QAM	3	1	18.99	19.02	19.02		
1.4	256QAM	3	3	18.81	18.95	18.90		
1.4	256QAM	6	0	18.87	18.99	18.88	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.44	23.47	23.39		
10	QPSK	1	25	23.37	23.45	23.36	24.1	0
10	QPSK	1	49	23.30	23.36	23.34		
10	QPSK	25	0	22.43	22.46	22.42		
10	QPSK	25	12	22.22	22.36	22.24	23.1	1
10	QPSK	25	25	22.27	22.42	22.33		
10	QPSK	50	0	22.37	22.43	22.33		
10	16QAM	1	0	22.62	22.63	22.49		
10	16QAM	1	25	22.47	22.61	22.50	23.1	1
10	16QAM	1	49	22.32	22.46	22.33		
10	16QAM	25	0	21.27	21.41	21.28		
10	16QAM	25	12	21.37	21.42	21.29	22.1	2
10	16QAM	25	25	21.34	21.42	21.39		
10	16QAM	50	0	21.21	21.34	21.22		
10	64QAM	1	0	21.44	21.58	21.57		
10	64QAM	1	25	21.39	21.54	21.49	22.1	2
10	64QAM	1	49	21.41	21.52	21.37		
10	64QAM	25	0	20.34	20.40	20.28		
10	64QAM	25	12	20.37	20.42	20.33	21.1	3
10	64QAM	25	25	20.43	20.45	20.42		
10	64QAM	50	0	20.23	20.38	20.35		
10	256QAM	1	0	18.20	18.34	18.22		
10	256QAM	1	25	18.20	18.23	18.24	19.1	5
10	256QAM	1	49	18.28	18.35	18.18		
10	256QAM	25	0	18.25	18.36	18.31		
10	256QAM	25	12	18.22	18.24	18.19	19.1	5
10	256QAM	25	25	18.12	18.24	18.12		
10	256QAM	50	0	18.25	18.33	18.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.43	23.37	23.27		
5	QPSK	1	12	23.33	23.41	23.32	24.1	0
5	QPSK	1	24	23.28	23.35	23.25		
5	QPSK	12	0	22.32	22.37	22.30		
5	QPSK	12	7	22.13	22.34	22.17	23.1	1
5	QPSK	12	13	22.12	22.38	22.22		
5	QPSK	25	0	22.24	22.36	22.18		
5	16QAM	1	0	22.50	22.51	22.37		
5	16QAM	1	12	22.37	22.59	22.38	23.1	1
5	16QAM	1	24	22.20	22.34	22.31		
5	16QAM	12	0	21.12	21.40	21.19		
5	16QAM	12	7	21.23	21.34	21.20	22.1	2
5	16QAM	12	13	21.30	21.41	21.30		
5	16QAM	25	0	21.17	21.19	21.10		
5	64QAM	1	0	21.43	21.57	21.48		
5	64QAM	1	12	21.33	21.46	21.35	22.1	2
5	64QAM	1	24	21.40	21.40	21.23		
5	64QAM	12	0	20.20	20.26	20.23		
5	64QAM	12	7	20.23	20.34	20.32	21.1	3
5	64QAM	12	13	20.33	20.37	20.38		
5	64QAM	25	0	20.16	20.31	20.31		
5	256QAM	1	0	18.19	18.21	18.16		
5	256QAM	1	12	18.19	18.15	18.12	19.1	5
5	256QAM	1	24	18.23	18.22	18.09		
5	256QAM	12	0	18.17	18.25	18.19		
5	256QAM	12	7	18.11	18.22	18.16	19.1	5
5	256QAM	12	13	18.04	18.20	18.06		
5	256QAM	25	0	18.13	18.30	18.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.34	23.43	23.37		
3	QPSK	1	8	23.36	23.42	23.21	24.1	0
3	QPSK	1	14	23.21	23.30	23.31		
3	QPSK	8	0	22.33	22.39	22.35		
3	QPSK	8	4	22.18	22.23	22.21	23.1	1
3	QPSK	8	7	22.25	22.37	22.30		
3	QPSK	15	0	22.22	22.42	22.27		
3	16QAM	1	0	22.54	22.54	22.39		
3	16QAM	1	8	22.36	22.60	22.42	23.1	1
3	16QAM	1	14	22.28	22.43	22.25		
3	16QAM	8	0	21.19	21.32	21.20		
3	16QAM	8	4	21.35	21.41	21.14	22.1	2
3	16QAM	8	7	21.22	21.37	21.29		
3	16QAM	15	0	21.19	21.28	21.16		
3	64QAM	1	0	21.33	21.46	21.56		
3	64QAM	1	8	21.25	21.47	21.35	22.1	2
3	64QAM	1	14	21.33	21.41	21.25		
3	64QAM	8	0	20.31	20.31	20.21		
3	64QAM	8	4	20.33	20.39	20.25	21.1	3
3	64QAM	8	7	20.39	20.39	20.35		
3	64QAM	15	0	20.10	20.24	20.28		
3	256QAM	1	0	18.10	18.31	18.15		
3	256QAM	1	8	18.18	18.12	18.11	19.1	5
3	256QAM	1	14	18.25	18.26	18.17		
3	256QAM	8	0	18.22	18.28	18.28		
3	256QAM	8	4	18.13	18.21	18.10	19.1	5
3	256QAM	8	7	18.09	18.22	17.98		
3	256QAM	15	0	18.13	18.15	18.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.31	23.44	23.38		
1.4	QPSK	1	3	23.33	23.42	23.34		
1.4	QPSK	1	5	23.37	23.32	23.19	24.1	0
1.4	QPSK	3	0	23.38	23.32	23.38		
1.4	QPSK	3	1	23.36	23.35	23.33		
1.4	QPSK	3	3	23.22	23.21	23.22		
1.4	QPSK	6	0	22.25	22.30	22.32	23.1	1
1.4	16QAM	1	0	22.54	22.57	22.39		
1.4	16QAM	1	3	22.33	22.52	22.47		
1.4	16QAM	1	5	22.28	22.31	22.21	23.1	1
1.4	16QAM	3	0	22.43	22.52	22.31		
1.4	16QAM	3	1	22.31	22.40	22.33		
1.4	16QAM	3	3	22.22	22.26	22.16		
1.4	16QAM	6	0	21.13	21.21	21.12	22.1	2
1.4	64QAM	1	0	21.29	21.56	21.56		
1.4	64QAM	1	3	21.27	21.43	21.43	22.1	2
1.4	64QAM	1	5	21.39	21.47	21.33		
1.4	64QAM	3	0	21.19	21.41	21.45		
1.4	64QAM	3	1	21.23	21.28	21.38		
1.4	64QAM	3	3	21.31	21.45	21.21		
1.4	64QAM	6	0	20.21	20.28	20.27	21.1	3
1.4	256QAM	1	0	18.16	18.28	18.19		
1.4	256QAM	1	3	18.14	18.15	18.20		
1.4	256QAM	1	5	18.14	18.21	18.13	19.1	5
1.4	256QAM	3	0	18.15	18.27	18.17		
1.4	256QAM	3	1	18.09	18.18	18.17		
1.4	256QAM	3	3	18.09	18.12	18.03		
1.4	256QAM	6	0	18.11	18.22	18.17	19.1	5

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.89	16.98	16.97		
20	QPSK	1	49	16.80	16.91	16.89	17.5	0
20	QPSK	1	99	16.84	16.83	16.83		
20	QPSK	50	0	16.83	16.90	16.91		
20	QPSK	50	24	16.81	16.87	16.87	17.5	0
20	QPSK	50	50	16.80	16.90	16.84		
20	QPSK	100	0	16.76	16.85	16.86		
20	16QAM	1	0	16.83	16.89	16.93		
20	16QAM	1	49	16.79	16.94	16.87	17.5	0
20	16QAM	1	99	16.75	16.96	16.90		
20	16QAM	50	0	16.84	16.83	16.93		
20	16QAM	50	24	16.82	16.96	16.94	17.5	0
20	16QAM	50	50	16.83	16.85	16.95		
20	16QAM	100	0	16.86	16.96	16.90		
20	64QAM	1	0	16.84	16.85	16.82		
20	64QAM	1	49	16.83	16.91	16.84	17.5	0
20	64QAM	1	99	16.85	16.90	16.96		
20	64QAM	50	0	16.75	16.83	16.80		
20	64QAM	50	24	16.83	16.95	16.82	17.5	0
20	64QAM	50	50	16.74	16.86	16.90		
20	64QAM	100	0	16.78	16.93	16.86		
20	256QAM	1	0	16.84	16.91	16.90		
20	256QAM	1	49	16.81	16.92	16.96	17.5	0
20	256QAM	1	99	16.74	16.95	16.86		
20	256QAM	50	0	16.88	16.95	16.90		
20	256QAM	50	24	16.76	16.94	16.93	17.5	0
20	256QAM	50	50	16.85	16.90	16.86		
20	256QAM	100	0	16.75	16.85	16.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.79	16.97	16.93		
15	QPSK	1	37	16.78	16.85	16.79	17.5	0
15	QPSK	1	74	16.72	16.82	16.69		
15	QPSK	36	0	16.77	16.93	16.83		
15	QPSK	36	20	16.86	16.86	16.84	17.5	0
15	QPSK	36	39	16.65	16.88	16.79		
15	QPSK	75	0	16.70	16.78	16.82		
15	16QAM	1	0	16.80	16.85	16.90		
15	16QAM	1	37	16.78	16.88	16.83	17.5	0
15	16QAM	1	74	16.72	16.95	16.86		
15	16QAM	36	0	16.83	16.80	16.83		
15	16QAM	36	20	16.68	16.90	16.89	17.5	0
15	16QAM	36	39	16.71	16.83	16.86		
15	16QAM	75	0	16.71	16.85	16.76		
15	64QAM	1	0	16.70	16.83	16.78		
15	64QAM	1	37	16.72	16.80	16.77	17.5	0
15	64QAM	1	74	16.79	16.75	16.93		
15	64QAM	36	0	16.71	16.75	16.80		
15	64QAM	36	20	16.80	16.84	16.73	17.5	0
15	64QAM	36	39	16.64	16.85	16.81		
15	64QAM	75	0	16.67	16.84	16.81		
15	256QAM	1	0	16.70	16.88	16.83		
15	256QAM	1	37	16.68	16.88	16.83	17.5	0
15	256QAM	1	74	16.64	16.85	16.73		
15	256QAM	36	0	16.82	16.88	16.87		
15	256QAM	36	20	16.75	16.74	16.92	17.5	0
15	256QAM	36	39	16.72	16.85	16.82		
15	256QAM	75	0	16.64	16.70	16.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.81	16.86	16.93		
10	QPSK	1	25	16.76	16.88	16.77	17.5	0
10	QPSK	1	49	16.76	16.73	16.78		
10	QPSK	25	0	16.82	16.94	16.85		
10	QPSK	25	12	16.77	16.79	16.74	17.5	0
10	QPSK	25	25	16.70	16.77	16.82		
10	QPSK	50	0	16.65	16.83	16.72		
10	16QAM	1	0	16.80	16.88	16.81		
10	16QAM	1	25	16.64	16.89	16.81	17.5	0
10	16QAM	1	49	16.67	16.92	16.89		
10	16QAM	25	0	16.78	16.76	16.89		
10	16QAM	25	12	16.72	16.95	16.79	17.5	0
10	16QAM	25	25	16.72	16.92	16.88		
10	16QAM	50	0	16.83	16.85	16.76		
10	64QAM	1	0	16.76	16.78	16.70		
10	64QAM	1	25	16.72	16.77	16.71	17.5	0
10	64QAM	1	49	16.84	16.80	16.81		
10	64QAM	25	0	16.73	16.73	16.78		
10	64QAM	25	12	16.75	16.81	16.73	17.5	0
10	64QAM	25	25	16.72	16.80	16.80		
10	64QAM	50	0	16.74	16.81	16.78		
10	256QAM	1	0	16.82	16.77	16.80		
10	256QAM	1	25	16.67	16.78	16.94	17.5	0
10	256QAM	1	49	16.64	16.85	16.85		
10	256QAM	25	0	16.76	16.88	16.80		
10	256QAM	25	12	16.61	16.79	16.87	17.5	0
10	256QAM	25	25	16.72	16.80	16.80		
10	256QAM	50	0	16.72	16.83	16.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.83	16.97	16.95		
5	QPSK	1	12	16.76	16.80	16.82	17.5	0
5	QPSK	1	24	16.76	16.84	16.82		
5	QPSK	12	0	16.68	16.83	16.88		
5	QPSK	12	7	16.72	16.83	16.73	17.5	0
5	QPSK	12	13	16.68	16.82	16.82		
5	QPSK	25	0	16.74	16.82	16.83		
5	16QAM	1	0	16.76	16.86	16.84		
5	16QAM	1	12	16.66	16.85	16.82	17.5	0
5	16QAM	1	24	16.69	16.95	16.82		
5	16QAM	12	0	16.74	16.78	16.82		
5	16QAM	12	7	16.75	16.90	16.83	17.5	0
5	16QAM	12	13	16.73	16.81	16.93		
5	16QAM	25	0	16.85	16.87	16.87		
5	64QAM	1	0	16.72	16.79	16.72		
5	64QAM	1	12	16.68	16.82	16.81	17.5	0
5	64QAM	1	24	16.71	16.81	16.82		
5	64QAM	12	0	16.72	16.78	16.82		
5	64QAM	12	7	16.80	16.83	16.80	17.5	0
5	64QAM	12	13	16.69	16.74	16.84		
5	64QAM	25	0	16.66	16.87	16.79		
5	256QAM	1	0	16.91	16.88	16.76		
5	256QAM	1	12	16.73	16.78	16.86	17.5	0
5	256QAM	1	24	16.72	16.92	16.77		
5	256QAM	12	0	16.83	16.91	16.85		
5	256QAM	12	7	16.66	16.86	16.91	17.5	0
5	256QAM	12	13	16.84	16.81	16.74		
5	256QAM	25	0	16.74	16.82	16.92		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.98	17.31	17.30		
20	QPSK	1	49	16.89	17.24	17.20	17.5	0
20	QPSK	1	99	16.94	17.16	17.17		
20	QPSK	50	0	16.97	17.28	17.21		
20	QPSK	50	24	16.91	17.16	17.18	17.5	0
20	QPSK	50	50	16.90	17.28	17.17		
20	QPSK	100	0	16.97	17.24	17.18		
20	16QAM	1	0	16.84	17.17	17.17		
20	16QAM	1

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.47	19.57	19.50		
20	QPSK	1	49	19.40	19.51	19.35	20	0
20	QPSK	1	99	19.36	19.49	19.38		
20	QPSK	50	0	19.46	19.54	19.45		
20	QPSK	50	24	19.32	19.44	19.40	20	0
20	QPSK	50	50	19.33	19.46	19.36		
20	QPSK	100	0	19.43	19.52	19.39		
20	16QAM	1	0	19.36	19.43	19.49		
20	16QAM	1	49	19.33	19.56	19.49	20	0
20	16QAM	1	99	19.38	19.52	19.39		
20	16QAM	50	0	19.33	19.43	19.42		
20	16QAM	50	24	19.36	19.54	19.44	20	0
20	16QAM	50	50	19.36	19.43	19.44		
20	16QAM	100	0	19.35	19.51	19.41		
20	64QAM	1	0	19.46	19.50	19.43		
20	64QAM	1	49	19.39	19.51	19.46	20	0
20	64QAM	1	99	19.33	19.47	19.42		
20	64QAM	50	0	19.08	19.20	19.08		
20	64QAM	50	24	19.09	19.17	19.14	20	0
20	64QAM	50	50	19.05	19.20	19.12		
20	64QAM	100	0	19.06	19.16	19.04		
20	256QAM	1	0	19.15	19.35	19.28		
20	256QAM	1	49	19.42	19.27	19.22	20	0
20	256QAM	1	99	19.30	19.36	19.27		
20	256QAM	50	0	19.07	19.27	19.10		
20	256QAM	50	24	19.30	19.30	19.30	20	0
20	256QAM	50	50	19.23	19.33	19.29		
20	256QAM	100	0	19.37	19.32	19.31		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.33	19.45	19.48		
15	QPSK	1	37	19.25	19.50	19.29	20	0
15	QPSK	1	74	19.24	19.44	19.31		
15	QPSK	36	0	19.40	19.39	19.34		
15	QPSK	36	20	19.24	19.29	19.34	20	0
15	QPSK	36	39	19.22	19.41	19.23		
15	QPSK	75	0	19.29	19.42	19.32		
15	16QAM	1	0	19.24	19.39	19.47		
15	16QAM	1	37	19.18	19.41	19.42	20	0
15	16QAM	1	74	19.31	19.47	19.25		
15	16QAM	36	0	19.21	19.30	19.31		
15	16QAM	36	20	19.32	19.48	19.32	20	0
15	16QAM	36	39	19.31	19.42	19.41		
15	16QAM	75	0	19.32	19.36	19.32		
15	64QAM	1	0	19.32	19.36	19.33		
15	64QAM	1	37	19.27	19.39	19.45	20	0
15	64QAM	1	74	19.20	19.33	19.40		
15	64QAM	36	0	18.98	19.14	19.03		
15	64QAM	36	20	18.98	19.12	19.05	20	0
15	64QAM	36	39	18.98	19.15	19.04		
15	64QAM	75	0	19.04	19.10	19.00		
15	256QAM	1	0	19.13	19.29	19.16		
15	256QAM	1	37	19.29	19.26	19.19	20	0
15	256QAM	1	74	19.28	19.25	19.17		
15	256QAM	36	0	18.93	19.12	19.00		
15	256QAM	36	20	19.23	19.20	19.18	20	0
15	256QAM	36	39	19.11	19.18	19.19		
15	256QAM	75	0	19.24	19.26	19.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.35	19.53	19.44		
10	QPSK	1	25	19.37	19.42	19.21	20	0
10	QPSK	1	49	19.35	19.41	19.34		
10	QPSK	25	0	19.38	19.49	19.35		
10	QPSK	25	12	19.28	19.38	19.25	20	0
10	QPSK	25	25	19.18	19.44	19.27		
10	QPSK	50	0	19.38	19.41	19.29		
10	16QAM	1	0	19.22	19.38	19.45		
10	16QAM	1	25	19.18	19.55	19.34	20	0
10	16QAM	1	49	19.35	19.40	19.33		
10	16QAM	25	0	19.32	19.41	19.29		
10	16QAM	25	12	19.34	19.47	19.40	20	0
10	16QAM	25	25	19.24	19.38	19.30		
10	16QAM	50	0	19.32	19.47	19.26		
10	64QAM	1	0	19.33	19.39	19.29		
10	64QAM	1	25	19.36	19.41	19.38	20	0
10	64QAM	1	49	19.24	19.36	19.30		
10	64QAM	25	0	18.94	19.19	19.03		
10	64QAM	25	12	19.03	19.11	19.04	20	0
10	64QAM	25	25	18.93	19.11	19.09		
10	64QAM	50	0	18.96	19.12	18.99		
10	256QAM	1	0	19.00	19.25	19.14		
10	256QAM	1	25	19.28	19.22	19.12	20	0
10	256QAM	1	49	19.29	19.25	19.19		
10	256QAM	25	0	18.94	19.24	18.99		
10	256QAM	25	12	19.21	19.27	19.29	20	0
10	256QAM	25	25	19.09	19.24	19.22		
10	256QAM	50	0	19.26	19.26	19.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.42	19.47	19.36		
5	QPSK	1	12	19.37	19.45	19.22	20	0
5	QPSK	1	24	18.98	19.48	19.29		
5	QPSK	12	0	19.44	19.49	19.44		
5	QPSK	12	7	19.31	19.43	19.39	20	0
5	QPSK	12	13	19.25	19.40	19.22		
5	QPSK	25	0	19.40	19.40	19.33		
5	16QAM	1	0	19.32	19.29	19.40		
5	16QAM	1	12	19.20	19.46	19.47	20	0
5	16QAM	1	24	19.32	19.48	19.33		
5	16QAM	12	0	19.22	19.41	19.28		
5	16QAM	12	7	19.28	19.44	19.33	20	0
5	16QAM	12	13	19.23	19.41	19.42		
5	16QAM	25	0	19.43	19.43	19.38		
5	64QAM	1	0	19.32	19.37	19.41		
5	64QAM	1	12	19.36	19.38	19.37	20	0
5	64QAM	1	24	19.21	19.46	19.32		
5	64QAM	12	0	19.05	19.09	19.04		
5	64QAM	12	7	19.05	19.05	18.99	20	0
5	64QAM	12	13	18.96	19.08	19.07		
5	64QAM	25	0	19.03	19.03	18.98		
5	256QAM	1	0	19.14	19.34	19.25		
5	256QAM	1	12	19.39	19.20	19.13	20	0
5	256QAM	1	24	19.29	19.24	19.19		
5	256QAM	12	0	19.02	19.19	19.08		
5	256QAM	12	7	19.25	19.16	19.23	20	0
5	256QAM	12	13	19.08	19.24	19.15		
5	256QAM	25	0	19.29	19.27	19.27		

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.00	16.09	15.95		
20	QPSK	1	49	15.97	15.91	15.79	16.3	0
20	QPSK	1	99	15.95	15.94	15.91		
20	QPSK	50	0	15.97	16.03	15.93		
20	QPSK	50	24	15.86	15.95	15.91	16.3	0
20	QPSK	50	50	15.90	15.94	15.83		
20	QPSK	100	0	15.88	16.02	15.80		
20	16QAM	1	0	15.97	15.97	15.80		
20	16QAM	1	49	15.89	15.91	15.88	16.3	0
20	16QAM	1	99	15.85	15.95	15.80		
20	16QAM	50	0	15.99	16.01	15.83		
20	16QAM	50	24	15.85	16.02	15.89	16.3	0
20	16QAM	50	50	15.98	16.03	15.77		
20	16QAM	100	0	15.91	15.96	15.84		
20	64QAM	1	0	15.85	15.91	15.86		
20	64QAM	1	49	15.91	15.92	15.87	16.3	0
20	64QAM	1	99	15.92	16.00	15.81		
20	64QAM	50	0	15.99	15.95	15.79		
20	64QAM	50	24	15.89	16.01	15.81	16.3	0
20	64QAM	50	50	15.92	16.01	15.78		
20	64QAM	100	0	15.89	15.91	15.79		
20	256QAM	1	0	15.97	15.96	15.82		
20	256QAM	1	49	15.97	15.93	15.77	16.3	0
20	256QAM	1	99	15.94	16.03	15.86		
20	256QAM	50	0	15.99	15.91	15.88		
20	256QAM	50	24	15.88	15.97	15.77	16.3	0
20	256QAM	50	50	15.88	15.92	15.90		
20	256QAM	100	0	15.92	15.93	15.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.99	15.91	15.83		
15	QPSK	1	37	15.84	15.81	15.71	16.3	0
15	QPSK	1	74	15.81	15.81	15.89		
15	QPSK	36	0	15.82	15.95	15.92		
15	QPSK	36	20	15.85	15.82	15.81	16.3	0
15	QPSK	36	39	15.79	15.84	15.79		
15	QPSK	75	0	15.84	15.98	15.77		
15	16QAM	1	0	15.92	15.88	15.72		
15	16QAM	1	37	15.78	15.90	15.85	16.3	0
15	16QAM	1	74	15.81	15.92	15.68		
15	16QAM	36	0	15.91	15.96	15.78		
15	16QAM	36	20	15.76	15.93	15.85	16.3	0
15	16QAM	36	39	15.94	15.92	15.72		
15	16QAM	75	0	15.81	15.83	15.74		
15	64QAM	1	0	15.81	15.76	15.71		
15	64QAM	1	37	15.86	15.91	15.79	16.3	0
15	64QAM	1	74	15.78	15.87	15.80		
15	64QAM	36	0	15.91	15.81	15.77		
15	64QAM	36	20	15.74	15.99	15.74	16.3	0
15	64QAM	36	39	15.96	15.87	15.70		
15	64QAM	75	0	15.85	15.87	15.74		
15	256QAM	1	0	15.90	15.89	15.68		
15	256QAM	1	37	15.96	15.89	15.68	16.3	0
15	256QAM	1	74	15.90	15.91	15.83		
15	256QAM	36	0	15.85	15.88	15.85		
15	256QAM	36	20	15.79	15.87	15.75	16.3	0
15	256QAM	36	39	15.81	15.91	15.78		
15	256QAM	75	0	15.79	15.81	15.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.98	15.99	15.80		
10	QPSK	1	25	15.94	15.89	15.70	16.3	0
10	QPSK	1	49	15.91	15.88	15.90		
10	QPSK	25	0	15.93	15.93	15.81		
10	QPSK	25	12	15.72	15.91	15.81	16.3	0
10	QPSK	25	25	15.82	15.79	15.75		
10	QPSK	50	0	15.83	15.97	15.72		
10	16QAM	1	0	15.83	15.94	15.74		
10	16QAM	1	25	15.82	15.90	15.79	16.3	0
10	16QAM	1	49	15.79	15.87	15.66		
10	16QAM	25	0	15.96	15.86	15.79		
10	16QAM	25	12	15.77	15.90	15.77	16.3	0
10	16QAM	25	25	15.90	15.90	15.73		
10	16QAM	50	0	15.88	15.88	15.77		
10	64QAM	1	0	15.84	15.87	15.85		
10	64QAM	1	25	15.90	15.79	15.74	16.3	0
10	64QAM	1	49	15.86	15.90	15.73		
10	64QAM	25	0	15.94	15.80	15.70		
10	64QAM	25	12	15.87	15.90	15.78	16.3	0
10	64QAM	25	25	15.87	15.87	15.63		
10	64QAM	50	0	15.75	15.80	15.65		
10	256QAM	1	0	15.89	15.94	15.74		
10	256QAM	1	25	15.95	15.78	15.76	16.3	0
10	256QAM	1	49	15.82	15.91	15.70		
10	256QAM	25	0	15.86	15.86	15.74		
10	256QAM	25	12	15.83	15.96	15.62	16.3	0
10	256QAM	25	25	15.79	15.82	15.75		
10	256QAM	50	0	15.87	15.83	15.83		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.87	15.99	15.88		
5	QPSK	1	12	15.94	15.89	15.77	16.3	0
5	QPSK	1	24	15.88	15.91	15.84		
5	QPSK	12	0	15.89	16.01	15.91		
5	QPSK	12	7	15.82	15.90	15.83	16.3	0
5	QPSK	12	13	15.84	15.89	15.73		
5	QPSK	25	0	15.95	15.99	15.68		
5	16QAM	1	0	15.90	15.85	15.70		
5	16QAM	1	12	15.82	15.84	15.87	16.3	0
5	16QAM	1	24	15.73	15.91	15.70		
5	16QAM	12	0	15.90	15.91	15.79		
5	16QAM	12	7	15.70	15.98	15.81	16.3	0
5	16QAM	12	13	15.90	16.00	15.67		
5	16QAM	25	0	15.83	15.83	15.83		
5	64QAM	1	0	15.78	15.90	15.71		
5	64QAM	1	12	15.79	15.82	15.84	16.3	0
5	64QAM	1	24	15.75	15.85	15.76		
5	64QAM	12	0	15.87	15.80	15.74		
5	64QAM	12	7	15.81	16.00	15.77	16.3	0
5	64QAM	12	13	15.80	16.00	15.63		
5	64QAM	25	0	15.87	15.80	15.76		
5	256QAM	1	0	15.84	15.92	15.69		
5	256QAM	1	12	15.83	15.80	15.73	16.3	0
5	256QAM	1	24	15.88	15.96	15.81		
5	256QAM	12	0	15.89	15.89	15.77		
5	256QAM	12	7	15.73	15.95	15.64	16.3	0
5	256QAM	12	13	15.76	15.82	15.79		
5	256QAM	25	0	15.77	15.83	15.80		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.73	23.79	23.70		
10	QPSK	1	25	23.63	23.72	23.61	24.3	0
10	QPSK	1	49	23.62	23.76	23.63		
10	QPSK	25	0	22.70	22.82	22.70		
10	QPSK	25	12	22.53	22.62	22.51	23.3	1
10	QPSK	25	25	22.62	22.74	22.59		
10	QPSK	50	0	22.60	22.70	22.55		
10	16QAM	1	0	22.77	22.89	22.79		
10	16QAM	1	25	23.01	23.03	22.88	23.3	1
10	16QAM	1	49	22.85	22.87	22.79		
10	16QAM	25	0	21.49	21.64	21.56		
10	16QAM	25	12	21.63	21.70	21.58	22.3	2
10	16QAM	25	25	21.73	21.79	21.66		
10	16QAM	50	0	21.68	21.75	21.73		
10	64QAM	1	0	21.75	21.87	21.86		
10	64QAM	1	25	21.87	21.99	21.84	22.3	2
10	64QAM	1	49	21.84	21.92	21.78		
10	64QAM	25	0	20.60	20.66	20.65		
10	64QAM	25	12	20.59	20.66	20.52	21.3	3
10	64QAM	25	25	20.67	20.72	20.67		
10	64QAM	50	0	20.64	20.71	20.64		
10	256QAM	1	0	18.51	18.58	18.47		
10	256QAM	1	25	18.57	18.59	18.58	19.3	5
10	256QAM	1	49	18.53	18.67	18.65		
10	256QAM	25	0	18.49	18.59	18.55		
10	256QAM	25	12	18.48	18.56	18.52	19.3	5
10	256QAM	25	25	18.56	18.58	18.48		
10	256QAM	50	0	18.51	18.61	18.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.62	23.73	23.60		
5	QPSK	1	12	23.59	23.67	23.47	24.3	0
5	QPSK	1	24	23.55	23.63	23.53		
5	QPSK	12	0	22.60	22.68	22.63		
5	QPSK	12	7	22.40	22.59	22.50	23.3	1
5	QPSK	12	13	22.59	22.72	22.56		
5	QPSK	25	0	22.49	22.64	22.44		
5	16QAM	1	0	22.65	22.82	22.65		
5	16QAM	1	12	22.95	22.88	22.82	23.3	1
5	16QAM	1	24	22.79	22.83	22.69		
5	16QAM	12	0	21.38	21.54	21.50		
5	16QAM	12	7	21.58	21.69	21.55	22.3	2
5	16QAM	12	13	21.66	21.77	21.60		
5	16QAM	25	0	21.54	21.61	21.67		
5	64QAM	1	0	21.71	21.74	21.77		
5	64QAM	1	12	21.84	21.88	21.74	22.3	2
5	64QAM	1	24	21.79	21.91	21.73		
5	64QAM	12	0	20.56	20.61	20.62		
5	64QAM	12	7	20.45	20.65	20.42	21.3	3
5	64QAM	12	13	20.66	20.62	20.70		
5	64QAM	25	0	20.53	20.68	20.54		
5	256QAM	1	0	18.41	18.57	18.41		
5	256QAM	1	12	18.45	18.54	18.48	19.3	5
5	256QAM	1	24	18.38	18.52	18.63		
5	256QAM	12	0	18.36	18.57	18.48		
5	256QAM	12	7	18.44	18.55	18.37	19.3	5
5	256QAM	12	13	18.55	18.57	18.38		
5	256QAM	25	0	18.44	18.49	18.39		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.59	23.73	23.68		
3	QPSK	1	8	23.50	23.60	23.54	24.3	0
3	QPSK	1	14	23.58	23.72	23.58		
3	QPSK	8	0	22.61	22.74	22.62		
3	QPSK	8	4	22.47	22.49	22.45	23.3	1
3	QPSK	8	7	22.51	22.70	22.48		
3	QPSK	15	0	22.45	22.65	22.54		
3	16QAM	1	0	22.74	22.77	22.65		
3	16QAM	1	8	22.96	22.92	22.73	23.3	1
3	16QAM	1	14	22.81	22.78	22.73		
3	16QAM	8	0	21.34	21.56	21.51		
3	16QAM	8	4	21.56	21.62	21.56	22.3	2
3	16QAM	8	7	21.67	21.73	21.57		
3	16QAM	15	0	21.54	21.68	21.67		
3	64QAM	1	0	21.70	21.81	21.84		
3	64QAM	1	8	21.73	21.92	21.72	22.3	2
3	64QAM	1	14	21.80	21.88	21.73		
3	64QAM	8	0	20.56	20.64	20.57		
3	64QAM	8	4	20.55	20.51	20.37	21.3	3
3	64QAM	8	7	20.56	20.68	20.66		
3	64QAM	15	0	20.60	20.62	20.54		
3	256QAM	1	0	18.40	18.44	18.32		
3	256QAM	1	8	18.46	18.51	18.51	19.3	5
3	256QAM	1	14	18.48	18.53	18.55		
3	256QAM	8	0	18.39	18.52	18.51		
3	256QAM	8	4	18.35	18.41	18.37	19.3	5
3	256QAM	8	7	18.55	18.49	18.45		
3	256QAM	15	0	18.42	18.57	18.46		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.72	23.71	23.62		
1.4	QPSK	1	3	23.50	23.63	23.53		
1.4	QPSK	1	5	23.48	23.52	23.42	24.3	0
1.4	QPSK	3	0	23.63	23.64	23.53		
1.4	QPSK	3	1	23.38	23.53	23.40		
1.4	QPSK	3	3	23.40	23.64	23.41		
1.4	QPSK	6	0	22.45	22.63	22.47	23.3	1
1.4	16QAM	1	0	22.73	22.84	22.75		
1.4	16QAM	1	3	22.95	22.97	22.86		
1.4	16QAM	1	5	22.81	22.79	22.71	23.3	1
1.4	16QAM	3	0	22.58	22.70	22.74		
1.4	16QAM	3	1	22.94	22.93	22.80		
1.4	16QAM	3	3	22.76	22.71	22.63		
1.4	16QAM	6	0	21.54	21.73	21.65	22.3	2
1.4	64QAM	1	0	21.66	21.73	21.79		
1.4	64QAM	1	3	21.76	21.97	21.82		
1.4	64QAM	1	5	21.78	21.87	21.74	22.3	2
1.4	64QAM	3	0	21.64	21.65	21.68		
1.4	64QAM	3	1	21.70	21.86	21.72		
1.4	64QAM	3	3	21.76	21.86	21.72		
1.4	64QAM	6	0	20.59	20.66	20.50	21.3	3
1.4	256QAM	1	0	18.49	18.52	18.34		
1.4	256QAM	1	3	18.47	18.50	18.47		
1.4	256QAM	1	5	18.47	18.63	18.59	19.3	5
1.4	256QAM	3	0	18.47	18.58	18.45		
1.4	256QAM	3	1	18.42	18.41	18.47		
1.4	256QAM	3	3	18.46	18.51	18.37		
1.4	256QAM	6	0	18.46	18.56	18.46	19.3	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.87	22.97	22.90		
10	QPSK	1	25	22.82	22.94	22.83	23.4	0
10	QPSK	1	49	22.87	22.90	22.81		
10	QPSK	25	0	21.79	21.94	21.80		
10	QPSK	25	12	21.79	21.85	21.70	22.4	1
10	QPSK	25	25	21.80	21.85	21.80		
10	QPSK	50	0	21.79	21.91	21.88		
10	16QAM	1	0	22.02	22.16	22.12		
10	16QAM	1	25	22.12	22.14	22.11	22.4	1
10	16QAM	1	49	22.12

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.70		24.8	0
10	QPSK	1	25		23.64			
10	QPSK	1	49		23.48			
10	QPSK	25	0		22.68		23.8	1
10	QPSK	25	12		22.65			
10	QPSK	25	25		22.67			
10	QPSK	50	0		22.63			
10	16QAM	1	0		22.75		23.8	1
10	16QAM	1	25		23.02			
10	16QAM	1	49		22.86			
10	16QAM	25	0		21.69		22.8	2
10	16QAM	25	12		21.72			
10	16QAM	25	25		21.68			
10	16QAM	50	0		21.65			
10	64QAM	1	0		21.81		22.8	2
10	64QAM	1	25		21.89			
10	64QAM	1	49		21.73			
10	64QAM	25	0		20.70		21.8	3
10	64QAM	25	12		20.70			
10	64QAM	25	25		20.73			
10	64QAM	50	0		20.68			
10	256QAM	1	0		18.60		19.8	5
10	256QAM	1	25		18.64			
10	256QAM	1	49		18.62			
10	256QAM	25	0		18.56		19.8	5
10	256QAM	25	12		18.57			
10	256QAM	25	25		18.54			
10	256QAM	50	0		18.56			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.63	23.62	23.67	24.8	0
5	QPSK	1	12	23.59	23.54	23.63		
5	QPSK	1	24	23.43	23.47	23.34		
5	QPSK	12	0	22.58	22.60	22.66	23.8	1
5	QPSK	12	7	22.60	22.59	22.64		
5	QPSK	12	13	22.53	22.55	22.63		
5	QPSK	25	0	22.51	22.60	22.60		
5	16QAM	1	0	22.73	22.72	22.65	23.8	1
5	16QAM	1	12	22.89	22.89	23.01		
5	16QAM	1	24	22.74	22.84	22.85		
5	16QAM	12	0	21.65	21.64	21.68	22.8	2
5	16QAM	12	7	21.60	21.61	21.59		
5	16QAM	12	13	21.64	21.56	21.63		
5	16QAM	25	0	21.51	21.51	21.54		
5	64QAM	1	0	21.67	21.66	21.79	22.8	2
5	64QAM	1	12	21.76	21.86	21.86		
5	64QAM	1	24	21.58	21.59	21.69		
5	64QAM	12	0	20.66	20.65	20.68	21.8	3
5	64QAM	12	7	20.63	20.68	20.58		
5	64QAM	12	13	20.62	20.58	20.71		
5	64QAM	25	0	20.53	20.64	20.65		
5	256QAM	1	0	18.42	18.44	18.44	19.8	5
5	256QAM	1	12	18.61	18.49	18.51		
5	256QAM	1	24	18.52	18.58	18.56		
5	256QAM	12	0	18.53	18.56	18.60	19.8	5
5	256QAM	12	7	18.41	18.47	18.45		
5	256QAM	12	13	18.48	18.38	18.48		
5	256QAM	25	0	18.60	18.56	18.61		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.95		23.9	0
10	QPSK	1	25		22.87			
10	QPSK	1	49		22.46			
10	QPSK	25	0		21.90		22.9	1
10	QPSK	25	12		21.81			
10	QPSK	25	25		21.79			
10	QPSK	50	0		21.80			
10	16QAM	1	0		22.03		22.9	1
10	16QAM	1	25		22.02			
10	16QAM	1	49		22.03			
10	16QAM	25	0		20.81		21.9	2
10	16QAM	25	12		20.86			
10	16QAM	25	25		20.84			
10	16QAM	50	0		20.79			
10	64QAM	1	0		20.99		21.9	2
10	64QAM	1	25		20.96			
10	64QAM	1	49		20.92			
10	64QAM	25	0		19.84		20.9	3
10	64QAM	25	12		19.85			
10	64QAM	25	25		19.85			
10	64QAM	50	0		19.85			
10	256QAM	1	0		17.55		18.9	5
10	256QAM	1	25		17.58			
10	256QAM	1	49		17.60			
10	256QAM	25	0		17.69		18.9	5
10	256QAM	25	12		17.58			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.72	22.71	22.72	23.9	0
5	QPSK	1	12	22.80	22.79	22.73		
5	QPSK	1	24	22.37	22.39	22.36		
5	QPSK	12	0	21.68	21.66	21.70	22.9	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.70	21.75	21.74		
5	QPSK	25	0	21.70	21.69	21.66		
5	16QAM	1	0	21.89	21.94	21.99	22.9	1
5	16QAM	1	12	21.92	21.91	21.98		
5	16QAM	1	24	21.96	21.97	21.88		
5	16QAM	12	0	20.70	20.69	20.71	21.9	2
5	16QAM	12	7	20.79	20.76	20.78		
5	16QAM	12	13	20.73	20.71	20.75		
5	16QAM	25	0	20.66	20.77	20.64		
5	64QAM	1	0	20.95	20.84	20.98	21.9	2
5	64QAM	1	12	20.82	20.93	20.89		
5	64QAM	1	24	20.84	20.90	20.91		
5	64QAM	12	0	19.77	19.75	19.71	20.9	3
5	64QAM	12	7	19.83	19.84	19.80		
5	64QAM	12	13	19.73	19.83	19.77		
5	64QAM	25	0	19.71	19.84	19.75		
5	256QAM	1	0	17.55	17.56	17.54	18.9	5
5	256QAM	1	12	17.61	17.59	17.56		
5	256QAM	1	24	17.55	17.52	17.51		
5	256QAM	12	0	17.59	17.65	17.59	18.9	5
5	256QAM	12	7	17.66	17.59	17.71		
5	256QAM	12	13	17.52	17.55	17.53		
5	256QAM	25	0	17.58	17.51	17.64		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.60	23.76	23.74	24.3	0
10	QPSK	1	25	23.57	23.67	23.57		
10	QPSK	1	49	23.59	23.66	23.62		
10	QPSK	25	0	22.57	22.67	22.62	23.3	1
10	QPSK	25	12	22.50	22.56	22.46		
10	QPSK	25	25	22.54	22.59	22.57		
10	QPSK	50	0	22.38	22.49	22.39		
10	16QAM	1	0	22.63	22.77	22.69	23.3	1
10	16QAM	1	25	22.79	22.82	22.78		
10	16QAM	1	49	22.83	22.92	22.78		
10	16QAM	25	0	21.47	21.50	21.47	22.3	2
10	16QAM	25	12	21.44	21.56	21.43		
10	16QAM	25	25	21.50	21.61	21.57		
10	16QAM	50	0	21.45	21.54	21.51		
10	64QAM	1	0	21.48	21.60	21.51	22.3	2
10	64QAM	1	25	21.78	21.81	21.79		
10	64QAM	1	49	21.65	21.70	21.55		
10	64QAM	25	0	20.42	20.52	20.45	21.3	3
10	64QAM	25	12	20.43	20.55	20.48		
10	64QAM	25	25	20.51	20.63	20.51		
10	64QAM	50	0	20.37	20.47	20.43		
10	256QAM	1	0	18.36	18.35	18.39	19.3	5
10	256QAM	1	25	18.31	18.37	18.28		
10	256QAM	1	49	18.35	18.33	18.35		
10	256QAM	25	0	18.46	18.43	18.46	19.3	5
10	256QAM	25	12	18.33	18.35	18.46		
10	256QAM	25	25	18.34	18.41	18.39		
10	256QAM	50	0	18.38	18.39	18.37		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.59	23.65	23.63	24.3	0
5	QPSK	1	12	23.42	23.66	23.45		
5	QPSK	1	24	23.46	23.63	23.59		
5	QPSK	12	0	22.46	22.61	22.53	23.3	1
5	QPSK	12	7	22.39	22.42	22.42		
5	QPSK	12	13	22.52	22.51	22.53		
5	QPSK	25	0	22.23	22.45	22.28		
5	16QAM	1	0	22.54	22.74	22.68	23.3	1
5	16QAM	1	12	22.78	22.75	22.70		
5	16QAM	1	24	22.78	22.88	22.73		
5	16QAM	12	0	21.42	21.49	21.42	22.3	2
5	16QAM	12	7	21.38	21.43	21.37		
5	16QAM	12	13	21.44	21.48	21.53		
5	16QAM	25	0	21.30	21.45	21.43		
5	64QAM	1	0	21.44	21.45	21.41	22.3	2
5	64QAM	1	12	21.77	21.68	21.78		
5	64QAM	1	24	21.50	21.64	21.45		
5	64QAM	12	0	20.30	20.41	20.32	21.3	3
5	64QAM	12	7	20.40	20.50	20.46		
5	64QAM	12	13	20.47	20.57	20.46		
5	64QAM	25	0	20.25	20.37	20.39		
5	256QAM	1	0	18.23	18.34	18.26	19.3	5
5	256QAM	1	12	18.24	18.30	18.13		
5	256QAM	1	24	18.24	18.19	18.25		
5	256QAM	12	0	18.43	18.40	18.42	19.3	5
5	256QAM	12	7	18.27	18.29	18.33		
5	256QAM	12	13	18.22	18.26	18.28		
5	256QAM	25	0	18.32	18.35	18.32		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.83	22.96	22.87	23.4	0
10	QPSK	1	49	22.69	22.80	22.70		
10	QPSK	25	0	21.76	21.90	21.84	22.4	1
10	QPSK	25	12	21.64	21.77	21.64		
10	QPSK	25	25	21.70	21.82	21.80		
10	QPSK	50	0	21.63	21.70	21.66		
10	16QAM	1	0	22.03	22.09	22.04	22.4	1
10	16QAM	1	25	21.97	22.03	21.92		
10	16QAM	1	49	22.04	22.09	22.03		
10	16QAM	25	0	20.72	20.76	20.71	21.4	2
10	16QAM	25	12	20.78	20.82	20.67		
10	16QAM	25	25	20.78	20.87	20.85		
10	16QAM	50	0	20.69	20.71	20.59		
10	64QAM	1	0	20.87	21.01	21.00	21.4	2
10	64QAM	1	25	20.99	21.10	20.99		
10	64QAM	1	49	20.81	20.91	20.76		
10	64QAM	25	0	19.65	19.69	19.62	20.4	3
10	64QAM	25	12	19.79	19.81	19.80		
10	64QAM	25	25	19.84	19.88	19.85		
10	64QAM	50	0	19.74	19.79	19.68		
10	256QAM	1	0	17.63	17.68	17.66	18.4	5
10	256QAM	1	25	17.71	17.57	17.63		
10	256QAM	1	49	17.69	17.59	17.69		
10	256QAM	25	0	17.70	17.71	17.57	18.4	5
10	256QAM	25	12	17.63	17.59	17.58		
10	256QAM	25	25	17.68	17.62	17.70		
10	256QAM	50	0	17.59	17.70	17.61		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.72	22.82	22.77	23.4	0
5	QPSK	1	12	22.75	22.83	22.83		
5	QPSK	1	24	22.65	22.67	22.56		
5	QPSK	12	0	21.67	21.89	21.76	22.4	1
5	QPSK	12	7	21.59	21.65	21.60		
5	QPSK	12	13	21.56	21.77	21.71		
5	QPSK	25	0	21.49	21.68	21.51		
5	16QAM	1	0	22.00	21.98	22.02	22.4	1
5	16QAM	1	12	21.92	22.01	21.80		
5	16QAM	1	24	21.89	22.03	21.91		
5	16QAM	12	0	20.65	20.70	20.66	21.4	2
5	16QAM	12	7	20.69	20.67	20.53		
5	16QAM	12	13	20.75	20.78	20.83		
5	16QAM	25	0	20.59	20.69	20.47		
5	64QAM	1	0	20.85	20.95	20.88	21.4	2
5	64QAM	1	12	20.98	21.01	20.90		
5	64QAM	1	24	20.69	20.86	20.67		
5	64QAM	12	0	19.61	19.68	19.56	20.4	3
5	64QAM	12	7	19.66	19.66	19.77		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.64	19.67	19.63		
5	256QAM	1	0	17.61	17.59	17.64	18.4	5
5	256QAM	1	12	17.66	17.50	17.56		
5	256QAM	1	24	17.65	17.48	17.56		
5	256QAM	12	0	17.63	17.65	17.49	18.4	5
5	256QAM	12	7	17.51	17.56	17.48		
5	256QAM	12	13	17.62	17.56	17.61		
5	256QAM	25	0	17.56	17.57	17.48		

Band 25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
5	QPSK	1	0	17.53	17.61	17.47		
20	QPSK	1	0	17.51	17.56	17.45		
20	QPSK	1	49	17.48	17.52	17.34	17.8	0
20	QPSK	1	99	17.39	17.53	17.32		
20	QPSK	50	0	17.51	17.56	17.45		
20	QPSK	50	24	17.48	17.49	17.32	17.8	0
20	QPSK	50	50	17.39	17.50	17.32		
20	QPSK	100	0	17.51	17.55	17.40		
20	16QAM	1	0	17.49	17.59	17.35		
20	16QAM	1	49	17.48	17.48	17.38	17.8	0
20	16QAM	1	99	17.38	17.60	17.44		
20	16QAM	50	0	17.44	17.56	17.45		
20	16QAM	50	24	17.51	17.47	17.32	17.8	0
20	16QAM	50	50	17.38	17.46	17.32		
20	16QAM	100	0	17.50	17.46	17.39		
20	64QAM	1	0	17.47	17.52	17.43		
20	64QAM	1	49	17.40	17.49	17.33	17.8	0
20	64QAM	1	99	17.46	17.49	17.41		
20	64QAM	50	0	17.43	17.48	17.43		
20	64QAM	50	24	17.44	17.55	17.32	17.8	0
20	64QAM	50	50	17.46	17.47	17.41		
20	64QAM	100	0	17.49	17.57	17.35		
20	256QAM	1	0	17.50	17.51	17.34		
20	256QAM	1	49	17.51	17.56	17.44	17.8	0
20	256QAM	1	99	17.48	17.55	17.32		
20	256QAM	50	0	17.52	17.46	17.40		
20	256QAM	50	24	17.49	17.47	17.39	17.8	0
20	256QAM	50	50	17.39	17.46	17.45		
20	256QAM	100	0	17.49	17.52	17.32		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	17.49	17.57	17.44		
15	QPSK	1	37	17.41	17.42	17.24	17.8	0
15	QPSK	1	74	17.36	17.48	17.18		
15	QPSK	36	0	17.36	17.48	17.43		
15	QPSK	36	20	17.43	17.43	17.21	17.8	0
15	QPSK	36	39	17.26	17.38	17.29		
15	QPSK	75	0	17.38	17.46	17.30		
15	16QAM	1	0	17.34	17.38	17.32		
15	16QAM	1	37	17.33	17.35	17.34	17.8	0
15	16QAM	1	74	17.23	17.45	17.32		
15	16QAM	36	0	17.37	17.52	17.41		
15	16QAM	36	20	17.38	17.47	17.22	17.8	0
15	16QAM	36	39	17.33	17.33	17.25		
15	16QAM	75	0	17.41	17.37	17.35		
15	64QAM	1	0	17.33	17.44	17.38		
15	64QAM	1	37	17.31	17.37	17.19	17.8	0
15	64QAM	1	74	17.32	17.43	17.26		
15	64QAM	36	0	17.29	17.34	17.36		
15	64QAM	36	20	17.36	17.43	17.28	17.8	0
15	64QAM	36	39	17.36	17.38	17.36		
15	64QAM	75	0	17.47	17.42	17.23		
15	256QAM	1	0	17.39	17.47	17.19		
15	256QAM	1	37	17.42	17.43	17.24	17.8	0
15	256QAM	1	74	17.38	17.48	17.27		
15	256QAM	36	0	17.38	17.43	17.28		
15	256QAM	36	20	17.31	17.40	17.31	17.8	0
15	256QAM	36	39	17.28	17.37	17.37		
15	256QAM	75	0	17.45	17.38	17.19		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.41	17.53	17.40		
10	QPSK	1	25	17.46	17.44	17.25	17.8	0
10	QPSK	1	49	17.29	17.43	17.17		
10	QPSK	25	0	17.38	17.44	17.44		
10	QPSK	25	12	17.40	17.45	17.21	17.8	0
10	QPSK	25	25	17.35	17.36	17.27		
10	QPSK	50	0	17.38	17.51	17.38		
10	16QAM	1	0	17.45	17.47	17.25		
10	16QAM	1	25	17.49	17.24	17.25	17.8	0
10	16QAM	1	49	17.25	17.46	17.40		
10	16QAM	25	0	17.34	17.44	17.39		
10	16QAM	25	12	17.42	17.40	17.22	17.8	0
10	16QAM	25	25	17.34	17.38	17.27		
10	16QAM	50	0	17.48	17.40	17.37		
10	64QAM	1	0	17.38	17.45	17.29		
10	64QAM	1	25	17.35	17.42	17.26	17.8	0
10	64QAM	1	49	17.33	17.39	17.26		
10	64QAM	25	0	17.36	17.44	17.39		
10	64QAM	25	12	17.37	17.52	17.23	17.8	0
10	64QAM	25	25	17.35	17.44	17.39		
10	64QAM	50	0	17.38	17.44	17.34		
10	256QAM	1	0	17.40	17.41	17.23		
10	256QAM	1	25	17.46	17.45	17.38	17.8	0
10	256QAM	1	49	17.44	17.45	17.30		
10	256QAM	25	0	17.46	17.35	17.25		
10	256QAM	25	12	17.37	17.32	17.35	17.8	0
10	256QAM	25	25	17.28	17.42	17.43		
10	256QAM	50	0	17.48	17.35	17.19		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.46	17.49	17.41		
5	QPSK	1	12	17.39	17.50	17.21	17.8	0
5	QPSK	1	24	17.34	17.47	17.30		
5	QPSK	12	0	17.43	17.49	17.30		
5	QPSK	12	7	17.39	17.46	17.27	17.8	0
5	QPSK	12	13	17.26	17.32	17.20		
5	QPSK	25	0	17.40	17.46	17.30		
5	16QAM	1	0	17.38	17.47	17.34		
5	16QAM	1	12	17.38	17.40	17.28	17.8	0
5	16QAM	1	24	17.25	17.40	17.40		
5	16QAM	12	0	17.29	17.43	17.34		
5	16QAM	12	7	17.43	17.45	17.18	17.8	0
5	16QAM	12	13	17.28	17.40	17.31		
5	16QAM	25	0	17.45	17.39	17.25		
5	64QAM	1	0	17.39	17.48	17.28		
5	64QAM	1	12	17.26	17.40	17.21	17.8	0
5	64QAM	1	24	17.35	17.47	17.29		
5	64QAM	12	0	17.31	17.45	17.38		
5	64QAM	12	7	17.42	17.49	17.19	17.8	0
5	64QAM	12	13	17.37	17.39	17.36		
5	64QAM	25	0	17.39	17.47	17.34		
5	256QAM	1	0	17.41	17.42	17.24		
5	256QAM	1	12	17.45	17.43	17.42	17.8	0
5	256QAM	1	24	17.45	17.52	17.27		
5	256QAM	12	0	17.37	17.41	17.25		
5	256QAM	12	7	17.31	17.41	17.32	17.8	0
5	256QAM	12	13	17.32	17.37	17.33		
5	256QAM	25	0	17.46	17.43	17.22		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.44	17.55	17.41		
3	QPSK	1	8	17.43	17.48	17.28	17.8	0
3	QPSK	1	14	17.46	17.54	17.24		
3	QPSK	8	0	17.42	17.54	17.42		
3	QPSK	8	4	17.42	17.44	17.30	17.8	0
3	QPSK	8	7	17.32	17.41	17.28		
3	QPSK	15	0	17.41	17.37	17.34		
3	16QAM	1	0	17.46	17.45	17.28		
3	16QAM	1	8	17.47	17.37	17.23	17.8	0
3	16QAM	1	14	17.36	17.58	17.37		
3	16QAM	8	0	17.38	17.44	17.44		
3	16QAM	8	4	17.41	17.34	17.19	17.8	0
3	16QAM	8	7	17.30	17.39	17.26		
3	16QAM	15	0	17.40	17.44	17.36		
3	64QAM	1	0	17.35	17.38	17.33		
3	64QAM	1	8	17.34	17.41	17.27	17.8	0
3	64QAM	1	14	17.31	17.34	17.29		
3	64QAM	8	0	17.29	17.39	17.38		
3	64QAM	8	4	17.35	17.46	17.27	17.8	0
3	64QAM	8	7	17.44	17.45	17.27		
3	64QAM	15	0	17.37	17.45	17.27		
3	256QAM	1	0	17.42	17.41	17.27		
3	256QAM	1	8	17.44	17.54	17.38	17.8	0
3	256QAM	1	14	17.43	17.50	17.18		
3	256QAM	8	0	17.41	17.43	17.31		
3	256QAM	8	4	17.40	17.41	17.31	17.8	0
3	256QAM	8	7	17.33	17.38	17.37		
3	256QAM	15	0	17.46	17.39	17.18		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.46	17.50	17.35		
1.4	QPSK	1	3	17.42	17.45	17.19		
1.4	QPSK	1	5	17.26	17.48	17.23	17.8	0
1.4	QPSK	3	0	17.47	17.50	17.37		
1.4	QPSK	3	1	17.38	17.48	17.31		
1.4	QPSK	3	3	17.35	17.49	17.31		
1.4	QPSK	6	0	17.44	17.40	17.26	17.8	0
1.4	16QAM	1	0	17.48	17.53	17.20		
1.4	16QAM	1	3	17.47	17.34	17.32		
1.4	16QAM	1	5	17.36	17.53	17.32	17.8	0
1.4	16QAM	3	0	17.43	17.44	17.30		
1.4	16QAM	3	1	17.50	17.34	17.21		
1.4	16QAM	3	3	17.25	17.37	17.20		
1.4	16QAM	6	0	17.45	17.41	17.26	17.8	0
1.4	64QAM	1	0	17.41	17.44	17.36		
1.4	64QAM	1	3	17.39	17.45	17.22		
1.4	64QAM	1	5	17.43	17.42	17.39	17.8	0
1.4	64QAM	3	0	17.34	17.41	17.33		
1.4	64QAM	3	1	17.36	17.40	17.21		
1.4	64QAM	3	3	17.35	17.43	17.35		
1.4	64QAM	6	0	17.35	17.46	17.33	17.8	0
1.4	256QAM	1	0	17.41	17.51	17.23		
1.4	256QAM	1	3	17.38	17.50	17.41		
1.4	256QAM	1	5	17.39	17.44	17.18	17.8	0
1.4	256QAM	3	0	17.51	17.33	17.28		
1.4	256QAM	3	1	17.35	17.35	17.29		
1.4	256QAM	3	3	17.30	17.43	17.42		
1.4	256QAM	6	0	17.46	17.50	17.19	17.8	0

Band 25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.85	16.71	16.54		
20	QPSK	1	49	16.60	16.65	16.39	17.3	0
20	QPSK	1	99	16.56	16.59	16.44		
20	QPSK	50	0	16.60	16.68	16.53		
20	QPSK	50	24	16.55	16.61	16.43	17.3	0
20	QPSK	50	50	16.59	16.66	16.42		
20	QPSK	100	0	16.53	16.60	16.49		
20	16QAM	1	0	16.54	16.63	16.41		
20	16QAM	1	49	16.56	16.59	16.46	17.3	0
20	16QAM	1	99	16.59	16.64	16.46		
20	16QAM	50	0	16.59	16.68	16.45		
20	16QAM	50	24	16.59	16.65	16.45	17.3	0
20	16QAM	50	50	16.63	16.68	16.50		
20	16QAM	100	0	16.51	16.58	16.48		
20	64QAM	1	0	16.53	16.59	16.40		
20	64QAM	1	49	16.51	16.70	16.45	17.3	0
20	64QAM	1	99	16.64	16.56	16.39		
20	64QAM	50	0	16.54	16.60	16.47		
20	64QAM	50	24	16.54	16.68	16.41	17.3	0
20	64QAM	50	50	16.59	16.66	16.51		
20	64QAM	100	0	16.52	16.64	16.49		
20	256QAM	1	0	16.54	16.67	16.53		
20	256QAM	1	49	16.54	16.68	16.49	17.3	0
20	256QAM	1	99	16.64	16.62	16.52		
20	256QAM	50	0	16.61	16.56	16.41		
20	256QAM	50	24	16.64	16.70	16.41	17.3	0
20	256QAM	50	50	16.60	16.65	16.41		
20	256QAM	100	0	16.64	16.62	16.41		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	16.64	16.58	16.43		
15	QPSK	1	37	16.49	16.62	16.32	17.3	0
15	QPSK	1	74	16.44	16.52	16.34		
15	QPSK	36	0	16.52	16.65	16.42		
15	QPSK	36	20	16.50	16.53	16.38	17.3	0
15	QPSK	36	39	16.55	16.57	16.33		
15	QPSK	75	0	16.47	16.45	16.35		
15	16QAM	1	0	16.51	16.57	16.37		
15	16QAM	1	37	16.48	16.58	16.41	17.3	0
15	16QAM	1	74	16.45	16.59	16.34		
15	16QAM	36	0	16.50	16.52	16.34		
15	16QAM	36	20	16.46	16.61	16.36	17.3	0
15	16QAM	36	39	16.51	16.64	16.43		
15	16QAM	75	0	16.44	16.46	16.46		
15	64QAM	1	0	16.46	16.56	16.37		
15	64QAM	1	37	16.44	16.65	16.44	17.3	0
15	64QAM	1	74	16.53	16.45	16.29		
15	64QAM	36	0	16.47	16.49	16.43		
15	64QAM	36	20	16.45	16.61	16.37	17.3	0
15	64QAM	36	39	16.48	16.47	16.46		
15	64QAM	75	0	16.37	16.49	16.47		
15	256QAM	1	0	16.40	16.54	16.50		
15	256QAM	1	37	16.46	16.63	16.38	17.3	0
15	256QAM	1	74	16.54	16.56	16.49		
15	256QAM	36	0	16.53	16.46	16.30		
15	256QAM	36	20	16.49	16.56	16.34	17.3	0
15	256QAM	36	39	16.47	16.55	16.29		
15	256QAM	75	0	16.56	16.52	16.27		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.51	16.59	16.51		
10	QPSK	1	25	16.58	16.58	16.28	17.3	0
10	QPSK	1	49	16.48	16.54	16.42		
10	QPSK	25	0	16.49	16.53	16.40		
10	QPSK	25	12	16.51	16.56	16.28	17.3	0
10	QPSK	25	25	16.57	16.61	16.34		
10	QPSK	50	0	16.47	16.45	16.45		
10	16QAM	1	0	16.46	16.61	16.29		
10	16QAM	1	25	16.48	16.53	16.45	17.3	0
10	16QAM	1	49	16.50	16.49	16.34		
10	16QAM	25	0	16.54	16.58	16.32		
10	16QAM	25	12	16.58	16.60	16.30	17.3	0
10	16QAM	25	25	16.51	16.57	16.36		
10	16QAM	50	0	16.47	16.44	16.40		
10	64QAM	1	0	16.42	16.67	16.36		
10	64QAM	1	25	16.40	16.69	16.31	17.3	0
10	64QAM	1	49	16.58	16.46	16.42		
10	64QAM	25	0	16.44	16.59	16.41		
10	64QAM	25	12	16.52	16.66	16.36	17.3	0
10	64QAM	25	25	16.57	16.52	16.35		
10	64QAM	50	0	16.37	16.63	16.47		
10	256QAM	1	0	16.41	16.60	16.41		
10	256QAM	1	25	16.45	16.63	16.46	17.3	0
10	256QAM	1	49	16.51	16.54	16.41		
10	256QAM	25	0	16.51	16.45	16.33		
10	256QAM	25	12	16.41	16.58	16.35	17.3	0
10	256QAM	25	25	16.55	16.60	16.38		
10	256QAM	50	0	16.51	16.52	16.35		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.56	16.66	16.40		
5	QPSK	1	12	16.45	16.62	16.25	17.3	0
5	QPSK	1	24	16.47	16.62	16.36		
5	QPSK	12	0	16.59	16.53	16.52		
5	QPSK	12	7	16.50	16.49	16.32	17.3	0
5	QPSK	12	13	16.53	16.49	16.28		
5	QPSK	25	0	16.41	16.53	16.40		
5	16QAM	1	0	16.44	16.53	16.33		
5	16QAM	1	12	16.53	16.53	16.36	17.3	0
5	16QAM	1	24	16.48	16.52	16.36		
5	16QAM	12	0	16.48	16.56	16.36		
5	16QAM	12	7	16.53	16.59	16.37	17.3	0
5	16QAM	12	13	16.55	16.66	16.38		
5	16QAM	25	0	16.50	16.52	16.46		
5	64QAM	1	0	16.44	16.56	16.34		
5	64QAM	1	12	16.41	16.59	16.33	17.3	0
5	64QAM	1	24	16.51	16.54	16.34		
5	64QAM	12	0	16.51	16.55	16.32		
5	64QAM	12	7	16.47	16.60	16.40	17.3	0
5	64QAM	12	13	16.45	16.54	16.43		
5	64QAM	25	0	16.43	16.55	16.45		
5	256QAM	1	0	16.44	16.59	16.46		
5	256QAM	1	12	16.40	16.63	16.37	17.3	0
5	256QAM	1	24	16.54	16.60	16.47		
5	256QAM	12	0	16.46	16.38	16.39		
5	256QAM	12	7	16.44	16.69	16.39	17.3	0
5	256QAM	12	13	16.50	16.62	16.32		
5	256QAM	25	0	16.56	16.53	16.26		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.64	16.59	16.46		
3	QPSK	1	8	16.58	16.61	16.26	17.3	0
3	QPSK	1	14	16.52	16.56	16.41		
3	QPSK	8	0	16.49	16.67	16.40		
3	QPSK	8	4	16.49	16.51	16.28	17.3	0
3	QPSK	8	7	16.54	16.56	16.34		
3	QPSK	15	0	16.45	16.58	16.43		
3	16QAM	1	0	16.43	16.51	16.35		
3	16QAM	1	8	16.45	16.47	16.32	17.3	0
3	16QAM	1	14	16.56	16.51	16.37		
3	16QAM	8	0	16.58	16.54	16.35		
3	16QAM	8	4	16.47	16.57	16.35	17.3	0
3	16QAM	8	7	16.60	16.54	16.36		
3	16QAM	15	0	16.48	16.45	16.39		
3	64QAM	1	0	16.35	16.51	16.37		
3	64QAM	1	8	16.43	16.61	16.32	17.3	0
3	64QAM	1	14	16.55	16.47	16.27		
3	64QAM	8	0	16.41	16.35	16.25		
3	64QAM	8	4	16.52	16.63	16.29	17.3	0
3	64QAM	8	7	16.54	16.62	16.41		
3	64QAM	15	0	16.40	16.49	16.43		
3	256QAM	1	0	16.51	16.52	16.41		
3	256QAM	1	8	16.51	16.53	16.47	17.3	0
3	256QAM	1	14	16.54	16.61	16.50		
3	256QAM	8	0	16.59	16.50	16.35		
3	256QAM	8	4	16.56	16.56	16.32	17.3	0
3	256QAM	8	7	16.56	16.57	16.32		
3	256QAM	15	0	16.51	16.50	16.28		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.58	16.70	16.39		
1.4	QPSK	1	3	16.47	16.67	16.37		
1.4	QPSK	1	5	16.53	16.45	16.31	17.3	0
1.4	QPSK	3	0	16.53	16.56	16.44		
1.4	QPSK	3	1	16.40	16.54	16.29		
1.4	QPSK	3	3	16.45	16.62	16.33		
1.4	QPSK	6	0	16.47	16.45	16.40	17.3	0
1.4	16QAM	1	0	16.48	16.53	16.29		
1.4	16QAM	1	3	16.54	16.50	16.44		
1.4	16QAM	1	5	16.49	16.54	16.35	17.3	0
1.4	16QAM	3	0	16.58	16.58	16.42		
1.4	16QAM	3	1	16.57	16.63	16.39		
1.4	16QAM	3	3	16.49	16.57	16.41		
1.4	16QAM	6	0	16.49	16.53	16.45	17.3	0
1.4	64QAM	1	0	16.45	16.62	16.29		
1.4	64QAM	1	3	16.40	16.61	16.42		
1.4	64QAM	1	5	16.58	16.53	16.36	17.3	0
1.4	64QAM	3	0	16.48	16.52	16.45		
1.4	64QAM	3	1	16.39	16.61	16.35		
1.4	64QAM	3	3	16.54	16.57	16.36		
1.4	64QAM	6	0	16.50	16.58	16.42	17.3	0
1.4	256QAM	1	0	16.51	16.54	16.39		
1.4	256QAM	1	3	16.45	16.62	16.35		
1.4	256QAM	1	5	16.57	16.49	16.44	17.3	0
1.4	256QAM	3	0	16.54	16.52	16.32		
1.4	256QAM	3	1	16.40	16.69	16.31		
1.4	256QAM	3	3	16.55	16.58	16.28		
1.4	256QAM	6	0	16.55	16.58	16.31	17.3	0

Band 25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.31	22.38	22.32		
20	QPSK	1	49	22.24	22.37	22.26	23	0
20	QPSK	1	99	22.22	22.33	22.22		
20	QPSK	50	0	22.27	22.33	22.28		
20	QPSK	50	24	22.21	22.26	22.26	23	0
20	QPSK	50	50	22.17	22.24	22.19		
20	QPSK	100	0	22.25	22.32	22.30		
20	16QAM	1	0	22.18	22.25	22.29		
20	16QA

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.31	24.39	24.35		
15	QPSK	1	37	24.25	24.30	24.18	25	0
15	QPSK	1	74	24.11	24.19	24.05		
15	QPSK	36	0	23.27	23.30	23.21		
15	QPSK	36	20	23.11	23.25	23.17	24	1
15	QPSK	36	39	23.06	23.15	23.01		
15	QPSK	75	0	23.04	23.13	23.05		
15	16QAM	1	0	23.43	23.46	23.38		
15	16QAM	1	37	23.28	23.34	23.31	24	1
15	16QAM	1	74	23.24	23.31	23.26		
15	16QAM	36	0	22.08	22.21	22.18		
15	16QAM	36	20	22.23	22.28	22.23	23	2
15	16QAM	36	39	22.13	22.20	22.19		
15	16QAM	75	0	22.01	22.11	22.07		
15	64QAM	1	0	22.46	22.48	22.47		
15	64QAM	1	37	22.16	22.28	22.16	23	2
15	64QAM	1	74	22.16	22.29	22.16		
15	64QAM	36	0	21.16	21.22	21.15		
15	64QAM	36	20	21.15	21.27	21.25	22	3
15	64QAM	36	39	21.15	21.18	21.17		
15	64QAM	75	0	21.02	21.16	21.07		
15	256QAM	1	0	19.08	19.09	19.16		
15	256QAM	1	37	19.18	19.15	19.05	20	5
15	256QAM	1	74	19.23	19.13	19.22		
15	256QAM	36	0	19.14	19.09	19.11		
15	256QAM	36	20	19.21	19.17	19.14	20	5
15	256QAM	36	39	19.19	19.09	19.17		
15	256QAM	75	0	19.21	19.20	19.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.28	24.38	24.31		
10	QPSK	1	25	24.17	24.16	24.08	25	0
10	QPSK	1	49	24.02	24.06	23.90		
10	QPSK	25	0	23.20	23.22	23.15		
10	QPSK	25	12	23.08	23.11	23.04	24	1
10	QPSK	25	25	23.01	23.12	22.93		
10	QPSK	50	0	22.93	23.03	22.93		
10	16QAM	1	0	23.42	23.42	23.37		
10	16QAM	1	25	23.23	23.31	23.25	24	1
10	16QAM	1	49	23.11	23.22	23.13		
10	16QAM	25	0	22.06	22.17	22.05		
10	16QAM	25	12	22.14	22.22	22.13	23	2
10	16QAM	25	25	22.00	22.13	22.14		
10	16QAM	50	0	21.99	22.05	21.95		
10	64QAM	1	0	22.38	22.37	22.43		
10	64QAM	1	25	22.11	22.15	22.03	23	2
10	64QAM	1	49	22.12	22.15	22.11		
10	64QAM	25	0	21.15	21.15	21.05		
10	64QAM	25	12	21.04	21.17	21.23	22	3
10	64QAM	25	25	21.02	21.15	21.11		
10	64QAM	50	0	20.87	21.04	21.01		
10	256QAM	1	0	19.07	19.02	19.10		
10	256QAM	1	25	19.07	19.09	18.94	20	5
10	256QAM	1	49	19.19	19.01	19.14		
10	256QAM	25	0	19.02	18.94	19.05		
10	256QAM	25	12	19.15	19.02	19.09	20	5
10	256QAM	25	25	19.17	19.08	19.09		
10	256QAM	50	0	19.16	19.19	19.16		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.31	24.23		
5	QPSK	1	12	24.14	24.22	24.09	25	0
5	QPSK	1	24	24.07	24.10	23.90		
5	QPSK	12	0	23.23	23.29	23.20		
5	QPSK	12	7	23.04	23.15	23.10	24	1
5	QPSK	12	13	22.95	23.14	22.93		
5	QPSK	25	0	22.98	22.99	22.95		
5	16QAM	1	0	23.34	23.44	23.37		
5	16QAM	1	12	23.20	23.28	23.18	24	1
5	16QAM	1	24	23.20	23.30	23.18		
5	16QAM	12	0	21.99	22.19	22.14		
5	16QAM	12	7	22.20	22.14	22.15	23	2
5	16QAM	12	13	22.06	22.11	22.15		
5	16QAM	25	0	21.87	22.08	22.03		
5	64QAM	1	0	22.39	22.39	22.45		
5	64QAM	1	12	22.08	22.13	22.10	23	2
5	64QAM	1	24	22.12	22.22	22.09		
5	64QAM	12	0	21.09	21.17	21.05		
5	64QAM	12	7	21.05	21.21	21.11	22	3
5	64QAM	12	13	21.13	21.16	21.06		
5	64QAM	25	0	21.00	21.08	20.95		
5	256QAM	1	0	18.96	19.03	19.14		
5	256QAM	1	12	19.09	19.06	19.04	20	5
5	256QAM	1	24	19.12	19.12	19.17		
5	256QAM	12	0	19.13	19.02	18.98		
5	256QAM	12	7	19.12	19.03	19.01	20	5
5	256QAM	12	13	19.07	19.02	19.11		
5	256QAM	25	0	19.11	19.11	19.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.22	24.31	24.28		
3	QPSK	1	8	24.20	24.15	24.13	25	0
3	QPSK	1	14	24.03	24.14	23.98		
3	QPSK	8	0	23.22	23.25	23.13		
3	QPSK	8	4	22.96	23.13	23.05	24	1
3	QPSK	8	7	22.97	23.13	22.86		
3	QPSK	15	0	22.92	22.98	22.92		
3	16QAM	1	0	23.31	23.44	23.25		
3	16QAM	1	8	23.26	23.28	23.16	24	1
3	16QAM	1	14	23.09	23.16	23.16		
3	16QAM	8	0	22.01	22.10	22.04		
3	16QAM	8	4	22.21	22.26	22.22	23	2
3	16QAM	8	7	22.09	22.05	22.16		
3	16QAM	15	0	21.96	22.00	22.01		
3	64QAM	1	0	22.42	22.43	22.33		
3	64QAM	1	8	22.15	22.13	22.10	23	2
3	64QAM	1	14	22.02	22.08	22.06		
3	64QAM	8	0	21.01	21.17	21.04		
3	64QAM	8	4	21.09	21.24	21.16	22	3
3	64QAM	8	7	21.02	21.08	21.04		
3	64QAM	15	0	20.99	21.14	20.94		
3	256QAM	1	0	19.02	19.05	19.02		
3	256QAM	1	8	19.11	19.07	19.03	20	5
3	256QAM	1	14	19.11	19.03	19.15		
3	256QAM	8	0	18.99	19.06	19.03		
3	256QAM	8	4	19.12	19.09	19.03	20	5
3	256QAM	8	7	19.14	19.04	19.16		
3	256QAM	15	0	19.07	19.10	19.26		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.18	24.30	24.21		
1.4	QPSK	1	3	24.17	24.25	24.09		
1.4	QPSK	1	5	24.01	24.10	24.02	25	0
1.4	QPSK	3	0	24.16	24.26	24.27		
1.4	QPSK	3	1	24.16	24.17	24.13		
1.4	QPSK	3	3	24.07	24.05	23.96		
1.4	QPSK	6	0	22.90	23.07	22.94	24	1
1.4	16QAM	1	0	23.37	23.45	23.34		
1.4	16QAM	1	3	23.23	23.29	23.16		
1.4	16QAM	1	5	23.16	23.16	23.14	24	1
1.4	16QAM	3	0	23.27	23.42	23.24		
1.4	16QAM	3	1	23.14	23.23	23.12		
1.4	16QAM	3	3	23.15	23.14	23.01		
1.4	16QAM	6	0	21.96	22.01	21.92	23	2
1.4	64QAM	1	0	22.42	22.42	22.43		
1.4	64QAM	1	3	22.10	22.20	22.06		
1.4	64QAM	1	5	22.12	22.20	22.09	23	2
1.4	64QAM	3	0	22.37	22.37	22.36		
1.4	64QAM	3	1	22.05	22.17	21.98		
1.4	64QAM	3	3	22.02	22.06	22.07		
1.4	64QAM	6	0	20.97	21.02	20.92	22	3
1.4	256QAM	1	0	18.96	18.98	19.10		
1.4	256QAM	1	3	19.12	19.14	19.01		
1.4	256QAM	1	5	19.20	19.01	19.21	20	5
1.4	256QAM	3	0	19.11	18.96	18.96		
1.4	256QAM	3	1	19.11	19.08	19.05		
1.4	256QAM	3	3	19.13	19.07	19.13		
1.4	256QAM	6	0	19.14	19.14	19.19	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.46	23.50	23.49		
15	QPSK	1	37	23.37	23.45	23.39	24.1	0
15	QPSK	1	74	23.36	23.38	23.28		
15	QPSK	36	0	22.37	22.48	22.46		
15	QPSK	36	20	22.30	22.40	22.38	23.1	1
15	QPSK	36	39	22.23	22.36	22.28		
15	QPSK	75	0	22.34	22.42	22.34		
15	16QAM	1	0	22.59	22.62	22.55		
15	16QAM	1	37	22.61	22.66	22.58	23.1	1
15	16QAM	1	74	22.51	22.52	22.51		
15	16QAM	36	0	21.38	21.43	21.31		
15	16QAM	36	20	21.36	21.43	21.31	22.1	2
15	16QAM	36	39	21.34	21.36	21.25		
15	16QAM	75	0	21.19	21.34	21.28		
15	64QAM	1	0	21.33	21.43	21.32		
15	64QAM	1	37	21.46	21.50	21.45	22.1	2
15	64QAM	1	74	21.37	21.48	21.36		
15	64QAM	36	0	20.25	20.40	20.34		
15	64QAM	36	20	20.34	20.42	20.27	21.1	3
15	64QAM	36	39	20.30	20.33	20.18		
15	64QAM	75	0	20.21	20.35	20.25		
15	256QAM	1	0	18.13	18.13	18.10		
15	256QAM	1	37	18.25	18.21	18.29	19.1	5
15	256QAM	1	74	18.22	18.18	18.27		
15	256QAM	36	0	18.22	18.26	18.29		
15	256QAM	36	20	18.29	18.33	18.29	19.1	5
15	256QAM	36	39	18.28	18.24	18.19		
15	256QAM	75	0	18.36	18.23	18.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.34	23.45	23.38		
10	QPSK	1	25	23.23	23.43	23.35	24.1	0
10	QPSK	1	49	23.28	23.34	23.14		
10	QPSK	25	0	22.35	22.33	22.41		
10	QPSK	25	12	22.16	22.36	22.33	23.1	1
10	QPSK	25	25	22.17	22.24	22.27		
10	QPSK	50	0	22.32	22.34	22.21		
10	16QAM	1	0	22.58	22.60	22.48		
10	16QAM	1	25	22.54	22.63	22.45	23.1	1
10	16QAM	1	49	22.44	22.49	22.44		
10	16QAM	25	0	21.34	21.36	21.25		
10	16QAM	25	12	21.27	21.39	21.26	22.1	2
10	16QAM	25	25	21.33	21.22	21.23		
10	16QAM	50	0	21.16	21.31	21.23		
10	64QAM	1	0	21.25	21.34	21.20		
10	64QAM	1	25	21.39	21.45	21.41	22.1	2
10	64QAM	1	49	21.33	21.33	21.31		
10	64QAM	25	0	20.10	20.37	20.28		
10	64QAM	25	12	20.32	20.32	20.20	21.1	3
10	64QAM	25	25	20.19	20.20	20.09		
10	64QAM	50	0	20.18	20.29	20.17		
10	256QAM	1	0	18.11	18.02	18.04		
10	256QAM	1	25	18.11	18.12	18.25	19.1	5
10	256QAM	1	49	18.13	18.09	18.23		
10	256QAM	25	0	18.09	18.13	18.14		
10	256QAM	25	12	18.15	18.24	18.19	19.1	5
10	256QAM	25	25	18.26	18.13	18.15		
10	256QAM	50	0	18.29	18.15	18.17		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.45	23.46	23.42		
5	QPSK	1	12	23.35	23.42	23.36	24.1	0
5	QPSK	1	24	23.30	23.26	23.14		
5	QPSK	12	0	22.25	22.36	22.31		
5	QPSK	12	7	22.22	22.27	22.28	23.1	1
5	QPSK	12	13	22.10	22.29	22.26		
5	QPSK	25	0	22.33	22.38	22.19		
5	16QAM	1	0	22.48	22.61	22.45		
5	16QAM	1	12	22.52	22.58	22.56	23.1	1
5	16QAM	1	24	22.39	22.49	22.39		
5	16QAM	12	0	21.27	21.35	21.29		
5	16QAM	12	7	21.33	21.42	21.28	22.1	2
5	16QAM	12	13	21.24	21.29	21.24		
5	16QAM	25	0	21.18	21.32	21.24		
5	64QAM	1	0	21.32	21.39	21.22		
5	64QAM	1	12	21.36	21.44	21.42	22.1	2
5	64QAM	1	24	21.26	21.46	21.21		
5	64QAM	12	0	20.17	20.33	20.29		
5	64QAM	12	7	20.23	20.41	20.12	21.1	3
5	64QAM	12	13	20.15	20.30	20.07		
5	64QAM	25	0	20.07	20.32	20.10		
5	256QAM	1	0	18.10	18.00	17.99		
5	256QAM	1	12	18.19	18.17	18.23	19.1	5
5	256QAM	1	24	18.18	18.06	18.18		
5	256QAM	12	0	18.18	18.21	18.27		
5	256QAM	12	7	18.19	18.27	18.20	19.1	5
5	256QAM	12	13	18.23	18.12	18.17		
5	256QAM	25	0	18.35	18.13	18.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.43	23.49	23.41		
3	QPSK	1	8	23.22	23.40	23.37	24.1	0
3	QPSK	1	14	23.29	23.37	23.24		
3	QPSK	8	0	22.29	22.45	22.35		
3	QPSK	8	4	22.21	22.32	22.37	23.1	1
3	QPSK	8	7	22.08	22.26	22.15		
3	QPSK	15	0	22.33	22.30	22.23		
3	16QAM	1	0	22.56	22.51	22.54		
3	16QAM	1	8	22.47	22.55	22.57	23.1	1
3	16QAM	1	14	22.38	22.40	22.43		
3	16QAM	8	0	21.26	21.32	21.30		
3	16QAM	8	4	21.27	21.32	21.16	22.1	2
3	16QAM	8	7	21.31	21.26	21.22		
3	16QAM	15	0	21.11	21.20	21.18		
3	64QAM	1	0	21.19	21.39	21.22		
3	64QAM	1	8	21.39	21.45	21.35	22.1	2
3	64QAM	1	14	21.31	21.40	21.22		
3	64QAM	8	0	20.15	20.26	20.20		
3	64QAM	8	4	20.31	20.30	20.13	21.1	3
3	64QAM	8	7	20.23	20.30	20.06		
3	64QAM	15	0	20.09	20.26	20.13		
3	256QAM	1	0	17.99	18.12	17.96		
3	256QAM	1	8	18.11	18.11	18.20	19.1	5
3	256QAM	1	14	18.18	18.08	18.16		
3	256QAM	8	0	18.17	18.19	18.15		
3	256QAM	8	4	18.20	18.29	18.25	19.1	5
3	256QAM	8	7	18.14	18.09	18.12		
3	256QAM	15	0	18.23	18.16	18.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.35	23.39	23.48		
1.4	QPSK	1	3	23.33	23.37	23.36		
1.4	QPSK	1	5	23.28	23.28	23.24	24.1	0
1.4	QPSK	3	0	23.25	23.25	23.37		
1.4	QPSK	3	1	23.21	23.28	23.27		
1.4	QPSK	3	3	23.15	23.17	23.14		
1.4	QPSK	6	0	22.28	22.31	22.22	23.1	1
1.4	16QAM	1	0	22.52	22.51	22.47		
1.4	16QAM	1	3	22.51	22.57	22.45		
1.4	16QAM	1	5	22.48	22.37	22.48	23.1	1
1.4	16QAM	3	0	22.49	22.48	22.37		
1.4	16QAM	3	1	22.49	22.49	22.34		
1.4	16QAM	3	3	22.42	22.28	22.41		
1.4	16QAM	6	0	21.07	21.23	21.27	22.1	2
1.4	64QAM	1	0	21.27	21.31	21.28		
1.4	64QAM	1	3	21.37	21.35	21.37		
1.4	64QAM	1	5	21.29	21.35	21.30	22.1	2
1.4	64QAM	3	0	21.18	21.24	21.14		
1.4	64QAM	3	1	21.34	21.23	21.26		
1.4	64QAM	3	3	21.25	21.25	21.17		
1.4	64QAM	6	0	20.13	20.26	20.15	21.1	3
1.4	256QAM	1	0	18.00	18.03	18.00		
1.4	256QAM	1	3	18.19	18.13	18.19		
1.4	256QAM	1	5	18.14	18.14	18.14	19.1	5
1.4	256QAM	3	0	18.18	18.23	18.17		
1.4	256QAM	3	1	18.25	18.28	18.19		
1.4	256QAM	3	3	18.25	18.23	18.08		
1.4	256QAM	6	0	18.25	18.13	18.16	19.1	5

Band 30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.57			
10	QPSK	1	25		17.44		18.3	0
10	QPSK	1	49		17.47			
10	QPSK	25	0		17.54			
10	QPSK	25	12		17.48		18.3	0
10	QPSK	25	25		17.48			
10	QPSK	50	0		17.52			
10	16QAM	1	0		17.51			
10	16QAM	1	25		17.49		18.3	0
10	16QAM	1	49		17.52			
10	16QAM	25	0		17.50			
10	16QAM	25	12		17.53		18.3	0
10	16QAM	25	25		17.51			
10	16QAM	50	0		17.52			
10	64QAM	1	0		17.49			
10	64QAM	1	25		17.47		18.3	0
10	64QAM	1	49		17.45			
10	64QAM	25	0		17.49			
10	64QAM	25	12		17.50		18.3	0
10	64QAM	25	25		17.54			
10	64QAM	50	0		17.48			
10	256QAM	1	0		17.44			
10	256QAM	1	25		17.56		18.3	0
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.56			
10	256QAM	25	12		17.54		18.3	0
10	256QAM	25	25		17.50			
10	256QAM	50	0		17.44			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.43	17.48	17.45		
5	QPSK	1	12	17.31	17.35	17.35	18.3	0
5	QPSK	1	24	17.34	17.39	17.40		
5	QPSK	12	0	17.46	17.39	17.50		
5	QPSK	12	7	17.47	17.43	17.37	18.3	0
5	QPSK	12	13	17.45	17.39	17.41		
5	QPSK	25	0	17.51	17.50	17.43		
5	16QAM	1	0	17.40	17.50	17.37		
5	16QAM	1	12	17.42	17.41	17.47	18.3	0
5	16QAM	1	24	17.43	17.51	17.49		
5	16QAM	12	0	17.41	17.47	17.35		
5	16QAM	12	7	17.44	17.50	17.46	18.3	0
5	16QAM	12	13	17.38	17.41	17.45		
5	16QAM	25	0	17.45	17.51	17.47		
5	64QAM	1	0	17.36	17.39	17.39		
5	64QAM	1	12	17.37	17.39	17.32	18.3	0
5	64QAM	1	24	17.30	17.39	17.39		
5	64QAM	12	0	17.44	17.44	17.36		
5	64QAM	12	7	17.42	17.46	17.48	18.3	0
5	64QAM	12	13	17.49	17.48	17.47		
5	64QAM	25	0	17.42	17.37	17.33		
5	256QAM	1	0	17.39	17.35	17.40		
5	256QAM	1	12	17.51	17.47	17.48	18.3	0
5	256QAM	1	24	17.45	17.51	17.40		
5	256QAM	12	0	17.48	17.52	17.53		
5	256QAM	12	7	17.40	17.39	17.51	18.3	0
5	256QAM	12	13	17.40	17.36	17.42		
5	256QAM	25	0	17.42	17.32	17.41		

Band 30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.84			
10	QPSK	1	25		18.83		19.6	0
10	QPSK	1	49		18.74			
10	QPSK	25	0		18.80			
10	QPSK	25	12		18.73		19.6	0
10	QPSK	25	25		18.78			
10	QPSK	50	0		18.82			
10	16QAM	1	0		18.72			
10	16QAM	1	25		18.80		19.6	0
10	16QAM	1	49		18.70			
10	16QAM	25	0		18.78			
10	16QAM	25	12		18.74		19.6	0
10	16QAM	25	25		18.74			
10	16QAM	50	0		18.73			
10	64QAM	1	0		18.80			
10	64QAM	1	25		18.74		19.6	0
10	64QAM	1	49		18.80			
10	64QAM	25	0		18.77			
10	64QAM	25	12		18.75		19.6	0
10	64QAM	25	25		18.72			
10	64QAM	50	0

Band 66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.80	17.82	17.77		
20	QPSK	1	49	17.76	17.69	17.65	18.5	0
20	QPSK	1	99	17.76	17.68	17.64		
20	QPSK	50	0	17.74	17.74	17.70		
20	QPSK	50	24	17.67	17.68	17.65	18.5	0
20	QPSK	50	50	17.64	17.68	17.66		
20	QPSK	100	0	17.70	17.71	17.68		
20	16QAM	1	0	17.74	17.75	17.70		
20	16QAM	1	49	17.77	17.69	17.73	18.5	0
20	16QAM	1	99	17.77	17.81	17.66		
20	16QAM	50	0	17.68	17.67	17.69		
20	16QAM	50	24	17.69	17.69	17.99	18.5	0
20	16QAM	50	50	17.66	17.74	17.66		
20	16QAM	100	0	17.75	17.78	17.71		
20	64QAM	1	0	17.75	17.78	17.74		
20	64QAM	1	49	17.72	17.69	17.71	18.5	0
20	64QAM	1	99	17.66	17.75	17.76		
20	64QAM	50	0	17.67	17.80	17.76		
20	64QAM	50	24	17.70	17.77	17.63	18.5	0
20	64QAM	50	50	17.79	17.68	17.63		
20	64QAM	100	0	17.65	17.76	17.76		
20	256QAM	1	0	17.76	17.75	17.69		
20	256QAM	1	49	17.75	17.73	17.66	18.5	0
20	256QAM	1	99	17.79	17.72	17.73		
20	256QAM	50	0	17.79	17.73	17.76		
20	256QAM	50	24	17.67	17.78	17.72	18.5	0
20	256QAM	50	50	17.68	17.74	17.66		
20	256QAM	100	0	17.75	17.71	17.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.75	17.78	17.63		
15	QPSK	1	37	17.75	17.66	17.58	18.5	0
15	QPSK	1	74	17.69	17.62	17.62		
15	QPSK	36	0	17.65	17.71	17.71		
15	QPSK	36	20	17.64	17.53	17.55	18.5	0
15	QPSK	36	39	17.51	17.65	17.56		
15	QPSK	75	0	17.65	17.66	17.64		
15	16QAM	1	0	17.65	17.72	17.61		
15	16QAM	1	37	17.70	17.58	17.65	18.5	0
15	16QAM	1	74	17.68	17.76	17.61		
15	16QAM	36	0	17.64	17.57	17.51		
15	16QAM	36	20	17.64	17.59	17.52	18.5	0
15	16QAM	36	39	17.62	17.73	17.61		
15	16QAM	75	0	17.71	17.73	17.65		
15	64QAM	1	0	17.68	17.63	17.59		
15	64QAM	1	37	17.67	17.57	17.58	18.5	0
15	64QAM	1	74	17.60	17.72	17.71		
15	64QAM	36	0	17.61	17.70	17.69		
15	64QAM	36	20	17.67	17.66	17.51	18.5	0
15	64QAM	36	39	17.63	17.58	17.56		
15	64QAM	75	0	17.50	17.64	17.68		
15	256QAM	1	0	17.63	17.63	17.57		
15	256QAM	1	37	17.61	17.65	17.51	18.5	0
15	256QAM	1	74	17.67	17.59	17.64		
15	256QAM	36	0	17.67	17.70	17.65		
15	256QAM	36	20	17.60	17.65	17.62	18.5	0
15	256QAM	36	39	17.53	17.60	17.61		
15	256QAM	75	0	17.63	17.56	17.59		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.79	17.71	17.70		
10	QPSK	1	25	17.72	17.59	17.56	18.5	0
10	QPSK	1	49	17.74	17.62	17.52		
10	QPSK	25	0	17.66	17.64	17.68		
10	QPSK	25	12	17.66	17.65	17.52	18.5	0
10	QPSK	25	25	17.59	17.60	17.51		
10	QPSK	50	0	17.56	17.62	17.63		
10	16QAM	1	0	17.64	17.62	17.66		
10	16QAM	1	25	17.66	17.64	17.54	18.5	0
10	16QAM	1	49	17.67	17.78	17.53		
10	16QAM	25	0	17.57	17.58	17.62		
10	16QAM	25	12	17.68	17.54	17.59	18.5	0
10	16QAM	25	25	17.63	17.61	17.53		
10	16QAM	50	0	17.63	17.77	17.60		
10	64QAM	1	0	17.61	17.64	17.65		
10	64QAM	1	25	17.69	17.64	17.65	18.5	0
10	64QAM	1	49	17.55	17.69	17.63		
10	64QAM	25	0	17.57	17.69	17.68		
10	64QAM	25	12	17.60	17.70	17.59	18.5	0
10	64QAM	25	25	17.58	17.55	17.52		
10	64QAM	50	0	17.50	17.67	17.96		
10	256QAM	1	0	17.67	17.71	17.68		
10	256QAM	1	25	17.68	17.63	17.62	18.5	0
10	256QAM	1	49	17.69	17.71	17.68		
10	256QAM	25	0	17.67	17.63	17.71		
10	256QAM	25	12	17.60	17.70	17.69	18.5	0
10	256QAM	25	25	17.54	17.66	17.52		
10	256QAM	50	0	17.50	17.66	17.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.66	17.80	17.65		
5	QPSK	1	12	17.66	17.66	17.61	18.5	0
5	QPSK	1	24	17.71	17.58	17.50		
5	QPSK	12	0	17.59	17.66	17.62		
5	QPSK	12	7	17.56	17.62	17.60	18.5	0
5	QPSK	12	13	17.57	17.53	17.59		
5	QPSK	25	0	17.67	17.64	17.57		
5	16QAM	1	0	17.67	17.61	17.58		
5	16QAM	1	12	17.62	17.60	17.63	18.5	0
5	16QAM	1	24	17.76	17.70	17.54		
5	16QAM	12	0	17.60	17.59	17.57		
5	16QAM	12	7	17.60	17.59	17.59	18.5	0
5	16QAM	12	13	17.55	17.65	17.52		
5	16QAM	25	0	17.69	17.69	17.69		
5	64QAM	1	0	17.67	17.75	17.71		
5	64QAM	1	12	17.71	17.60	17.60	18.5	0
5	64QAM	1	24	17.59	17.72	17.69		
5	64QAM	12	0	17.65	17.74	17.70		
5	64QAM	12	7	17.61	17.75	17.55	18.5	0
5	64QAM	12	13	17.65	17.62	17.54		
5	64QAM	25	0	17.55	17.64	17.62		
5	256QAM	1	0	17.70	17.61	17.67		
5	256QAM	1	12	17.68	17.71	17.58	18.5	0
5	256QAM	1	24	17.64	17.71	17.63		
5	256QAM	12	0	17.69	17.68	17.72		
5	256QAM	12	7	17.65	17.73	17.68	18.5	0
5	256QAM	12	13	17.62	17.70	17.57		
5	256QAM	25	0	17.67	17.66	17.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.73	17.81	17.72		
3	QPSK	1	8	17.71	17.67	17.64	18.5	0
3	QPSK	1	14	17.70	17.56	17.49		
3	QPSK	8	0	17.62	17.65	17.59		
3	QPSK	8	4	17.64	17.56	17.53	18.5	0
3	QPSK	8	7	17.52	17.66	17.58		
3	QPSK	15	0	17.60	17.61	17.57		
3	16QAM	1	0	17.60	17.70	17.68		
3	16QAM	1	8	17.67	17.64	17.65	18.5	0
3	16QAM	1	14	17.69	17.66	17.63		
3	16QAM	8	0	17.61	17.61	17.54		
3	16QAM	8	4	17.67	17.55	17.59	18.5	0
3	16QAM	8	7	17.65	17.59	17.51		
3	16QAM	15	0	17.64	17.74	17.70		
3	64QAM	1	0	17.63	17.65	17.63		
3	64QAM	1	8	17.63	17.58	17.62	18.5	0
3	64QAM	1	14	17.61	17.72	17.69		
3	64QAM	8	0	17.61	17.77	17.66		
3	64QAM	8	4	17.67	17.71	17.62	18.5	0
3	64QAM	8	7	17.77	17.65	17.56		
3	64QAM	15	0	17.53	17.75	17.62		
3	256QAM	1	0	17.68	17.68	17.54	18.5	0
3	256QAM	1	8	17.70	17.65	17.60		
3	256QAM	1	14	17.74	17.69	17.62		
3	256QAM	8	0	17.77	17.63	17.68		
3	256QAM	8	4	17.69	17.70	17.70	18.5	0
3	256QAM	8	7	17.65	17.72	17.61		
3	256QAM	15	0	17.73	17.66	17.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.71	17.78	17.62		
1.4	QPSK	1	3	17.64	17.60	17.56		
1.4	QPSK	1	5	17.71	17.56	17.61	18.5	0
1.4	QPSK	3	0	17.62	17.62	17.58		
1.4	QPSK	3	1	17.52	17.62	17.56		
1.4	QPSK	3	3	17.55	17.57	17.53		
1.4	QPSK	6	0	17.65	17.65	17.59	18.5	0
1.4	16QAM	1	0	17.69	17.73	17.63		
1.4	16QAM	1	3	17.64	17.66	17.70		
1.4	16QAM	1	5	17.63	17.70	17.57	18.5	0
1.4	16QAM	3	0	17.56	17.64	17.61		
1.4	16QAM	3	1	17.60	17.60	17.65		
1.4	16QAM	3	3	17.65	17.68	17.65		
1.4	16QAM	6	0	17.68	17.68	17.58	18.5	0
1.4	64QAM	1	0	17.60	17.67	17.63		
1.4	64QAM	1	3	17.63	17.63	17.66		
1.4	64QAM	1	5	17.64	17.62	17.75	18.5	0
1.4	64QAM	3	0	17.57	17.79	17.61		
1.4	64QAM	3	1	17.59	17.68	17.48		
1.4	64QAM	3	3	17.71	17.55	17.56		
1.4	64QAM	6	0	17.60	17.72	17.74	18.5	0
1.4	256QAM	1	0	17.71	17.71	17.67		
1.4	256QAM	1	3	17.70	17.62	17.54		
1.4	256QAM	1	5	17.64	17.57	17.61	18.5	0
1.4	256QAM	3	0	17.73	17.67	17.73		
1.4	256QAM	3	1	17.64	17.73	17.59		
1.4	256QAM	3	3	17.60	17.61	17.60		
1.4	256QAM	6	0	17.74	17.59	17.68	18.5	0

Band 66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.63	15.71	15.68		
20	QPSK	1	49	15.49	15.57	15.53	16.5	0
20	QPSK	1	99	15.58	15.68	15.55		
20	QPSK	50	0	15.62	15.70	15.66		
20	QPSK	50	24	15.58	15.60	15.62	16.5	0
20	QPSK	50	50	15.48	15.59	15.58		
20	QPSK	100	0	15.54	15.65	15.54		
20	16QAM	1	0	15.52	15.64	15.61		
20	16QAM	1	49	15.62	15.56	15.63	16.5	0
20	16QAM	1	99	15.48	15.58	15.66		
20	16QAM	50	0	15.56	15.68	15.53		
20	16QAM	50	24	15.49	15.64	15.56	16.5	0
20	16QAM	50	50	15.57	15.69	15.62		
20	16QAM	100	0	15.49	15.68	15.66		
20	64QAM	1	0	15.62	15.67	15.56		
20	64QAM	1	49	15.53	15.57	15.54	16.5	0
20	64QAM	1	99	15.60	15.68	15.56		
20	64QAM	50	0	15.57	15.66	15.62		
20	64QAM	50	24	15.60	15.60	15.67	16.5	0
20	64QAM	50	50	15.54	15.59	15.53		
20	64QAM	100	0	15.53	15.56	15.64		
20	256QAM	1	0	15.62	15.67	15.59		
20	256QAM	1	49	15.56	15.61	15.62	16.5	0
20	256QAM	1	99	15.54	15.66	15.66		
20	256QAM	50	0	15.54	15.61	15.56		
20	256QAM	50	24	15.49	15.65	15.63	16.5	0
20	256QAM	50	50	15.59	15.70	15.54		
20	256QAM	100	0	15.54	15.67	15.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.60	15.58	15.56		
15	QPSK	1	37	15.46	15.48	15.44	16.5	0
15	QPSK	1	74	15.46	15.65	15.47		
15	QPSK	36	0	15.61	15.59	15.63		
15	QPSK	36	20	15.43	15.53	15.57	16.5	0
15	QPSK	36	39	15.40	15.45	15.51		
15	QPSK	75	0	15.53	15.62	15.52		
15	16QAM	1	0	15.39	15.51	15.46		
15	16QAM	1	37	15.59	15.53	15.51	16.5	0
15	16QAM	1	74	15.43	15.53	15.60		
15	16QAM	36	0	15.53	15.65	15.44		
15	16QAM	36	20	15.38	15.49	15.52	16.5	0
15	16QAM	36	39	15.53	15.68	15.56		
15	16QAM	75	0	15.44	15.62	15.59		
15	64QAM	1	0	15.49	15.58	15.41		
15	64QAM	1	37	15.46	15.53	15.44	16.5	0
15	64QAM	1	74	15.51	15.58	15.52		
15	64QAM	36	0	15.55	15.57	15.61		
15	64QAM	36	20	15.50	15.47	15.54	16.5	0
15	64QAM	36	39	15.42	15.52	15.38		
15	64QAM	75	0	15.39	15.52	15.49		
15	256QAM	1	0	15.42	15.57	15.54		
15	256QAM	1	37	15.51	15.52	15.52	16.5	0
15	256QAM	1	74	15.42	15.59	15.55		
15	256QAM	36	0	15.44	15.58	15.46		
15	256QAM	36	20	15.47	15.58	15.55	16.5	0
15	256QAM	36	39	15.44	15.43	15.49		
15	256QAM	75	0	15.40	15.55	15.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.57	15.66	15.63		
10	QPSK	1	25	15.52	15.59	15.56	16.5	0
10	QPSK	1	49	15.52	15.66	15.49		
10	QPSK	25	0	15.54	15.60	15.52		
10	QPSK	25	12	15.47	15.57	15.61	16.5	0
10	QPSK	25	25	15.44	15.51	15.57		
10	QPSK	50	0	15.42	15.50	15.48		
10	16QAM	1	0	15.42	15.51	15.57		
10	16QAM	1	25	15.51	15.50	15.53	16.5	0
10	16QAM	1	49	15.33	15.51	15.53		
10	16QAM	25	0	15.53	15.65	15.50		
10	16QAM	25	12	15.34	15.57	15.52		
10	16QAM	25	25	15.56	15.56	15.60	16.5	0
10	16QAM	50	0	15.48	15.60	15.51		
10	64QAM	1	0	15.51	15.62	15.46		
10	64QAM	1	25	15.50	15.50	15.42	16.5	0
10	64QAM	1	49	15.45	15.68	15.51		
10	64QAM	25	0	15.53	15.60	15.49		
10	64QAM	25	12	15.52	15.48	15.63	16.5	0
10	64QAM	25	25	15.40	15.47	15.45		
10	64QAM	50	0	15.48	15.46	15.53		
10	256QAM	1	0	15.42	15.60	15.51		
10	256QAM	1	25	15.41	15.54	15.48	16.5	0
10	256QAM	1	49	15.33	15.55	15.46		
10	256QAM	25	0	15.46	15.50	15.45		
10	256QAM	25	12	15.45	15.51	15.58	16.5	0
10	256QAM	25	25	15.49	15.56	15.42		
10	256QAM	50	0	15.46	15.44	15.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.56	15.61	15.54		
5	QPSK	1	12	15.43	15.46	15.39	16.5	0
5	QPSK	1	24	15.45	15.57	15.51		
5	QPSK	12	0	15.60	15.58	15.61		
5	QPSK	12	7	15.55	15.57	15.55	16.5	0
5	QPSK	12	13	15.46	15.58	15.55		
5	QPSK	25	0	15.40	15.61	15.42		
5	16QAM	1	0	15.38	15.53	15.54		
5	16QAM	1	12	15.56	15.41	15.56	16.5	0
5	16QAM	1	24	15.46	15.54	15.54		
5	16QAM	12	0	15.42	15.60	15.50		
5	16QAM	12	7	15.35	15.53	15.52	16.5	0
5	16QAM	12	13	15.55	15.55	15.59		
5	16QAM	25	0	15.46	15.57	15.63		
5	64QAM	1	0	15.48	15.65	15.44		
5	64QAM	1	12	15.45	15.50	15.49	16.5	0
5	64QAM	1	24	15.49	15.45	15.46		
5	64QAM	12	0	15.45	15.64	15.57		
5	64QAM	12	7	15.50	15.57	15.65	16.5	0
5	64QAM	12	13	15.50	15.55	15.49		
5	64QAM	25	0	15.41	15.62	15.54		
5	256QAM	1	0	15.42	15.66	15.57		
5	256QAM	1	12	15.48	15.52	15.54	16.5	0
5	256QAM	1	24	15.51	15.52	15.64		
5	256QAM	12	0	15.40	15.48	15.45		
5	256QAM	12	7	15.44	15.56	15.62	16.5	0
5	256QAM	12	13	15.56	15.68	15.39		
5	256QAM	25	0	15.49	15.56	15.63		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.57	15.67	15.63		
3	QPSK	1	8	15.37	15.43	15.48	16.5	0
3	QPSK	1	14	15.46	15.53	15.53		
3	QPSK	8	0	15.56	15.57	15.51		
3	QPSK	8	4	15.53	15.45	15.48	16.5	0
3	QPSK	8	7	15.47	15.47	15.51		
3	QPSK	15	0	15.46	15.47	15.47		
3	16QAM	1	0	15.37	15.57	15.56		
3	16QAM	1	8	15.53	15.46	15.60	16.5	0
3	16QAM	1	14	15.34	15.43	15.55		
3	16QAM	8	0	15.46	15.54	15.40		
3	16QAM	8	4	15.35	15.61	15.48	16.5	0
3	16QAM	8	7	15.49	15.57	15.58		
3	16QAM	15	0	15.35	15.54	15.64		
3	64QAM	1	0	15.56	15.63	15.60		
3	64QAM	1	8	15.40	15.55	15.46	16.5	0
3	64QAM	1	14	15.59	15.67	15.52		
3	64QAM	8	0	15.46	15.56	15.55		
3	64QAM	8	4	15.58	15.46	15.59	16.5	0
3	64QAM	8	7	15.49	15.46	15.48		
3	64QAM	15	0	15.48	15.47	15.51		
3	256QAM	1	0	15.47	15.55	15.57	16.5	0
3	256QAM	1	8	15.44	15.54	15.57		
3	256QAM	1	14	15.46	15.51	15.61		
3	256QAM	8	0	15.40	15.49	15.52		
3	256QAM	8	4	15.34	15.54	15.50	16.5	0
3	256QAM	8	7	15.52	15.64	15.52		
3	256QAM	15	0	15.40	15.55	15.51		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.55	15.60	15.64		
1.4	QPSK	1	3	15.37	15.46	15.43		
1.4	QPSK	1	5	15.47	15.57	15.53	16.5	0
1.4	QPSK	3	0	15.50	15.60	15.56		
1.4	QPSK	3	1	15.54	15.55	15.50		
1.4	QPSK	3	3	15.39	15.54	15.57		
1.4	QPSK	6	0	15.51	15.61	15.45	16.5	0
1.4	16QAM	1	0	15.37	15.56	15.47		
1.4	16QAM	1	3	15.50	15.46	15.60		
1.4	16QAM	1	5	15.37	15.57	15.65	16.5	0
1.4	16QAM	3	0	15.54	15.57	15.42		
1.4	16QAM	3	1	15.41	15.60	15.44		
1.4	16QAM	3	3	15.51	15.59	15.51		
1.4	16QAM	6	0	15.37	15.57	15.57	16.5	0
1.4	64QAM	1	0	15.54	15.53	15.47		
1.4	64QAM	1	3	15.46	15.49	15.51		
1.4	64QAM	1	5	15.50	15.59	15.55	16.5	0
1.4	64QAM	3	0	15.53	15.59	15.51		
1.4	64QAM	3	1	15.46	15.54	15.58		
1.4	64QAM	3	3	15.42	15.50	15.52		
1.4	64QAM	6	0	15.50	15.52	15.53	16.5	0
1.4	256QAM	1	0	15.43	15.62	15.52		
1.4	256QAM	1	3	15.45	15.50	15.61		
1.4	256QAM	1	5	15.53	15.51	15.61	16.5	0
1.4	256QAM	3	0	15.44	15.54	15.42		
1.4	256QAM	3	1	15.35	15.63	15.54		
1.4	256QAM	3	3	15.49	15.66	15.52	16.5	0

Band 66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.64	20.74	20.67		
20	QPSK	1	49	20.57	20.73	20.56	21.5	0
20	QPSK	1	99	20.54	20.73	20.59		
20	QPSK	50	0	20.53	20.73	20.68		
20	QPSK	50	24	20.49	20.64	20.52	21.5	0
20	QPSK	50	50	20.59	20.66	20.57		
20	QPSK	100	0	20.55	20.67	20.61		
20	16QAM	1	0	20.53	20.61	20.62		
20	16QAM	1	49	20.56	20.60	20.58	21.5	0
20	16QAM	1	99	20.49	20.66	20.64	

Band 71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	24.16	24.18	24.06		
20	QPSK	1	49	24.00	24.05	24.02	24.3	0
20	QPSK	1	99	23.93	24.01	23.99		
20	QPSK	50	0	22.85	22.87	22.82		
20	QPSK	50	24	22.69	22.81	22.72	23.3	1
20	QPSK	50	50	22.63	22.76	22.62		
20	QPSK	100	0	22.63	22.77	22.70		
20	16QAM	1	0	22.81	22.96	22.81		
20	16QAM	1	49	23.01	23.09	23.02	23.3	1
20	16QAM	1	99	22.54	22.63	22.51		
20	16QAM	50	0	21.74	21.82	21.69		
20	16QAM	50	24	21.74	21.87	21.72	22.3	2
20	16QAM	50	50	21.81	21.91	21.78		
20	16QAM	100	0	21.68	21.77	21.74		
20	64QAM	1	0	21.97	22.10	22.05		
20	64QAM	1	49	21.76	21.90	21.76	22.3	2
20	64QAM	1	99	22.12	22.15	22.14		
20	64QAM	50	0	20.70	20.72	20.71		
20	64QAM	50	24	20.74	20.88	20.84	21.3	3
20	64QAM	50	50	20.73	20.81	20.68		
20	64QAM	100	0	20.64	20.72	20.64		
20	256QAM	1	0	18.74	18.84	18.78		
20	256QAM	1	49	18.70	18.72	18.60	19.3	5
20	256QAM	1	99	18.65	18.74	18.66		
20	256QAM	50	0	18.65	18.74	18.65		
20	256QAM	50	24	18.65	18.76	18.66	19.3	5
20	256QAM	50	50	18.66	18.77	18.72		
20	256QAM	100	0	18.67	18.78	18.70		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	24.08	24.08	23.96		
15	QPSK	1	37	23.94	23.92	23.98	24.3	0
15	QPSK	1	74	23.92	23.96	23.90		
15	QPSK	36	0	22.74	22.85	22.79		
15	QPSK	36	20	22.55	22.79	22.68	23.3	1
15	QPSK	36	39	22.58	22.61	22.48		
15	QPSK	75	0	22.48	22.73	22.62		
15	16QAM	1	0	22.69	22.92	22.78		
15	16QAM	1	37	22.90	23.08	22.92	23.3	1
15	16QAM	1	74	22.45	22.50	22.40		
15	16QAM	36	0	21.63	21.81	21.61		
15	16QAM	36	20	21.60	21.80	21.62	22.3	2
15	16QAM	36	39	21.76	21.88	21.71		
15	16QAM	75	0	21.62	21.74	21.62		
15	64QAM	1	0	21.94	22.04	22.03		
15	64QAM	1	37	21.64	21.76	21.75	22.3	2
15	64QAM	1	74	22.11	22.06	21.99		
15	64QAM	36	0	20.67	20.61	20.56		
15	64QAM	36	20	20.71	20.76	20.83	21.3	3
15	64QAM	36	39	20.64	20.79	20.63		
15	64QAM	75	0	20.60	20.66	20.62		
15	256QAM	1	0	18.66	18.71	18.76		
15	256QAM	1	37	18.55	18.68	18.48	19.3	5
15	256QAM	1	74	18.60	18.69	18.58		
15	256QAM	36	0	18.58	18.64	18.60		
15	256QAM	36	20	18.60	18.72	18.59	19.3	5
15	256QAM	36	39	18.64	18.64	18.69		
15	256QAM	75	0	18.61	18.69	18.68		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	24.11	24.14	23.98		
10	QPSK	1	25	23.92	24.00	23.94	24.3	0
10	QPSK	1	49	23.79	23.96	23.88		
10	QPSK	25	0	22.82	22.83	22.70		
10	QPSK	25	12	22.60	22.71	22.60	23.3	1
10	QPSK	25	25	22.54	22.74	22.58		
10	QPSK	50	0	22.55	22.75	22.55		
10	16QAM	1	0	22.73	22.90	22.78		
10	16QAM	1	25	22.91	22.95	22.88	23.3	1
10	16QAM	1	49	22.44	22.54	22.44		
10	16QAM	25	0	21.66	21.73	21.63		
10	16QAM	25	12	21.61	21.76	21.66	22.3	2
10	16QAM	25	25	21.72	21.88	21.77		
10	16QAM	50	0	21.61	21.75	21.73		
10	64QAM	1	0	21.84	21.95	21.98		
10	64QAM	1	25	21.69	21.84	21.67	22.3	2
10	64QAM	1	49	22.06	22.00	21.99		
10	64QAM	25	0	20.56	20.59	20.60		
10	64QAM	25	12	20.62	20.83	20.76	21.3	3
10	64QAM	25	25	20.62	20.75	20.67		
10	64QAM	50	0	20.63	20.63	20.63		
10	256QAM	1	0	18.73	18.73	18.63		
10	256QAM	1	25	18.68	18.66	18.46	19.3	5
10	256QAM	1	49	18.56	18.67	18.58		
10	256QAM	25	0	18.57	18.66	18.57		
10	256QAM	25	12	18.64	18.68	18.52	19.3	5
10	256QAM	25	25	18.54	18.70	18.70		
10	256QAM	50	0	18.52	18.69	18.62		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	24.15	24.07	23.97		
5	QPSK	1	12	23.97	23.94	23.98	24.3	0
5	QPSK	1	24	23.89	23.97	23.86		
5	QPSK	12	0	22.80	22.73	22.71		
5	QPSK	12	7	22.64	22.80	22.70	23.3	1
5	QPSK	12	13	22.52	22.67	22.53		
5	QPSK	25	0	22.52	22.68	22.56		
5	16QAM	1	0	22.71	22.87	22.80		
5	16QAM	1	12	23.00	23.02	23.00	23.3	1
5	16QAM	1	24	22.47	22.62	22.37		
5	16QAM	12	0	21.64	21.71	21.68		
5	16QAM	12	7	21.71	21.78	21.65	22.3	2
5	16QAM	12	13	21.70	21.90	21.64		
5	16QAM	25	0	21.62	21.72	21.65		
5	64QAM	1	0	21.91	22.05	21.91		
5	64QAM	1	12	21.70	21.83	21.65	22.3	2
5	64QAM	1	24	22.11	22.12	22.12		
5	64QAM	12	0	20.55	20.62	20.67		
5	64QAM	12	7	20.68	20.79	20.79	21.3	3
5	64QAM	12	13	20.68	20.77	20.56		
5	64QAM	25	0	20.54	20.71	20.56		
5	256QAM	1	0	18.72	18.75	18.71		
5	256QAM	1	12	18.67	18.59	18.55	19.3	5
5	256QAM	1	24	18.51	18.71	18.62		
5	256QAM	12	0	18.58	18.59	18.50		
5	256QAM	12	7	18.59	18.71	18.62	19.3	5
5	256QAM	12	13	18.61	18.68	18.62		
5	256QAM	25	0	18.65	18.75	18.62		

Band 71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.19	23.33	23.28		
20	QPSK	1	49	23.12	23.19	23.09	23.4	0
20	QPSK	1	99	22.83	22.92	22.82		
20	QPSK	50	0	22.22	22.26	22.15		
20	QPSK	50	24	22.12	22.21	22.08	22.4	1
20	QPSK	50	50	21.92	21.94	21.83		
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	0	22.33	22.34	22.22		
20	16QAM	1	49	22.22	22.26	22.19	22.4	1
20	16QAM	1	99	21.99	22.08	22.02		
20	16QAM	50	0	21.01	21.02	20.97		
20	16QAM	50	24	20.81	20.89	20.77	21.4	2
20	16QAM	50	50	20.97	21.00	20.93		
20	16QAM	100	0	20.89	20.98	20.83		
20	64QAM	1	0	21.08	21.22	21.15		
20	64QAM	1	49	20.97	21.03	21.00	21.4	2
20	64QAM	1	99	20.86	20.99	20.89		
20	64QAM	50	0	19.93	19.94	19.86		
20	64QAM	50	24	19.96	20.00	19.91	20.4	3
20	64QAM	50	50	19.89	19.99	19.94		
20	64QAM	100	0	19.97	20.07	20.02		
20	256QAM	1	0	18.28	18.33	18.27		
20	256QAM	1	49	18.07	18.10	18.01	18.4	5
20	256QAM	1	99	18.25	18.32	18.23		
20	256QAM	50	0	18.25	18.30	18.17		
20	256QAM	50	24	18.20	18.24	18.10	18.4	5
20	256QAM	50	50	18.20	18.23	18.15		
20	256QAM	100	0	18.12	18.21	18.18		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.09	23.22	23.21		
15	QPSK	1	37	22.97	23.12	23.08	23.4	0
15	QPSK	1	74	22.74	22.78	22.80		
15	QPSK	36	0	22.14	22.20	22.12		
15	QPSK	36	20	22.04	22.18	22.00	22.4	1
15	QPSK	36	39	21.86	21.92	21.72		
15	QPSK	75	0	22.03	22.06	22.00		
15	16QAM	1	0	22.24	22.33	22.16		
15	16QAM	1	37	22.13	22.14	22.16	22.4	1
15	16QAM	1	74	21.89	21.96	21.88		
15	16QAM	36	0	20.88	20.98	20.93		
15	16QAM	36	20	20.77	20.86	20.63	21.4	2
15	16QAM	36	39	20.89	20.97	20.84		
15	16QAM	75	0	20.81	20.89	20.69		
15	64QAM	1	0	21.06	21.14	21.11		
15	64QAM	1	37	20.83	20.90	20.93	21.4	2
15	64QAM	1	74	20.82	20.95	20.87		
15	64QAM	36	0	19.85	19.91	19.77		
15	64QAM	36	20	19.87	19.94	19.79	20.4	3
15	64QAM	36	39	19.80	19.87	19.92		
15	64QAM	75	0	19.90	19.98	19.94		
15	256QAM	1	0	18.18	18.20	18.23		
15	256QAM	1	37	17.96	18.09	17.90	18.4	5
15	256QAM	1	74	18.21	18.24	18.21		
15	256QAM	36	0	18.10	18.18	18.03		
15	256QAM	36	20	18.13	18.13	17.99	18.4	5
15	256QAM	36	39	18.15	18.12	18.09		
15	256QAM	75	0	18.05	18.11	18.11		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.16	23.28	23.23		
10	QPSK	1	25	23.03	23.12	23.05	23.4	0
10	QPSK	1	49	22.82	22.88	22.72		
10	QPSK	25	0	22.13	22.20	22.01		
10	QPSK	25	12	22.10	22.18	21.99	22.4	1
10	QPSK	25	25	21.91	21.82	21.80		
10	QPSK	50	0	22.01	21.97	21.92		
10	16QAM	1	0	22.31	22.20	22.11		
10	16QAM	1	25	22.17	22.14	22.05	22.4	1
10	16QAM	1	49	21.87	21.98	21.87		
10	16QAM	25	0	21.00	20.92	20.85		
10	16QAM	25	12	20.70	20.87	20.64	21.4	2
10	16QAM	25	25	20.82	20.87	20.79		
10	16QAM	50	0	20.80	20.85	20.76		
10	64QAM	1	0	21.00	21.13	21.09		
10	64QAM	1	25	20.94	21.01	20.87	21.4	2
10	64QAM	1	49	20.72	20.84	20.88		
10	64QAM	25	0	19.87	19.91	19.76		
10	64QAM	25	12	19.85	19.85	19.89	20.4	3
10	64QAM	25	25	19.85	19.97	19.79		
10	64QAM	50	0	19.93	20.05	19.87		
10	256QAM	1	0	18.15	18.32	18.23		
10	256QAM	1	25	17.95	18.01	18.00	18.4	5
10	256QAM	1	49	18.19	18.27	18.08		
10	256QAM	25	0	18.10	18.19	18.11		
10	256QAM	25	12	18.07	18.20	18.00	18.4	5
10	256QAM	25	25	18.19	18.14	18.06		
10	256QAM	50	0	18.03	18.14	18.09		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.15	23.30	23.13		
5	QPSK	1	12	23.01	23.15	23.08	23.4	0
5	QPSK	1	24	22.76	22.83	22.80		
5	QPSK	12	0	22.10	22.15	22.10		
5	QPSK	12	7	22.06	22.18	21.94	22.4	1
5	QPSK	12	13	21.86	21.88	21.71		
5	QPSK	25	0	22.04	21.98	21.99		
5	16QAM	1	0	22.27	22.25	22.15		
5	16QAM	1	12	22.09	22.24	22.07	22.4	1
5	16QAM	1	24	21.89	22.07	21.94		
5	16QAM	12	0	20.94	20.95	20.89		
5	16QAM	12	7	20.80	20.79	20.71	21.4	2
5	16QAM	12	13	20.85	20.94	20.91		
5	16QAM	25	0	20.77	20.86	20.73		
5	64QAM	1	0	21.06	21.21	21.02		
5	64QAM	1	12	20.92	20.91	20.90	21.4	2
5	64QAM	1	24	20.82	20.84	20.82		
5	64QAM	12	0	19.84	19.92	19.83		
5	64QAM	12	7	19.92	19.97	19.90	20.4	3
5	64QAM	12	13	19.83	19.85	19.90		
5	64QAM	25	0	19.87	20.05	20.00		
5	256QAM	1	0	18.17	18.19	18.16		
5	256QAM	1	12	18.04	18.05	17.99	18.4	5
5	256QAM	1	24	18.13	18.31	18.09		
5	256QAM	12	0	18.12	18.27	18.07		
5	256QAM	12	7	18.19	18.15	18.08	18.4	5
5	256QAM	12	13	18.17	18.08	18.04		
5	256QAM	25	0	18.10	18.16	18.08		

Band 38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.91	18.97	18.86		
20	QPSK	1	49	18.85	18.93	18.74	19.5	0
20	QPSK	1	99	18.89	18.96	18.79		
20	QPSK	50	0	18.87	18.95	18.81		
20	QPSK	50	24	18.78	18.92	18.72	19.5	0
20	QPSK	50	50	18.83	18.89	18.79		
20	QPSK	100	0	18.79	18.92	18.80		
20	16QAM	1	0	18.82	18.83	18.79		
20	16QAM	1	49	18.81	18.89	18.77	19.5	0
20	16QAM	1	99	18.86	18.94	18.76		
20	16QAM	50	0	18.80	18.90	18.79		
20	16QAM	50	24	18.77	18.85	18.76	19.5	0
20	16QAM	50	50	18.85	18.82	18.75		
20	16QAM	100	0	18.77	18.90	18.74		
20	64QAM	1	0	18.77	18.92	18.75		
20	64QAM	1	49	18.79	18.96	18.71	19.5	0
20	64QAM	1	99	18.85	18.83	18.81		
20	64QAM	50	0	18.77	18.87	18.75		
20	64QAM	50	24	18.79	18.90	18.79	19.5	0
20	64QAM	50	50	18.87	18.89	18.71		
20	64QAM	100	0	18.88	18.88	18.80		
20	256QAM	1	0	18.90	18.87	18.77		
20	256QAM	1	49	18.90	18.88	18.85	19.5	0
20	256QAM	1	99	18.77	18.87	18.85		
20	256QAM	50	0	18.77	18.94	18.73		
20	256QAM	50	24	18.85	18.86	18.82	19.5	0
20	256QAM	50	50	18.88	18.93	18.80		
20	256QAM	100	0	18.80	18.90	18.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.85	18.92	18.82		
15	QPSK	1	37	18.81	18.87	18.69	19.5	0
15	QPSK	1	74	18.81	18.93	18.66		
15	QPSK	36	0	18.81	18.89	18.77		
15	QPSK	36	20	18.74	18.90	18.58	19.5	0
15	QPSK	36	39	18.79	18.85	18.78		
15	QPSK	75	0	18.71	18.77	18.70		
15	16QAM	1	0	18.81	18.74	18.72		
15	16QAM	1	37	18.78	18.87	18.71	19.5	0
15	16QAM	1	74	18.80	18.80	18.66		
15	16QAM	36	0	18.72	18.86	18.76		
15	16QAM	36	20	18.62	18.79	18.70	19.5	0
15	16QAM	36	39	18.77	18.70	18.64		
15	16QAM	75	0	18.65	18.78	18.66		
15	64QAM	1	0	18.74	18.87	18.69		
15	64QAM	1	37	18.68	18.93	18.67	19.5	0
15	64QAM	1	74	18.71	18.75	18.71		
15	64QAM	36	0	18.65	18.84	18.61		
15	64QAM	36	20	18.68	18.82	18.76	19.5	0
15	64QAM	36	39	18.81	18.65	18.65		
15	64QAM	75	0	18.83	18.84	18.74		
15	256QAM	1	0	18.81	18.76	18.76		
15	256QAM	1	37	18.75	18.83	18.84	19.5	0
15	256QAM	1	74	18.68	18.72	18.70		
15	256QAM	36	0	18.76	18.91	18.60		
15	256QAM	36	20	18.83	18.86	18.72	19.5	0
15	256QAM	36	39	18.85	18.87	18.75		
15	256QAM	75	0	18.66	18.85	18.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.85	18.92	18.75		
10	QPSK	1	25	18.70	18.88	18.59	19.5	0
10	QPSK	1	49	18.79	18.86	18.77		
10	QPSK	25	0	18.85	18.91	18.67		
10	QPSK	25	12	18.77	18.79	18.67	19.5	0
10	QPSK	25	25	18.77	18.79	18.76		
10	QPSK	50	0	18.74	18.90	18.68		
10	16QAM	1	0	18.79	18.77	18.76		
10	16QAM	1	25	18.77	18.83	18.63	19.5	0
10	16QAM	1	49	18.71	18.83	18.66		
10	16QAM	25	0	18.69	18.86	18.68		
10	16QAM	25	12	18.71	18.73	18.74	19.5	0
10	16QAM	25	25	18.72	18.79	18.72		
10	16QAM	50	0	18.68	18.83	18.62		
10	64QAM	1	0	18.63	18.78	18.67		
10	64QAM	1	25	18.75	18.86	18.68	19.5	0
10	64QAM	1	49	18.78	18.82	18.72		
10	64QAM	25	0	18.72	18.76	18.66		
10	64QAM	25	12	18.77	18.78	18.69	19.5	0
10	64QAM	25	25	18.77	18.87	18.60		
10	64QAM	50	0	18.82	18.81	18.66		
10	256QAM	1	0	18.78	18.72	18.63		
10	256QAM	1	25	18.86	18.81	18.79	19.5	0
10	256QAM	1	49	18.85	18.87	18.75		
10	256QAM	25	0	18.73	18.83	18.62		
10	256QAM	25	12	18.71	18.93	18.68	19.5	0
10	256QAM	25	25	18.85	18.81	18.66		
10	256QAM	50	0	18.88	18.93	18.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.76	18.90	18.72		
5	QPSK	1	12	18.84	18.81	18.68	19.5	0
5	QPSK	1	24	18.82	18.84	18.68		
5	QPSK	12	0	18.77	18.81	18.71		
5	QPSK	12	7	18.74	18.88	18.65	19.5	0
5	QPSK	12	13	18.68	18.82	18.75		
5	QPSK	25	0	18.72	18.86	18.69		
5	16QAM	1	0	18.74	18.71	18.64		
5	16QAM	1	12	18.80	18.82	18.73	19.5	0
5	16QAM	1	24	18.79	18.90	18.71		
5	16QAM	12	0	18.69	18.84	18.74		
5	16QAM	12	7	18.67	18.73	18.65	19.5	0
5	16QAM	12	13	18.76	18.75	18.64		
5	16QAM	25	0	18.76	18.89	18.69		
5	64QAM	1	0	18.62	18.89	18.68		
5	64QAM	1	12	18.69	18.81	18.70	19.5	0
5	64QAM	1	24	18.77	18.70	18.70		
5	64QAM	12	0	18.70	18.77	18.68		
5	64QAM	12	7	18.78	18.88	18.71	19.5	0
5	64QAM	12	13	18.77	18.78	18.57		
5	64QAM	25	0	18.81	18.86	18.74		
5	256QAM	1	0	18.89	18.81	18.70		
5	256QAM	1	12	18.85	18.82	18.74	19.5	0
5	256QAM	1	24	18.75	18.85	18.74		
5	256QAM	12	0	18.68	18.80	18.62		
5	256QAM	12	7	18.82	18.87	18.72	19.5	0
5	256QAM	12	13	18.78	18.79	18.79		
5	256QAM	25	0	18.73	18.75	18.75		

Band 38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.39	19.40	19.31		
20	QPSK	1	49	19.28	19.30	19.23	19.5	0
20	QPSK	1	99	19.26	19.33	19.28		
20	QPSK	50	0	19.34	19.36	19.28		
20	QPSK	50	24	19.30	19.33	19.17	19.5	0
20	QPSK	50	50	19.27	19.30	19.20		
20	QPSK	100	0	19.30	19.31	19.16		
20	16QAM	1	0	19.35	19.25	19.25		
20	16QAM	1	49	19.37	19.32	19.22	19.5	0
20	16QAM	1	99	19.33	19.34	19.20		
20	16QAM	50	0	19.36	19.34	19.22		
20	16QAM	50	24	19.31	19.31	19.28	19.5	0
20	16QAM	50	50	19.26	19.29	19.21		
20	16QAM	100	0	19.30	19.31	19.16		
20	64QAM	1	0	19.33	19.39	19.19		
20	64QAM	1	49	19.29	19.29	19.23	19.5	0
20	64QAM	1	99	19.34	19.36	19.16		
20	64QAM	50	0	19.33	19.30	19.20		
20	64QAM	50	24	19.28	19.31	19.21	19.5	0
20	64QAM	50	50	19.34	19.30	19.26		
20	64QAM	100	0	19.33	19.39	19.16		
20	256QAM	1	0	17.52	17.57	17.55		
20	256QAM	1	49	17.61	17.71	17.65	18	1.5
20	256QAM	1	99	17.63	17.77	17.60		
20	256QAM	50	0	17.78	17.69	17.80		
20	256QAM	50	24	17.73	17.72	17.73	18	1.5
20	256QAM	50	50	17.67	17.74	17.82		
20	256QAM	100	0	17.74	17.66	17.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.35	19.36	19.23		
15	QPSK	1	37	19.18	19.17	19.08	19.5	0
15	QPSK	1	74	19.21	19.22	19.22		
15	QPSK	36	0	19.33	19.23	19.25		
15	QPSK	36	20	19.22	19.27	19.02	19.5	0
15	QPSK	36	39	19.21	19.26	19.05		
15	QPSK	75	0	19.15	19.16	19.13		
15	16QAM	1	0	19.22	19.13	19.11		
15	16QAM	1	37	19.28	19.29	19.19	19.5	0
15	16QAM	1	74	19.32	19.24	19.10		
15	16QAM	36	0	19.31	19.32	19.17		
15	16QAM	36	20	19.23	19.18	19.15	19.5	0
15	16QAM	36	39	19.15	19.16	19.20		
15	16QAM	75	0	19.25	19.22	19.05		
15	64QAM	1	0	19.18	19.36	19.09		
15	64QAM	1	37	19.17	19.28	19.19	19.5	0
15	64QAM	1	74	19.19	19.27	19.07		
15	64QAM	36	0	19.29	19.26	19.11		
15	64QAM	36	20	19.23	19.24	19.06	19.5	0
15	64QAM	36	39	19.27	19.22	19.25		
15	64QAM	75	0	19.29	19.24	19.14		
15	256QAM	1	0	17.50	17.53	17.53		
15	256QAM	1	37	17.50	17.57	17.52	18	1.5
15	256QAM	1	74	17.52	17.70	17.55		
15	256QAM	36	0	17.76	17.55	17.70		
15	256QAM	36	20	17.68	17.61	17.71	18	1.5
15	256QAM	36	39	17.66	17.61	17.79		
15	256QAM	75	0	17.67	17.51	17.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.38	19.25	19.27		
10	QPSK	1	25	19.14	19.23	19.11	19.5	0
10	QPSK	1	49	19.25	19.23	19.14		
10	QPSK	25	0	19.21	19.32	19.13		
10	QPSK	25	12	19.17	19.22	19.15	19.5	0
10	QPSK	25	25	19.12	19.27	19.19		
10	QPSK	50	0	19.18	19.24	19.07		
10	16QAM	1	0	19.27	19.23	19.18		
10	16QAM	1	25	19.29	19.31	19.14	19.5	0
10	16QAM	1	49	19.30	19.30	19.16		
10	16QAM	25	0	19.35	19.20	19.15		
10	16QAM	25	12	19.23	19.29	19.19	19.5	0
10	16QAM	25	25	19.23	19.21	19.11		
10	16QAM	50	0	19.15	19.18	19.12		
10	64QAM	1	0	19.20	19.26	19.09		
10	64QAM	1	25	19.28	19.27	19.13	19.5	0
10	64QAM	1	49	19.32	19.33	19.01		
10	64QAM	25	0	19.23	19.27	19.14		
10	64QAM	25	12	19.26	19.22	19.16	19.5	0
10	64QAM	25	25	19.19	19.17	19.18		
10	64QAM	50	0	19.23	19.25	19.06		
10	256QAM	1	0	17.37	17.44	17.54		
10	256QAM	1	25	17.47	17.59	17.57	18	1.5
10	256QAM	1	49	17.61	17.72	17.46		
10	256QAM	25	0	17.74	17.57	17.69		
10	256QAM	25	12	17.62	17.62	17.60	18	1.5
10	256QAM	25	25	17.64	17.59	17.67		
10	256QAM	50	0	17.68	17.63	17.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.31	19.25	19.28		
5	QPSK	1	12	19.25	19.25	19.15	19.5	0
5	QPSK	1	24	19.19	19.24	19.24		
5	QPSK	12	0	19.33	19.28	19.14		
5	QPSK	12	7	19.22	19.25	19.14	19.5	0
5	QPSK	12	13	19.21	19.17	19.17		
5	QPSK	25	0	19.17	19.27	19.05		
5	16QAM	1	0	19.21	19.14	19.10		
5	16QAM	1	12	19.33	19.25	19.20	19.5	0
5	16QAM	1	24	19.19	19.31	19.11		
5	16QAM	12	0	19.23	19.23	19.14		
5	16QAM	12	7	19.22	19.22	19.19	19.5	0
5	16QAM	12	13	19.20	19.27	19.20		
5	16QAM	25	0	19.19	19.23	19.15		
5	64QAM	1	0	19.22	19.31	19.17		
5	64QAM	1	12	19.24	19.25	19.15	19.5	0
5	64QAM	1	24	19.30	19.26	19.06		
5	64QAM	12	0	19.20	19.29	19.10		
5	64QAM	12	7	19.19	19.26	19.11	19.5	0
5	64QAM	12	13	19.26	19.29	19.11		
5	64QAM	25	0	19.24	19.31	19.03		
5	256QAM	1	0	17.43	17.50	17.49		
5	256QAM	1	12	17.56	17.60	17.51	18	1.5
5	256QAM	1	24	17.61	17.71	17.46		
5	256QAM	12	0	17.69	17.67	17.73		
5	256QAM	12	7	17.68	17.64	17.69	18	1.5
5	256QAM	12	13	17.57	17.59	17.70		
5	256QAM	25	0	17.72	17.61	17.58		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.06	22.16	22.12		
20	QPSK	1	49	21.91	22.01	22.10	22.5	0
20	QPSK	1	99	22.04	22.11	21.98		
20	QPSK	50	0	22.00	22.10	22.07		
20	QPSK	50	24	21.95	22.05	22.04	22.5	0
20	QPSK	50	50	21.98	22.03	22.02		
20	QPSK	100	0	21.95	22.06	22.03		
20	16QAM	1	0	22.04	22.09	22.02		
20	16QAM	1	49	21.93	22.12	21.97	22.5	0
20	16QAM	1	99	22.00	22.04	22.07		
20	16QAM	50	0	22.03	22.02	22.06		
20	16QAM	50	24	21.98	22.13	22.07	22.5	0
20	16QAM	50	50	21.91	22.09	22.01		
20	16QAM	100	0	21.97	22.08	22.03		
20	64QAM	1	0	21.99	22.15	22.02		
20	64QAM	1	49	22.02	22.07	22.02	22.5	0
20	64QAM	1	99	22.00	22.09	22.05		
20	64QAM	50	0	21.21	21.36	21.32		
20	64QAM	50	24	21.44	21.47	21.30	22	0.5
20	64QAM	50	50	21.46	21.53	21.30		
20	64QAM	100	0	21.41	21.44	21.33		
20	256QAM	1	0	19.19	19.27	19.26		
20	256QAM	1	49	19.19	19.27	19.21	20	2.5
20	256QAM	1	99	19.40	19.40	19.35		
20	256QAM	50	0	19.38	19.43	19.40		
20	256QAM	50	24	19.26	19.32	19.37	20	2.5
20	256QAM	50	50	19.18	19.29	19.35		
20	256QAM	100	0	19.34	19.39	19.26		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.00	22.05	22.05		
15	QPSK	1	37	21.76	22.00	22.00	22.5	0
15	QPSK	1	74	22.01	21.97	21.91		
15	QPSK	36	0	21.83	22.02	21.92		
15	QPSK	36	20	21.90	21.93	21.97	22.5	0
15	QPSK	36	39	21.86	22.00	22.01		
15	QPSK	75	0	21.87	21.94	21.90		
15	16QAM	1	0	21.89	22.02	21.92		
15	16QAM	1	37	21.79	22.06	21.83	22.5	0
15	16QAM	1	74	21.89	21.99	22.01		
15	16QAM	36	0	21.95	21.99	22.04		
15	16QAM	36	20	21.89	22.09	21.99	22.5	0
15	16QAM	36	39	21.90	22.05	21.87		
15	16QAM	75	0	21.92	21.96	21.88		
15	64QAM	1	0	21.92	22.13	21.96		
15	64QAM	1	37	21.98	22.00	22.00	22.5	0
15	64QAM	1	74	21.89	22.01	21.90		
15	64QAM	36	0	21.14	21.34	21.27		
15	64QAM	36	20	21.40	21.46	21.24	22	0.5
15	64QAM	36	39	21.41	21.40	21.15		
15	64QAM	75	0	21.27	21.39	21.22		
15	256QAM	1	0	19.12	19.19	19.17		
15	256QAM	1	37	19.07	19.16	19.07	20	2.5
15	256QAM	1	74	19.33	19.31	19.25		
15	256QAM	36	0	19.25	19.34	19.31		
15	256QAM	36	20	19.16	19.27	19.22	20	2.5
15	256QAM	36	39	19.16	19.14	19.26		
15	256QAM	75	0	19.31	19.32	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.04	22.09	22.02		
10	QPSK	1	25	21.87	21.91	22.02	22.5	0
10	QPSK	1	49	21.90	22.07	21.93		
10	QPSK	25	0	21.91	21.98	21.85		
10	QPSK	25	12	21.85	21.94	21.90	22.5	0
10	QPSK	25	25	21.85	21.99	21.96		
10	QPSK	50	0	21.81	21.96	22.00		
10	16QAM	1	0	21.92	22.02	22.01		
10	16QAM	1	25	21.86	22.09	21.95	22.5	0
10	16QAM	1	49	21.94	21.91	22.04		
10	16QAM	25	0	21.90	21.99	21.93		
10	16QAM	25	12	21.89	21.98	22.00	22.5	0
10	16QAM	25	25	21.86	22.02	21.98		
10	16QAM	50	0	21.96	22.06	22.00		
10	64QAM	1	0	21.88	22.02	21.88		
10	64QAM	1	25	21.96	21.95	21.97	22.5	0
10	64QAM	1	49	21.90	21.95	22.04		
10	64QAM	25	0	21.16	21.22	21.28		
10	64QAM	25	12	21.37	21.41	21.22	22	0.5
10	64QAM	25	25	21.40	21.42	21.26		
10	64QAM	50	0	21.35	21.30	21.18		
10	256QAM	1	0	19.05	19.18	19.12		
10	256QAM	1	25	19.06	19.12	19.09	20	2.5
10	256QAM	1	49	19.28	19.37	19.30		
10	256QAM	25	0	19.36	19.36	19.39		
10	256QAM	25	12	19.18	19.23	19.36	20	2.5
10	256QAM	25	25	19.04	19.20	19.32		
10	256QAM	50	0	19.30	19.29	19.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.93	22.07	22.00		
5	QPSK	1	12	21.83	21.89	22.05	22.5	0
5	QPSK	1	24	21.96	22.01	21.89		
5	QPSK	12	0	21.90	22.01	21.96		
5	QPSK	12	7	21.90	21.97	21.95	22.5	0
5	QPSK	12	13	21.84	21.92	22.09		
5	QPSK	25	0	21.91	21.94	21.90		
5	16QAM	1	0	21.92	21.94	21.95		
5	16QAM	1	12	21.86	21.97	21.83	22.5	0
5	16QAM	1	24	21.87	22.01	22.04		
5	16QAM	12	0	21.96	22.01	21.93		
5	16QAM	12	7	21.89	22.09	21.92	22.5	0
5	16QAM	12	13	21.80	22.03	21.98		
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.96	22.14	21.90		
5	64QAM	1	12	21.90	22.05	21.89	22.5	0
5	64QAM	1	24	21.95	21.97	22.06		
5	64QAM	12	0	21.13	21.24	21.24		
5	64QAM	12	7	21.42	21.46	21.21	22	0.5
5	64QAM	12	13	21.45	21.44	21.17		
5	64QAM	25	0	21.34	21.40	21.31		
5	256QAM	1	0	19.18	19.16	19.21		
5	256QAM	1	12	19.13	19.12	19.08	20	2.5
5	256QAM	1	24	19.33	19.37	19.20		
5	256QAM	12	0	19.33	19.32	19.28		
5	256QAM	12	7	19.16	19.21	19.30	20	2.5
5	256QAM	12	13	19.16	19.19	19.23		
5	256QAM	25	0	19.27	19.30	19.17		

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.42	18.50	18.41		
20	QPSK	1	49	18.31	18.48	18.36	18.5	0
20	QPSK	1	99	18.27	18.46	18.39		
20	QPSK	50	0	18.41	18.49	18.40		
20	QPSK	50	24	18.30	18.41	18.33	18.5	0
20	QPSK	50	50	18.27	18.38	18.28		
20	QPSK	100	0	18.31	18.42	18.36		
20	16QAM	1	0	18.37	18.44	18.35		
20	16QAM	1	49	18.31	18.37	18.37	18.5	0
20	16QAM	1

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.23	17.41	17.43	17.16	17.06		
20	QPSK	1	49	17.15	17.37	17.30	17.01	17.05	17.7	0
20	QPSK	1	99	17.21	17.36	17.34	17.04	16.91		
20	QPSK	50	0	17.22	17.40	17.41	17.15	17.01		
20	QPSK	50	24	17.10	17.30	17.37	17.12	16.94	17.7	0
20	QPSK	50	50	17.15	17.33	17.31	17.05	16.91		
20	QPSK	100	0	17.21	17.33	17.36	17.08	17.04		
20	16QAM	1	0	17.13	17.38	17.42	17.10	16.93		
20	16QAM	1	49	17.20	17.31	17.37	17.13	17.00	17.7	0
20	16QAM	1	99	17.09	17.36	17.34	17.09	16.96		
20	16QAM	50	0	17.16	17.34	17.39	17.04	17.05		
20	16QAM	50	24	17.09	17.34	17.38	17.13	17.01	17.7	0
20	16QAM	50	50	17.17	17.29	17.37	17.04	17.02		
20	16QAM	100	0	17.20	17.34	17.40	17.13	17.01		
20	64QAM	1	0	17.09	17.34	17.41	17.06	16.98		
20	64QAM	1	49	17.08	17.28	17.40	17.13	16.91	17.7	0
20	64QAM	1	99	17.15	17.35	17.34	17.03	16.98		
20	64QAM	50	0	17.09	17.38	17.33	17.01	17.05		
20	64QAM	50	24	17.19	17.36	17.40	17.06	16.91	17.7	0
20	64QAM	50	50	17.09	17.37	17.28	17.11	17.03		
20	64QAM	100	0	17.08	17.37	17.40	17.11	17.04		
20	256QAM	1	0	17.20	17.26	17.28	17.03	16.98		
20	256QAM	1	49	17.21	17.33	17.39	17.11	16.96	17.7	0
20	256QAM	1	99	17.10	17.39	17.39	17.13	17.02		
20	256QAM	50	0	17.08	17.33	17.28	17.02	17.04		
20	256QAM	50	24	17.21	17.31	17.33	17.02	16.98	17.7	0
20	256QAM	50	50	17.15	17.29	17.29	17.11	16.97		
20	256QAM	100	0	17.19	17.32	17.40	17.07	17.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.18	17.38	17.42	17.01	17.01		
15	QPSK	1	37	17.08	17.23	17.21	17.00	17.01	17.7	0
15	QPSK	1	74	17.14	17.27	17.22	16.96	16.82		
15	QPSK	36	0	17.10	17.35	17.31	17.11	16.90		
15	QPSK	36	20	17.01	17.18	17.25	17.00	16.85	17.7	0
15	QPSK	36	39	17.12	17.20	17.27	16.91	16.83		
15	QPSK	75	0	17.20	17.23	17.22	17.02	16.91		
15	16QAM	1	0	17.06	17.33	17.32	17.01	16.85		
15	16QAM	1	37	17.07	17.25	17.24	17.12	16.98	17.7	0
15	16QAM	1	74	16.97	17.34	17.25	16.97	16.81		
15	16QAM	36	0	17.14	17.24	17.31	17.03	16.90		
15	16QAM	36	20	17.03	17.31	17.24	17.01	16.91	17.7	0
15	16QAM	36	39	17.14	17.14	17.23	16.90	16.93		
15	16QAM	75	0	17.12	17.27	17.38	17.10	16.93		
15	64QAM	1	0	17.05	17.31	17.31	16.91	16.83		
15	64QAM	1	37	16.94	17.22	17.29	17.12	16.84	17.7	0
15	64QAM	1	74	17.05	17.22	17.22	16.92	16.94		
15	64QAM	36	0	17.06	17.31	17.22	16.99	16.99		
15	64QAM	36	20	17.09	17.28	17.30	16.91	16.82	17.7	0
15	64QAM	36	39	17.00	17.32	17.26	17.01	16.90		
15	64QAM	75	0	17.07	17.31	17.35	17.10	17.03		
15	256QAM	1	0	17.08	17.15	17.24	16.98	16.83		
15	256QAM	1	37	17.17	17.33	17.27	17.09	16.83	17.7	0
15	256QAM	1	74	16.97	17.37	17.30	17.03	16.90		
15	256QAM	36	0	16.94	17.31	17.23	16.91	16.92		
15	256QAM	36	20	17.08	17.23	17.22	16.88	16.93	17.7	0
15	256QAM	36	39	17.08	17.14	17.16	17.02	16.86		
15	256QAM	75	0	17.07	17.27	17.30	17.00	16.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.22	17.34	17.40	17.07	17.03		
10	QPSK	1	25	17.03	17.28	17.25	16.92	16.99	17.7	0
10	QPSK	1	49	17.09	17.29	17.23	16.97	16.81		
10	QPSK	25	0	17.16	17.29	17.28	17.09	16.93		
10	QPSK	25	12	17.01	17.26	17.21	16.97	16.84	17.7	0
10	QPSK	25	25	17.08	17.29	17.16	17.00	16.90		
10	QPSK	50	0	17.19	17.28	17.31	17.01	17.01		
10	16QAM	1	0	17.04	17.30	17.31	17.03	16.90		
10	16QAM	1	25	17.12	17.26	17.26	17.08	16.92	17.7	0
10	16QAM	1	49	16.97	17.34	17.33	17.06	16.86		
10	16QAM	25	0	17.01	17.28	17.35	16.97	16.99		
10	16QAM	25	12	17.07	17.26	17.37	17.03	16.94	17.7	0
10	16QAM	25	25	17.16	17.27	17.34	17.01	16.98		
10	16QAM	50	0	17.17	17.26	17.36	17.08	16.96		
10	64QAM	1	0	17.02	17.23	17.28	16.95	16.89		
10	64QAM	1	25	17.02	17.15	17.38	17.01	16.85	17.7	0
10	64QAM	1	49	17.13	17.25	17.33	16.93	16.95		
10	64QAM	25	0	17.00	17.32	17.30	16.94	17.01		
10	64QAM	25	12	17.04	17.17	17.33	16.92	16.85	17.7	0
10	64QAM	25	25	16.97	17.29	17.16	17.01	17.01		
10	64QAM	50	0	16.99	17.33	17.34	17.00	16.95		
10	256QAM	1	0	17.12	17.16	17.16	17.01	16.87		
10	256QAM	1	25	17.06	17.30	17.24	17.05	16.88	17.7	0
10	256QAM	1	49	17.01	17.34	17.33	17.03	16.93		
10	256QAM	25	0	16.96	17.30	17.24	16.94	16.99		
10	256QAM	25	12	17.20	17.25	17.25	16.96	16.85	17.7	0
10	256QAM	25	25	17.05	17.25	17.21	17.04	16.82		
10	256QAM	50	0	17.09	17.30	17.32	17.02	16.94		
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	17.09	17.31	17.41	17.10	16.98		
5	QPSK	1	12	17.08	17.25	17.22	16.96	16.99	17.7	0
5	QPSK	1	24	17.07	17.32	17.37	17.02	16.89		
5	QPSK	12	0	17.14	17.36	17.31	17.02	17.00		
5	QPSK	12	7	16.98	17.22	17.23	17.08	16.90	17.7	0
5	QPSK	12	13	17.13	17.26	17.28	16.98	16.82		
5	QPSK	25	0	17.12	17.32	17.25	16.94	16.95		
5	16QAM	1	0	17.03	17.37	17.36	17.04	16.89		
5	16QAM	1	12	17.15	17.19	17.28	16.98	16.98	17.7	0
5	16QAM	1	24	17.06	17.22	17.29	17.07	16.81		
5	16QAM	12	0	17.05	17.31	17.28	16.93	17.04		
5	16QAM	12	7	16.98	17.20	17.34	17.05	16.86	17.7	0
5	16QAM	12	13	17.02	17.26	17.26	16.95	16.91		
5	16QAM	25	0	17.08	17.28	17.31	17.01	17.00		
5	64QAM	1	0	16.99	17.22	17.29	16.95	16.90		
5	64QAM	1	12	16.96	17.27	17.26	17.00	16.83	17.7	0
5	64QAM	1	24	17.07	17.32	17.32	16.96	16.89		
5	64QAM	12	0	17.08	17.33	17.29	17.00	16.99		
5	64QAM	12	7	17.15	17.27	17.27	17.04	16.78	17.7	0
5	64QAM	12	13	17.00	17.32	17.14	17.01	16.98		
5	64QAM	25	0	16.99	17.27	17.31	16.97	16.99		
5	256QAM	1	0	17.12	17.18	17.19	16.89	16.84		
5	256QAM	1	12	17.10	17.30	17.35	17.00	16.82	17.7	0
5	256QAM	1	24	17.08	17.32	17.33	17.03	16.87		
5	256QAM	12	0	17.04	17.22	17.26	16.92	16.97		
5	256QAM	12	7	17.09	17.22	17.32	16.99	16.84	17.7	0
5	256QAM	12	13	17.14	17.21	17.15	17.08	16.91		
5	256QAM	25	0	17.05	17.25	17.27	16.92	16.93		

Band 41 (HPUE)_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.01	19.12	19.24	18.91	18.92		
20	QPSK	1	49	18.95	19.11	19.18	18.78	18.79	19.3	0
20	QPSK	1	99	18.95	19.01	19.13	18.83	18.91		
20	QPSK	50	0	19.00	19.05	19.17	18.88	18.89		
20	QPSK	50	24	18.91	19.03	19.11	18.83	18.86	19.3	0
20	QPSK	50	50	18.90	19.01	19.14	18.81	18.83		
20	QPSK	100	0	18.91	19.10	19.15	18.88	18.80		
20	16QAM	1	0	18.88	19.05	19.19	18.76	18.81		
20	16QAM	1	49	19.00	19.10	19.20	18.90	18.82	19.3	0
20	16QAM	1	99	18.95	18.97	19.21	18.90	18.89		
20	16QAM	50	0	18.87	19.01	19.12	18.85	18.77		
20	16QAM	50	24	18.97	19.10	19.23	18.83	18.82	19.3	0
20	16QAM	50	50	18.90	19.05	19.10	18.86	18.90		
20	16QAM	100	0	18.86	19.04	19.10	18.87	18.88		
20	64QAM	1	0	18.94	18.97	19.10	18.78	18.85		
20	64QAM	1	49	18.86	19.08	19.22	18.83	18.91	19.3	0
20	64QAM	1	99	18.96	19.06	19.15	18.85	18.89		
20	64QAM	50	0	18.95	19.09	19.19	18.82	18.83		
20	64QAM	50	24	18.91	18.99	19.12	18.80	18.82	19.3	0
20	64QAM	50	50	18.88	19.04	19.23	18.83	18.90		
20	64QAM	100	0	18.89	19.08	19.14	18.82	18.82		
20	256QAM	1	0	18.86	19.07	19.12	18.86	18.90		
20	256QAM	1	49	18.92	19.11	19.21	18.89	18.89	19.3	0
20	256QAM	1	99	18.86	19.11	19.11	18.85	18.78		
20	256QAM	50	0	18.87	19.03	19.14	18.83	18.91		
20	256QAM	50	24	18.93	19.01	19.10	18.85	18.81	19.3	0
20	256QAM	50	50	19.00	18.98	19.15	18.88	18.78		
20	256QAM	100	0	18.90	19.06	19.10	18.90	18.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.91	19.00	19.17	18.81	18.89		
15	QPSK	1	37	18.90	19.03	19.14	18.74	18.68	19.3	0
15	QPSK	1	74	18.82	18.96	19.10	18.72	18.76		
15	QPSK	36	0	18.84	18.92	19.15	18.84	18.81		
15	QPSK	36	20	18.81	18.93	18.99	18.71	18.82	19.3	0
15	QPSK	36	39	18.80	18.91	19.05	18.76	18.75		
15	QPSK	75	0	18.78	19.01	19.12	18.79	18.67		
15	16QAM	1	0	18.73	19.02	19.05	18.62	18.80		
15	16QAM	1	37	18.86	19.04	19.09	18.75	18.73	19.3	0
15	16QAM	1	74	18.81	18.95	19.19	18.77	18.79		
15	16QAM	36	0	18.74	18.86	19.06	18.75	18.69		
15	16QAM	36	20	18.85	19.01	19.16	18.68	18.74	19.3	0
15	16QAM	36	39	18.76	18.99	18.99	18.72	18.77		
15	16QAM	75	0	18.71	18.92	19.08	18.73	18.76		
15	64QAM	1	0	18.88	18.84	18.95	18.75	18.75		
15	64QAM	1	37	18.77	19.01	19.19	18.75	18.82	19.3	0
15	64QAM	1	74	18.85	18.96	19.04	18.76	18.79		
15	64QAM	36	0	18.88	18.99	19.13	18.77	18.80		
15	64QAM	36	20	18.85	18.86	19.06	18.74	18.70	19.3	0
15	64QAM	36	39	18.87	18.99	19.20	18.76	18.81		
15	64QAM	75	0	18.87	18.94	19.06	18.74	18.78		
15	256QAM	1	0	18.78	19.04	19.01	18.78	18.77		
15	256QAM	1	37	18.87	18.96	19.16	18.84	18.80	19.3	0
15	256QAM	1	74	18.75	19.05	19.09	18.82	18.72		
15	256QAM	36	0	18.80	18.90	19.01	18.69	18.90		
15	256QAM	36	20	18.86	18.94	19.00	18.79	18.69	19.3	0
15	256QAM	36	39	18.89	18.92	19.12	18.78	18.69		
15	256QAM	75	0	18.88	18.94	19.07	18.82	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.88	19.06	19.21	18.76	18.82		
10	QPSK	1	25	18.82	19.05	19.08	18.75	18.72	19.3	0
10	QPSK	1	49	18.93	18.92	19.09	18.79	18.81		
10	QPSK	25	0	18.88	19.01	19.09	18.73	18.86		
10	QPSK	25	12	18.85	19.01	19.04	18.77	18.78	19.3	0
10	QPSK	25	25	18.75	18.95	19.00	18.67	18.71		
10	QPSK	50	0	18.78	19.01	19.08	18.74	18.66		
10	16QAM	1	0	18.85	18.91	19.06	18.69	18.69		
10	16QAM	1	25	18.97	19.08	19.12	18.87	18.68	19.3	0
10	16QAM	1	49	18.83	18.94	19.19	18.86	18.74		
10	16QAM	25	0	18.79	18.96	18.99	18.70	18.76		
10	16QAM	25	12	18.89	18.98	19.18	18.70	18.69	19.3	0
10	16QAM	25	25	18.80	18.97	19.00	18.80	18.85		
10	16QAM	50	0	18.77	19.01	19.05	18.82	18.86		
10	64QAM	1	0	18.84	18.88	19.06	18.73	18.81		
10	64QAM	1	25	18.84	18.97	19.18	18.81	18.86	19.3	0
10	64QAM	1	49	18.92	19.03	19.09	18.71	18.87		
10	64QAM	25	0	18.82	18.98	19.16	18.77	18.74		
10	64QAM	25	12	18.90	18.84	18.97	18.79	18.70	19.3	0
10	64QAM	25	25	18.73	19.00	19.18	18.71	18.84		
10	64QAM	50	0	18.75	18.96	19.07	18.67	18.79		
10	256QAM	1	0	18.71	19.02	19.08	18.71	18.80		
10	256QAM	1	25	18.84	19.03	19.09	18.80	18.75	19.3	0
10	256QAM	1	49	18.81	18.99	19.06	18.80	18.63		
10	256QAM	25	0	18.73	19.02	19.06	18.72	18.87		
10	256QAM	25	12	18.90	18.90	18.96	18.74	18.70	19.3	0
10	256QAM	25	25	18.93	18.91	19.08	18.75	18.65		
10	256QAM	50	0	18.79	19.03	19.03	18.84	18.75		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.00	19.03	19.13	18.86	18.77		
5	QPSK	1	12	18.84	19.00	19.03	18.66	18.76	19.3	0
5	QPSK	1	24	18.84	18.92	19.06	18.73	18.76		
5	QPSK	12	0	18.97	18.97	19.14	18.80	18.82		
5	QPSK	12	7	18.80	18.93	19.00	18.76	18.76	19.3	0
5	QPSK	12	13	18.85	18.90	19.03	18.76	18.70		
5	QPSK	25	0	18.78	19.09	19.03	18.77	18.79		
5	16QAM	1	0	18.74	18.92	19.16	18.61	18.79		
5	16QAM	1	12	18.91	18.96	19.10	18.79	18.76	19.3	0
5	16QAM	1	24	18.83	18.92	19.19	18.78	18.77		
5	16QAM	12	0	18.86	18.97	19.05	18.78	18.68		
5	16QAM	12	7	18.90	19.01	19.12	18.75	18.72	19.3	0
5	16QAM	12	13	18.75	19.00	19.04	18.79	18.84		
5	16QAM	25	0	18.76	18.92	19.05	18.73	18.87		
5	64QAM	1	0	18.82	18.89	18.98	18.76	18.71		
5	64QAM	1	12	18.75	19.07	19.08	18.76	18.89	19.3	0
5	64QAM	1	24	18.87	18.94	19.02	18.74	18.78		
5	64QAM	12	0	18.87	19.00	19.08	18.79	18.75		
5	64QAM	12	7	18.78	18.88	19.11	18.72	18.71	19.3	0
5	64QAM	12	13	18.73	19.03	19.10	18.82	18.88		
5	64QAM	25	0	18.76	18.99	18.99	18.74	18.79		
5	256QAM	1	0	18.83	18.99	19.05	18.78	18.79		
5	256QAM	1	12	18.81	19.06	19.12	18.82	18.88	19.3	0
5	256QAM	1	24	18.72	19.07	19.02	18.80	18.74		
5	256QAM	12	0	18.80	18.97	19.13	18.68	18.87		
5	256QAM	12	7	18.84	18.99	19.03	18.76	18.66	19.3	0
5	256QAM	12	13	18.91	18.90	19.06	18.84	18.64		
5	256QAM	25	0	18.87	18.95	19.07	18.85	18.74		

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.52	17.05	17.16	16.89	17.01		
20	QPSK	1	49	16.48	16.94	17.14	16.78	17.00	17.2	0
20	QPSK	1	99	16.47	17.00	17.08	16.79	16.87		
20	QPSK	50	0	16.48	17.04	17.11	16.87	16.97		
20	QPSK	50	24	16.30	17.03	17.01	16.86	16.97	17.2	0
20	QPSK	50	50	16.41	16.98	17.07	16.83	16.87		
20	QPSK	100	0	16.44	16.93	17.05	16.78	16.93		
20	16QAM	1	0	16.39	16.99	17.01	16.82	16.94		
20	16QAM	1	49	16.46	16.92	17.03	16.82	16.91	17.2	0
20	16QAM	1	99	16.38	16.92	17.11	16.82	16.87		
20	16QAM	50	0	16.47	17.01	17.04	16.77	16.92		
20	16QAM	50	24	16.43	16.92	17.04	16.86	16.88	17.2	0
20	16QAM	50	50	16.38	17.01	17.12	16.86	16.89		
20	16QAM	100	0	16.51	16.93	17.09	16.87	16.92		
20	64QAM	1	0	16.51	17.01	17.02	16.78	16.89		
20	64QAM	1	49	16.50	16.96	17.15	16.79	16.93	17.2	0
20	64QAM	1	99	16.39	16.96	17.03	16.83	16.87		
20	64QAM	50	0	16.49	17.00	17.11	16.84	16.91		
20	64QAM	50	24	16.50	17.00	17.03	16.76	16.93	17.2	0
20	64QAM	50	50	16.39	16.91	17.12	16.76	16.96		
20	64QAM	100	0	16.43	16.97	17.10	16.81	16.89		
20	256QAM	1	0	16.37	16.93	17.11	16.87	16.88		
20	256QAM	1	49	16.49	16.96	17.03	16.77	16.97	17.2	0
20	256QAM	1	99	16.38	16.93	17.07	16.88	16.93		
20	256QAM	50	0	16.48	17.03	17.01	16.75	16.90		
20	256QAM	50	24	16.38	17.04	17.07	16.86	16.86	17.2	0
20	256QAM	50	50	16.43	17.01	17.10	16.86	16.95		
20	256QAM	100	0	16.40	16.96	17.11	16.83	16.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.48	17.00	17.10	16.82	16.97		
15	QPSK	1	37	16.35	16.88	17.08	16.72	16.85	17.2	0
15	QPSK	1	74	16.46	16.92	17.07	16.75	16.75		
15	QPSK	36	0	16.40	16.89	16.99	16.75	16.88		
15	QPSK	36	20	16.27	17.02	16.88	16.71	16.92	17.2	0
15	QPSK	36	39	16.36	16.86	16.94	16.79	16.79		
15	QPSK	75	0	16.36	16.92	17.02	16.63	16.90		
15	16QAM	1	0	16.33	16.93	16.99	16.70	16.90		
15	16QAM	1	37	16.34	16.87	16.97	16.80	16.89	17.2	0
15	16QAM	1	74	16.29	16.79	17.02	16.70	16.81		
15	16QAM	36	0	16.34	16.96	17.00	16.65	16.85		
15	16QAM	36	20	16.35	16.87	17.01	16.77	16.73	17.2	0
15	16QAM	36	39	16.30	16.98	17.11	16.82	16.82		
15	16QAM	75	0	16.38	16.81	17.03	16.81	16.79		
15	64QAM	1	0	16.39	16.90	16.96	16.64	16.77		
15	64QAM	1	37	16.37	16.88	17.07	16.72	16.91	17.2	0
15	64QAM	1	74

Band 41 (HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.27	18.63	18.64	18.58	18.61		
20	QPSK	1	49	18.23	18.59	18.54	18.53	18.60	18.8	0
20	QPSK	1	99	18.22	18.55	18.52	18.45	18.53		
20	QPSK	50	0	18.25	18.58	18.61	18.55	18.59		
20	QPSK	50	24	18.13	18.56	18.57	18.53	18.50	18.8	0
20	QPSK	50	50	18.20	18.55	18.57	18.45	18.50		
20	QPSK	100	0	18.22	18.56	18.57	18.43	18.54		
20	16QAM	1	0	18.16	18.58	18.53	18.51	18.51		
20	16QAM	1	49	18.18	18.57	18.53	18.51	18.48	18.8	0
20	16QAM	1	99	18.15	18.56	18.56	18.54	18.49		
20	16QAM	50	0	18.20	18.53	18.51	18.57	18.46		
20	16QAM	50	24	18.21	18.62	18.59	18.44	18.46	18.8	0
20	16QAM	50	50	18.14	18.56	18.63	18.55	18.51		
20	16QAM	100	0	18.18	18.55	18.63	18.57	18.56		
20	64QAM	1	0	18.13	18.56	18.52	18.48	18.53		
20	64QAM	1	49	18.21	18.58	18.55	18.51	18.56	18.8	0
20	64QAM	1	99	18.14	18.55	18.58	18.43	18.46		
20	64QAM	50	0	18.13	18.60	18.51	18.46	18.55		
20	64QAM	50	24	18.25	18.58	18.57	18.56	18.56	18.8	0
20	64QAM	50	50	18.26	18.57	18.58	18.53	18.56		
20	64QAM	100	0	18.22	18.56	18.50	18.54	18.52		
20	256QAM	1	0	18.19	18.54	18.59	18.48	18.59		
20	256QAM	1	49	18.14	18.54	18.55	18.57	18.59	18.8	0
20	256QAM	1	99	18.18	18.62	18.54	18.47	18.56		
20	256QAM	50	0	18.25	18.60	18.60	18.49	18.59		
20	256QAM	50	24	18.16	18.58	18.49	18.57	18.57	18.8	0
20	256QAM	50	50	18.14	18.59	18.52	18.43	18.47		
20	256QAM	100	0	18.16	18.62	18.52	18.52	18.60		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.12	18.56	18.62	18.43	18.50		
15	QPSK	1	37	18.18	18.51	18.49	18.44	18.57	18.8	0
15	QPSK	1	74	18.12	18.53	18.39	18.43	18.45		
15	QPSK	36	0	18.23	18.51	18.55	18.44	18.53		
15	QPSK	36	20	18.08	18.50	18.47	18.50	18.37	18.8	0
15	QPSK	36	39	18.05	18.40	18.48	18.33	18.47		
15	QPSK	75	0	18.17	18.43	18.49	18.35	18.44		
15	16QAM	1	0	18.02	18.57	18.39	18.36	18.38		
15	16QAM	1	37	18.10	18.46	18.48	18.37	18.47	18.8	0
15	16QAM	1	74	18.12	18.53	18.49	18.41	18.43		
15	16QAM	36	0	18.14	18.40	18.47	18.42	18.38		
15	16QAM	36	20	18.15	18.56	18.46	18.39	18.35	18.8	0
15	16QAM	36	39	18.07	18.51	18.48	18.52	18.48		
15	16QAM	75	0	18.13	18.54	18.52	18.46	18.51		
15	64QAM	1	0	18.11	18.46	18.39	18.44	18.39		
15	64QAM	1	37	18.13	18.57	18.53	18.49	18.42	18.8	0
15	64QAM	1	74	18.04	18.46	18.52	18.38	18.39		
15	64QAM	36	0	17.98	18.52	18.49	18.42	18.42		
15	64QAM	36	20	18.11	18.52	18.42	18.48	18.43	18.8	0
15	64QAM	36	39	18.11	18.47	18.43	18.45	18.34		
15	64QAM	75	0	18.19	18.48	18.41	18.43	18.48		
15	256QAM	1	0	18.05	18.39	18.53	18.47	18.48		
15	256QAM	1	37	18.15	18.56	18.47	18.43	18.49	18.8	0
15	256QAM	1	74	18.08	18.47	18.43	18.34	18.49		
15	256QAM	36	0	18.22	18.56	18.57	18.37	18.45		
15	256QAM	36	20	18.05	18.55	18.36	18.52	18.42	18.8	0
15	256QAM	36	39	18.02	18.49	18.41	18.37	18.36		
15	256QAM	75	0	18.10	18.60	18.51	18.48	18.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.15	18.62	18.60	18.47	18.51		
10	QPSK	1	25	18.14	18.47	18.43	18.38	18.50	18.8	0
10	QPSK	1	49	18.21	18.53	18.51	18.37	18.38		
10	QPSK	25	0	18.24	18.50	18.60	18.47	18.48		
10	QPSK	25	12	18.12	18.45	18.55	18.40	18.46	18.8	0
10	QPSK	25	25	18.06	18.45	18.46	18.31	18.38		
10	QPSK	50	0	18.17	18.43	18.54	18.29	18.46		
10	16QAM	1	0	18.09	18.52	18.47	18.47	18.40		
10	16QAM	1	25	18.13	18.43	18.51	18.44	18.47	18.8	0
10	16QAM	1	49	18.04	18.47	18.44	18.41	18.38		
10	16QAM	25	0	18.10	18.50	18.38	18.51	18.35		
10	16QAM	25	12	18.11	18.49	18.52	18.35	18.33	18.8	0
10	16QAM	25	25	18.09	18.43	18.50	18.46	18.43		
10	16QAM	50	0	18.16	18.42	18.59	18.48	18.53		
10	64QAM	1	0	18.07	18.47	18.43	18.45	18.38		
10	64QAM	1	25	18.18	18.56	18.52	18.48	18.41	18.8	0
10	64QAM	1	49	18.06	18.42	18.49	18.36	18.33		
10	64QAM	25	0	18.05	18.55	18.44	18.42	18.53		
10	64QAM	25	12	18.10	18.49	18.55	18.54	18.50	18.8	0
10	64QAM	25	25	18.11	18.53	18.43	18.46	18.49		
10	64QAM	50	0	18.13	18.52	18.39	18.41	18.46		
10	256QAM	1	0	18.06	18.49	18.44	18.46	18.58		
10	256QAM	1	25	17.99	18.42	18.40	18.43	18.47	18.8	0
10	256QAM	1	49	18.09	18.54	18.41	18.34	18.43		
10	256QAM	25	0	18.21	18.53	18.49	18.42	18.57		
10	256QAM	25	12	18.08	18.55	18.36	18.54	18.42	18.8	0
10	256QAM	25	25	18.06	18.58	18.39	18.34	18.34		
10	256QAM	50	0	18.15	18.56	18.50	18.45	18.48		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.21	18.48	18.63	18.43	18.47		
5	QPSK	1	12	18.14	18.52	18.44	18.43	18.59	18.8	0
5	QPSK	1	24	18.11	18.42	18.50	18.34	18.49		
5	QPSK	12	0	18.23	18.56	18.53	18.43	18.51		
5	QPSK	12	7	18.06	18.48	18.43	18.40	18.47	18.8	0
5	QPSK	12	13	18.06	18.39	18.45	18.33	18.37		
5	QPSK	25	0	18.09	18.46	18.44	18.36	18.42		
5	16QAM	1	0	18.11	18.47	18.46	18.50	18.50		
5	16QAM	1	12	18.07	18.45	18.48	18.49	18.34	18.8	0
5	16QAM	1	24	18.00	18.45	18.51	18.46	18.37		
5	16QAM	12	0	18.07	18.40	18.38	18.46	18.42		
5	16QAM	12	7	18.12	18.61	18.48	18.37	18.31	18.8	0
5	16QAM	12	13	18.08	18.43	18.58	18.51	18.47		
5	16QAM	25	0	18.04	18.42	18.50	18.44	18.45		
5	64QAM	1	0	18.09	18.44	18.50	18.33	18.38		
5	64QAM	1	12	18.15	18.44	18.46	18.48	18.55	18.8	0
5	64QAM	1	24	18.06	18.48	18.28	18.43	18.43		
5	64QAM	12	0	18.11	18.49	18.45	18.44	18.51		
5	64QAM	12	7	18.13	18.56	18.46	18.48	18.52	18.8	0
5	64QAM	12	13	18.19	18.44	18.43	18.38	18.52		
5	64QAM	25	0	18.18	18.52	18.36	18.50	18.48		
5	256QAM	1	0	18.10	18.48	18.51	18.38	18.48		
5	256QAM	1	12	18.08	18.40	18.40	18.50	18.50	18.8	0
5	256QAM	1	24	18.09	18.58	18.46	18.35	18.49		
5	256QAM	12	0	18.24	18.49	18.52	18.34	18.53		
5	256QAM	12	7	18.08	18.45	18.36	18.50	18.44	18.8	0
5	256QAM	12	13	18.07	18.44	18.40	18.38	18.36		
5	256QAM	25	0	18.03	18.56	18.51	18.49	18.58		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.14	18.15	18.21	17.95	18.10		
20	QPSK	1	49	18.09	18.01	18.17	17.85	18.00	18.7	0
20	QPSK	1	99	18.12	18.03	18.12	17.84	17.96		
20	QPSK	50	0	18.12	18.12	18.15	17.94	18.07		
20	QPSK	50	24	18.08	18.08	18.11	17.90	18.02	18.7	0
20	QPSK	50	50	18.03	18.08	18.04	17.85	18.00		
20	QPSK	100	0	18.04	18.03	18.10	17.91	17.98		
20	16QAM	1	0	18.12	18.01	18.13	17.84	17.98		
20	16QAM	1	49	18.12	18.03	18.07	17.84	17.96	18.7	0
20	16QAM	1	99	18.06	18.00	18.14	17.84	17.97		
20	16QAM	50	0	18.11	18.10	18.14	17.86	18.06		
20	16QAM	50	24	18.02	18.08	18.15	17.81	18.01	18.7	0
20	16QAM	50	50	18.08	18.03	18.16	17.93	18.01		
20	16QAM	100	0	18.04	18.10	18.04	17.94	18.04		
20	64QAM	1	0	18.03	17.98	18.10	17.94	18.04		
20	64QAM	1	49	18.09	18.09	18.13	17.90	18.08	18.7	0
20	64QAM	1	99	18.09	18.03	18.08	17.87	17.96		
20	64QAM	50	0	18.12	18.02	18.04	17.83	17.97		
20	64QAM	50	24	18.10	18.03	18.13	17.87	17.95	18.7	0
20	64QAM	50	50	18.06	17.99	18.07	17.88	17.95		
20	64QAM	100	0	18.01	18.07	18.04	17.81	18.00		
20	256QAM	1	0	18.03	18.03	18.09	17.87	18.02		
20	256QAM	1	49	18.00	17.98	18.07	17.86	17.97	18.7	0
20	256QAM	1	99	18.10	18.05	18.12	17.90	17.96		
20	256QAM	50	0	18.01	18.06	18.08	17.90	17.98		
20	256QAM	50	24	18.01	18.01	18.08	17.89	18.02	18.7	0
20	256QAM	50	50	18.10	18.07	18.12	17.92	17.98		
20	256QAM	100	0	18.01	17.99	18.12	17.80	18.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.06	18.07	18.18	17.92	18.08		
15	QPSK	1	37	17.98	17.89	18.12	17.75	17.99	18.7	0
15	QPSK	1	74	17.99	17.92	17.99	17.76	17.87		
15	QPSK	36	0	17.98	17.96	18.03	17.79	18.06		
15	QPSK	36	20	18.01	17.95	17.97	17.87	17.99	18.7	0
15	QPSK	36	39	17.97	18.05	17.91	17.71	17.98		
15	QPSK	75	0	17.96	17.93	18.05	17.83	17.85		
15	16QAM	1	0	17.98	17.93	18.08	17.71	17.88		
15	16QAM	1	37	18.09	18.00	18.04	17.82	17.83	18.7	0
15	16QAM	1	74	17.91	17.98	18.13	17.71	17.90		
15	16QAM	36	0	18.07	18.09	18.08	17.77	18.04		
15	16QAM	36	20	17.88	17.98	18.09	17.72	17.86	18.7	0
15	16QAM	36	39	17.98	17.96	18.09	17.86	17.96		
15	16QAM	75	0	18.01	17.95	18.01	17.79	17.93		
15	64QAM	1	0	17.98	17.93	18.09	17.86	17.94		
15	64QAM	1	37	17.98	18.03	18.08	17.80	17.97	18.7	0
15	64QAM	1	74	18.08	18.00	17.96	17.73	17.95		
15	64QAM	36	0	18.00	17.96	18.02	17.68	17.91		
15	64QAM	36	20	17.97	17.96	18.01	17.83	17.84	18.7	0
15	64QAM	36	39	17.92	17.89	18.03	17.81	17.94		
15	64QAM	75	0	17.98	18.06	17.90	17.79	17.89		
15	256QAM	1	0	17.99	17.95	18.02	17.85	17.95		
15	256QAM	1	37	17.96	17.90	17.97	17.82	17.88	18.7	0
15	256QAM	1	74	17.95	17.98	18.10	17.89	17.87		
15	256QAM	36	0	17.92	17.93	17.96	17.84	17.90		
15	256QAM	36	20	17.96	17.97	17.93	17.82	18.00	18.7	0
15	256QAM	36	39	17.96	17.98	18.04	17.86	17.91		
15	256QAM	75	0	17.97	17.89	18.11	17.70	17.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.09	18.05	18.10	17.85	18.08		
10	QPSK	1	25	18.02	17.96	18.03	17.77	17.87	18.7	0
10	QPSK	1	49	18.02	17.96	18.11	17.74	17.87		
10	QPSK	25	0	17.98	18.10	18.13	17.80	17.96		
10	QPSK	25	12	18.07	17.95	18.07	17.89	17.92	18.7	0
10	QPSK	25	25	18.01	17.99	17.92	17.84	17.95		
10	QPSK	50	0	17.99	17.98	17.96	17.83	17.89		
10	16QAM	1	0	18.00	17.91	18.09	17.80	17.84		
10	16QAM	1	25	18.02	17.92	17.98	17.74	17.93	18.7	0
10	16QAM	1	49	18.03	17.92	17.99	17.83	17.83		
10	16QAM	25	0	18.01	18.04	18.04	17.75	17.98		
10	16QAM	25	12	18.01	18.07	18.14	17.76	17.97	18.7	0
10	16QAM	25	25	17.93	17.93	18.06	17.89	17.88		
10	16QAM	50	0	18.02	17.97	17.89	17.73	17.89		
10	64QAM	1	0	17.94	17.96	17.95	17.84	18.03		
10	64QAM	1	25	17.99	17.99	18.10	17.83	18.03	18.7	0
10	64QAM	1	49	18.01	17.89	18.04	17.78	17.95		
10	64QAM	25	0	17.98	18.01	17.91	17.74	17.90		
10	64QAM	25	12	18.06	17.89	18.01	17.76	17.94	18.7	0
10	64QAM	25	25	17.97	17.95	18.03	17.83	17.88		
10	64QAM	50	0	17.89	18.03	17.99	17.77	17.90		
10	256QAM	1	0	18.01	18.02	17.99	17.76	17.96		
10	256QAM	1	25	17.88	17.84	18.03	17.77	17.92	18.7	0
10	256QAM	1	49	18.03	18.04	18.01	17.76	17.91		
10	256QAM	25	0	17.99	17.91	18.01	17.78	17.93		
10	256QAM	25	12	17.96	17.92	17.95	17.74	18.00	18.7	0
10	256QAM	25	25	18.09	17.93	18.05	17.78	17.89		
10	256QAM	50	0	17.89	17.90	18.00	17.73	17.94		
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	18.08	18.03	18.12	17.89	18.08		
5	QPSK	1	12	18.01	17.86	18.06	17.74	17.87	18.7	0
5	QPSK	1	24	17.97	17.90	18.01	17.73	17.82		
5	QPSK	12	0	17.98	18.06	18.09	17.83	17.92		
5	QPSK	12	7	17.95	17.94	18.07	17.75	17.87	18.7	0
5	QPSK	12	13	17.98	17.94	18.03	17.81	17.85		
5	QPSK	25	0	18.03	18.00	17.95	17.90	17.93		
5	16QAM	1	0	18.06	17.96	18.00	17.78	17.94		
5	16QAM	1	12	18.06	17.98	18.03	17.73	17.87	18.7	0
5	16QAM	1	24	17.93	17.92	18.05	17.76	17.93		
5	16QAM	12	0	18.06	18.06	18.02	17.82	18.05		
5	16QAM	12	7	17.91	18.06	18.01	17.66	18.00	18.7	0
5	16QAM	12	13	17.96	17.90	18.09	17.80	17.87		
5	16QAM	25	0	18.00	17.96	17.98	17.79	17.91		
5	64QAM	1	0	17.90	17.86	17.99	17.81	18.02		
5	64QAM	1	12	17.95	18.04	17.98	17.86	17.99	18.7	0
5	64QAM	1	24	17.97	17.96	17.98	17.85	17.84		
5	64QAM	12	0	18.09	18.00	17.92	17.75	17.90		
5	64QAM	12	7	17.97	18.02	18.04	17.82	17.91	18.7	0
5	64QAM	12	13	17.91	17.89	17.93	17.77	17.89		
5	64QAM	25	0	17.94	17.92	17.89	17.73	17.89		
5	256QAM	1	0	18.01	18.00	17.94	17.73	18.01		
5	256QAM	1	12	17.85	17.93	17.94	17.75	17.89	18.7	0
5	256QAM	1	24	17.97	17.90	18.07	17.84	17.92		
5	256QAM	12	0	17.91	18.02	18.01	17.81	17.94		
5	256QAM	12	7	17.94	17.92	18.04	17.74	17.98	18.7	0
5	256QAM	12	13	17.98	18.01	17.99	17.77	17.93		
5	256QAM	25	0	17.89	17.92	18.09	17.73	18.00		

Band 41 (HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.82	19.99	20.05	19.76	19.92		
20	QPSK	1	49	19.72	19.84	19.98	19.67	19.76	20.3	0
20	QPSK	1	99	19.75	19.93	19.90	19.59	19.76		
20	QPSK	50	0	19.78	19.96	20.01	19.73	19.89		
20	QPSK	50	24	19.75	19.94	19.88	19.70	19.81	20.3	0
20	QPSK	50	50	19.74	19.88	19.90	19.73	19.77		
20	QPSK	100	0	19.78	19.95	19.91	19.71	19.79		
20	16QAM	1	0	19.73	19.94	19.90	19.69	19.77		
20	16QAM	1	49	19.77	19.92	19.95	19.70	19.78	20.3	0
20	16QAM	1	99	19.80	19.83	19.89	19.70	19.76		
20	16QAM	50	0	19.76	19.82	19.88	19.60	19.86		
20	16QAM	50	24	19.72	19.93	20.00	19.63	19.89	20.3	0
20	16QAM	50	50	19.77	19.88	19.97	19.67	19.81		
20	16QAM	100	0	19.74	19.94	19.89	19.64	19.88		
20	64QAM	1	0	19.77	19.95	19.96	19.61	19.86		
20	64QAM	1	49	19.73	19.96	19.89	19.63	19.77	20.3	0
20	64QAM	1	99	19.80	19.95	19.94	19.60	19.89		
20	64QAM	50	0	19.73	19.86	19.97	19.62	19.85		
20	64QAM	50	24	19.80	19.88	19.99	19.70	19.78	20.3	0
20	64QAM	50	50	19.77	19.88	19.95	19.62	19.89		
20	64QAM	100	0	19.73	19.82	19.88	19.69	19.77		
20	256QAM	1	0	19.74	19.87	19.91	19.62	19.81		
20	256QAM	1	49	19.78	19.96	19.90	19.66	19.88	20.3	0
20	256QAM	1	99	19.80	19.85	19.92	19.63	19.87		
20	256QAM	50	0	19.74	19.82	19.96	19.71	19.76		
20	256QAM	50	24	19.74	19.84	19.91	19.65	19.84	20.3	0
20	256QAM	50	50	19.78	19.82	19.88	19.67	19.89		
20	256QAM	100	0	19.73	19.88	20.00	19.62	19.81		
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	19.73	19.91	19.97	19.71	19.88		
15	QPSK	1	37	19.58	19.77	19.85	19.57	19.75	20.3	0
15	QPSK	1	74	19.68	19.82	19.75	19.57	19.73		
15	QPSK	36	0	19.73	19.95	19.89	19.64	19.78		
15	QPSK	36	20	19.68	19.82	19.86	19.62	19.79	20.3	0
15	QPSK	36	39	19.63	19.82	19.76	19.61	19.69		
15	QPSK	75	0	19.67	19.84	19.85	19.60	19.70		
15	16QAM	1	0	19.70	19.81	19.85	19.67	19.72		
15	16QAM	1	37	19.73	19.82	19.84	19.65	19.73	20.3	0
15	16QAM	1	74	19.68	19.80	19.84	19.63	19.75		
15	16QAM	36	0	19.64	19.70	19.82	19.52	19.82		
15	16QAM	36	20	19.68	19.86	19.86	19.53	19.85	20.3	0
15	16QAM	36	39	19.65	19.78	19.93	19.61	19.77		
15	16QAM	75	0	19.70	19.85	19.84	19.49	19.73		
15	64QAM	1	0	19.72	19.91	19.94	19.56	19.74		
15	64QAM	1	37	19.60	19.87	19.76	19.49	19.73	20.3	0
15	64QAM

Band 41_Ant 0

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	15.95	16.02	16.04	15.81	15.82	16.2	0
20	QPSK	1	49	15.89	15.94	15.90	15.69	15.75		
20	QPSK	1	99	15.83	15.94	15.91	15.73	15.75		
20	QPSK	50	0	15.91	15.98	15.99	15.78	15.77		
20	QPSK	50	24	15.87	15.92	15.92	15.67	15.76	16.2	0
20	QPSK	50	50	15.88	15.93	15.90	15.76	15.72		
20	QPSK	100	0	15.80	15.88	15.90	15.74	15.79		
20	16QAM	1	0	15.87	16.00	15.91	15.79	15.79		
20	16QAM	1	49	15.92	15.94	15.96	15.71	15.75	16.2	0
20	16QAM	1	99	15.81	16.00	15.95	15.68	15.70		
20	16QAM	50	0	15.88	15.95	16.00	15.70	15.69		
20	16QAM	50	24	15.91	15.87	15.91	15.70	15.72	16.2	0
20	16QAM	50	50	15.88	15.98	16.03	15.78	15.68		
20	16QAM	100	0	15.93	15.87	15.92	15.70	15.69		
20	64QAM	1	0	15.91	15.89	15.99	15.80	15.77		
20	64QAM	1	49	15.88	15.96	15.90	15.80	15.73	16.2	0
20	64QAM	1	99	15.94	15.92	15.94	15.70	15.69		
20	64QAM	50	0	15.85	15.88	15.93	15.72	15.67		
20	64QAM	50	24	15.83	15.92	15.92	15.78	15.81	16.2	0
20	64QAM	50	50	15.94	15.93	16.00	15.80	15.70		
20	64QAM	100	0	15.93	16.01	15.94	15.78	15.78		
20	256QAM	1	0	15.87	16.01	15.96	15.74	15.73		
20	256QAM	1	49	15.92	15.97	16.01	15.72	15.69	16.2	0
20	256QAM	1	99	15.83	15.89	15.93	15.67	15.70		
20	256QAM	50	0	15.90	15.97	15.94	15.71	15.69		
20	256QAM	50	24	15.84	15.92	15.92	15.77	15.81	16.2	0
20	256QAM	50	50	15.92	15.90	16.02	15.73	15.77		
20	256QAM	100	0	15.81	16.00	16.01	15.70	15.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.82	15.91	15.99	15.69	15.71	16.2	0
15	QPSK	1	37	15.85	15.86	15.76	15.62	15.71		
15	QPSK	1	74	15.69	15.79	15.80	15.67	15.68		
15	QPSK	36	0	15.90	15.90	15.97	15.67	15.70		
15	QPSK	36	20	15.75	15.77	15.79	15.65	15.72	16.2	0
15	QPSK	36	39	15.87	15.90	15.78	15.61	15.69		
15	QPSK	75	0	15.70	15.87	15.80	15.61	15.77		
15	16QAM	1	0	15.73	15.90	15.82	15.72	15.76		
15	16QAM	1	37	15.79	15.86	15.95	15.60	15.60	16.2	0
15	16QAM	1	74	15.73	15.99	15.82	15.56	15.55		
15	16QAM	36	0	15.76	15.81	15.90	15.65	15.63		
15	16QAM	36	20	15.79	15.85	15.87	15.59	15.64	16.2	0
15	16QAM	36	39	15.86	15.95	15.89	15.75	15.59		
15	16QAM	75	0	15.80	15.74	15.86	15.55	15.66		
15	64QAM	1	0	15.78	15.79	15.89	15.68	15.68		
15	64QAM	1	37	15.76	15.85	15.75	15.68	15.68	16.2	0
15	64QAM	1	74	15.79	15.79	15.85	15.58	15.58		
15	64QAM	36	0	15.82	15.73	15.91	15.67	15.61		
15	64QAM	36	20	15.70	15.81	15.77	15.70	15.70	16.2	0
15	64QAM	36	39	15.82	15.85	15.80	15.70	15.65		
15	64QAM	75	0	15.83	15.94	15.80	15.65	15.73		
15	256QAM	1	0	15.85	15.90	15.86	15.63	15.58		
15	256QAM	1	37	15.84	15.95	15.98	15.67	15.66	16.2	0
15	256QAM	1	74	15.75	15.87	15.81	15.61	15.63		
15	256QAM	36	0	15.87	15.90	15.88	15.70	15.54		
15	256QAM	36	20	15.73	15.77	15.90	15.65	15.66	16.2	0
15	256QAM	36	39	15.87	15.75	15.95	15.69	15.75		
15	256QAM	75	0	15.72	15.96	16.00	15.63	15.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.85	15.96	15.95	15.66	15.69	16.2	0
10	QPSK	1	25	15.74	15.92	15.89	15.68	15.71		
10	QPSK	1	49	15.69	15.82	15.89	15.59	15.65		
10	QPSK	25	0	15.88	15.89	15.85	15.77	15.63		
10	QPSK	25	12	15.78	15.91	15.86	15.62	15.67	16.2	0
10	QPSK	25	25	15.84	15.91	15.78	15.69	15.65		
10	QPSK	50	0	15.68	15.82	15.89	15.65	15.78		
10	16QAM	1	0	15.76	15.90	15.76	15.76	15.69		
10	16QAM	1	25	15.77	15.79	15.86	15.61	15.64	16.2	0
10	16QAM	1	49	15.67	15.88	15.92	15.67	15.59		
10	16QAM	25	0	15.80	15.84	15.94	15.55	15.54		
10	16QAM	25	12	15.83	15.80	15.86	15.63	15.71	16.2	0
10	16QAM	25	25	15.79	15.95	15.89	15.70	15.57		
10	16QAM	50	0	15.88	15.74	15.87	15.58	15.55		
10	64QAM	1	0	15.76	15.74	15.93	15.66	15.62		
10	64QAM	1	25	15.78	15.91	15.77	15.69	15.67	16.2	0
10	64QAM	1	49	15.86	15.86	15.86	15.58	15.54		
10	64QAM	25	0	15.72	15.83	15.90	15.63	15.65		
10	64QAM	25	12	15.72	15.81	15.80	15.72	15.67	16.2	0
10	64QAM	25	25	15.81	15.80	15.87	15.65	15.67		
10	64QAM	50	0	15.83	15.93	15.84	15.65	15.64		
10	256QAM	1	0	15.78	15.93	15.95	15.67	15.70		
10	256QAM	1	25	15.84	15.87	15.89	15.70	15.62	16.2	0
10	256QAM	1	49	15.69	15.82	15.80	15.62	15.69		
10	256QAM	25	0	15.79	15.95	15.84	15.70	15.58		
10	256QAM	25	12	15.80	15.79	15.86	15.76	15.80	16.2	0
10	256QAM	25	25	15.88	15.84	15.93	15.58	15.69		
10	256QAM	50	0	15.80	15.97	15.80	15.67	15.68		
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	15.88	15.91	15.99	15.73	15.67	16.2	0
5	QPSK	1	12	15.80	15.88	15.89	15.61	15.62		
5	QPSK	1	24	15.82	15.79	15.80	15.70	15.66		
5	QPSK	12	0	15.83	15.92	15.93	15.83	15.67		
5	QPSK	12	7	15.77	15.83	15.78	15.64	15.64	16.2	0
5	QPSK	12	13	15.85	15.91	15.75	15.73	15.66		
5	QPSK	25	0	15.74	15.74	15.86	15.64	15.67		
5	16QAM	1	0	15.86	15.91	15.84	15.67	15.75		
5	16QAM	1	12	15.77	15.80	15.83	15.62	15.74	16.2	0
5	16QAM	1	24	15.78	15.87	15.92	15.65	15.66		
5	16QAM	12	0	15.77	15.93	15.95	15.68	15.66		
5	16QAM	12	7	15.82	15.79	15.86	15.67	15.63	16.2	0
5	16QAM	12	13	15.79	15.90	15.90	15.70	15.67		
5	16QAM	25	0	15.85	15.72	15.87	15.66	15.65		
5	64QAM	1	0	15.87	15.84	15.84	15.68	15.75		
5	64QAM	1	12	15.85	15.94	15.87	15.75	15.70	16.2	0
5	64QAM	1	24	15.87	15.85	15.85	15.69	15.64		
5	64QAM	12	0	15.70	15.83	15.84	15.70	15.57		
5	64QAM	12	7	15.78	15.83	15.81	15.74	15.71	16.2	0
5	64QAM	12	13	15.88	15.83	15.93	15.66	15.58		
5	64QAM	25	0	15.89	15.98	15.89	15.68	15.76		
5	256QAM	1	0	15.75	15.92	15.85	15.59	15.64		
5	256QAM	1	12	15.78	15.82	16.00	15.69	15.58	16.2	0
5	256QAM	1	24	15.68	15.84	15.87	15.60	15.58		
5	256QAM	12	0	15.86	15.96	15.87	15.57	15.62		
5	256QAM	12	7	15.69	15.88	15.88	15.65	15.67	16.2	0
5	256QAM	12	13	15.77	15.78	15.98	15.66	15.63		
5	256QAM	25	0	15.80	15.99	15.89	15.67	15.63		

Band 41 (HPUE)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.64	17.67	17.70	17.47	17.51	17.8	0
20	QPSK	1	49	17.62	17.52	17.68	17.36	17.43		
20	QPSK	1	99	17.50	17.54	17.56	17.46	17.42		
20	QPSK	50	0	17.61	17.63	17.65	17.46	17.49		
20	QPSK	50	24	17.51	17.59	17.59	17.32	17.38	17.8	0
20	QPSK	50	50	17.56	17.55	17.63	17.40	17.44		
20	QPSK	100	0	17.57	17.60	17.62	17.41	17.38		
20	16QAM	1	0	17.60	17.53	17.57	17.38	17.42		
20	16QAM	1	49	17.49	17.57	17.58	17.32	17.44	17.8	0
20	16QAM	1	99	17.62	17.52	17.67	17.34	17.50		
20	16QAM	50	0	17.62	17.65	17.57	17.45	17.47		
20	16QAM	50	24	17.49	17.61	17.63	17.38	17.46	17.8	0
20	16QAM	50	50	17.56	17.61	17.62	17.43	17.41		
20	16QAM	100	0	17.60	17.58	17.69	17.41	17.42		
20	64QAM	1	0	17.54	17.57	17.65	17.37	17.50		
20	64QAM	1	49	17.62	17.54	17.58	17.45	17.41	17.8	0
20	64QAM	1	99	17.61	17.63	17.62	17.46	17.36		
20	64QAM	50	0	17.55	17.62	17.67	17.35	17.40		
20	64QAM	50	24	17.59	17.59	17.57	17.33	17.36	17.8	0
20	64QAM	50	50	17.56	17.64	17.66	17.36	17.45		
20	64QAM	100	0	17.49	17.55	17.62	17.45	17.50		
20	256QAM	1	0	17.51	17.55	17.65	17.46	17.38		
20	256QAM	1	49	17.56	17.60	17.64	17.33	17.46	17.8	0
20	256QAM	1	99	17.54	17.59	17.61	17.46	17.47		
20	256QAM	50	0	17.57	17.61	17.57	17.45	17.39		
20	256QAM	50	24	17.60	17.53	17.58	17.39	17.36	17.8	0
20	256QAM	50	50	17.55	17.58	17.57	17.42	17.38		
20	256QAM	100	0	17.50	17.55	17.66	17.37	17.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.50	17.62	17.56	17.38	17.50	17.8	0
15	QPSK	1	37	17.49	17.50	17.65	17.27	17.34		
15	QPSK	1	74	17.44	17.50	17.43	17.34	17.29		
15	QPSK	36	0	17.48	17.59	17.59	17.39	17.37		
15	QPSK	36	20	17.41	17.52	17.44	17.27	17.35	17.8	0
15	QPSK	36	39	17.51	17.51	17.53	17.39	17.32		
15	QPSK	75	0	17.47	17.58	17.51	17.29	17.36		
15	16QAM	1	0	17.48	17.38	17.46	17.29	17.36		
15	16QAM	1	37	17.37	17.53	17.51	17.29	17.32	17.8	0
15	16QAM	1	74	17.52	17.39	17.55	17.22	17.44		
15	16QAM	36	0	17.53	17.53	17.46	17.32	17.46		
15	16QAM	36	20	17.42	17.52	17.61	17.35	17.41	17.8	0
15	16QAM	36	39	17.49	17.55	17.61	17.41	17.34		
15	16QAM	75	0	17.54	17.53	17.65	17.36	17.41		
15	64QAM	1	0	17.44	17.53	17.53	17.35	17.44		
15	64QAM	1	37	17.51	17.51	17.47	17.32	17.34	17.8	0
15	64QAM	1	74	17.48	17.62	17.56	17.43	17.21		
15	64QAM	36	0	17.47	17.61	17.62	17.26	17.32		
15	64QAM	36	20	17.56	17.45	17.49	17.25	17.24	17.8	0
15	64QAM	36	39	17.48	17.51	17.59	17.30	17.29		
15	64QAM	75	0	17.46	17.45	17.55	17.36	17.45		
15	256QAM	1	0	17.50	17.49	17.64	17.36	17.31		
15	256QAM	1	37	17.54	17.50	17.52	17.29	17.32	17.8	0
15	256QAM	1	74	17.52	17.54	17.57	17.32	17.39		
15	256QAM	36	0	17.44	17.52	17.42	17.38	17.26		
15	256QAM	36	20	17.45	17.38	17.47	17.25	17.34	17.8	0
15	256QAM	36	39	17.45	17.50	17.42	17.38	17.23		
15	256QAM	75	0	17.37	17.41	17.60	17.36	17.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.52	17.59	17.64	17.45	17.46	17.8	0
10	QPSK	1	25	17.55	17.43	17.63	17.33	17.41		
10	QPSK	1	49	17.42	17.43	17.54	17.34	17.38		
10	QPSK	25	0	17.55	17.55	17.53	17.34	17.46	17.8	0
10	QPSK	25	12	17.45	17.45	17.57	17.22	17.31		
10	QPSK	25	25	17.45	17.48	17.52	17.26	17.32		
10	QPSK	50	0	17.54	17.55	17.53	17.31	17.27		
10	16QAM	1	0	17.46	17.52	17.53	17.24	17.39	17.8	0
10	16QAM	1	25	17.39	17.50	17.48	17.21	17.40		
10	16QAM	1	49	17.58	17.49	17.52	17.24	17.48		
10	16QAM	25	0	17.60	17.50	17.43	17.34	17.41		
10	16QAM	25	12	17.36	17.54	17.54	17.26	17.44	17.8	0
10	16QAM	25	25	17.49	17.51	17.61	17.30	17.29		
10	16QAM	50	0	17.55	17.44	17.56	17.30	17.39		
10	64QAM	1	0	17.53	17.43	17.62	17.26	17.38		
10	64QAM	1	25	17.53	17.48	17.44	17.42	17.34	17.8	0
10	64QAM	1	49	17.55	17.55	17.50	17.36	17.22		
10	64QAM	25	0	17.40	17.52	17.62	17.33	17.30		
10	64QAM	25	12	17.53	17.48	17.54	17.23	17.29	17.8	0
10	64QAM	25	25	17.41	17.60	17.59	17.29	17.40		
10	64QAM	50	0	17.42	17.44	17.53	17.32	17.39		
10	256QAM	1	0	17.42	17.54	17.56	17.35	17.29		
10	256QAM	1	25	17.54	17.58	17.62	17.19	17.31	17.8	0
10	256QAM	1	49	17.44	17.48	17.49	17.38	17.34		
10	256QAM	25	0	17.56	17.47	17.53	17.42	17.38		
10	256QAM	25	12	17.54	17.45	17.55	17.32	17.27	17.8	0
10	256QAM	25	25	17.48	17.47	17.45	17.30	17.30		
10	256QAM	50	0	17.44	17.43	17.63	17.22	17.37		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.55	17.57	17.58	17.33	17.47	17.8	0
5	QPSK	1	12	17.49	17.45	17.56	17.24	17.32		
5	QPSK	1	24	17.44	17.51	17.49	17.32	17.32		
5	QPSK	12	0	17.51	17.52	17.63	17.45	17.40		
5	QPSK	12	7	17.48	17.53	17.51	17.20	17.27	17.8	0
5	QPSK	12	13	17.46	17.47	17.50	17.38	17.36		
5	QPSK	25	0	17.54	17.58	17.52	17.40	17.24		
5	16QAM	1	0	17.47	17.51	17.42	17.29	17.38		
5	16QAM	1	12	17.38	17.52	17.54	17.21	17.42	17.8	0
5	16QAM	1	24	17.49	17.43	17.65	17.31	17.37		
5	16QAM	12	0	17.48	17.63	17.48	17.33	17.32		
5	16QAM	12	7	17.35	17.53	17.50	17.24	17.41	17.8	0
5	16QAM	12	13	17.45	17.50	17.51	17.34	17.30		
5	16QAM	25	0	17.52	17.53	17.54	17.26	17.37		
5	64QAM	1	0	17.39	17.43	17.57	17.31	17.46		
5	64QAM	1	12	17.60	17.42	17.55	17.36	17.26	17.8	0
5	64QAM	1	24	17.54	17.54	17.59	17.34	17.25		
5	64QAM	12	0	17.50	17.49	17.52	17.29	17.25		
5	64QAM	12	7	17.57	17.58	17.46	17.29	17.23	17.8	0
5	64QAM	12	13	17.44	17.57	17.60	17.26	17.37		
5	64QAM	25	0	17.43	17.42	17.59	17.31	17.44		
5	256QAM	1	0	17.50	17.49	17.51	17.40	17.25		
5	256QAM	1	12	17.41	17.50	17.60	17.21	17.32	17.8	0
5	256QAM	1	24	17.52	17.55	17.52	17.38	17.46		
5	256QAM	12	0	17.49	17.53	17.47	17.44	17.33		
5	256QAM	12	7	17.59	17.43	17.51	17.37	17.22	17.8	0
5	256QAM	12	13	17.45	17.55	17.56	17.39	17.27		
5	256QAM	25	0	17.39	17.49	17.61	17.35	17.40		

Band 48_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.72	18.78	18.76	18.80	19.5	0
20	QPSK	1	49	18.57	18.54	18.71	18.52		
20	QPSK	1	99	18.64	18.43	18.66	18.49		
20	QPSK	50	0	18.67	18.72	18.66	18.54		
20	QPSK	50	24	18.58	18.43	18.63	18.50		
20	QPSK	50	50	18.64	18.43	18.60	18.47		
20	QPSK	100	0	18.61	18.64	18.61	18.46		
20	16QAM	1	0	18.63	18.45	18.64	18.58		
20	16QAM	1	49	18.70	18.50	18.73	18.49		
20	16QAM	1	99	18.71	18.43	18.68	18.51		
20	16QAM	50	0	18.68	18.57	18.71	18.46		
20	16QAM	50	24	18.58	18.44	18.73	18.45		
20	16QAM	50	50	18.60	18.56	18.69	18.57		
20	16QAM	100	0	18.71	18.51	18.74	18.55		
20	64QAM	1	0	18.68	18.57	18.71	18.54		
20	64QAM	1	49	18.61	18.50	18.67	18.52		
20	64QAM	1	99	18.59	18.47	18.71	18.56		
20	64QAM	50	0	18.69	18.47	18.68	18.48		
20	64QAM	50	24	18.67	18.53	18.68	18.59		
20	64QAM	50	50	18.61	18.51	18.67	18.52		
20	64QAM	100	0	18.67	18.46	18.67	18.46		
20	256QAM	1	0	18.66	18.44	18.75	18.48		
20	256QAM	1	49	18.60	18.56	18.71	18.49		
20	256QAM	1	99	18.68	18.54	18.62	18.57		
20	256QAM	50	0	18.58	18.47	18.66	18.48		
20	256QAM	50	24	18.63	18.53	18.62	18.57		
20	256QAM	50	50	18.67	18.47	18.75	18.49		
20	256QAM	100	0	18.59	18.54	18.63	18.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.58	18.64	18.75	18.55	19.5	0
15	QPSK	1	37	18.52	18.47	18.60	18.42		
15	QPSK	1	74	18.51	18.31	18.57	18.37		
15	QPSK	36	0	18.52	18.38	18.51	18.48		
15	QPSK	36	20	18.60	18.41	18.57	18.49	19.5	0
15	QPSK	36	39	18.54	18.36	18.69	18.33		
15	QPSK	75	0	18.52	18.48	18.57	18.36		
15	16QAM	1	0	18.54	18.31	18.52	18.46		
15	16QAM	1	37	18.67	18.40	18.61	18.37	19.5	0
15	16QAM	1	74	18.65	18.33	18.65	18.46		
15	16QAM	36	0	18.60	18.56	18.67	18.42		
15	16QAM	36	20	18.57	18.29	18.60	18.43	19.5	0
15	16QAM	36	39	18.48	18.48	18.64	18.53		
15	16QAM	75	0	18.59	18.37	18.66	18.52		
15	64QAM	1	0	18.60	18.45	18.65	18.46		
15	64QAM	1	37	18.59	18.49	18.65	18.46	19.5	0
15	64QAM	1	74	18.45	18.46	18.63	18.41		
15	64QAM	36	0	18.66	18.38	18.57	18.47		
15	64QAM	36	20	18.59	18.38	18.59	18.50	19.5	0
15	64QAM	36	39	18.60	18.50	18.63	18.48		
15	64QAM	75	0	18.63	18.35	18.58	18.39		
15	256QAM	1	0	18.51	18.42	18.69	18.35		
15	256QAM	1	37	18.48	18.43	18.60	18.39	19.5	0
15	256QAM	1	74	18.53	18.50	18.50	18.45		

Band 48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.94	18.97	18.79	18.89		
20	QPSK	1	49	18.79	18.94	18.66	18.84	19.8	0
20	QPSK	1	99	18.89	18.89	18.72	18.82		
20	QPSK	50	0	18.92	18.95	18.74	18.87		
20	QPSK	50	24	18.89	18.89	18.72	18.86	19.8	0
20	QPSK	50	50	18.80	18.85	18.73	18.76		
20	QPSK	100	0	18.81	18.93	18.64	18.74		
20	16QAM	1	0	18.80	18.87	18.71	18.84		
20	16QAM	1	49	18.84	18.87	18.67	18.87	19.8	0
20	16QAM	1	99	18.90	18.88	18.78	18.85		
20	16QAM	50	0	18.89	18.93	18.73	18.83		
20	16QAM	50	24	18.79	18.94	18.67	18.86	19.8	0
20	16QAM	50	50	18.82	18.94	18.78	18.76		
20	16QAM	100	0	18.86	18.96	18.69	18.75		
20	64QAM	1	0	18.84	18.83	18.77	18.78		
20	64QAM	1	49	18.90	18.83	18.65	18.86	19.8	0
20	64QAM	1	99	18.91	18.87	18.69	18.75		
20	64QAM	50	0	18.89	18.87	18.74	18.83		
20	64QAM	50	24	18.85	18.85	18.76	18.83	19.8	0
20	64QAM	50	50	18.84	18.94	18.68	18.81		
20	64QAM	100	0	18.85	18.87	18.75	18.85		
20	256QAM	1	0	17.99	18.01	18.01	17.95		
20	256QAM	1	49	17.97	18.16	18.02	18.01	18.8	1
20	256QAM	1	99	17.93	18.13	18.01	17.94		
20	256QAM	50	0	18.13	18.18	18.20	18.15		
20	256QAM	50	24	18.19	18.21	18.07	18.12	18.8	1
20	256QAM	50	50	18.06	18.21	18.09	17.98		
20	256QAM	100	0	18.16	18.17	18.17	18.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	18.81	18.91	18.77	18.81		
15	QPSK	1	37	18.77	18.86	18.61	18.71	19.8	0
15	QPSK	1	74	18.88	18.84	18.64	18.73		
15	QPSK	36	0	18.72	18.71	18.63	18.61		
15	QPSK	36	20	18.80	18.85	18.65	18.82	19.8	0
15	QPSK	36	39	18.68	18.75	18.70	18.78		
15	QPSK	75	0	18.77	18.85	18.57	18.73		
15	16QAM	1	0	18.77	18.76	18.61	18.82		
15	16QAM	1	37	18.74	18.81	18.61	18.81	19.8	0
15	16QAM	1	74	18.76	18.74	18.63	18.76		
15	16QAM	36	0	18.81	18.83	18.61	18.75		
15	16QAM	36	20	18.72	18.84	18.54	18.76	19.8	0
15	16QAM	36	39	18.81	18.85	18.69	18.71		
15	16QAM	75	0	18.80	18.89	18.66	18.61		
15	64QAM	1	0	18.70	18.74	18.76	18.67		
15	64QAM	1	37	18.79	18.78	18.57	18.73	19.8	0
15	64QAM	1	74	18.89	18.85	18.65	18.73		
15	64QAM	36	0	18.80	18.74	18.65	18.74		
15	64QAM	36	20	18.75	18.77	18.63	18.81	19.8	0
15	64QAM	36	39	18.79	18.88	18.60	18.76		
15	64QAM	75	0	18.83	18.74	18.61	18.74		
15	256QAM	1	0	17.97	17.89	17.98	17.82		
15	256QAM	1	37	17.94	18.15	17.98	18.00	18.8	1
15	256QAM	1	74	17.84	18.06	17.89	17.93		
15	256QAM	36	0	18.04	18.04	18.14	18.10		
15	256QAM	36	20	18.06	18.17	17.98	18.06	18.8	1
15	256QAM	36	39	18.03	18.08	18.08	17.87		
15	256QAM	75	0	18.02	18.04	18.06	18.01		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.92	18.85	18.73	18.83		
10	QPSK	1	25	18.72	18.88	18.57	18.83	19.8	0
10	QPSK	1	49	18.76	18.76	18.59	18.77		
10	QPSK	25	0	18.73	18.82	18.69	18.71		
10	QPSK	25	12	18.80	18.79	18.60	18.81	19.8	0
10	QPSK	25	25	18.74	18.73	18.66	18.73		
10	QPSK	50	0	18.79	18.83	18.50	18.66		
10	16QAM	1	0	18.71	18.84	18.61	18.81		
10	16QAM	1	25	18.93	18.79	18.62	18.80	19.8	0
10	16QAM	1	49	18.88	18.81	18.69	18.84		
10	16QAM	25	0	18.81	18.81	18.64	18.81		
10	16QAM	25	12	18.64	18.83	18.57	18.82	19.8	0
10	16QAM	25	25	18.76	18.88	18.75	18.69		
10	16QAM	50	0	18.74	18.88	18.60	18.73		
10	64QAM	1	0	18.74	18.78	18.73	18.72		
10	64QAM	1	25	18.82	18.74	18.63	18.73	19.8	0
10	64QAM	1	49	18.76	18.74	18.57	18.61		
10	64QAM	25	0	18.75	18.72	18.60	18.71		
10	64QAM	25	12	18.72	18.78	18.67	18.71	19.8	0
10	64QAM	25	25	18.72	18.88	18.55	18.66		
10	64QAM	50	0	18.75	18.72	18.68	18.74		
10	256QAM	1	0	17.92	17.99	17.89	17.91		
10	256QAM	1	25	17.93	18.15	17.99	17.94	18.8	1
10	256QAM	1	49	17.78	18.05	17.98	17.92		
10	256QAM	25	0	18.06	18.16	18.11	18.01		
10	256QAM	25	12	18.06	18.15	18.00	18.08	18.8	1
10	256QAM	25	25	17.99	18.11	18.00	17.96		
10	256QAM	50	0	18.01	18.15	18.11	17.95		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	18.82	18.89	18.64	18.84		
5	QPSK	1	12	18.69	18.87	18.57	18.83	19.8	0
5	QPSK	1	24	18.79	18.88	18.64	18.88		
5	QPSK	12	0	18.77	18.77	18.71	18.66		
5	QPSK	12	7	18.84	18.84	18.60	18.83	19.8	0
5	QPSK	12	13	18.73	18.75	18.61	18.73		
5	QPSK	25	0	18.77	18.90	18.57	18.72		
5	16QAM	1	0	18.76	18.78	18.69	18.74		
5	16QAM	1	12	18.82	18.80	18.57	18.75	19.8	0
5	16QAM	1	24	18.75	18.84	18.65	18.88		
5	16QAM	12	0	18.78	18.80	18.64	18.80		
5	16QAM	12	7	18.71	18.90	18.60	18.77	19.8	0
5	16QAM	12	13	18.81	18.88	18.77	18.73		
5	16QAM	25	0	18.71	18.84	18.55	18.61		
5	64QAM	1	0	18.72	18.82	18.71	18.65		
5	64QAM	1	12	18.81	18.69	18.53	18.76	19.8	0
5	64QAM	1	24	18.83	18.86	18.63	18.77		
5	64QAM	12	0	18.77	18.79	18.68	18.68		
5	64QAM	12	7	18.72	18.82	18.64	18.79	19.8	0
5	64QAM	12	13	18.72	18.93	18.64	18.72		
5	64QAM	25	0	18.72	18.73	18.54	18.79		
5	256QAM	1	0	17.97	17.90	17.87	17.83		
5	256QAM	1	12	17.95	18.10	18.01	17.88	18.8	1
5	256QAM	1	24	17.90	18.04	17.98	17.83		
5	256QAM	12	0	18.09	18.09	18.11	18.09		
5	256QAM	12	7	18.17	18.13	17.97	18.05	18.8	1
5	256QAM	12	13	17.98	18.14	17.96	17.96		
5	256QAM	25	0	18.10	18.13	18.11	18.00		

Band 48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.35	17.43	17.32	17.17		
20	QPSK	1	49	17.29	17.37	17.22	17.10	17.5	0
20	QPSK	1	99	17.25	17.42	17.18	17.05		
20	QPSK	50	0	17.30	17.41	17.23	17.11		
20	QPSK	50	24	17.22	17.35	17.18	17.09	17.5	0
20	QPSK	50	50	17.24	17.36	17.20	17.06		
20	QPSK	100	0	17.27	17.38	17.21	17.09		
20	16QAM	1	0	17.25	17.34	17.23	17.06		
20	16QAM	1	49	17.28	17.41	17.27	17.10	17.5	0
20	16QAM	1	99	17.20	17.34	17.30	17.14		
20	16QAM	50	0	17.23	17.41	17.30	17.14		
20	16QAM	50	24	17.28	17.31	17.27	17.02	17.5	0
20	16QAM	50	50	17.31	17.36	17.23	17.14		
20	16QAM	100	0	17.20	17.30	17.21	17.15		
20	64QAM	1	0	17.26	17.34	17.19	17.03		
20	64QAM	1	49	17.25	17.28	17.30	17.04	17.5	0
20	64QAM	1	99	17.34	17.31	17.20	17.02		
20	64QAM	50	0	17.26	17.33	17.17	17.15		
20	64QAM	50	24	17.34	17.31	17.19	17.08	17.5	0
20	64QAM	50	50	17.28	17.28	17.19	17.13		
20	64QAM	100	0	17.23	17.42	17.29	17.06		
20	256QAM	1	0	15.75	15.81	15.62	15.73		
20	256QAM	1	49	15.83	15.83	15.68	15.84	16	1.5
20	256QAM	1	99	15.62	15.69	15.56	15.60		
20	256QAM	50	0	15.80	15.93	15.81	15.76		
20	256QAM	50	24	15.88	15.86	15.79	15.83	16	1.5
20	256QAM	50	50	15.78	15.85	15.79	15.79		
20	256QAM	100	0	15.83	15.89	15.70	15.81		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	17.30	17.38	17.18	17.07		
15	QPSK	1	37	17.21	17.31	17.08	17.09	17.5	0
15	QPSK	1	74	17.20	17.27	17.08	16.97		
15	QPSK	36	0	17.21	17.34	17.19	17.00		
15	QPSK	36	20	17.12	17.29	17.06	17.03	17.5	0
15	QPSK	36	39	17.31	17.34	17.10	17.12		
15	QPSK	75	0	17.16	17.25	17.19	16.95		
15	16QAM	1	0	17.23	17.32	17.17	16.98		
15	16QAM	1	37	17.24	17.32	17.12	16.99	17.5	0
15	16QAM	1	74	17.15	17.31	17.19	17.11		
15	16QAM	36	0	17.22	17.35	17.16	17.05		
15	16QAM	36	20	17.25	17.23	17.25	16.94	17.5	0
15	16QAM	36	39	17.23	17.31	17.08	17.11		
15	16QAM	75	0	17.12	17.26	17.17	17.06		
15	64QAM	1	0	17.14	17.19	17.06	16.97		
15	64QAM	1	37	17.11	17.14	17.24	16.99	17.5	0
15	64QAM	1	74	17.25	17.16	17.11	16.90		
15	64QAM	36	0	17.24	17.19	17.10	17.05		
15	64QAM	36	20	17.20	17.27	17.05	17.03	17.5	0
15	64QAM	36	39	17.25	17.16	17.14	17.00		
15	64QAM	75	0	17.22	17.35	17.17	16.95		
15	256QAM	1	0	15.74	15.77	15.49	15.66		
15	256QAM	1	37	15.79	15.75	15.62	15.72	16	1.5
15	256QAM	1	74	15.55	15.64	15.47	15.58		
15	256QAM	36	0	15.73	15.79	15.69	15.75		
15	256QAM	36	20	15.79	15.77	15.64	15.69	16	1.5
15	256QAM	36	39	15.72	15.70	15.75	15.75		
15	256QAM	75	0	15.72	15.74	15.68	15.68		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.20	17.29	17.27	17.10		
10	QPSK	1	25	17.22	17.28	17.08	17.04	17.5	0
10	QPSK	1	49	17.13	17.38	17.17	16.95		
10	QPSK	25	0	17.22	17.35	17.08	17.08		
10	QPSK	25	12	17.17	17.31	17.12	16.94	17.5	0
10	QPSK	25	25	17.30	17.34	17.16	17.15		
10	QPSK	50	0	17.16	17.24	17.14	17.01		
10	16QAM	1	0	17.21	17.30	17.21	17.02		
10	16QAM	1	25	17.26	17.34	17.19	16.97	17.5	0
10	16QAM	1	49	17.05	17.25	17.16	17.09		
10	16QAM	25	0	17.13	17.37	17.19	17.09		
10	16QAM	25	12	17.24	17.16	17.13	16.90	17.5	0
10	16QAM	25	25	17.30	17.31	17.19	17.01		
10	16QAM	50	0	17.13	17.26	17.20	17.02		
10	64QAM	1	0	17.18	17.31	17.18	16.91		
10	64QAM	1	25	17.11	17.18	17.20	16.92	17.5	0
10	64QAM	1	49	17.23	17.25	17.16	17.01		
10	64QAM	25	0	17.23	17.26	17.09	17.02		
10	64QAM	25	12	17.30	17.20	17.05	17.00	17.5	0
10	64QAM	25	25	17.25	17.18	17.11	17.12		
10	64QAM	50	0	17.10	17.31	17.28	16.97		
10	256QAM	1	0	15.66	15.79	15.58	15.64		
10	256QAM	1	25	15.80	15.78	15.63	15.77	16	1.5
10	256QAM	1	49	15.57	15.64	15.41	15.55		
10	256QAM	25	0	15.79	15.85	15.75	15.64		
10	256QAM	25	12	15.73	15.81	15.67	15.81	16	1.5
10	256QAM	25	25	15.76	15.79	15.66	15.77		
10	256QAM	50	0	15.82	15.81	15.62	15.69		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.50		
5	QPSK	1	0	17.24	17.38	17.26	17.06		
5	QPSK	1	12	17.14	17.29	17.13	17.02	17.5	0
5	QPSK	1	24	17.13	17.33	17.03	16.94		
5	QPSK	12	0	17.16	17.27	17.19	16.99		
5	QPSK	12	7	17.09	17.22	17.15	17.01	17.5	0
5	QPSK	12	13	17.24	17.30	17.11	17.11		
5	QPSK	25	0	17.12	17.17	17.16	17.06		
5	16QAM	1	0	17.18	17.30	17.08	17.04		
5	16QAM	1	12	17.23	17.38	17.23	17.08	17.5	0
5	16QAM	1	24	17.19	17.21	17.28	17.07		
5	16QAM	12	0	17.20	17.30	17.24	17.07		
5	16QAM	12	7	17.27	17.17	17.20	16.97	17.5	0
5	16QAM	12	13	17.21	17.24	17.18	17.09		
5	16QAM	25	0	17.11	17.27	17.10	17.00		
5	64QAM	1	0	17.20	17.23	17.09	16.97		
5	64QAM	1	12	17.17	17.23	17.15	16.89	17.5	0
5	64QAM	1	24	17.24	17.28	17.05	17.00		
5	64QAM	12	0	17.17	17.31	17.02	17.04		
5	64QAM	12	7	17.30	17.23	17.13	16.96	17.5	0
5	64QAM	12	13	17.25	17.18	17.08	17.11		
5	64QAM	25	0	17.22	17.37	17.18	17.04		
5	256QAM	1	0	15.70	15.72	15.57	15.67		
5	256QAM	1	12	15.80	15.74	15.64	15.79	16	1.5
5	256QAM	1	24	15.51	15.68	15.45	15.51		
5	256QAM	12	0	15.74	15.84	15.73	15.75		
5	256QAM	12	7	15.87	15.74	15.67	15.76	16	1.5
5	256QAM	12	13	15.68	15.83	15.64	15.65		
5	256QAM	25	0	15.79	15.86	15.58	15.69		

Band 48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.64	16.73	16.68	16.56		
20	QPSK	1	49	16.57	16.67	16.54	16.41	16.8	0
20	QPSK	1	99	16.53	16.58	16.56	16.50		
20	QPSK	50	0	16.62	16.69	16.61	16.52		
20	QPSK	50	24	16.57	16.64	16.57	16.42	16.8	0
20	QPSK	50	50	16.58	16.60	16.55	16.47		
20	QPSK	100	0	16.54	16.66	16.62	16.47		
20	16QAM	1	0	16.57	16.69	16.58	16.42		
20	16QAM	1	49	16.54	16.58	16.65	16.51	16.8	0
20	16QAM	1	99	16.49	16.67	16.64	16.46		
20	16QAM	50	0	16.53	16.66	16.64	16.45		
20	16QAM	50	24	16.63	16.66	16.53	16.45	16.8	0
20	16QAM	50	50	16.57	16.63	16.57	16.53		
20	16QAM	100	0	16.49	16.71	16.63	16.41		
20	64QAM	1	0	16.55	16.60	16.61	16.51		
20	64QAM	1	49	16.63	16.60	16.53	16.50	16.8	0
20	64QAM	1	99	16.58	16.60	16.60	16.46		
20	64QAM	50	0	16.61	16.60	16.64	16.49		
20	64QAM	50	24	16.54	16.72	16.63	16.55	16.8	0
20	64QAM	50	50	16.55	16.64	16.55	16.52		
20	64QAM	100	0	16.61	16.67	16.65	16.51		
20	256QAM	1	0	14.98	15.01	14.87	14.73		
20	256QAM	1	49	14.96	15.01	14.85	14.80	15.3	1.5
20	256QAM	1	99	14.89	14.97	14.84	14.74		
20	256QAM	50	0	15.08	15.16	15.11	14.92		
20	256QAM	50	24	15.05	15.18	15.03	14.88	15.3	1.5
20	256QAM	50	50	15.05	15.05	15.09	14.89		
20	256QAM	100	0	15.03	15.12	15.13	14.90		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	16.57	16.60	16.66	16.44		
15	QPSK	1	37	16.54	16.58	16.43	16.35	16.8	0
15	QPSK	1	74	16.49	16.46	16.55	16.47		
15	QPSK	36	0	16.50	16.51	16.52	16.32		
15	QPSK	36	20	16.53	16.51	16.59	16.47	16.8	0
15	QPSK	36	39	16.52	16.55	16.43	16.40		
15	QPSK	75	0	16.46	16.63	16.54	16.39		
15	16QAM	1	0	16.51	16.55	16.56	16.27		
15	16QAM	1	37	16.47	16.47	16.52	16.44	16.8	0
15	16QAM	1	74	16.46	16.52	16.63	16.31		
15	16QAM	36	0	16.44	16.64	16.56	16.44		
15	16QAM	36	20	16.55	16.60	16.44	16.35	16.8	0
15	16QAM	36	39	16.48	16.52	16.52	16.52		
15	16QAM	75	0	16.36	16.69	16.59	16.38		
15	64QAM	1	0	16.46	16.50	16.57	16.38		
15	64QAM	1	37	16.49	16.52	16.39	16.41	16.8	0
15	64QAM	1	74	16.47	16.57	16.45	16.32		
15	64QAM	36	0	16.38	16.56	16.62	16.46		
15	64QAM	36	20	16.50	16.67	16.51	16.49	16.8	0
15	64QAM	36	39	16.49	16.49	16.47	16.50		
15	64QAM	75	0	16.59	16.60	16.52	16.46		
15	256QAM	1	0	14.89	14.96	14.82	14.71		
15	256QAM	1	37	14.84	14.95	14.78	14.76	15.3	1.5
15	256QAM	1	74	14.78	14.86	14.76	14.71		
15	256QAM	36	0	15.06	15.12	15.10	14.84		
15	256QAM	36	20	15.01	15.12	15.01	14.78	15.3	1.5
15	256QAM	36	39	14.98	14.98	14.97	14.81		
15	256QAM	75	0	15.01	15.08	15.04	14.86		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.60	16.67	16.64	16.54		
10	QPSK	1	25	16.51	16.62	16.51	16.32	16.8	0
10	QPSK	1	49	16.49	16.45	16.42	16.38		
10	QPSK	25	0	16.56	16.49	16.59	16.31		
10	QPSK	25	12	16.44	16.59	16.66	16.37	16.8	0
10	QPSK	25	25	16.53	16.48	16.52	16.43		
10	QPSK	50	0	16.42	16.51	16.53	16.44		
10	16QAM	1	0	16.43	16.61	16.53	16.34		
10	16QAM	1	25	16.50	16.43	16.51	16.40	16.8	0
10	16QAM	1	49	16.46	16.58	16.63	16.34		
10	16QAM	25	0	16.50	16.65	16.51	16.34		
10	16QAM	25	12	16.53	16.52	16.49	16.35	16.8	0
10	16QAM	25	25	16.53	16.50	16.44	16.40		
10	16QAM	50	0	16.36	16.63	16.59	16.39		
10	64QAM	1	0	16.45	16.48	16.49	16.47		
10	64QAM	1	25	16.54	16.55	16.47	16.38	16.8	0
10	64QAM	1	49	16.57	16.55	16.56	16.38		
10	64QAM	25	0	16.42	16.49	16.53	16.43		
10	64QAM	25	12	16.48	16.64	16.51	16.45	16.8	0
10	64QAM	25	25	16.46	16.54	16.43	16.45		
10	64QAM	50	0	16.57	16.64	16.53	16.41		
10	256QAM	1	0	14.92	14.86	14.74	14.72		
10	256QAM	1	25	14.85	14.91	14.75	14.70	15.3	1.5
10	256QAM	1	49	14.77

Full&Default Power Mode

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.93	22.07	21.97	24.7	0.0
20	PI/2 BPSK	1	53	22.13	22.19	22.18		
20	PI/2 BPSK	1	104	22.03	22.08	21.99		
20	PI/2 BPSK	50	0	22.10	22.15	22.00	24.7	0.0
20	PI/2 BPSK	50	28	22.08	22.21	22.08	24.7	0.0
20	PI/2 BPSK	50	56	21.91	22.04	22.02	24.7	0.0
20	PI/2 BPSK	100	0	21.83	21.98	21.85		
20	QPSK	1	1	23.22	23.59	23.54	24.7	0.0
20	QPSK	1	53	23.49	23.53	23.48		
20	QPSK	1	104	23.46	23.54	23.43		
20	QPSK	50	0	22.49	22.57	22.45	23.7	1.0
20	QPSK	50	28	23.44	23.55	23.45	24.7	0.0
20	QPSK	50	56	22.59	22.62	22.53	23.7	1.0
20	QPSK	100	0	22.57	22.62	22.53		
20	16QAM	1	1	22.32	22.42	22.41	23.7	1.0
20	64QAM	1	1	20.98	21.05	21.01	22.2	2.5
20	256QAM	1	1	18.84	18.96	18.89	20.2	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.37	23.57	23.52	24.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.48	23.48	23.41	24.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.46	23.55	23.39	24.7	0.0

n2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.53	20.61	20.57	23.2	0.0
20	PI/2 BPSK	1	53	20.43	20.55	20.47		
20	PI/2 BPSK	1	104	20.45	20.52	20.37		
20	PI/2 BPSK	50	0	20.45	20.59	20.46	23.2	0.0
20	PI/2 BPSK	50	28	20.63	20.68	20.63	23.2	0.0
20	PI/2 BPSK	50	56	20.50	20.53	20.43	23.2	0.0
20	PI/2 BPSK	100	0	20.46	20.58	20.55		
20	QPSK	1	1	22.03	22.07	21.95	23.2	0.0
20	QPSK	1	53	21.92	21.97	21.83		
20	QPSK	1	104	21.97	21.98	21.89		
20	QPSK	50	0	20.96	21.08	21.00	22.2	1.0
20	QPSK	50	28	21.90	22.04	21.96	23.2	0.0
20	QPSK	50	56	20.91	21.03	20.90	22.2	1.0
20	QPSK	100	0	21.00	21.04	21.03		
20	16QAM	1	1	20.95	20.99	20.91	22.2	1.0
20	64QAM	1	1	19.35	19.45	19.42	20.7	2.5
20	256QAM	1	1	17.29	17.32	17.23	18.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.01	22.00	21.80	23.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.94	22.00	21.85	23.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.99	21.98	21.81	23.2	0.0

n2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.57	22.67	22.63	25.2	0.0
20	PI/2 BPSK	1	53	22.46	22.54	22.47		
20	PI/2 BPSK	1	104	22.49	22.61	22.50		
20	PI/2 BPSK	50	0	22.49	22.56	22.55	24.7	0.5
20	PI/2 BPSK	50	28	22.54	22.64	22.51	25.2	0.0
20	PI/2 BPSK	50	56	22.43	22.56	22.55	24.7	0.5
20	PI/2 BPSK	100	0	22.57	22.67	22.60		
20	QPSK	1	1	24.11	24.16	24.14	25.2	0.0
20	QPSK	1	53	24.02	24.15	24.02		
20	QPSK	1	104	23.97	24.02	23.93		
20	QPSK	50	0	22.92	23.04	23.01	24.2	1.0
20	QPSK	50	28	23.98	24.12	24.00	25.2	0.0
20	QPSK	50	56	22.93	23.07	22.94	24.2	1.0
20	QPSK	100	0	23.07	23.13	23.08		
20	16QAM	1	1	23.01	23.09	23.05	24.2	1.0
20	64QAM	1	1	21.51	21.53	21.38	22.7	2.5
20	256QAM	1	1	19.41	19.48	19.37	20.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.01	24.13	24.10	25.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.04	24.14	24.05	25.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.02	24.05	24.12	25.2	0.0

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.78	21.88	21.82	24.2	0.0
20	PI/2 BPSK	1	53	21.97	21.99	21.95		
20	PI/2 BPSK	1	104	21.83	21.85	21.83		
20	PI/2 BPSK	50	0	21.80	21.85	21.84	24.2	0.0
20	PI/2 BPSK	50	28	21.74	21.86	21.76	24.2	0.0
20	PI/2 BPSK	50	56	21.82	21.87	21.74	24.2	0.0
20	PI/2 BPSK	100	0	21.82	21.89	21.88		
20	QPSK	1	1	23.45	23.47	23.41	24.2	0.0
20	QPSK	1	53	23.40	23.43	23.36		
20	QPSK	1	104	23.30	23.35	23.23		
20	QPSK	50	0	22.32	22.38	22.30	23.2	1.0
20	QPSK	50	28	23.40	23.43	23.37	24.2	0.0
20	QPSK	50	56	22.33	22.38	22.24	23.2	1.0
20	QPSK	100	0	22.39	22.45	22.33		
20	16QAM	1	1	22.03	22.13	22.11	23.2	1.0
20	64QAM	1	1	20.62	20.67	20.54	21.7	2.5
20	256QAM	1	1	18.67	18.69	18.60	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.38	23.46	23.36	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.31	23.45	23.29	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.39	23.45	23.35	24.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.68	23.71	23.64	25.2	0.0
20	PI/2 BPSK	1	53	23.64	23.67	23.55		
20	PI/2 BPSK	1	104	23.58	23.64	23.62		
20	PI/2 BPSK	50	0	23.06	23.15	23.06	24.7	0.5
20	PI/2 BPSK	50	28	23.54	23.69	23.57	25.2	0.0
20	PI/2 BPSK	50	56	23.11	23.13	23.11	24.7	0.5
20	PI/2 BPSK	100	0	23.07	23.20	23.14		
20	QPSK	1	1	24.25	24.37	24.31	25.2	0.0
20	QPSK	1	53	23.98	24.10	23.95		
20	QPSK	1	104	23.94	24.06	24.03		
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0
20	QPSK	50	28	24.07	24.10	24.09	25.2	0.0
20	QPSK	50	56	23.05	23.14	23.09	24.2	1.0
20	QPSK	100	0	23.09	23.14	23.00		
20	16QAM	1	1	23.10	23.14	23.01	24.2	1.0
20	64QAM	1	1	21.57	21.62	21.47	22.7	2.5
20	256QAM	1	1	19.46	19.61	19.47	20.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.13	24.22	24.17	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.24	24.30	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.18	24.25	24.26	25.2	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.80	22.84	22.81	24.3	0.0
20	PI/2 BPSK	1	53	22.81	22.85	22.82		
20	PI/2 BPSK	1	104	22.63	22.71	22.64		
20	PI/2 BPSK	50	0	22.29	22.33	22.25	23.8	0.5
20	PI/2 BPSK	50	28	22.74	22.81	22.78	24.3	0.0
20	PI/2 BPSK	50	56	22.22	22.28	22.27	23.8	0.5
20	PI/2 BPSK	100	0	22.23	22.25	22.18		
20	QPSK	1	1	23.20	23.34	23.23	24.3	0.0
20	QPSK	1	53	23.12	23.21	23.18		
20	QPSK	1	104	23.20	23.26	23.21		
20	QPSK	50	0	22.13	22.26	22.18	23.3	1.0
20	QPSK	50	28	23.20	23.31	23.20	24.3	0.0
20	QPSK	50	56	22.15	22.25	22.22	23.3	1.0
20	QPSK	100	0	22.14	22.23	22.15		
20	16QAM	1	1	22.25	22.28	22.22	23.3	1.0
20	64QAM	1	1	20.70	20.75	20.70	21.8	2.5
20	256QAM	1	1	18.64	18.72	18.63	19.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.26	23.16	24.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.18	23.22	23.10	24.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.29	23.19	24.3	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.97	24.11	23.96	25.2	0.0
40	PI/2 BPSK	1	108	23.93	24.07	23.93		
40	PI/2 BPSK	1	214	24.08	24.12	24.00		
40	PI/2 BPSK	108	0	22.71	22.78	22.77	24.7	0.5
40	PI/2 BPSK	108	54	24.08	24.16	24.11	25.2	0.0
40	PI/2 BPSK	108	108	22.78	22.74	22.79	24.7	0.5
40	PI/2 BPSK	216	0	22.74	22.76	22.72		
40	QPSK	1	1	24.17	24.19	24.16	25.2	0.0
40	QPSK	1	108	24.01	24.06	23.93		
40	QPSK	1	214	24.12	24.17	24.06		
40	QPSK	108	0	22.95	22.97	22.96	24.2	1.0
40	QPSK	108	54	24.00	24.10	24.09	25.2	0.0
40	QPSK	108	108	23.24	23.31	23.22	24.2	1.0
40	QPSK	216	0	22.97	23.04	22.97		
40	16QAM	1	1	22.93	23.03	22.97	24.2	1.0
40	64QAM	1	1	21.53	21.58	21.43	22.7	2.5
40	256QAM	1	1	19.40	19.55	19.40	20.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.13	24.11	24.11	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.08	24.15	24.14	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.15	24.12	24.12	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.11	24.18	24.10	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.11	24.07	24.05	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.14	24.15	24.11	25.2	0.0

n7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.41	22.49	22.43	23.2	0.0
40	PI/2 BPSK	1	108	22.37	22.52	22.51		
40	PI/2 BPSK	1	214	21.43	21.57	21.46		
40	PI/2 BPSK	108	0	21.03	21.09	21.05	22.7	0.5
40	PI/2 BPSK	108	54	22.40	22.53	22.41	23.2	0.0
40	PI/2 BPSK	108	108	21.16	21.17	21.02	22.7	0.5
40	PI/2 BPSK	216	0	21.02	21.12	21.11		
40	QPSK	1	1	22.50	22.58	22.56	23.2	0.0
40	QPSK	1	108	22.41	22.49	22.45		
40	QPSK	1	214	22.31	22.46	22.42		
40	QPSK	108	0	21.39	21.49	21.41	22.2	1.0
40	QPSK	108	54	22.41	22.48	22.47	23.2	0.0
40	QPSK	108	108	21.55	21.69	21.67	22.2	1.0
40	QPSK	216	0	21.62	21.63	21.52		
40	16QAM	1	1	21.30	21.43	21.40	22.2	1.0
40	64QAM	1	1	19.78	19.93	19.89	20.7	2.5
40	256QAM	1	1	17.81	17.89	17.78	18.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.46	22.54	22.42	23.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.36	22.52	22.47	23.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.36	22.51	22.45	23.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.45	22.51	22.51	23.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.49	22.48	22.55	23.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.47	22.52	22.47	23.2	0.0

n7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.18	24.22	24.13	25.2	0.0
40	PI/2 BPSK	1	108	24.02	24.12	23.98		
40	PI/2 BPSK	1	214	24.04	24.06	23.97		
40	PI/2 BPSK	108	0	22.74	22.79	22.77	24.7	0.5
40	PI/2 BPSK	108	54	24.08	24.14	24.11	25.2	0.0
40	PI/2 BPSK	108	108	22.73	22.84	22.75	24.7	0.5
40	PI/2 BPSK	216	0	22.78	22.88	22.86		
40	QPSK	1	1	24.13	24.26	24.23	25.2	0.0
40	QPSK	1	108	23.95	24.10	24.09		
40	QPSK	1	214	23.85	24.00	23.98		
40	QPSK	108	0	22.95	23.02	22.90	24.2	1.0
40	QPSK	108	54	24.17	24.25	24.18	25.2	0.0
40	QPSK	108	108	23.12	23.22	23.15	24.2	1.0
40	QPSK	216	0	22.98	23.13	23.11		
40	16QAM	1	1	22.91	23.05	23.02	24.2	1.0
40	64QAM	1	1	21.55	21.59	21.53	22.7	2.5
40	256QAM	1	1	19.51	19.56	19.48	20.7	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.05	24.16	24.20	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.98	24.15	24.16	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.04	24.19	24.11	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.11	24.13	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.09	24.20	24.20	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.05	24.24	24.18	25.2	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.16	23.27	23.15	24.0	0.0
40	PI/2 BPSK	1	108	23.18	23.30	23.29		
40	PI/2 BPSK	1	214	23.20	23.26	23.22		
40	PI/2 BPSK	108	0	21.62	21.72	21.67	23.5	0.5
40	PI/2 BPSK	108	54	23.37	23.39	23.26	24.0	0.0
40	PI/2 BPSK	108	108	21.67	21.78	21.69	23.5	0.5
40	PI/2 BPSK	216	0	21.71	21.83	21.72		
40	QPSK	1	1	23.34	23.40	23.32	24.0	0.0
40	QPSK	1	108	23.20	23.32	23.27		
40	QPSK	1	214	23.07	23.21	23.19		
40	QPSK	108	0	22.17	22.32	22.18	23.0	1.0
40	QPSK	108	54	23.29	23.36	23.28	24.0	0.0
40	QPSK	108	108	22.22	22.37	22.25	23.0	1.0
40	QPSK	216	0	22.33	22.35	22.31		
40	16QAM	1	1	22.18	22.31	22.23	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.74	21.5	2.5
40	256QAM	1	1	18.71	18.75	18.72	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.26	23.37	23.27	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.28	23.27	23.30	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.30	23.36	23.26	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.24	23.36	23.26	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.21	23.27	23.17	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.24	23.29	23.24	24.0	0.0

n12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.89	23.92	23.81	24.7	0.0
15	PI/2 BPSK	1	40	23.78	23.82	23.68		
15	PI/2 BPSK	1	77	23.87	23.90	23.77		
15	PI/2 BPSK	36	0	23.30	23.36	23.30	24.2	0.5
15	PI/2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0
15	PI/2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5
15	PI/2 BPSK	75	0	23.23	23.37	23.36		
15	QPSK	1	1	24.06	24.12	23.98	24.7	0.0
15	QPSK	1	40	23.58	23.71	23.69		
15	QPSK	1	77	23.76	23.88	23.73		
15	QPSK	36	0	22.68	22.80	22.69	23.7	1.0
15	QPSK	36	22	23.76	23.82	23.69	24.7	0.0
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0
15	QPSK	75	0	22.72	22.85	22.78		
15	16QAM	1	1	22.83	22.92	22.84	23.7	1.0
15	64QAM	1	1	21.36	21.44	21.43	22.2	2.5
	256QAM	1	1	19.27	19.36	19.34	20.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.99	23.97	23.89	24.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.01	23.98	23.89	24.7	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.04	23.07	23.04	23.8	0.0
15	PI/2 BPSK	1	40	22.84	22.96	22.92		
15	PI/2 BPSK	1	77	22.94	23.04	22.91		
15	PI/2 BPSK	36	0	22.38	22.52	22.43	23.3	0.5
15	PI/2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0
15	PI/2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5
15	PI/2 BPSK	75	0	22.33	22.46	22.42		
15	QPSK	1	1	22.95	23.09	23.03	23.8	0.0
15	QPSK	1	40	22.82	22.88	22.74		
15	QPSK	1	77	22.81	22.94	22.88		
15	QPSK	36	0	21.90	22.04	22.01	22.8	1.0
15	QPSK	36	22	22.80	22.89	22.83	23.8	0.0
15	QPSK	36	43	21.88	21.89	21.85	22.8	1.0
15	QPSK	75	0	21.91	21.96	21.90		
15	16QAM	1	1	21.89	21.94	21.86	22.8	1.0
15	64QAM	1	1	20.49	20.51	20.38	21.3	2.5
	256QAM	1	1	18.35	18.44	18.38	19.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0

n13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.79		25.2	0.0
10	PI/2 BPSK	1	26		23.75			
10	PI/2 BPSK	1	50		23.78			
10	PI/2 BPSK	25	0		23.15		24.7	0.5
10	PI/2 BPSK	25	14		23.70		25.2	0.0
10	PI/2 BPSK	25	27		23.11		24.7	0.5
10	PI/2 BPSK	50	0		23.13			
10	QPSK	1	1		23.98		25.2	0.0
10	QPSK	1	26		23.60			
10	QPSK	1	50		23.69			
10	QPSK	25	0		22.67		24.2	1.0
10	QPSK	25	14		23.52		25.2	0.0
10	QPSK	25	27		22.58		24.2	1.0
10	QPSK	50	0		22.60			
10	16QAM	1	1		22.64		24.2	1.0
10	64QAM	1	1		21.13		22.7	2.5
10	256QAM	1	1		19.02		20.7	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5	25.2	0.0
5	QPSK	1	1	23.86	23.85	23.97		

n13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.77		24.3	0.0
10	PI/2 BPSK	1	26		22.75			
10	PI/2 BPSK	1	50		22.72			
10	PI/2 BPSK	25	0		22.28		23.8	0.5
10	PI/2 BPSK	25	14		22.72		24.3	0.0
10	PI/2 BPSK	25	27		22.22		23.8	0.5
10	PI/2 BPSK	50	0		22.24			
10	QPSK	1	1		22.82		24.3	0.0
10	QPSK	1	26		22.77			
10	QPSK	1	50		22.75			
10	QPSK	25	0		21.74		23.3	1.0
10	QPSK	25	14		22.63		24.3	0.0
10	QPSK	25	27		21.69		23.3	1.0
10	QPSK	50	0		21.79			
10	16QAM	1	1		21.73		23.3	1.0
10	64QAM	1	1		20.22		21.8	2.5
10	256QAM	1	1		18.06		19.8	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5	24.3	0.0
5	QPSK	1	1	22.68	22.74	22.67		

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.91	21.92	21.86	24.7	0.0
40	PI/2 BPSK	1	108	21.72	21.85	21.75		
40	PI/2 BPSK	1	214	21.73	21.83	21.81		
40	PI/2 BPSK	108	0	21.83	21.90	21.77	24.7	0.0
40	PI/2 BPSK	108	54	21.91	22.02	21.90	24.7	0.0
40	PI/2 BPSK	108	108	21.79	21.83	21.79	24.7	0.0
40	PI/2 BPSK	216	0	21.72	21.85	21.71		
40	QPSK	1	1	23.40	23.48	23.38	24.7	0.0
40	QPSK	1	108	23.19	23.30	23.17		
40	QPSK	1	214	23.31	23.32	23.28		
40	QPSK	108	0	22.29	22.43	22.38	23.7	1.0
40	QPSK	108	54	23.25	23.26	23.12	24.7	0.0
40	QPSK	108	108	22.42	22.43	22.34	23.7	1.0
40	QPSK	216	0	22.30	22.31	22.26		
40	16QAM	1	1	22.31	22.43	22.38	23.7	1.0
40	64QAM	1	1	20.82	20.91	20.82	22.2	2.5
40	256QAM	1	1	18.67	18.74	18.73	20.2	4.5
Channel				370000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.29	23.44	23.30	24.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.31	23.45	23.32	24.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.33	23.39	23.35	24.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.27	23.38	23.32	24.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.37	23.36	23.23	24.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.37	23.33	23.27	24.7	0.0

n25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.48	20.49	20.45		
40	PI/2 BPSK	1	108	20.31	20.38	20.35	23.2	0.0
40	PI/2 BPSK	1	214	20.26	20.33	20.26		
40	PI/2 BPSK	108	0	20.23	20.37	20.23	23.2	0.0
40	PI/2 BPSK	108	54	20.22	20.35	20.32	23.2	0.0
40	PI/2 BPSK	108	108	20.13	20.27	20.26		
40	PI/2 BPSK	216	0	20.21	20.31	20.18	23.2	0.0
40	QPSK	1	1	21.79	21.93	21.86		
40	QPSK	1	108	21.72	21.76	21.66	23.2	0.0
40	QPSK	1	214	21.68	21.74	21.72		
40	QPSK	108	0	20.74	20.84	20.78	22.2	1.0
40	QPSK	108	54	21.78	21.89	21.84	23.2	0.0
40	QPSK	108	108	20.68	20.76	20.62		
40	QPSK	216	0	20.81	20.85	20.83	22.2	1.0
40	16QAM	1	1	20.74	20.78	20.73	22.2	1.0
40	64QAM	1	1	19.15	19.30	19.25	20.7	2.5
40	256QAM	1	1	17.03	17.16	17.13	18.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.76	21.91	21.71	23.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.76	21.85	21.81	23.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.71	21.90	21.73	23.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.76	21.78	21.77	23.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.77	21.88	21.74	23.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.66	21.81	21.83	23.2	0.0

n25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.40	22.50	22.43		
40	PI/2 BPSK	1	108	22.37	22.48	22.34	25.2	0.0
40	PI/2 BPSK	1	214	22.50	22.51	22.44		
40	PI/2 BPSK	108	0	22.28	22.35	22.28	25.2	0.0
40	PI/2 BPSK	108	54	22.51	22.54	22.40	25.2	0.0
40	PI/2 BPSK	108	108	22.29	22.43	22.28	25.2	0.0
40	PI/2 BPSK	216	0	22.52	22.60	22.50		
40	QPSK	1	1	24.06	24.10	24.01		
40	QPSK	1	108	23.95	24.03	23.97	25.2	0.0
40	QPSK	1	214	23.96	24.00	23.98		
40	QPSK	108	0	22.88	22.97	22.88	24.2	1.0
40	QPSK	108	54	24.03	24.04	23.98	25.2	0.0
40	QPSK	108	108	22.79	22.94	22.91	24.2	1.0
40	QPSK	216	0	23.03	23.05	23.02		
40	16QAM	1	1	22.95	22.96	22.85	24.2	1.0
40	64QAM	1	1	21.37	21.41	21.36	22.7	2.5
40	256QAM	1	1	19.29	19.33	19.26	20.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.98	24.05	23.87	25.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.97	24.05	23.90	25.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.04	24.01	23.96	25.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.98	24.06	23.97	25.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.04	24.07	23.88	25.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.97	24.00	23.88	25.2	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.84	21.86	21.77		
40	PI/2 BPSK	1	108	21.71	21.83	21.78	24.2	0.0
40	PI/2 BPSK	1	214	21.68	21.72	21.57		
40	PI/2 BPSK	108	0	21.67	21.71	21.66	24.2	0.0
40	PI/2 BPSK	108	54	21.70	21.71	21.60	24.2	0.0
40	PI/2 BPSK	108	108	21.76	21.83	21.77	24.2	0.0
40	PI/2 BPSK	216	0	21.57	21.71	21.67		
40	QPSK	1	1	23.29	23.36	23.32		
40	QPSK	1	108	23.21	23.29	23.15	24.2	0.0
40	QPSK	1	214	23.23	23.30	23.21		
40	QPSK	108	0	22.24	22.27	22.25	23.2	1.0
40	QPSK	108	54	23.22	23.34	23.27	24.2	0.0
40	QPSK	108	108	22.15	22.27	22.12	23.2	1.0
40	QPSK	216	0	22.27	22.42	22.35		
40	16QAM	1	1	22.13	22.18	22.14	23.2	1.0
40	64QAM	1	1	20.60	20.63	20.54	21.7	2.5
40	256QAM	1	1	18.51	18.54	18.53	19.7	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.21	23.26	23.27	24.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.28	23.32	23.26	24.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.17	23.35	23.22	24.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.17	23.27	23.24	24.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.17	23.21	23.18	24.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.23	23.32	23.31	24.2	0.0

n26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.39	24.33	25.2	0.0
20	PI/2 BPSK	1	53	24.29	24.38	24.35		
20	PI/2 BPSK	1	104	24.27	24.30	24.25		
20	PI/2 BPSK	50	0	23.89	23.91	23.80	24.7	0.5
20	PI/2 BPSK	50	28	24.36	24.47	24.44	25.2	0.0
20	PI/2 BPSK	50	56	23.87	23.90	23.83	24.7	0.5
20	PI/2 BPSK	100	0	23.81	23.94	23.85		
20	QPSK	1	1	24.44	24.51	24.38	25.2	0.0
20	QPSK	1	53	24.28	24.30	24.15		
20	QPSK	1	104	24.24	24.33	24.31		
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0
20	QPSK	50	28	24.18	24.32	24.18	25.2	0.0
20	QPSK	50	56	23.36	23.38	23.25	24.2	1.0
20	QPSK	100	0	23.24	23.39	23.29		
20	16QAM	1	1	23.33	23.35	23.30	24.2	1.0
20	64QAM	1	1	21.65	21.77	21.75	22.7	2.5
20	256QAM	1	1	19.89	19.92	19.86	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.42	24.49	24.36	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.43	24.43	24.32	25.2	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.39	23.42	23.28	24.3	0.0
20	PI/2 BPSK	1	53	23.27	23.39	23.30		
20	PI/2 BPSK	1	104	23.31	23.41	23.28		
20	PI/2 BPSK	50	0	22.88	22.92	22.79	23.8	0.5
20	PI/2 BPSK	50	28	23.33	23.39	23.26	24.3	0.0
20	PI/2 BPSK	50	56	22.85	22.97	22.85	23.8	0.5
20	PI/2 BPSK	100	0	22.80	22.94	22.90		
20	QPSK	1	1	23.40	23.45	23.43	24.3	0.0
20	QPSK	1	53	23.24	23.37	23.33		
20	QPSK	1	104	23.28	23.42	23.27		
20	QPSK	50	0	22.40	22.45	22.30	23.3	1.0
20	QPSK	50	28	23.31	23.36	23.23	24.3	0.0
20	QPSK	50	56	22.40	22.45	22.37	23.3	1.0
20	QPSK	100	0	22.32	22.39	22.28		
20	16QAM	1	1	22.38	22.45	22.33	23.3	1.0
20	64QAM	1	1	20.90	20.91	20.76	21.8	2.5
20	256QAM	1	1	18.91	18.96	18.95	19.8	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.32	23.33	23.38	24.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.38	23.35	23.40	24.3	0.0

n30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.71		24.4	0.0
10	PI/2 BPSK	1	26		22.83			
10	PI/2 BPSK	1	50		22.67			
10	PI/2 BPSK	25	0		22.69		23.9	0.5
10	PI/2 BPSK	25	14		22.66		24.4	0.0
10	PI/2 BPSK	25	27		22.68		23.9	0.5
10	PI/2 BPSK	50	0		22.73			
10	QPSK	1	1		23.07		24.4	0.0
10	QPSK	1	26		23.01			
10	QPSK	1	50		22.95			
10	QPSK	25	0		21.62		23.4	1.0
10	QPSK	25	14		22.97		24.4	0.0
10	QPSK	25	27		21.65		23.4	1.0
10	QPSK	50	0		21.74			
10	16QAM	1	1		22.08		23.4	1.0
10	64QAM	1	1		20.55		21.9	2.5
10	256QAM	1	1		18.49		19.9	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.05	22.93	22.92	24.4	0.0

n30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.03		22.4	0.0
10	PI/2 BPSK	1	26		21.07			
10	PI/2 BPSK	1	50		21.02			
10	PI/2 BPSK	25	0		21.07		22.4	0.0
10	PI/2 BPSK	25	14		21.03		22.4	0.0
10	PI/2 BPSK	25	27		21.01		22.4	0.0
10	PI/2 BPSK	50	0		21.07			
10	QPSK	1	1		21.33		22.4	0.0
10	QPSK	1	26		21.28			
10	QPSK	1	50		21.29			
10	QPSK	25	0		19.94		21.4	1.0
10	QPSK	25	14		21.27		22.4	0.0
10	QPSK	25	27		20.03		21.4	1.0
10	QPSK	50	0		20.01			
10	16QAM	1	1		20.42		21.4	1.0
10	64QAM	1	1		18.91		19.9	2.5
10	256QAM	1	1		16.83		17.9	4.5
Channel				461500	462500	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.18	21.23	21.21	22.4	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.61	22.64	22.49	25.2	0.0
40	PI/2 BPSK	1	108	22.51	22.60	22.54		
40	PI/2 BPSK	1	214	22.41	22.50	22.47		
40	PI/2 BPSK	108	0	21.36	21.50	21.37	24.7	0.5
40	PI/2 BPSK	108	54	22.51	22.60	22.59	25.2	0.0
40	PI/2 BPSK	108	108	21.37	21.46	21.45	24.7	0.5
40	PI/2 BPSK	216	0	21.46	21.50	21.47		
40	QPSK	1	1	24.01	24.07	24.06	25.2	0.0
40	QPSK	1	108	23.95	24.02	23.91		
40	QPSK	1	214	23.81	23.96	23.83		
40	QPSK	108	0	22.98	22.99	22.85	24.2	1.0
40	QPSK	108	54	23.87	23.95	23.88	25.2	0.0
40	QPSK	108	108	22.88	22.99	22.84	24.2	1.0
40	QPSK	216	0	22.92	23.04	23.03		
40	16QAM	1	1	23.02	23.06	22.93	24.2	1.0
40	64QAM	1	1	21.46	21.56	21.45	22.7	2.5
40	256QAM	1	1	19.29	19.42	19.37	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.00	23.96	24.05	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.92	24.06	23.97	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.94	23.92	24.04	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.91	23.96	24.04	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.94	23.93	24.01	25.2	0.0

n66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.90	21.01	20.87	23.7	0.0
40	PI/2 BPSK	1	108	20.89	20.98	20.83		
40	PI/2 BPSK	1	214	20.82	20.86	20.73		
40	PI/2 BPSK	108	0	19.91	19.92	19.77	23.2	0.5
40	PI/2 BPSK	108	54	20.93	20.94	20.90	23.7	0.0
40	PI/2 BPSK	108	108	19.85	19.87	19.74	23.2	0.5
40	PI/2 BPSK	216	0	19.74	19.87	19.73		
40	QPSK	1	1	22.47	22.53	22.43	23.7	0.0
40	QPSK	1	108	22.34	22.36	22.35		
40	QPSK	1	214	22.23	22.27	22.19		
40	QPSK	108	0	21.33	21.43	21.34	22.7	1.0
40	QPSK	108	54	22.41	22.49	22.36	23.7	0.0
40	QPSK	108	108	21.32	21.33	21.22	22.7	1.0
40	QPSK	216	0	21.40	21.42	21.31		
40	16QAM	1	1	21.36	21.48	21.38	22.7	1.0
40	64QAM	1	1	19.84	19.94	19.87	21.2	2.5
40	256QAM	1	1	17.71	17.77	17.69	19.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.35	22.46	22.32	23.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.35	22.45	22.36	23.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.34	22.44	22.36	23.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.34	22.49	22.40	23.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.34	22.43	22.32	23.7	0.0

n66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.52	22.65	22.52	25.2	0.0
40	PI/2 BPSK	1	108	22.39	22.48	22.43		
40	PI/2 BPSK	1	214	22.41	22.48	22.37		
40	PI/2 BPSK	108	0	21.39	21.45	21.31	24.7	0.5
40	PI/2 BPSK	108	54	22.53	22.56	22.51	25.2	0.0
40	PI/2 BPSK	108	108	21.42	21.50	21.48	24.7	0.5
40	PI/2 BPSK	216	0	21.33	21.45	21.30		
40	QPSK	1	1	24.17	24.30	24.25	25.2	0.0
40	QPSK	1	108	23.98	24.00	23.97		
40	QPSK	1	214	24.07	24.15	24.13		
40	QPSK	108	0	22.85	23.00	22.95	24.2	1.0
40	QPSK	108	54	23.87	24.00	23.93	25.2	0.0
40	QPSK	108	108	22.89	22.99	22.86	24.2	1.0
40	QPSK	216	0	23.00	23.05	23.01		
40	16QAM	1	1	22.94	23.00	22.90	24.2	1.0
40	64QAM	1	1	21.50	21.54	21.53	22.7	2.5
40	256QAM	1	1	19.31	19.37	19.25	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.05	24.27	24.10	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.15	24.21	24.15	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.09	24.17	24.11	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.12	24.29	24.23	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.09	24.27	24.23	25.2	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.22	21.31	21.27	24.2	0.0
40	PI/2 BPSK	1	108	21.18	21.32	21.18		
40	PI/2 BPSK	1	214	21.40	21.47	21.41		
40	PI/2 BPSK	108	0	20.26	20.27	20.17	23.7	0.5
40	PI/2 BPSK	108	54	21.22	21.36	21.35	24.2	0.0
40	PI/2 BPSK	108	108	20.27	20.36	20.30	23.7	0.5
40	PI/2 BPSK	216	0	20.31	20.33	20.30		
40	QPSK	1	1	22.71	22.84	22.82	24.2	0.0
40	QPSK	1	108	22.67	22.81	22.73		
40	QPSK	1	214	22.64	22.78	22.63		
40	QPSK	108	0	21.65	21.67	21.59	23.2	1.0
40	QPSK	108	54	22.69	22.81	22.76	24.2	0.0
40	QPSK	108	108	21.78	21.92	21.78	23.2	1.0
40	QPSK	216	0	21.78	21.86	21.81		
40	16QAM	1	1	21.52	21.64	21.61	23.2	1.0
40	64QAM	1	1	20.07	20.15	20.07	21.7	2.5
40	256QAM	1	1	17.88	18.03	18.02	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.69	22.81	22.75	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.77	22.80	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.63	22.70	22.70	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.58	22.74	22.78	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.69	22.72	22.68	24.2	0.0

n71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.17	22.21	22.20	24.7	0.0
20	PI/2 BPSK	1	53	22.33	22.39	22.29		
20	PI/2 BPSK	1	104	22.25	22.34	22.24		
20	PI/2 BPSK	50	0	22.22	22.32	22.22	24.7	0.0
20	PI/2 BPSK	50	28	22.13	22.24	22.10	24.7	0.0
20	PI/2 BPSK	50	56	22.21	22.27	22.20		
20	PI/2 BPSK	100	0	22.28	22.33	22.18	24.7	0.0
20	QPSK	1	1	23.85	23.88	23.76		
20	QPSK	1	53	23.82	23.84	23.71	24.7	0.0
20	QPSK	1	104	23.80	23.81	23.73		
20	QPSK	50	0	22.77	22.91	22.88	23.7	1.0
20	QPSK	50	28	23.72	23.86	23.79	24.7	0.0
20	QPSK	50	56	22.74	22.81	22.68		
20	QPSK	100	0	22.78	22.89	22.77	23.7	1.0
20	16QAM	1	1	22.68	22.73	22.70	23.7	1.0
20	64QAM	1	1	21.11	21.23	21.16	22.2	2.5
20	256QAM	1	1	19.14	19.24	19.23	20.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.84	23.77	23.74	24.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.76	23.75	24.7	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.40	21.52	21.44	23.8	0.0
20	PI/2 BPSK	1	53	21.49	21.61	21.46		
20	PI/2 BPSK	1	104	21.41	21.56	21.48		
20	PI/2 BPSK	50	0	21.37	21.49	21.35	23.8	0.0
20	PI/2 BPSK	50	28	21.53	21.59	21.51	23.8	0.0
20	PI/2 BPSK	50	56	21.46	21.60	21.51	23.8	0.0
20	PI/2 BPSK	100	0	21.49	21.51	21.41		
20	QPSK	1	1	23.06	23.09	22.98		
20	QPSK	1	53	22.92	23.01	22.87	23.8	0.0
20	QPSK	1	104	22.93	23.06	22.92		
20	QPSK	50	0	22.07	22.08	22.01	22.8	1.0
20	QPSK	50	28	23.06	23.07	22.97	23.8	0.0
20	QPSK	50	56	22.10	22.11	21.96	22.8	1.0
20	QPSK	100	0	22.03	22.12	21.99		
20	16QAM	1	1	21.91	21.92	21.91	22.8	1.0
20	64QAM	1	1	20.43	20.54	20.51	21.3	2.5
20	256QAM	1	1	18.44	18.57	18.52	19.3	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.99	23.04	22.95	23.8	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	23.03	22.94	23.8	0.0

n38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.25	23.34	23.26	25.2	0.0
40	PI/2 BPSK	1	53	23.29	23.32	23.22		
40	PI/2 BPSK	1	104	23.26	23.20	23.22		
40	PI/2 BPSK	50	0	22.25	22.30	22.24	24.2	1.0
40	PI/2 BPSK	50	28	23.30	23.40	23.38	25.2	0.0
40	PI/2 BPSK	50	56	22.25	22.25	22.22	24.2	1.0
40	PI/2 BPSK	100	0	22.22	22.32	22.23		
40	QPSK	1	1	23.77	23.80	23.68	25.2	0.0
40	QPSK	1	53	23.69	23.75	23.65		
40	QPSK	1	104	23.50	23.60	23.59		
40	QPSK	50	0	22.62	22.75	22.60	24.2	1.0
40	QPSK	50	28	23.70	23.78	23.69	25.2	0.0
40	QPSK	50	56	22.70	22.80	22.69	24.2	1.0
40	QPSK	100	0	22.79	22.81	22.67		
40	16QAM	1	1	22.59	22.68	22.61	24.2	1.0
40	64QAM	1	1	21.15	21.22	21.14	22.7	2.5
40	256QAM	1	1	19.06	19.17	19.02	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.63	23.68	23.54	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.65	23.75	23.57	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.76	23.67	23.67	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.64	23.69	23.65	25.2	0.0

n38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.06	22.11	22.00	23.2	0.0
40	PI/2 BPSK	1	53	21.96	22.09	22.04		
40	PI/2 BPSK	1	104	21.94	22.04	21.95		
40	PI/2 BPSK	50	0	20.96	21.03	20.97	22.2	1.0
40	PI/2 BPSK	50	28	22.06	22.13	22.06	23.2	0.0
40	PI/2 BPSK	50	56	20.92	21.02	20.94	22.2	1.0
40	PI/2 BPSK	100	0	21.02	21.07	21.04		
40	QPSK	1	1	22.56	22.58	22.47	23.2	0.0
40	QPSK	1	53	22.50	22.51	22.45		
40	QPSK	1	104	22.33	22.39	22.35		
40	QPSK	50	0	21.45	21.52	21.38	22.2	1.0
40	QPSK	50	28	22.49	22.53	22.42	23.2	0.0
40	QPSK	50	56	21.44	21.48	21.40	22.2	1.0
40	QPSK	100	0	21.43	21.53	21.38		
40	16QAM	1	1	21.49	21.51	21.42	22.2	1.0
40	64QAM	1	1	19.94	20.01	19.87	20.7	2.5
40	256QAM	1	1	17.94	17.97	17.87	18.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.49	22.49	22.34	23.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.41	22.51	22.38	23.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.50	22.56	22.37	23.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.42	22.49	22.37	23.2	0.0

n38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.66	23.76	23.70	25.2	0.0
40	PI/2 BPSK	1	53	23.63	23.72	23.63		
40	PI/2 BPSK	1	104	23.69	23.75	23.65		
40	PI/2 BPSK	50	0	22.51	22.60	22.57	24.2	1.0
40	PI/2 BPSK	50	28	23.71	23.73	23.65	25.2	0.0
40	PI/2 BPSK	50	56	22.60	22.65	22.62	24.2	1.0
40	PI/2 BPSK	100	0	22.67	22.68	22.64		
40	QPSK	1	1	24.18	24.26	24.17	25.2	0.0
40	QPSK	1	53	24.08	24.16	24.09		
40	QPSK	1	104	24.18	24.25	24.15		
40	QPSK	50	0	22.99	23.14	23.10	24.2	1.0
40	QPSK	50	28	24.08	24.22	24.09	25.2	0.0
40	QPSK	50	56	22.97	23.11	22.96	24.2	1.0
40	QPSK	100	0	23.18	23.21	23.10		
40	16QAM	1	1	23.16	23.22	23.16	24.2	1.0
40	64QAM	1	1	21.56	21.66	21.53	22.7	2.5
40	256QAM	1	1	19.51	19.58	19.57	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.16	24.21	24.06	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.08	24.16	24.08	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.15	24.23	24.08	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.09	24.25	24.12	25.2	0.0

n38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.79	22.89	22.86	24.2	0.0
40	PI/2 BPSK	1	53	22.78	22.84	22.82		
40	PI/2 BPSK	1	104	22.74	22.86	22.84		
40	PI/2 BPSK	50	0	21.80	21.92	21.80	23.2	1.0
40	PI/2 BPSK	50	28	22.77	22.89	22.83	24.2	0.0
40	PI/2 BPSK	50	56	21.71	21.80	21.68	23.2	1.0
40	PI/2 BPSK	100	0	21.83	21.92	21.77		
40	QPSK	1	1	23.40	23.47	23.38	24.2	0.0
40	QPSK	1	53	23.24	23.39	23.28		
40	QPSK	1	104	23.34	23.36	23.31		
40	QPSK	50	0	22.38	22.42	22.36	23.2	1.0
40	QPSK	50	28	23.38	23.42	23.34	24.2	0.0
40	QPSK	50	56	22.18	22.31	22.26	23.2	1.0
40	QPSK	100	0	22.36	22.48	22.38		
40	16QAM	1	1	22.20	22.30	22.22	23.2	1.0
40	64QAM	1	1	20.68	20.77	20.62	21.7	2.5
40	256QAM	1	1	18.72	18.81	18.71	19.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.27	23.32	23.37	24.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.31	23.39	23.30	24.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.32	23.46	23.34	24.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.30	23.39	23.24	24.2	0.0

FCC_n41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.85	23.99	23.96	25.2	0.0
100	PI/2 BPSK	1	137	23.99	23.92	23.97		
100	PI/2 BPSK	1	271	23.89	23.95	23.98		
100	PI/2 BPSK	135	0	23.98	23.93	23.96	25.2	0.0
100	PI/2 BPSK	135	69	23.94	23.93	23.87	25.2	0.0
100	PI/2 BPSK	135	138	23.99	23.99	23.93	25.2	0.0
100	PI/2 BPSK	270	0	23.92	23.93	23.91		
100	QPSK	1	1	24.01	24.04	23.97	25.2	0.0
100	QPSK	1	137	23.85	24.00	23.88		
100	QPSK	1	271	23.96	23.91	23.86		
100	QPSK	135	0	23.90	23.88	23.83	25.2	0.0
100	QPSK	135	69	23.99	24.00	23.91	25.2	0.0
100	QPSK	135	138	23.86	23.91	23.86	25.2	0.0
100	QPSK	270	0	23.91	23.96	23.93		
100	16QAM	1	1	24.00	23.94	23.94	25.2	0.0
100	64QAM	1	1	23.17	23.27	23.09	23.7	1.5
100	256QAM	1	1	21.07	21.26	21.14	21.7	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.87	23.90	23.84	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.96	23.94	23.90	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.99	23.95	23.92	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.00	24.01	23.87	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.98	23.95	23.85	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.93	23.91	23.85	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.89	23.89	23.89	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.92	24.03	23.89	25.2	0.0

FCC_n41_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.37	25.45	25.33	27.2	0.0
100	PI/2 BPSK	1	137	25.35	25.44	25.31		
100	PI/2 BPSK	1	271	25.66	25.68	25.54		
100	PI/2 BPSK	135	0	25.28	25.37	25.30	27.2	0.0
100	PI/2 BPSK	135	69	25.40	25.45	25.42	27.2	0.0
100	PI/2 BPSK	135	138	25.41	25.54	25.39	27.2	0.0
100	PI/2 BPSK	270	0	25.36	25.44	25.36		
100	QPSK	1	1	25.90	25.93	25.91	27.2	0.0
100	QPSK	1	137	25.78	25.84	25.83		
100	QPSK	1	271	25.84	25.90	25.81		
100	QPSK	135	0	24.33	24.37	24.25	26.2	1.0
100	QPSK	135	69	25.88	25.91	25.85	27.2	0.0
100	QPSK	135	138	24.53	24.54	24.47	26.2	1.0
100	QPSK	270	0	24.37	24.42	24.30		
100	16QAM	1	1	24.80	24.92	24.91	26.2	1.0
100	64QAM	1	1	23.32	23.35	23.24	24.7	2.5
100	256QAM	1	1	21.18	21.32	21.28	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.85	25.78	25.82	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.84	25.87	25.80	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.84	25.84	25.85	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.80	25.86	25.81	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.75	25.87	25.77	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.86	25.83	25.80	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.84	25.83	25.86	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.77	25.80	25.78	27.2	0.0

FCC_n41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.31	22.61	22.59	23.2	0.0
100	PI/2 BPSK	1	137	22.33	22.64	22.53		
100	PI/2 BPSK	1	271	22.48	22.55	22.49		
100	PI/2 BPSK	135	0	22.27	22.69	22.57	23.2	0.0
100	PI/2 BPSK	135	69	22.30	22.68	22.53	23.2	0.0
100	PI/2 BPSK	135	138	22.34	22.60	22.50	23.2	0.0
100	PI/2 BPSK	270	0	22.32	22.58	22.51		
100	QPSK	1	1	22.53	22.74	22.67	23.2	0.0
100	QPSK	1	137	22.38	22.50	22.63		
100	QPSK	1	271	22.38	22.53	22.53		
100	QPSK	135	0	22.25	22.63	22.44	23.2	0.0
100	QPSK	135	69	22.46	22.70	22.61	23.2	0.0
100	QPSK	135	138	22.31	22.63	22.54	23.2	0.0
100	QPSK	270	0	22.30	22.67	22.61		
100	16QAM	1	1	22.39	22.63	22.52	23.2	0.0
100	64QAM	1	1	21.39	21.73	21.66	22.7	0.5
100	256QAM	1	1	19.34	19.73	19.46	20.7	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.39	22.62	22.55	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.39	22.70	22.61	23.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.42	22.66	22.60	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.42	22.67	22.52	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.40	22.62	22.55	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.48	22.70	22.59	23.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.40	22.60	22.62	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.52	22.62	22.61	23.2	0.0

FCC_n41_Ant 6 HPUE

BW [MHz]	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	23.56	23.88	23.83	25.2	0.0
100	PI/2 BPSK	1	137	23.53	23.79	23.73		
100	PI/2 BPSK	1	271	23.81	24.11	23.98		
100	PI/2 BPSK	135	0	22.52	22.84	22.78	24.2	1.0
100	PI/2 BPSK	135	69	24.13	24.38	24.23	25.2	0.0
100	PI/2 BPSK	135	138	22.65	22.99	22.85	24.2	1.0
100	PI/2 BPSK	270	0	22.62	22.91	22.80		
100	QPSK	1	1	24.31	24.58	24.53	25.2	0.0
100	QPSK	1	137	24.11	24.46	24.35		
100	QPSK	1	271	24.27	24.56	24.45		
100	QPSK	135	0	22.73	22.97	22.88	24.2	1.0
100	QPSK	135	69	24.02	24.33	24.28	25.2	0.0
100	QPSK	135	138	22.80	23.01	22.99	24.2	1.0
100	QPSK	270	0	22.59	22.91	22.80		
100	16QAM	1	1	23.04	23.35	23.24	24.2	1.0
100	64QAM	1	1	21.55	21.84	21.78	22.7	2.5
100	256QAM	1	1	19.50	19.82	19.71	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.22	24.51	24.38	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.26	24.44	24.51	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.30	24.47	24.51	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.24	24.46	24.44	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.18	24.45	24.45	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.27	24.55	24.40	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.18	24.52	24.51	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.20	24.52	24.45	25.2	0.0

FCC_n41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.15	24.22	24.28	25.2	0.0
100	PI/2 BPSK	1	137	24.12	24.24	24.18		
100	PI/2 BPSK	1	271	24.13	24.21	24.18		
100	PI/2 BPSK	135	0	23.98	24.00	24.07	25.2	0.0
100	PI/2 BPSK	135	69	24.10	24.28	24.30	25.2	0.0
100	PI/2 BPSK	135	138	24.02	24.13	24.10	25.2	0.0
100	PI/2 BPSK	270	0	24.04	24.02	24.10		
100	QPSK	1	1	24.26	24.33	24.30	25.2	0.0
100	QPSK	1	137	24.21	24.25	24.27		
100	QPSK	1	271	24.15	24.28	24.20		
100	QPSK	135	0	24.15	24.27	24.17	25.2	0.0
100	QPSK	135	69	24.25	24.30	24.29	25.2	0.0
100	QPSK	135	138	24.10	24.23	24.21	25.2	0.0
100	QPSK	270	0	24.23	24.23	24.20		
100	16QAM	1	1	24.22	24.22	24.24	25.2	0.0
100	64QAM	1	1	23.59	23.71	23.68	25.2	0.0
100	256QAM	1	1	21.54	21.66	21.51	23.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.21	24.25	24.25	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.15	24.26	24.26	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.11	24.24	24.19	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.15	24.21	24.17	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.19	24.18	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.13	24.26	24.16	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.21	24.25	24.18	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.21	24.29	24.16	25.2	0.0

FCC_n41_Ant 5 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.81	25.94	25.79	27.2	0.0
100	PI/2 BPSK	1	137	25.82	25.91	25.89		
100	PI/2 BPSK	1	271	26.02	26.08	25.94		
100	PI/2 BPSK	135	0	24.21	24.23	24.25	26.2	1.0
100	PI/2 BPSK	135	69	25.49	25.59	25.46	27.2	0.0
100	PI/2 BPSK	135	138	24.25	24.25	24.24	26.2	1.0
100	PI/2 BPSK	270	0	24.24	24.25	24.29		
100	QPSK	1	1	26.14	26.24	26.21	27.2	0.0
100	QPSK	1	137	25.99	26.12	25.98		
100	QPSK	1	271	26.09	26.22	26.16		
100	QPSK	135	0	24.48	24.57	24.51	26.2	1.0
100	QPSK	135	69	26.05	26.07	25.93	27.2	0.0
100	QPSK	135	138	24.64	24.67	24.54	26.2	1.0
100	QPSK	270	0	24.49	24.52	24.47		
100	16QAM	1	1	25.21	25.22	25.07	26.2	1.0
100	64QAM	1	1	23.70	23.72	23.69	24.7	2.5
100	256QAM	1	1	21.58	21.69	21.60	22.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.99	26.22	26.18	27.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.11	26.10	26.07	27.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.07	26.15	26.17	27.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.01	26.11	26.18	27.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.00	26.23	26.12	27.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.04	26.21	26.17	27.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.02	26.17	26.06	27.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.08	26.13	26.17	27.2	0.0

FCC_n41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.38	23.51	23.36	24.2	0.0
100	PI/2 BPSK	1	137	23.49	23.52	23.37		
100	PI/2 BPSK	1	271	23.41	23.61	23.48		
100	PI/2 BPSK	135	0	23.23	23.43	23.39	24.2	0.0
100	PI/2 BPSK	135	69	23.46	23.49	23.42	24.2	0.0
100	PI/2 BPSK	135	138	23.35	23.34	23.27	24.2	0.0
100	PI/2 BPSK	270	0	23.25	23.31	23.36		
100	QPSK	1	1	23.53	23.69	23.51	24.2	0.0
100	QPSK	1	137	23.39	23.61	23.44		
100	QPSK	1	271	23.45	23.50	23.41		
100	QPSK	135	0	23.42	23.57	23.46	24.2	0.0
100	QPSK	135	69	23.52	23.66	23.49	24.2	0.0
100	QPSK	135	138	23.39	23.56	23.47	24.2	0.0
100	QPSK	270	0	23.44	23.55	23.43		
100	16QAM	1	1	23.43	23.54	23.38	24.2	0.0
100	64QAM	1	1	22.75	22.84	22.84	23.7	0.5
100	256QAM	1	1	20.63	20.81	20.74	21.7	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.51	23.57	23.39	24.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.50	23.54	23.45	24.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.41	23.58	23.37	24.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.52	23.54	23.46	24.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.46	23.63	23.47	24.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.49	23.61	23.49	24.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.44	23.66	23.43	24.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.43	23.60	23.48	24.2	0.0

FCC_n41_Ant 0 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.81	24.91	24.86	26.2	0.0
100	PI/2 BPSK	1	137	24.70	24.81	24.66		
100	PI/2 BPSK	1	271	25.00	25.05	24.93		
100	PI/2 BPSK	135	0	23.39	23.51	23.47	25.2	1.0
100	PI/2 BPSK	135	69	24.61	24.76	24.63	26.2	0.0
100	PI/2 BPSK	135	138	23.47	23.48	23.39	25.2	1.0
100	PI/2 BPSK	270	0	23.31	23.45	23.44		
100	QPSK	1	1	25.38	25.48	25.35	26.2	0.0
100	QPSK	1	137	25.14	25.24	25.14		
100	QPSK	1	271	25.24	25.39	25.34		
100	QPSK	135	0	23.69	23.75	23.66	25.2	1.0
100	QPSK	135	69	25.32	25.33	25.19	26.2	0.0
100	QPSK	135	138	23.84	23.89	23.81	25.2	1.0
100	QPSK	270	0	23.84	23.92	23.90		
100	16QAM	1	1	24.31	24.46	24.36	25.2	1.0
100	64QAM	1	1	22.88	23.01	22.94	23.7	2.5
100	256QAM	1	1	20.78	20.89	20.86	21.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.29	25.39	25.25	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.23	25.34	25.20	26.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.35	25.40	25.32	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.31	25.35	25.25	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.36	25.37	25.25	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.37	25.34	25.25	26.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.26	25.37	25.32	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.29	25.36	25.28	26.2	0.0

n48_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.14	24.16	24.08	25.2	0.0
40	PI/2 BPSK	1	53	24.07	24.11	24.00		
40	PI/2 BPSK	1	104	24.00	24.08	24.05		
40	PI/2 BPSK	50	0	21.03	21.13	20.99	21.7	3.5
40	PI/2 BPSK	50	28	24.11	24.18	24.13	25.2	0.0
40	PI/2 BPSK	50	56	21.05	21.09	21.03	21.7	3.5
40	PI/2 BPSK	100	0	21.00	21.11	20.99		
40	QPSK	1	1	24.08	24.19	24.12	25.2	0.0
40	QPSK	1	53	23.87	24.00	23.93		
40	QPSK	1	104	23.92	24.03	23.96		
40	QPSK	50	0	20.57	20.62	20.61	21.7	3.5
40	QPSK	50	28	24.04	24.07	24.03	25.2	0.0
40	QPSK	50	56	20.48	20.60	20.52	21.7	3.5
40	QPSK	100	0	20.47	20.58	20.43		
40	16QAM	1	1	23.04	23.05	22.93	24.2	1.0
40	64QAM	1	1	21.43	21.55	21.49	22.7	2.5
40	256QAM	1	1	19.62	19.63	19.53	20.7	4.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	23.94	24.04	23.98	25.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	24.00	24.08	24.11	25.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	24.04	24.13	24.00	25.2	0.0

n48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.78	22.90	22.77	23.8	0.0
40	PI/2 BPSK	1	53	22.78	22.80	22.78		
40	PI/2 BPSK	1	104	22.65	22.80	22.72		
40	PI/2 BPSK	50	0	19.79	19.93	19.91	20.3	3.5
40	PI/2 BPSK	50	28	22.86	22.94	22.86	23.8	0.0
40	PI/2 BPSK	50	56	19.88	19.89	19.83	20.3	3.5
40	PI/2 BPSK	100	0	19.79	19.85	19.79		
40	QPSK	1	1	22.90	22.95	22.81	23.8	0.0
40	QPSK	1	53	22.67	22.78	22.72		
40	QPSK	1	104	22.80	22.81	22.78		
40	QPSK	50	0	19.37	19.40	19.32	20.3	3.5
40	QPSK	50	28	22.85	22.92	22.79	23.8	0.0
40	QPSK	50	56	19.22	19.37	19.27	20.3	3.5
40	QPSK	100	0	19.32	19.34	19.19		
40	16QAM	1	1	21.80	21.82	21.77	22.8	1.0
40	64QAM	1	1	20.26	20.38	20.24	21.3	2.5
40	256QAM	1	1	18.33	18.44	18.31	19.3	4.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	22.78	22.84	22.73	23.8	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	22.87	22.81	22.79	23.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	22.88	22.94	22.66	23.8	0.0

n48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.39	20.41	20.27	21.2	0.0
40	PI/2 BPSK	1	53	20.15	20.30	20.29		
40	PI/2 BPSK	1	104	20.28	20.31	20.18		
40	PI/2 BPSK	50	0	17.30	17.40	17.29	17.7	3.5
40	PI/2 BPSK	50	28	20.41	20.47	20.33	21.2	0.0
40	PI/2 BPSK	50	56	17.31	17.32	17.23	17.7	3.5
40	PI/2 BPSK	100	0	17.29	17.38	17.35		
40	QPSK	1	1	20.52	20.58	20.54	21.2	0.0
40	QPSK	1	53	20.16	20.27	20.21		
40	QPSK	1	104	20.24	20.32	20.19		
40	QPSK	50	0	16.71	16.84	16.80	17.7	3.5
40	QPSK	50	28	20.23	20.29	20.20	21.2	0.0
40	QPSK	50	56	16.67	16.74	16.65	17.7	3.5
40	QPSK	100	0	16.68	16.80	16.66		
40	16QAM	1	1	19.22	19.35	19.24	20.2	1.0
40	64QAM	1	1	17.82	17.90	17.76	18.7	2.5
40	256QAM	1	1	15.76	15.90	15.82	16.7	4.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	20.43	20.56	20.47	21.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	20.48	20.52	20.42	21.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	20.41	20.56	20.52	21.2	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.67	19.78	19.72	21.2	0.0
40	PI/2 BPSK	1	53	19.71	19.74	19.61		
40	PI/2 BPSK	1	104	19.66	19.77	19.65		
40	PI/2 BPSK	50	0	16.75	16.85	16.82	17.7	3.5
40	PI/2 BPSK	50	28	19.66	19.68	19.59	21.2	0.0
40	PI/2 BPSK	50	56	16.72	16.87	16.83	17.7	3.5
40	PI/2 BPSK	100	0	16.84	16.79	16.66		
40	QPSK	1	1	19.74	19.79	19.71	21.2	0.0
40	QPSK	1	53	19.51	19.62	19.58		
40	QPSK	1	104	19.67	19.75	19.66		
40	QPSK	50	0	16.20	16.29	16.27	17.7	3.5
40	QPSK	50	28	19.69	19.75	19.69	21.2	0.0
40	QPSK	50	56	16.16	16.26	16.17	17.7	3.5
40	QPSK	100	0	16.20	16.28	16.13		
40	16QAM	1	1	18.59	18.74	18.60	20.2	1.0
40	64QAM	1	1	17.26	17.29	17.22	18.7	2.5
40	256QAM	1	1	15.13	15.25	15.12	16.7	4.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	19.73	19.66	19.59	21.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	19.59	19.68	19.66	21.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	19.67	19.67	19.69	21.2	0.0

Part27Q_n77_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.53		25.2	0.0
100	PI/2 BPSK	1	137		24.53			
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		24.33		25.2	0.0
100	PI/2 BPSK	135	69		24.54		25.2	0.0
100	PI/2 BPSK	135	138		24.26		25.2	0.0
100	PI/2 BPSK	270	0		24.24			
100	QPSK	1	1		24.56		25.2	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		24.52			
100	QPSK	135	0		23.76		25.2	0.0
100	QPSK	135	69		24.55		25.2	0.0
100	QPSK	135	138		23.71		25.2	0.0
100	QPSK	270	0		23.76			
100	16QAM	1	1		24.42		25.2	0.0
100	64QAM	1	1		23.05		23.7	1.5
100	256QAM	1	1		20.99		21.7	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.44	24.46	24.47	25.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.51	24.44	24.46	25.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.46	24.44	24.43	25.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.52	24.43	24.53	25.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.50	24.54	24.51	25.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.48	24.44	24.48	25.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.45	24.51	24.52	25.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.54	24.48	24.44	25.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.50	24.51	24.47	25.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.53	24.50	24.52	25.2	0.0

Part27O_n77_Ant 9

BW [MHz]	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	23.94	23.98	23.89	25.2	0.0
100	PI/2 BPSK	1	137	23.92	23.91	23.97		
100	PI/2 BPSK	1	271	23.86	23.84	23.94		
100	PI/2 BPSK	135	0	23.80	23.78	23.76	25.2	0.0
100	PI/2 BPSK	135	69	24.00	23.92	24.00	25.2	0.0
100	PI/2 BPSK	135	138	23.65	23.66	23.62	25.2	0.0
100	PI/2 BPSK	270	0	23.63	23.68	23.59		
100	QPSK	1	1	24.41	24.49	24.43	25.2	0.0
100	QPSK	1	137	23.93	23.95	23.86		
100	QPSK	1	271	23.99	23.99	23.91		
100	QPSK	135	0	23.68	23.61	23.67	25.2	0.0
100	QPSK	135	69	24.42	24.47	24.41	25.2	0.0
100	QPSK	135	138	23.65	23.66	23.65	25.2	0.0
100	QPSK	270	0	23.61	23.71	23.70		
100	16QAM	1	1	24.41	24.27	24.30	25.2	0.0
100	64QAM	1	1	23.04	22.96	22.91	23.7	1.5
100	256QAM	1	1	20.86	20.98	20.96	21.7	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.39	24.48	24.34	25.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.40	24.45	24.35	25.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.35	24.36	24.30	25.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.37	24.37	24.31	25.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.28	24.40	24.32	25.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.35	24.38	24.32	25.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	24.30	24.47	24.41	25.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.39	24.44	24.28	25.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.37	24.45	24.32	25.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.28	24.45	24.42	25.2	0.0

Part27Q_n77_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.15			
100	PI/2 BPSK	1	137		24.90		26.2	0.0
100	PI/2 BPSK	1	271		24.92			
100	PI/2 BPSK	135	0		24.44		25.7	0.5
100	PI/2 BPSK	135	69		24.88		26.2	0.0
100	PI/2 BPSK	135	138		24.41		25.7	0.5
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		25.36			
100	QPSK	1	137		25.34		26.2	0.0
100	QPSK	1	271		25.27			
100	QPSK	135	0		23.89		25.2	1.0
100	QPSK	135	69		25.20		26.2	0.0
100	QPSK	135	138		23.74		25.2	1.0
100	QPSK	270	0		23.78			
100	16QAM	1	1		24.54		25.2	1.0
100	64QAM	1	1		23.09		23.7	2.5
100	256QAM	1	1		21.01		21.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.32	25.28	25.25	26.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.28	25.31	25.25	26.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.35	25.21	25.21	26.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.33	25.35	25.21	26.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.22	25.21	25.33	26.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.35	25.22	25.25	26.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.35	25.33	25.27	26.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.22	25.33	25.32	26.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.25	25.21	25.31	26.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.30	25.35	25.31	26.2	0.0

Part27O_n77_Ant 9 HPUE

BW [MHz]	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	25.11	25.07	25.13		
100	PI/2 BPSK	1	137	24.81	24.85	24.76	26.2	0.0
100	PI/2 BPSK	1	271	24.86	24.78	24.91		
100	PI/2 BPSK	135	0	24.32	24.38	24.37	25.7	0.5
100	PI/2 BPSK	135	69	24.81	24.74	24.79	26.2	0.0
100	PI/2 BPSK	135	138	24.30	24.32	24.32	25.7	0.5
100	PI/2 BPSK	270	0	24.23	24.34	24.24		
100	QPSK	1	1	25.25	25.33	25.28		
100	QPSK	1	137	25.21	25.20	25.25	26.2	0.0
100	QPSK	1	271	25.22	25.16	25.21		
100	QPSK	135	0	23.82	23.77	23.76	25.2	1.0
100	QPSK	135	69	25.05	25.17	25.14	26.2	0.0
100	QPSK	135	138	23.73	23.67	23.69	25.2	1.0
100	QPSK	270	0	23.74	23.77	23.71		
100	16QAM	1	1	24.43	24.46	24.52	25.2	1.0
100	64QAM	1	1	23.02	23.00	22.98	23.7	2.5
100	256QAM	1	1	20.97	20.91	20.91	21.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.15	25.24	25.13	26.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.12	25.30	25.19	26.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.16	25.32	25.23	26.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.23	25.19	25.23	26.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.15	25.27	25.23	26.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.16	25.22	25.25	26.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.23	25.18	25.17	26.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.15	25.28	25.14	26.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.19	25.22	25.14	26.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.19	25.29	25.22	26.2	0.0

Part27Q_n77_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.17			
100	PI/2 BPSK	1	137		23.12		23.8	0.0
100	PI/2 BPSK	1	271		23.24			
100	PI/2 BPSK	135	0		22.82		23.8	0.0
100	PI/2 BPSK	135	69		23.16		23.8	0.0
100	PI/2 BPSK	135	138		22.82		23.8	0.0
100	PI/2 BPSK	270	0		22.83			
100	QPSK	1	1		23.25			
100	QPSK	1	137		23.20		23.8	0.0
100	QPSK	1	271		23.17			
100	QPSK	135	0		22.35		23.8	0.0
100	QPSK	135	69		23.14		23.8	0.0
100	QPSK	135	138		22.19		23.8	0.0
100	QPSK	270	0		22.24			
100	16QAM	1	1		22.99		23.8	0.0
100	64QAM	1	1		21.56		22.3	1.5
100	256QAM	1	1		19.57		20.3	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.21	23.19	23.14	23.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.24	23.24	23.21	23.8	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.12	23.12	23.20	23.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.17	23.13	23.12	23.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.24	23.10	23.11	23.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.18	23.24	23.17	23.8	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.23	23.22	23.15	23.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.19	23.13	23.15	23.8	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.22	23.14	23.12	23.8	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.16	23.12	23.24	23.8	0.0

Part27O_n77_Ant 8

BW [MHz]	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	23.06	23.11	23.02		
100	PI/2 BPSK	1	137	23.08	23.18	23.03	23.8	0.0
100	PI/2 BPSK	1	271	23.06	23.21	23.14		
100	PI/2 BPSK	135	0	22.67	22.77	22.74	23.8	0.0
100	PI/2 BPSK	135	69	22.96	23.11	23.10	23.8	0.0
100	PI/2 BPSK	135	138	22.67	22.69	22.62		
100	PI/2 BPSK	270	0	22.73	22.75	22.73	23.8	0.0
100	QPSK	1	1	23.14	23.27	23.12		
100	QPSK	1	137	23.02	23.13	23.04	23.8	0.0
100	QPSK	1	271	22.94	23.09	23.02		
100	QPSK	135	0	22.23	22.25	22.22	23.8	0.0
100	QPSK	135	69	23.08	23.14	23.01	23.8	0.0
100	QPSK	135	138	21.94	22.08	22.01		
100	QPSK	270	0	22.20	22.22	22.11	23.8	0.0
100	16QAM	1	1	22.85	22.98	22.90	23.8	0.0
100	64QAM	1	1	21.25	21.40	21.28	22.3	1.5
100	256QAM	1	1	19.47	19.54	19.47	20.3	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.18	23.17	23.22	23.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.17	23.14	23.18	23.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.16	23.22	23.22	23.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.24	23.19	23.22	23.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.19	23.21	23.19	23.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.12	23.17	23.18	23.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.24	23.15	23.13	23.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.16	23.17	23.13	23.8	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.18	23.15	23.23	23.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.25	23.23	23.23	23.8	0.0

Part27Q_n77_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.70			
100	PI/2 BPSK	1	137		23.43		24.8	0.0
100	PI/2 BPSK	1	271		23.45			
100	PI/2 BPSK	135	0		22.96		24.3	0.5
100	PI/2 BPSK	135	69		23.37		24.8	0.0
100	PI/2 BPSK	135	138		22.88		24.3	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		24.06			
100	QPSK	1	137		23.83		24.8	0.0
100	QPSK	1	271		23.91			
100	QPSK	135	0		22.39		23.8	1.0
100	QPSK	135	69		23.77		24.8	0.0
100	QPSK	135	138		22.20		23.8	1.0
100	QPSK	270	0		22.34			
100	16QAM	1	1		23.00		23.8	1.0
100	64QAM	1	1		21.61		22.3	2.5
100	256QAM	1	1		19.61		20.3	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.97	23.95	24.00	24.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.97	23.93	24.05	24.8	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.93	23.91	24.05	24.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.96	24.05	23.92	24.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.98	24.00	23.94	24.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.95	24.01	24.01	24.8	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.93	24.02	23.94	24.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.03	23.98	23.93	24.8	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.02	24.03	24.02	24.8	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.98	23.95	23.97	24.8	0.0

Part27O_n77_Ant 8 HPUE

BW [MHz]	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	23.48	23.57	23.53		
100	PI/2 BPSK	1	137	23.32	23.40	23.29	24.8	0.0
100	PI/2 BPSK	1	271	23.25	23.36	23.29		
100	PI/2 BPSK	135	0	22.87	22.91	22.77	24.3	0.5
100	PI/2 BPSK	135	69	23.21	23.27	23.24	24.8	0.0
100	PI/2 BPSK	135	138	22.73	22.74	22.63	24.3	0.5
100	PI/2 BPSK	270	0	22.69	22.78	22.68		
100	QPSK	1	1	23.89	24.02	23.91		
100	QPSK	1	137	23.73	23.80	23.78	24.8	0.0
100	QPSK	1	271	23.74	23.88	23.82		
100	QPSK	135	0	22.28	22.38	22.31	23.8	1.0
100	QPSK	135	69	23.62	23.76	23.68	24.8	0.0
100	QPSK	135	138	22.10	22.17	22.07	23.8	1.0
100	QPSK	270	0	22.14	22.26	22.18		
100	16QAM	1	1	22.87	22.99	22.84	23.8	1.0
100	64QAM	1	1	21.48	21.51	21.47	22.3	2.5
100	256QAM	1	1	19.55	19.59	19.53	20.3	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.87	23.92	23.93	24.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.90	23.94	24.00	24.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.95	23.89	23.96	24.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.90	23.89	23.87	24.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.95	23.96	23.96	24.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.92	23.99	24.00	24.8	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.93	24.01	23.92	24.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.90	23.94	23.89	24.8	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.98	23.94	23.91	24.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.92	23.94	23.88	24.8	0.0

Part27Q_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.68			
100	PI/2 BPSK	1	137		20.63		21.0	0.0
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.32		21.0	0.0
100	PI/2 BPSK	135	69		20.68		21.0	0.0
100	PI/2 BPSK	135	138		20.24		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.71			
100	QPSK	1	137		20.67		21.0	0.0
100	QPSK	1	271		20.66			
100	QPSK	135	0		19.80		21.0	0.0
100	QPSK	135	69		20.63		21.0	0.0
100	QPSK	135	138		19.69		21.0	0.0
100	QPSK	270	0		19.72			
100	16QAM	1	1		20.44		21.0	0.0
100	64QAM	1	1		18.90		19.5	1.5
100	256QAM	1	1		16.95		17.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.57	20.69	20.68	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.67	20.62	20.56	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.63	20.70	20.59	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.69	20.65	20.68	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.69	20.61	20.59	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.70	20.65	20.58	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.64	20.57	20.63	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.57	20.65	20.64	21.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.67	20.58	20.69	21.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.59	20.65	20.66	21.0	0.0

Part27O_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.52	20.58	20.50		
100	PI/2 BPSK	1	137	20.58	20.57	20.49	21.0	0.0
100	PI/2 BPSK	1	271	20.54	20.61	20.46		
100	PI/2 BPSK	135	0	20.21	20.31	20.10	21.0	0.0
100	PI/2 BPSK	135	69	20.53	20.61	20.53	21.0	0.0
100	PI/2 BPSK	135	138	20.26	20.28	20.25	21.0	0.0
100	PI/2 BPSK	270	0	20.15	20.06	20.10		
100	QPSK	1	1	20.61	20.65	20.56		
100	QPSK	1	137	20.54	20.58	20.49	21.0	0.0
100	QPSK	1	271	20.57	20.55	20.49		
100	QPSK	135	0	19.64	19.66	19.70	21.0	0.0
100	QPSK	135	69	20.51	20.58	20.47	21.0	0.0
100	QPSK	135	138	19.75	19.69	19.60	21.0	0.0
100	QPSK	270	0	19.59	19.85	19.76		
100	16QAM	1	1	20.23	20.31	20.24	21.0	0.0
100	64QAM	1	1	18.75	18.74	18.86	19.5	1.5
100	256QAM	1	1	16.78	16.90	16.92	17.5	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.58	20.58	20.53	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.51	20.61	20.41	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.58	20.57	20.47	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.57	20.56	20.54	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.48	20.59	20.52	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.55	20.50	20.49	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.48	20.63	20.53	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.51	20.62	20.41	21.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.57	20.58	20.48	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.53	20.59	20.47	21.0	0.0

Part27Q_n77_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.10			
100	PI/2 BPSK	1	137		20.90		22.0	0.0
100	PI/2 BPSK	1	271		21.02			
100	PI/2 BPSK	135	0		20.40		22.0	0.0
100	PI/2 BPSK	135	69		20.92		22.0	0.0
100	PI/2 BPSK	135	138		20.38		22.0	0.0
100	PI/2 BPSK	270	0		20.26			
100	QPSK	1	1		21.55			
100	QPSK	1	137		21.34		22.0	0.0
100	QPSK	1	271		21.50			
100	QPSK	135	0		19.85		21.5	0.5
100	QPSK	135	69		21.35		22.0	0.0
100	QPSK	135	138		19.78		21.5	0.5
100	QPSK	270	0		19.86			
100	16QAM	1	1		20.46		21.5	0.5
100	64QAM	1	1		19.00		20.0	2.0
100	256QAM	1	1		17.00		18.0	4.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.42	21.45	21.54	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.44	21.46	21.45	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.51	21.44	21.43	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.48	21.49	21.42	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.47	21.53	21.42	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.53	21.40	21.42	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.54	21.54	21.48	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.51	21.41	21.53	22.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.52	21.43	21.48	22.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.43	21.46	21.49	22.0	0.0

Part27O_n77_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.07	21.01	20.99		
100	PI/2 BPSK	1	137	20.88	20.85	20.84	22.0	0.0
100	PI/2 BPSK	1	271	20.97	20.89	20.98		
100	PI/2 BPSK	135	0	20.36	20.37	20.25	21.5	0.5
100	PI/2 BPSK	135	69	20.90	20.82	20.77	22.0	0.0
100	PI/2 BPSK	135	138	20.33	20.33	20.37	21.5	0.5
100	PI/2 BPSK	270	0	20.17	20.21	20.20		
100	QPSK	1	1	21.46	21.50	21.41		
100	QPSK	1	137	21.27	21.32	21.25	22.0	0.0
100	QPSK	1	271	21.39	21.39	21.37		
100	QPSK	135	0	19.73	19.81	19.71	21.0	1.0
100	QPSK	135	69	21.28	21.33	21.31	22.0	0.0
100	QPSK	135	138	19.77	19.73	19.75	21.0	1.0
100	QPSK	270	0	19.73	19.91	19.84		
100	16QAM	1	1	20.38	20.42	20.33	21.0	1.0
100	64QAM	1	1	18.89	18.85	18.98	19.5	2.5
100	256QAM	1	1	16.89	16.96	16.97	17.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.35	21.38	21.35	22.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.40	21.44	21.32	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.33	21.45	21.35	22.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.43	21.41	21.39	22.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.39	21.46	21.28	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.36	21.39	21.33	22.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.39	21.39	21.35	22.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.37	21.44	21.31	22.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.39	21.43	21.39	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.34	21.37	21.34	22.0	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.77			
100	PI/2 BPSK	1	137		19.64		20.2	0.0
100	PI/2 BPSK	1	271		19.30			
100	PI/2 BPSK	135	0		19.44		20.2	0.0
100	PI/2 BPSK	135	69		19.77		20.2	0.0
100	PI/2 BPSK	135	138		19.28		20.2	0.0
100	PI/2 BPSK	270	0		19.49			
100	QPSK	1	1		19.80			
100	QPSK	1	137		19.76		20.2	0.0
100	QPSK	1	271		19.70			
100	QPSK	135	0		19.30		20.2	0.0
100	QPSK	135	69		19.73		20.2	0.0
100	QPSK	135	138		18.83		20.2	0.0
100	QPSK	270	0		19.00			
100	16QAM	1	1		19.64		20.2	0.0
100	64QAM	1	1		18.14		18.7	1.5
100	256QAM	1	1		16.27		16.7	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.75	19.74	19.73	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.78	19.76	19.65	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.67	19.79	19.77	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.75	19.73	19.75	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.69	19.78	19.69	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.78	19.68	19.78	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.67	19.66	19.67	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.77	19.74	19.77	20.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.74	19.70	19.78	20.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.77	19.74	19.76	20.2	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.80	19.87	19.96		
100	PI/2 BPSK	1	137	19.78	19.92	19.85	20.2	0.0
100	PI/2 BPSK	1	271	19.88	19.91	19.92		
100	PI/2 BPSK	135	0	19.67	19.62	19.71	20.2	0.0
100	PI/2 BPSK	135	69	19.76	19.89	19.95	20.2	0.0
100	PI/2 BPSK	135	138	19.46	19.49	19.48	20.2	0.0
100	PI/2 BPSK	270	0	19.64	19.63	19.54		
100	QPSK	1	1	19.91	19.96	19.88		
100	QPSK	1	137	19.86	19.94	19.82	20.2	0.0
100	QPSK	1	271	19.78	19.90	19.83		
100	QPSK	135	0	18.93	19.04	19.12	20.2	0.0
100	QPSK	135	69	19.81	19.91	19.80	20.2	0.0
100	QPSK	135	138	19.03	18.98	18.99	20.2	0.0
100	QPSK	270	0	19.10	19.19	19.11		
100	16QAM	1	1	19.49	19.53	19.51	20.2	0.0
100	64QAM	1	1	18.01	18.13	18.03	18.7	1.5
100	256QAM	1	1	15.99	16.13	16.17	16.7	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.90	19.89	19.79	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.82	19.92	19.78	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.86	19.91	19.86	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.78	19.93	19.80	20.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.79	19.95	19.86	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.78	19.83	19.74	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.79	19.89	19.79	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.89	19.88	19.82	20.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.82	19.93	19.85	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.89	19.91	19.87	20.2	0.0

Part27Q_n77_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.17			
100	PI/2 BPSK	1	137		19.66		21.2	0.0
100	PI/2 BPSK	1	271		19.31			
100	PI/2 BPSK	135	0		19.45		20.7	0.5
100	PI/2 BPSK	135	69		19.92		21.2	0.0
100	PI/2 BPSK	135	138		19.33		20.7	0.5
100	PI/2 BPSK	270	0		19.56			
100	QPSK	1	1		20.64			
100	QPSK	1	137		20.05		21.2	0.0
100	QPSK	1	271		19.95			
100	QPSK	135	0		19.40		20.2	1.0
100	QPSK	135	69		20.60		21.2	0.0
100	QPSK	135	138		18.88		20.2	1.0
100	QPSK	270	0		19.02			
100	16QAM	1	1		19.65		20.2	1.0
100	64QAM	1	1		18.20		18.7	2.5
100	256QAM	1	1		16.31		16.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.49	20.63	20.59	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.55	20.51	20.61	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.55	20.50	20.50	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.59	20.53	20.53	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.54	20.63	20.59	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.55	20.59	20.56	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.49	20.63	20.56	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.49	20.59	20.52	21.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.59	20.60	20.51	21.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.58	20.56	20.55	21.2	0.0

Part27O_n77_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.23	20.34	20.24		
100	PI/2 BPSK	1	137	20.01	20.13	19.98	21.2	0.0
100	PI/2 BPSK	1	271	20.27	20.31	20.20		
100	PI/2 BPSK	135	0	19.72	19.74	19.73	20.7	0.5
100	PI/2 BPSK	135	69	20.17	20.22	20.15	21.2	0.0
100	PI/2 BPSK	135	138	19.48	19.63	19.57	20.7	0.5
100	PI/2 BPSK	270	0	19.66	19.67	19.58		
100	QPSK	1	1	20.69	20.82	20.77		
100	QPSK	1	137	20.54	20.61	20.58	21.2	0.0
100	QPSK	1	271	20.65	20.68	20.66		
100	QPSK	135	0	19.08	19.19	19.18	20.2	1.0
100	QPSK	135	69	20.57	20.62	20.53	21.2	0.0
100	QPSK	135	138	19.07	19.12	19.10	20.2	1.0
100	QPSK	270	0	19.14	19.23	19.12		
100	16QAM	1	1	19.59	19.68	19.55	20.2	1.0
100	64QAM	1	1	18.07	18.18	18.11	18.7	2.5
100	256QAM	1	1	16.14	16.21	16.20	16.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.54	20.68	20.65	21.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.57	20.69	20.73	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.54	20.75	20.71	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.58	20.80	20.73	21.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.57	20.76	20.73	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.61	20.69	20.66	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.64	20.72	20.62	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.57	20.70	20.74	21.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.67	20.74	20.74	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.55	20.72	20.64	21.2	0.0

Part27Q_n78_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.48			
100	PI/2 BPSK	1	137		24.50		25.2	0.0
100	PI/2 BPSK	1	271		24.51			
100	PI/2 BPSK	135	0		24.50		25.2	0.0
100	PI/2 BPSK	135	69		24.55		25.2	0.0
100	PI/2 BPSK	135	138		24.49		25.2	0.0
100	PI/2 BPSK	270	0		24.54			
100	QPSK	1	1		24.56			
100	QPSK	1	137		24.51		25.2	0.0
100	QPSK	1	271		24.50			
100	QPSK	135	0		24.42		25.2	0.0
100	QPSK	135	69		24.49		25.2	0.0
100	QPSK	135	138		24.46		25.2	0.0
100	QPSK	270	0		24.45			
100	16QAM	1	1		24.49		25.2	0.0
100	64QAM	1	1		24.18		24.7	0.5
100	256QAM	1	1		22.18		22.7	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.46	24.53	24.53	25.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.47	24.47	24.48	25.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.55	24.43	24.43	25.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.52	24.52	24.55	25.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.42	24.43	24.53	25.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.53	24.46	24.54	25.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.41	24.42	24.46	25.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.42	24.48	24.47	25.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.55	24.55	24.52	25.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.42	24.51	24.54	25.2	0.0

Part27O_n78_Ant 9

BW [MHz]	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		24.37			
100	PI/2 BPSK	1	137		24.42		25.2	0.0
100	PI/2 BPSK	1	271		24.36			
100	PI/2 BPSK	135	0		24.41		25.2	0.0
100	PI/2 BPSK	135	69		24.45		25.2	0.0
100	PI/2 BPSK	135	138		24.40		25.2	0.0
100	PI/2 BPSK	270	0		24.40			
100	QPSK	1	1		24.51			
100	QPSK	1	137		24.49		25.2	0.0
100	QPSK	1	271		24.46			
100	QPSK	135	0		24.44		25.2	0.0
100	QPSK	135	69		24.46		25.2	0.0
100	QPSK	135	138		24.40		25.2	0.0
100	QPSK	270	0		24.40			
100	16QAM	1	1		24.49		25.2	0.0
100	64QAM	1	1		24.13		24.7	0.5
100	256QAM	1	1		22.12		22.7	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.43	24.49	24.36	25.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.45	24.49	24.43	25.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.38	24.39	24.42	25.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.46	24.39	24.48	25.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.49	24.47	24.37	25.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.36	24.41	24.39	25.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	24.49	24.38	24.37	25.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.39	24.48	24.47	25.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	24.49	24.46	24.42	25.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.46	24.39	24.44	25.2	0.0

Part27Q_n78_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.32			
100	PI/2 BPSK	1	137		26.26		27.7	0.0
100	PI/2 BPSK	1	271		26.25			
100	PI/2 BPSK	135	0		25.69		27.2	0.5
100	PI/2 BPSK	135	69		26.16		27.7	0.0
100	PI/2 BPSK	135	138		25.61		27.2	0.5
100	PI/2 BPSK	270	0		25.58			
100	QPSK	1	1		26.40			
100	QPSK	1	137		26.11		27.7	0.0
100	QPSK	1	271		26.23			
100	QPSK	135	0		25.12		26.7	1.0
100	QPSK	135	69		26.02		27.7	0.0
100	QPSK	135	138		25.03		26.7	1.0
100	QPSK	270	0		25.04			
100	16QAM	1	1		25.70		26.7	1.0
100	64QAM	1	1		24.30		25.2	2.5
100	256QAM	1	1		22.20		23.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.38	26.38	26.31	27.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.36	26.35	26.32	27.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.34	26.31	26.38	27.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.29	26.31	26.25	27.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.39	26.39	26.25	27.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.31	26.36	26.37	27.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.31	26.31	26.35	27.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.37	26.39	26.33	27.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.31	26.35	26.34	27.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.38	26.34	26.28	27.7	0.0

Part27O_n78_Ant 9 HPUE

BW [MHz]	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		26.27			
100	PI/2 BPSK	1	137		26.22		27.7	0.0
100	PI/2 BPSK	1	271		26.16			
100	PI/2 BPSK	135	0		25.65		27.2	0.5
100	PI/2 BPSK	135	69		26.11		27.7	0.0
100	PI/2 BPSK	135	138		25.48		27.2	0.5
100	PI/2 BPSK	270	0		25.50			
100	QPSK	1	1		26.31			
100	QPSK	1	137		25.98		27.7	0.0
100	QPSK	1	271		26.10			
100	QPSK	135	0		25.06		26.7	1.0
100	QPSK	135	69		25.88		27.7	0.0
100	QPSK	135	138		24.97		26.7	1.0
100	QPSK	270	0		24.97			
100	16QAM	1	1		25.64		26.7	1.0
100	64QAM	1	1		24.17		25.2	2.5
100	256QAM	1	1		22.18		23.2	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	26.26	26.23	26.18	27.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	26.20	26.21	26.25	27.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.20	26.21	26.18	27.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	26.30	26.21	26.27	27.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	26.26	26.30	26.29	27.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.26	26.30	26.21	27.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	26.23	26.27	26.23	27.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.18	26.26	26.16	27.7	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	26.20	26.26	26.20	27.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.23	26.24	26.19	27.7	0.0

Part27Q_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.91			
100	PI/2 BPSK	1	137		22.93		24.0	0.0
100	PI/2 BPSK	1	271		22.92			
100	PI/2 BPSK	135	0		22.84		24.0	0.0
100	PI/2 BPSK	135	69		22.96		24.0	0.0
100	PI/2 BPSK	135	138		22.87		24.0	0.0
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		23.00			
100	QPSK	1	137		22.90		24.0	0.0
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.93		24.0	0.0
100	QPSK	135	69		22.98		24.0	0.0
100	QPSK	135	138		22.96		24.0	0.0
100	QPSK	270	0		22.89			
100	16QAM	1	1		22.91		24.0	0.0
100	64QAM	1	1		22.92		24.0	0.0
100	256QAM	1	1		20.95		22.0	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.96	22.86	22.96	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.85	22.87	22.86	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.94	22.93	22.86	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.93	22.94	22.87	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.86	22.88	22.96	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.92	22.98	22.90	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.97	22.90	22.94	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.90	22.98	22.94	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.95	22.90	22.88	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.94	22.87	22.91	24.0	0.0

2.3

Part27O_n78_Ant 8

BW [MHz]	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		22.81			
100	PI/2 BPSK	1	137		22.85		24.0	0.0
100	PI/2 BPSK	1	271		22.79			
100	PI/2 BPSK	135	0		22.76		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.85		24.0	0.0
100	PI/2 BPSK	270	0		22.80			
100	QPSK	1	1		22.99			
100	QPSK	1	137		22.84		24.0	0.0
100	QPSK	1	271		22.82			
100	QPSK	135	0		22.79		24.0	0.0
100	QPSK	135	69		22.83		24.0	0.0
100	QPSK	135	138		22.82		24.0	0.0
100	QPSK	270	0		22.79			
100	16QAM	1	1		22.78		24.0	0.0
100	64QAM	1	1		22.87		24.0	0.0
100	256QAM	1	1		20.87		22.0	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.97	22.95	22.92	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.91	22.93	22.90	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.91	22.97	22.87	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.86	22.89	22.92	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.88	22.98	22.94	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	22.95	22.88	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.88	22.90	22.95	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.94	22.90	22.91	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.84	22.91	22.91	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.97	22.92	22.94	24.0	0.0

Part27Q_n78_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.23			
100	PI/2 BPSK	1	137		24.93		26.5	0.0
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.47		26.0	0.5
100	PI/2 BPSK	135	69		24.82		26.5	0.0
100	PI/2 BPSK	135	138		24.23		26.0	0.5
100	PI/2 BPSK	270	0		24.29			
100	QPSK	1	1		25.27			
100	QPSK	1	137		24.89		26.5	0.0
100	QPSK	1	271		24.96			
100	QPSK	135	0		23.85		25.5	1.0
100	QPSK	135	69		24.86		26.5	0.0
100	QPSK	135	138		23.71		25.5	1.0
100	QPSK	270	0		23.68			
100	16QAM	1	1		24.54		25.5	1.0
100	64QAM	1	1		23.04		24.0	2.5
100	256QAM	1	1		21.08		22.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.18	25.13	25.20	26.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.15	25.21	25.15	26.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.17	25.20	25.24	26.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.12	25.14	25.20	26.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.19	25.22	25.15	26.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.22	25.28	25.22	26.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.25	25.24	25.21	26.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.12	25.13	25.20	26.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.12	25.21	25.24	26.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.18	25.14	25.18	26.5	0.0

Part27O_n78_Ant 8 HPUE

BW [MHz]	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		25.12		26.5	0.0
100	PI/2 BPSK	1	137		24.87			
100	PI/2 BPSK	1	271		24.89			
100	PI/2 BPSK	135	0		24.41		26.0	0.5
100	PI/2 BPSK	135	69		24.79		26.5	0.0
100	PI/2 BPSK	135	138		24.11		26.0	0.5
100	PI/2 BPSK	270	0		24.23			
100	QPSK	1	1		25.20		26.5	0.0
100	QPSK	1	137		24.88			
100	QPSK	1	271		24.84			
100	QPSK	135	0		23.81		25.5	1.0
100	QPSK	135	69		24.72		26.5	0.0
100	QPSK	135	138		23.62		25.5	1.0
100	QPSK	270	0		23.59			
100	16QAM	1	1		24.50		25.5	1.0
100	64QAM	1	1		22.91		24.0	2.5
100	256QAM	1	1		20.99		22.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.16	25.12	25.11	26.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.13	25.19	25.06	26.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.09	25.09	25.05	26.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.13	25.09	25.08	26.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.12	25.16	25.09	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.15	25.17	25.17	26.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	25.06	25.10	25.16	26.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.19	25.13	25.06	26.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.10	25.12	25.18	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.19	25.07	25.13	26.5	0.0

Part27Q_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.18		21.2	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.18			
100	PI/2 BPSK	135	0		20.19		21.2	0.0
100	PI/2 BPSK	135	69		20.19		21.2	0.0
100	PI/2 BPSK	135	138		20.29		21.2	0.0
100	PI/2 BPSK	270	0		20.31			
100	QPSK	1	1		20.35		21.2	0.0
100	QPSK	1	137		20.25			
100	QPSK	1	271		20.30			
100	QPSK	135	0		20.24		21.2	0.0
100	QPSK	135	69		20.31		21.2	0.0
100	QPSK	135	138		20.21		21.2	0.0
100	QPSK	270	0		20.30			
100	16QAM	1	1		20.27		21.2	0.0
100	64QAM	1	1		20.24		21.2	0.0
100	256QAM	1	1		18.39		19.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.29	20.26	20.32	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.26	20.30	20.26	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.30	20.30	20.25	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.30	20.20	20.26	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.22	20.27	20.32	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.25	20.33	20.21	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.26	20.20	20.26	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.32	20.30	20.28	21.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.33	20.25	20.34	21.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.24	20.28	20.20	21.2	0.0

Part27O_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.12		21.2	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.11		21.2	0.0
100	PI/2 BPSK	135	69		20.07		21.2	0.0
100	PI/2 BPSK	135	138		20.22		21.2	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.31		21.2	0.0
100	QPSK	1	137		20.20			
100	QPSK	1	271		20.18			
100	QPSK	135	0		20.19		21.2	0.0
100	QPSK	135	69		20.26		21.2	0.0
100	QPSK	135	138		20.07		21.2	0.0
100	QPSK	270	0		20.17			
100	16QAM	1	1		20.20		21.2	0.0
100	64QAM	1	1		20.12		21.2	0.0
100	256QAM	1	1		18.28		19.2	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.17	20.20	20.30	21.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.24	20.19	20.24	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.19	20.17	20.30	21.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.25	20.17	20.23	21.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.25	20.18	20.20	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.21	20.19	20.25	21.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.30	20.29	20.23	21.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.28	20.19	20.30	21.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.29	20.20	20.29	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.25	20.23	20.21	21.2	0.0

Part27Q_n78_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.52			
100	PI/2 BPSK	1	137		22.26		23.7	0.0
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		21.76		23.2	0.5
100	PI/2 BPSK	135	69		22.21		23.7	0.0
100	PI/2 BPSK	135	138		21.65		23.2	0.5
100	PI/2 BPSK	270	0		21.73			
100	QPSK	1	1		22.63			
100	QPSK	1	137		22.12		23.7	0.0
100	QPSK	1	271		22.35			
100	QPSK	135	0		21.20		22.7	1.0
100	QPSK	135	69		22.14		23.7	0.0
100	QPSK	135	138		21.15		22.7	1.0
100	QPSK	270	0		21.14			
100	16QAM	1	1		21.83		22.7	1.0
100	64QAM	1	1		20.35		21.2	2.5
100	256QAM	1	1		18.40		19.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	23.7	0.0
90	QPSK	1	1	22.49	22.53	22.53		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	23.7	0.0
80	QPSK	1	1	22.62	22.56	22.48		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	23.7	0.0
70	QPSK	1	1	22.62	22.50	22.61		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	23.7	0.0
60	QPSK	1	1	22.48	22.60	22.55		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	23.7	0.0
50	QPSK	1	1	22.61	22.52	22.49		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	23.7	0.0
40	QPSK	1	1	22.55	22.56	22.54		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	23.7	0.0
30	QPSK	1	1	22.51	22.51	22.53		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	23.7	0.0
20	QPSK	1	1	22.59	22.51	22.62		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	23.7	0.0
15	QPSK	1	1	22.57	22.52	22.57		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	23.7	0.0
10	QPSK	1	1	22.60	22.51	22.56		

Part27O_n78_Ant 10 HPUE

BW [MHz]	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		22.43			
100	PI/2 BPSK	1	137		22.12		23.7	0.0
100	PI/2 BPSK	1	271		22.30			
100	PI/2 BPSK	135	0		21.74		23.2	0.5
100	PI/2 BPSK	135	69		22.16		23.7	0.0
100	PI/2 BPSK	135	138		21.52		23.2	0.5
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		22.62			
100	QPSK	1	137		22.05		23.7	0.0
100	QPSK	1	271		22.22			
100	QPSK	135	0		21.14		22.7	1.0
100	QPSK	135	69		22.07		23.7	0.0
100	QPSK	135	138		21.12		22.7	1.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.74		22.7	1.0
100	64QAM	1	1		20.21		21.2	2.5
100	256QAM	1	1		18.27		19.2	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	23.7	0.0
90	QPSK	1	1	22.48	22.52	22.55		
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	23.7	0.0
80	QPSK	1	1	22.50	22.48	22.57		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	23.7	0.0
70	QPSK	1	1	22.55	22.59	22.61		
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	23.7	0.0
60	QPSK	1	1	22.55	22.53	22.47		
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	23.7	0.0
50	QPSK	1	1	22.61	22.56	22.50		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	23.7	0.0
40	QPSK	1	1	22.61	22.56	22.51		
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	23.7	0.0
30	QPSK	1	1	22.49	22.51	22.61		
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	23.7	0.0
20	QPSK	1	1	22.54	22.56	22.58		
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	23.7	0.0
15	QPSK	1	1	22.57	22.49	22.61		
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	23.7	0.0
10	QPSK	1	1	22.59	22.52	22.60		

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.36			
100	PI/2 BPSK	1	137		19.37		20.5	0.0
100	PI/2 BPSK	1	271		19.37			
100	PI/2 BPSK	135	0		19.31		20.5	0.0
100	PI/2 BPSK	135	69		19.39		20.5	0.0
100	PI/2 BPSK	135	138		19.38		20.5	0.0
100	PI/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.42			
100	QPSK	1	137		19.37		20.5	0.0
100	QPSK	1	271		19.39			
100	QPSK	135	0		19.37		20.5	0.0
100	QPSK	135	69		19.38		20.5	0.0
100	QPSK	135	138		19.29		20.5	0.0
100	QPSK	270	0		19.33			
100	16QAM	1	1		19.41		20.5	0.0
100	64QAM	1	1		19.36		20.5	0.0
100	256QAM	1	1		17.70		18.5	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	20.5	0.0
90	QPSK	1	1	19.31	19.32	19.41		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	20.5	0.0
80	QPSK	1	1	19.40	19.37	19.37		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	20.5	0.0
70	QPSK	1	1	19.35	19.28	19.28		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	20.5	0.0
60	QPSK	1	1	19.35	19.31	19.31		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	20.5	0.0
50	QPSK	1	1	19.33	19.34	19.37		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	20.5	0.0
40	QPSK	1	1	19.39	19.41	19.37		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	20.5	0.0
30	QPSK	1	1	19.37	19.35	19.30		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	20.5	0.0
20	QPSK	1	1	19.31	19.41	19.37		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	20.5	0.0
15	QPSK	1	1	19.34	19.40	19.36		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	20.5	0.0
10	QPSK	1	1	19.29	19.29	19.41		

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.34		20.5	0.0
100	PI/2 BPSK	1	137		19.24			
100	PI/2 BPSK	1	271		19.35			
100	PI/2 BPSK	135	0		19.17		20.5	0.0
100	PI/2 BPSK	135	69		19.33		20.5	0.0
100	PI/2 BPSK	135	138		19.28		20.5	0.0
100	PI/2 BPSK	270	0		19.27			
100	QPSK	1	1		19.35		20.5	0.0
100	QPSK	1	137		19.34			
100	QPSK	1	271		19.33			
100	QPSK	135	0		19.31		20.5	0.0
100	QPSK	135	69		19.34		20.5	0.0
100	QPSK	135	138		19.24		20.5	0.0
100	QPSK	270	0		19.27			
100	16QAM	1	1		19.28		20.5	0.0
100	64QAM	1	1		19.30		20.5	0.0
100	256QAM	1	1		17.57		18.5	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.34	19.26	19.31	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.24	19.22	19.23	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.33	19.22	19.24	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.28	19.21	19.23	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.24	19.28	19.26	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.34	19.24	19.27	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.30	19.20	19.25	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.32	19.28	19.25	20.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.26	19.28	19.32	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.24	19.34	19.27	20.5	0.0

Part27Q_n78_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.77		23.0	0.0
100	PI/2 BPSK	1	137		21.62			
100	PI/2 BPSK	1	271		21.76			
100	PI/2 BPSK	135	0		21.16		22.5	0.5
100	PI/2 BPSK	135	69		21.68		23.0	0.0
100	PI/2 BPSK	135	138		21.14		22.5	0.5
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.81		23.0	0.0
100	QPSK	1	137		21.65			
100	QPSK	1	271		21.73			
100	QPSK	135	0		20.71		22.0	1.0
100	QPSK	135	69		21.64		23.0	0.0
100	QPSK	135	138		20.66		22.0	1.0
100	QPSK	270	0		20.69			
100	16QAM	1	1		21.19		22.0	1.0
100	64QAM	1	1		19.68		20.5	2.5
100	256QAM	1	1		17.78		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.70	21.69	21.69	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.69	21.68	21.74	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.79	21.66	21.71	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.72	21.78	21.70	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.71	21.79	21.78	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.77	21.75	21.66	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.73	21.74	21.71	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.67	21.72	21.66	23.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.79	21.69	21.75	23.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.78	21.77	21.77	23.0	0.0

Part27O_n78_Ant 4 HPUE

BW [MHz]	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		21.63		23.0	0.0
100	PI/2 BPSK	1	137		21.53			
100	PI/2 BPSK	1	271		21.72			
100	PI/2 BPSK	135	0		21.11		22.5	0.5
100	PI/2 BPSK	135	69		21.64		23.0	0.0
100	PI/2 BPSK	135	138		21.16		22.5	0.5
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.75		23.0	0.0
100	QPSK	1	137		21.52			
100	QPSK	1	271		21.67			
100	QPSK	135	0		20.53		22.0	1.0
100	QPSK	135	69		21.55		23.0	0.0
100	QPSK	135	138		20.49		22.0	1.0
100	QPSK	270	0		20.52			
100	16QAM	1	1		21.13		22.0	1.0
100	64QAM	1	1		19.68		20.5	2.5
100	256QAM	1	1		17.61		18.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.61	21.67	21.68	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.63	21.66	21.65	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.63	21.62	21.61	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.69	21.67	21.60	23.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.71	21.62	21.73	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.74	21.64	21.61	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	21.70	21.72	21.69	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.60	21.68	21.72	23.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.74	21.74	21.62	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.60	21.61	21.63	23.0	0.0

Reduced Power Mode for DSI 4

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.84	20.99	20.87	22.2	0.0
20	PI/2 BPSK	1	53	20.87	20.95	20.93		
20	PI/2 BPSK	1	104	20.82	20.98	20.88		
20	PI/2 BPSK	50	0	20.85	21.00	20.84	22.2	0.0
20	PI/2 BPSK	50	28	20.87	20.99	20.88	22.2	0.0
20	PI/2 BPSK	50	56	20.92	21.06	20.88	22.2	0.0
20	PI/2 BPSK	100	0	20.92	21.05	20.91		
20	QPSK	1	1	20.96	21.07	20.98	22.2	0.0
20	QPSK	1	53	20.92	20.97	20.97		
20	QPSK	1	104	20.84	20.98	20.88		
20	QPSK	50	0	20.85	20.97	20.85	22.2	0.0
20	QPSK	50	28	20.89	21.00	20.95	22.2	0.0
20	QPSK	50	56	20.76	20.98	20.91	22.2	0.0
20	QPSK	100	0	20.85	20.92	20.90		
20	16QAM	1	1	20.91	21.03	20.96	22.2	0.0
20	64QAM	1	1	20.83	20.95	20.85	22.2	0.0
20	256QAM	1	1	18.84	18.96	18.89	20.2	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.89	20.92	20.83	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.87	20.96	20.96	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.89	21.06	20.85	22.2	0.0

n2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.02	20.06	19.82	21.2	0.0
20	PI/2 BPSK	1	53	19.97	19.99	19.79		
20	PI/2 BPSK	1	104	19.94	19.94	19.84		
20	PI/2 BPSK	50	0	20.02	20.06	19.87	21.2	0.0
20	PI/2 BPSK	50	28	19.97	20.04	19.83	21.2	0.0
20	PI/2 BPSK	50	56	20.06	19.95	19.92	21.2	0.0
20	PI/2 BPSK	100	0	19.93	20.03	19.86		
20	QPSK	1	1	20.07	20.08	19.93	21.2	0.0
20	QPSK	1	53	20.05	20.04	19.80		
20	QPSK	1	104	19.99	19.93	19.79		
20	QPSK	50	0	19.92	20.05	19.74	21.2	0.0
20	QPSK	50	28	20.04	20.07	19.85	21.2	0.0
20	QPSK	50	56	19.99	19.98	19.85	21.2	0.0
20	QPSK	100	0	19.99	20.04	19.85		
20	16QAM	1	1	20.01	20.04	19.89	21.2	0.0
20	64QAM	1	1	19.35	19.45	19.42	20.7	0.5
20	256QAM	1	1	17.29	17.32	17.23	18.7	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.97	20.07	19.79	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.02	19.94	19.89	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.97	20.04	19.78	21.2	0.0

n2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.00	22.02	22.09	23.2	0.0
20	PI/2 BPSK	1	53	22.03	22.10	22.10		
20	PI/2 BPSK	1	104	22.03	22.04	21.98		
20	PI/2 BPSK	50	0	22.06	21.99	22.10	23.2	0.0
20	PI/2 BPSK	50	28	22.08	22.01	21.97	23.2	0.0
20	PI/2 BPSK	50	56	22.09	22.08	22.04	23.2	0.0
20	PI/2 BPSK	100	0	21.98	22.07	22.06		
20	QPSK	1	1	22.10	22.14	22.12	23.2	0.0
20	QPSK	1	53	22.04	22.02	22.04		
20	QPSK	1	104	22.05	22.10	21.97		
20	QPSK	50	0	21.93	22.03	22.06	23.2	0.0
20	QPSK	50	28	22.07	22.11	22.07	23.2	0.0
20	QPSK	50	56	21.97	22.02	21.96	23.2	0.0
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	1	22.05	22.01	22.04	23.2	0.0
20	64QAM	1	1	21.51	21.53	21.38	22.7	0.5
20	256QAM	1	1	19.41	19.48	19.37	20.7	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.01	22.10	21.98	23.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.00	22.00	22.02	23.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.04	22.06	21.98	23.2	0.0

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.30	18.48	18.26	19.2	0.0
20	PI/2 BPSK	1	53	18.28	18.38	18.26		
20	PI/2 BPSK	1	104	18.34	18.37	18.26		
20	PI/2 BPSK	50	0	18.36	18.43	18.33	19.2	0.0
20	PI/2 BPSK	50	28	18.25	18.47	18.32	19.2	0.0
20	PI/2 BPSK	50	56	18.36	18.44	18.20	19.2	0.0
20	PI/2 BPSK	100	0	18.28	18.41	18.27		
20	QPSK	1	1	18.39	18.49	18.34	19.2	0.0
20	QPSK	1	53	18.28	18.45	18.28		
20	QPSK	1	104	18.38	18.40	18.23		
20	QPSK	50	0	18.29	18.30	18.18	19.2	0.0
20	QPSK	50	28	18.36	18.42	18.32	19.2	0.0
20	QPSK	50	56	18.27	18.31	18.19	19.2	0.0
20	QPSK	100	0	18.30	18.37	18.26		
20	16QAM	1	1	18.35	18.37	18.32	19.2	0.0
20	64QAM	1	1	18.24	18.45	18.23	19.2	0.0
20	256QAM	1	1	18.32	18.39	18.19	19.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.29	18.47	18.28	19.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.33	18.46	18.28	19.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.32	18.36	18.21	19.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.68	23.71	23.64	25.2	0.0
20	PI/2 BPSK	1	53	23.64	23.67	23.55		
20	PI/2 BPSK	1	104	23.58	23.64	23.62		
20	PI/2 BPSK	50	0	23.06	23.15	23.06	24.7	0.5
20	PI/2 BPSK	50	28	23.54	23.69	23.57	25.2	0.0
20	PI/2 BPSK	50	56	23.11	23.13	23.11	24.7	0.5
20	PI/2 BPSK	100	0	23.07	23.20	23.14		
20	QPSK	1	1	24.25	24.37	24.31	25.2	0.0
20	QPSK	1	53	23.98	24.10	23.95		
20	QPSK	1	104	23.94	24.06	24.03		
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0
20	QPSK	50	28	24.07	24.10	24.09	25.2	0.0
20	QPSK	50	56	23.05	23.14	23.09	24.2	1.0
20	QPSK	100	0	23.09	23.14	23.00		
20	16QAM	1	1	23.10	23.14	23.01	24.2	1.0
20	64QAM	1	1	21.57	21.62	21.47	22.7	2.5
20	256QAM	1	1	19.46	19.61	19.47	20.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.13	24.22	24.17	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.24	24.30	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.18	24.25	24.26	25.2	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.80	22.84	22.81	24.3	0.0
20	PI/2 BPSK	1	53	22.81	22.85	22.82		
20	PI/2 BPSK	1	104	22.63	22.71	22.64		
20	PI/2 BPSK	50	0	22.29	22.33	22.25	23.8	0.5
20	PI/2 BPSK	50	28	22.74	22.81	22.78	24.3	0.0
20	PI/2 BPSK	50	56	22.22	22.28	22.27	23.8	0.5
20	PI/2 BPSK	100	0	22.23	22.25	22.18		
20	QPSK	1	1	23.26	23.34	23.23	24.3	0.0
20	QPSK	1	53	23.12	23.21	23.18		
20	QPSK	1	104	23.20	23.26	23.21		
20	QPSK	50	0	22.13	22.26	22.18	23.3	1.0
20	QPSK	50	28	23.20	23.31	23.20	24.3	0.0
20	QPSK	50	56	22.15	22.25	22.22	23.3	1.0
20	QPSK	100	0	22.14	22.23	22.15		
20	16QAM	1	1	22.25	22.28	22.22	23.3	1.0
20	64QAM	1	1	20.70	20.75	20.70	21.8	2.5
20	256QAM	1	1	18.64	18.72	18.63	19.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.26	23.16	24.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.18	23.22	23.10	24.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.29	23.19	24.3	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.59	18.67	18.57	19.7	0.0
40	PI/2 BPSK	1	108	18.59	18.58	18.64		
40	PI/2 BPSK	1	214	18.48	18.65	18.57		
40	PI/2 BPSK	108	0	18.53	18.64	18.59	19.7	0.0
40	PI/2 BPSK	108	54	18.58	18.63	18.65	19.7	0.0
40	PI/2 BPSK	108	108	18.47	18.71	18.56	19.7	0.0
40	PI/2 BPSK	216	0	18.60	18.70	18.59		
40	QPSK	1	1	18.61	18.73	18.68	19.7	0.0
40	QPSK	1	108	18.59	18.58	18.56		
40	QPSK	1	214	18.52	18.72	18.67		
40	QPSK	108	0	18.48	18.65	18.56	19.7	0.0
40	QPSK	108	54	18.53	18.69	18.62	19.7	0.0
40	QPSK	108	108	18.45	18.55	18.59	19.7	0.0
40	QPSK	216	0	18.52	18.67	18.56		
40	16QAM	1	1	18.60	18.71	18.61	19.7	0.0
40	64QAM	1	1	18.48	18.58	18.58	19.7	0.0
40	256QAM	1	1	18.57	18.63	18.56	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.48	18.66	18.66	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.57	18.66	18.58	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.46	18.67	18.61	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.56	18.67	18.59	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.54	18.61	18.66	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.46	18.70	18.54	19.7	0.0

n7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.88	19.08	18.97	19.7	0.0
40	PI/2 BPSK	1	108	18.91	19.08	19.09		
40	PI/2 BPSK	1	214	18.94	19.07	19.10		
40	PI/2 BPSK	108	0	18.92	19.00	19.10	19.7	0.0
40	PI/2 BPSK	108	54	18.94	19.00	19.08	19.7	0.0
40	PI/2 BPSK	108	108	18.95	19.01	18.97	19.7	0.0
40	PI/2 BPSK	216	0	18.91	19.03	18.98		
40	QPSK	1	1	19.01	19.13	19.11	19.7	0.0
40	QPSK	1	108	18.88	19.12	19.04		
40	QPSK	1	214	18.95	19.04	19.01		
40	QPSK	108	0	18.85	19.10	19.03	19.7	0.0
40	QPSK	108	54	19.00	19.11	19.10	19.7	0.0
40	QPSK	108	108	18.89	19.02	18.96	19.7	0.0
40	QPSK	216	0	18.96	19.10	19.04		
40	16QAM	1	1	18.88	19.11	18.97	19.7	0.0
40	64QAM	1	1	18.80	18.95	18.91	19.7	0.0
40	256QAM	1	1	16.83	16.91	16.80	17.7	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.87	19.05	18.97	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.88	19.06	19.08	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.91	19.05	19.07	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.91	19.03	19.05	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.89	18.96	19.05	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.96	18.99	19.04	19.7	0.0

n7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.71	18.92	18.92	19.7	0.0
40	PI/2 BPSK	1	108	18.72	18.85	18.89		
40	PI/2 BPSK	1	214	18.70	18.84	18.92		
40	PI/2 BPSK	108	0	18.78	18.90	18.82	19.7	0.0
40	PI/2 BPSK	108	54	18.76	18.86	18.92	19.7	0.0
40	PI/2 BPSK	108	108	18.76	18.86	18.91	19.7	0.0
40	PI/2 BPSK	216	0	18.69	18.87	18.85		
40	QPSK	1	1	18.83	18.99	18.96	19.7	0.0
40	QPSK	1	108	18.81	18.95	18.81		
40	QPSK	1	214	18.80	18.97	18.94		
40	QPSK	108	0	18.77	18.91	18.83	19.7	0.0
40	QPSK	108	54	18.82	18.95	18.91	19.7	0.0
40	QPSK	108	108	18.88	18.88	18.87	19.7	0.0
40	QPSK	216	0	18.74	18.89	18.84		
40	16QAM	1	1	18.79	18.90	18.91	19.7	0.0
40	64QAM	1	1	18.76	18.87	18.94	19.7	0.0
40	256QAM	1	1	18.72	18.93	18.93	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.77	18.90	18.94	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.70	18.92	18.93	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.70	18.94	18.90	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.81	18.87	18.83	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.70	18.94	18.84	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.74	18.98	18.95	19.7	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.14	19.26	19.30	20.0	0.0
40	PI/2 BPSK	1	108	19.20	19.32	19.31		
40	PI/2 BPSK	1	214	19.13	19.29	19.31		
40	PI/2 BPSK	108	0	19.24	19.31	19.22	20.0	0.0
40	PI/2 BPSK	108	54	19.19	19.35	19.31	20.0	0.0
40	PI/2 BPSK	108	108	19.20	19.35	19.30	20.0	0.0
40	PI/2 BPSK	216	0	19.25	19.25	19.21		
40	QPSK	1	1	19.28	19.39	19.36	20.0	0.0
40	QPSK	1	108	19.27	19.31	19.27		
40	QPSK	1	214	19.13	19.27	19.30		
40	QPSK	108	0	19.24	19.26	19.27	20.0	0.0
40	QPSK	108	54	19.27	19.38	19.33	20.0	0.0
40	QPSK	108	108	19.26	19.28	19.22	20.0	0.0
40	QPSK	216	0	19.21	19.37	19.27		
40	16QAM	1	1	19.16	19.29	19.35	20.0	0.0
40	64QAM	1	1	19.18	19.28	19.23	20.0	0.0
40	256QAM	1	1	18.71	18.75	18.72	19.5	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.16	19.37	19.28	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.26	19.25	19.34	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.26	19.24	19.23	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.13	19.24	19.30	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.14	19.32	19.26	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.18	19.32	19.29	20.0	0.0

n12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.89	23.92	23.81	24.7	0.0
15	PI/2 BPSK	1	40	23.78	23.82	23.68		
15	PI/2 BPSK	1	77	23.87	23.90	23.77		
15	PI/2 BPSK	36	0	23.30	23.36	23.30	24.2	0.5
15	PI/2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0
15	PI/2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5
15	PI/2 BPSK	75	0	23.23	23.37	23.36		
15	QPSK	1	1	24.06	24.12	23.98	24.7	0.0
15	QPSK	1	40	23.58	23.71	23.69		
15	QPSK	1	77	23.76	23.88	23.73		
15	QPSK	36	0	22.68	22.80	22.69	23.7	1.0
15	QPSK	36	22	23.76	23.82	23.69	24.7	0.0
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0
15	QPSK	75	0	22.72	22.85	22.78		
15	16QAM	1	1	22.83	22.92	22.84	23.7	1.0
15	64QAM	1	1	21.36	21.44	21.43	22.2	2.5
	256QAM	1	1	19.27	19.36	19.34	20.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.99	23.97	23.89	24.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.01	23.98	23.89	24.7	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.04	23.07	23.04	23.8	0.0
15	PI/2 BPSK	1	40	22.84	22.96	22.92		
15	PI/2 BPSK	1	77	22.94	23.04	22.91		
15	PI/2 BPSK	36	0	22.38	22.52	22.43	23.3	0.5
15	PI/2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0
15	PI/2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5
15	PI/2 BPSK	75	0	22.33	22.46	22.42		
15	QPSK	1	1	22.95	23.09	23.03	23.8	0.0
15	QPSK	1	40	22.82	22.88	22.74		
15	QPSK	1	77	22.81	22.94	22.88		
15	QPSK	36	0	21.90	22.04	22.01	22.8	1.0
15	QPSK	36	22	22.80	22.89	22.83	23.8	0.0
15	QPSK	36	43	21.88	21.89	21.85	22.8	1.0
15	QPSK	75	0	21.91	21.96	21.90		
15	16QAM	1	1	21.89	21.94	21.86	22.8	1.0
15	64QAM	1	1	20.49	20.51	20.38	21.3	2.5
	256QAM	1	1	18.35	18.44	18.38	19.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0

n13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.79		25.2	0.0
10	PI/2 BPSK	1	26		23.75			
10	PI/2 BPSK	1	50		23.78			
10	PI/2 BPSK	25	0		23.15		24.7	0.5
10	PI/2 BPSK	25	14		23.70		25.2	0.0
10	PI/2 BPSK	25	27		23.11		24.7	0.5
10	PI/2 BPSK	50	0		23.13			
10	QPSK	1	1		23.98		25.2	0.0
10	QPSK	1	26		23.60			
10	QPSK	1	50		23.69			
10	QPSK	25	0		22.67		24.2	1.0
10	QPSK	25	14		23.52		25.2	0.0
10	QPSK	25	27		22.58		24.2	1.0
10	QPSK	50	0		22.60			
10	16QAM	1	1		22.64		24.2	1.0
10	64QAM	1	1		21.13		22.7	2.5
10	256QAM	1	1		19.02		20.7	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.86	23.85	23.97	25.2	0.0

n13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.77		24.3	0.0
10	PI/2 BPSK	1	26		22.75			
10	PI/2 BPSK	1	50		22.72			
10	PI/2 BPSK	25	0		22.28		23.8	0.5
10	PI/2 BPSK	25	14		22.72		24.3	0.0
10	PI/2 BPSK	25	27		22.22		23.8	0.5
10	PI/2 BPSK	50	0		22.24			
10	QPSK	1	1		22.82		24.3	0.0
10	QPSK	1	26		22.77			
10	QPSK	1	50		22.75			
10	QPSK	25	0		21.74		23.3	1.0
10	QPSK	25	14		22.63		24.3	0.0
10	QPSK	25	27		21.69		23.3	1.0
10	QPSK	50	0		21.79			
10	16QAM	1	1		21.73		23.3	1.0
10	64QAM	1	1		20.22		21.8	2.5
10	256QAM	1	1		18.06		19.8	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	22.68	22.74	22.67	24.3	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.96	20.10	20.06	21.2	0.0
40	PI/2 BPSK	1	108	19.94	20.11	19.99		
40	PI/2 BPSK	1	214	19.97	20.12	19.99		
40	PI/2 BPSK	108	0	19.93	20.06	20.02	21.2	0.0
40	PI/2 BPSK	108	54	20.04	20.11	20.01	21.2	0.0
40	PI/2 BPSK	108	108	20.03	20.11	19.94	21.2	0.0
40	PI/2 BPSK	216	0	20.05	20.14	20.04		
40	QPSK	1	1	19.99	20.15	20.10	21.2	0.0
40	QPSK	1	108	19.93	20.09	19.94		
40	QPSK	1	214	19.98	20.10	20.04		
40	QPSK	108	0	19.92	20.08	20.00	21.2	0.0
40	QPSK	108	54	20.04	20.11	20.03	21.2	0.0
40	QPSK	108	108	20.00	20.04	20.00	21.2	0.0
40	QPSK	216	0	19.98	20.04	20.01		
40	16QAM	1	1	20.05	20.06	19.94	21.2	0.0
40	64QAM	1	1	19.97	20.08	20.02	21.2	0.0
40	256QAM	1	1	18.58	18.68	18.64	19.2	2.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.84	20.06	19.98	21.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.85	20.00	20.03	21.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.90	20.10	19.99	21.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.84	20.02	19.95	21.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.92	20.07	20.08	21.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.84	20.11	20.01	21.2	0.0

n25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.86	18.95	18.86	20.2	0.0
40	PI/2 BPSK	1	108	18.93	18.93	18.88		
40	PI/2 BPSK	1	214	18.93	19.05	18.82		
40	PI/2 BPSK	108	0	18.89	19.06	18.76	20.2	0.0
40	PI/2 BPSK	108	54	18.82	18.98	18.90	20.2	0.0
40	PI/2 BPSK	108	108	18.87	19.00	18.86	20.2	0.0
40	PI/2 BPSK	216	0	18.93	19.03	18.90		
40	QPSK	1	1	18.91	19.05	18.87	20.2	0.0
40	QPSK	1	108	18.84	18.97	18.80		
40	QPSK	1	214	18.88	18.99	18.77		
40	QPSK	108	0	18.81	19.01	18.75	20.2	0.0
40	QPSK	108	54	18.89	19.03	18.83	20.2	0.0
40	QPSK	108	108	18.86	18.93	18.76	20.2	0.0
40	QPSK	216	0	18.92	18.92	18.81		
40	16QAM	1	1	18.88	18.97	18.78	20.2	0.0
40	64QAM	1	1	18.90	19.01	18.81	19.7	0.5
40	256QAM	1	1	17.03	17.16	17.13	17.7	2.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.82	18.90	18.82	20.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.78	18.95	18.80	20.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.82	18.91	18.75	20.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.77	18.92	18.82	20.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.85	18.89	18.74	20.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.87	18.93	18.81	20.2	0.0

n25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.07	21.14	21.02	22.2	0.0
40	PI/2 BPSK	1	108	21.08	21.18	21.04		
40	PI/2 BPSK	1	214	21.05	21.24	21.13		
40	PI/2 BPSK	108	0	21.10	21.19	21.10	22.2	0.0
40	PI/2 BPSK	108	54	21.01	21.11	21.04	22.2	0.0
40	PI/2 BPSK	108	108	21.02	21.18	21.05	22.2	0.0
40	PI/2 BPSK	216	0	21.05	21.23	21.07		
40	QPSK	1	1	21.15	21.23	21.10	22.2	0.0
40	QPSK	1	108	21.05	21.17	20.99		
40	QPSK	1	214	21.04	21.15	21.00		
40	QPSK	108	0	21.03	21.16	21.04	22.2	0.0
40	QPSK	108	54	21.13	21.19	21.08	22.2	0.0
40	QPSK	108	108	21.01	21.10	21.04	22.2	0.0
40	QPSK	216	0	21.01	21.11	21.02		
40	16QAM	1	1	21.01	21.21	20.99	22.2	0.0
40	64QAM	1	1	21.11	21.18	21.13	21.7	0.5
40	256QAM	1	1	19.21	19.23	19.21	19.7	2.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.09	21.13	21.02	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.06	21.22	21.04	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.00	21.10	21.01	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.00	21.18	21.09	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.14	21.12	20.95	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.01	21.19	21.00	22.2	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.23	18.18	18.23	19.2	0.0
40	PI/2 BPSK	1	108	18.21	18.16	18.16		
40	PI/2 BPSK	1	214	18.13	18.27	18.25		
40	PI/2 BPSK	108	0	18.23	18.27	18.11	19.2	0.0
40	PI/2 BPSK	108	54	18.21	18.25	18.15	19.2	0.0
40	PI/2 BPSK	108	108	18.13	18.26	18.13	19.2	0.0
40	PI/2 BPSK	216	0	18.17	18.15	18.14		
40	QPSK	1	1	18.24	18.30	18.26	19.2	0.0
40	QPSK	1	108	18.23	18.17	18.23		
40	QPSK	1	214	18.20	18.23	18.25		
40	QPSK	108	0	18.17	18.17	18.12	19.2	0.0
40	QPSK	108	54	18.20	18.25	18.20	19.2	0.0
40	QPSK	108	108	18.07	18.14	18.17	19.2	0.0
40	QPSK	216	0	18.12	18.20	18.17		
40	16QAM	1	1	18.15	18.20	18.24	19.2	0.0
40	64QAM	1	1	18.14	18.21	18.18	19.2	0.0
40	256QAM	1	1	18.18	18.21	18.14	19.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.11	18.21	18.17	19.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.12	18.28	18.22	19.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.09	18.29	18.12	19.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.14	18.29	18.24	19.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.17	18.19	18.13	19.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.17	18.15	18.11	19.2	0.0

n26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.39	24.33	25.2	0.0
20	PI/2 BPSK	1	53	24.29	24.38	24.35		
20	PI/2 BPSK	1	104	24.27	24.30	24.25		
20	PI/2 BPSK	50	0	23.89	23.91	23.80	24.7	0.5
20	PI/2 BPSK	50	28	24.36	24.47	24.44	25.2	0.0
20	PI/2 BPSK	50	56	23.87	23.90	23.83	24.7	0.5
20	PI/2 BPSK	100	0	23.81	23.94	23.85		
20	QPSK	1	1	24.44	24.51	24.38	25.2	0.0
20	QPSK	1	53	24.28	24.30	24.15		
20	QPSK	1	104	24.24	24.33	24.31		
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0
20	QPSK	50	28	24.18	24.32	24.18	25.2	0.0
20	QPSK	50	56	23.96	23.38	23.25	24.2	1.0
20	QPSK	100	0	23.24	23.39	23.29		
20	16QAM	1	1	23.33	23.35	23.30	24.2	1.0
20	64QAM	1	1	21.65	21.77	21.75	22.7	2.5
20	256QAM	1	1	19.89	19.92	19.86	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.42	24.49	24.36	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.43	24.43	24.32	25.2	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.39	23.42	23.28	24.3	0.0
20	PI/2 BPSK	1	53	23.27	23.39	23.30		
20	PI/2 BPSK	1	104	23.31	23.41	23.28		
20	PI/2 BPSK	50	0	22.88	22.92	22.79	23.8	0.5
20	PI/2 BPSK	50	28	23.33	23.39	23.26	24.3	0.0
20	PI/2 BPSK	50	56	22.85	22.97	22.85	23.8	0.5
20	PI/2 BPSK	100	0	22.80	22.94	22.90		
20	QPSK	1	1	23.40	23.45	23.43	24.3	0.0
20	QPSK	1	53	23.24	23.37	23.33		
20	QPSK	1	104	23.28	23.42	23.27		
20	QPSK	50	0	22.40	22.45	22.30	23.3	1.0
20	QPSK	50	28	23.31	23.36	23.23	24.3	0.0
20	QPSK	50	56	22.40	22.45	22.37	23.3	1.0
20	QPSK	100	0	22.32	22.39	22.28		
20	16QAM	1	1	22.38	22.45	22.33	23.3	1.0
20	64QAM	1	1	20.90	20.91	20.76	21.8	2.5
20	256QAM	1	1	18.91	18.96	18.95	19.8	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.32	23.33	23.38	24.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.38	23.35	23.40	24.3	0.0

n30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		19.97		21.4	0.0
10	PI/2 BPSK	1	26		20.11			
10	PI/2 BPSK	1	50		20.04			
10	PI/2 BPSK	25	0		19.97		21.4	0.0
10	PI/2 BPSK	25	14		20.08		21.4	0.0
10	PI/2 BPSK	25	27		20.04		21.4	0.0
10	PI/2 BPSK	50	0		19.98			
10	QPSK	1	1		20.12		21.4	0.0
10	QPSK	1	26		19.97			
10	QPSK	1	50		20.05			
10	QPSK	25	0		19.98		21.4	0.0
10	QPSK	25	14		20.08		21.4	0.0
10	QPSK	25	27		19.95			
10	QPSK	50	0		20.05		21.4	0.0
10	16QAM	1	1		19.97		21.4	0.0
10	64QAM	1	1		20.08		21.4	0.0
10	256QAM	1	1		18.49		19.9	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	20.04	20.11	20.00	21.4	0.0

n30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.27		19.4	0.0
10	PI/2 BPSK	1	26		18.21			
10	PI/2 BPSK	1	50		18.21			
10	PI/2 BPSK	25	0		18.21		19.4	0.0
10	PI/2 BPSK	25	14		18.27		19.4	0.0
10	PI/2 BPSK	25	27		18.23			
10	PI/2 BPSK	50	0		18.32		19.4	0.0
10	QPSK	1	1		18.33			
10	QPSK	1	26		18.27		19.4	0.0
10	QPSK	1	50		18.18			
10	QPSK	25	0		18.21		19.4	0.0
10	QPSK	25	14		18.28		19.4	0.0
10	QPSK	25	27		18.15			
10	QPSK	50	0		18.26		19.4	0.0
10	16QAM	1	1		18.31		19.4	0.0
10	64QAM	1	1		18.32		19.4	0.0
10	256QAM	1	1		16.83		17.9	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.24	18.22	18.29	19.4	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.95	18.99	18.95	20.2	0.0
40	PI/2 BPSK	1	108	18.82	19.04	18.86		
40	PI/2 BPSK	1	214	18.93	18.92	18.87		
40	PI/2 BPSK	108	0	18.92	18.91	18.95	20.2	0.0
40	PI/2 BPSK	108	54	18.90	19.00	18.99	20.2	0.0
40	PI/2 BPSK	108	108	18.83	19.00	18.91	20.2	0.0
40	PI/2 BPSK	216	0	18.86	18.97	18.98		
40	QPSK	1	1	18.96	19.06	19.01	20.2	0.0
40	QPSK	1	108	18.95	19.04	18.93		
40	QPSK	1	214	18.86	18.94	18.99		
40	QPSK	108	0	18.76	19.02	18.94	20.2	0.0
40	QPSK	108	54	18.88	19.04	18.97	20.2	0.0
40	QPSK	108	108	18.76	19.03	18.92	20.2	0.0
40	QPSK	216	0	18.83	18.99	18.94		
40	16QAM	1	1	18.86	18.96	18.86	20.2	0.0
40	64QAM	1	1	18.90	18.97	18.91	20.2	0.0
40	256QAM	1	1	18.86	18.93	18.86	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.81	18.91	18.86	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.92	19.00	18.87	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.82	18.91	18.88	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.93	19.01	18.96	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.87	19.04	18.88	20.2	0.0

n66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.37	18.50	18.27	19.7	0.0
40	PI/2 BPSK	1	108	18.44	18.39	18.37		
40	PI/2 BPSK	1	214	18.36	18.43	18.30		
40	PI/2 BPSK	108	0	18.44	18.40	18.37	19.7	0.0
40	PI/2 BPSK	108	54	18.47	18.40	18.33	19.7	0.0
40	PI/2 BPSK	108	108	18.48	18.38	18.38	19.7	0.0
40	PI/2 BPSK	216	0	18.44	18.48	18.37		
40	QPSK	1	1	18.50	18.53	18.42	19.7	0.0
40	QPSK	1	108	18.44	18.48	18.35		
40	QPSK	1	214	18.37	18.51	18.38		
40	QPSK	108	0	18.46	18.46	18.24	19.7	0.0
40	QPSK	108	54	18.47	18.52	18.34	19.7	0.0
40	QPSK	108	108	18.46	18.39	18.28	19.7	0.0
40	QPSK	216	0	18.39	18.45	18.33		
40	16QAM	1	1	18.47	18.46	18.35	19.7	0.0
40	64QAM	1	1	18.40	18.48	18.34	19.7	0.0
40	256QAM	1	1	17.71	17.77	17.69	19.2	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.35	18.51	18.31	19.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.35	18.52	18.37	19.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.43	18.48	18.29	19.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.36	18.38	18.29	19.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.40	18.44	18.29	19.7	0.0

n66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.56	20.67	20.67	21.7	0.0
40	PI/2 BPSK	1	108	20.66	20.73	20.70		
40	PI/2 BPSK	1	214	20.63	20.68	20.67		
40	PI/2 BPSK	108	0	20.63	20.69	20.59	21.7	0.0
40	PI/2 BPSK	108	54	20.70	20.64	20.59	21.7	0.0
40	PI/2 BPSK	108	108	20.56	20.71	20.58	21.7	0.0
40	PI/2 BPSK	216	0	20.58	20.70	20.66		
40	QPSK	1	1	20.71	20.79	20.72	21.7	0.0
40	QPSK	1	108	20.58	20.76	20.60		
40	QPSK	1	214	20.57	20.70	20.68		
40	QPSK	108	0	20.54	20.63	20.67	21.7	0.0
40	QPSK	108	54	20.66	20.74	20.71	21.7	0.0
40	QPSK	108	108	20.58	20.82	20.62	21.7	0.0
40	QPSK	216	0	20.65	20.67	20.66		
40	16QAM	1	1	20.67	20.73	20.63	21.7	0.0
40	64QAM	1	1	20.68	20.69	20.67	21.7	0.0
40	256QAM	1	1	19.31	19.37	19.25	20.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.60	20.72	20.60	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.62	20.69	20.68	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.69	20.71	20.66	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.66	20.67	20.64	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.69	20.65	20.60	21.7	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.60	16.82	16.82	18.2	0.0
40	PI/2 BPSK	1	108	16.60	16.78	16.75		
40	PI/2 BPSK	1	214	16.61	16.78	16.85		
40	PI/2 BPSK	108	0	16.55	16.82	16.78	18.2	0.0
40	PI/2 BPSK	108	54	16.53	16.78	16.83	18.2	0.0
40	PI/2 BPSK	108	108	16.56	16.84	16.84	18.2	0.0
40	PI/2 BPSK	216	0	16.62	16.79	16.73		
40	QPSK	1	1	16.66	16.88	16.87	18.2	0.0
40	QPSK	1	108	16.58	16.77	16.86		
40	QPSK	1	214	16.64	16.77	16.77		
40	QPSK	108	0	16.64	16.75	16.77	18.2	0.0
40	QPSK	108	54	16.65	16.83	16.80	18.2	0.0
40	QPSK	108	108	16.53	16.73	16.68	18.2	0.0
40	QPSK	216	0	16.63	16.80	16.75		
40	16QAM	1	1	16.59	16.73	16.80	18.2	0.0
40	64QAM	1	1	16.51	16.85	16.76	18.2	0.0
40	256QAM	1	1	16.58	16.79	16.81	18.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.77	16.75	16.79	18.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.85	16.74	16.79	18.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.77	16.81	16.81	18.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.80	16.83	16.80	18.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.74	16.83	16.75	18.2	0.0

n71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.17	22.21	22.20	24.7	0.0
20	PI/2 BPSK	1	53	22.33	22.39	22.29		
20	PI/2 BPSK	1	104	22.25	22.34	22.24		
20	PI/2 BPSK	50	0	22.22	22.32	22.22	24.7	0.0
20	PI/2 BPSK	50	28	22.13	22.24	22.10	24.7	0.0
20	PI/2 BPSK	50	56	22.21	22.27	22.20	24.7	0.0
20	PI/2 BPSK	100	0	22.28	22.33	22.18		
20	QPSK	1	1	23.85	23.88	23.76	24.7	0.0
20	QPSK	1	53	23.82	23.84	23.71		
20	QPSK	1	104	23.80	23.81	23.73		
20	QPSK	50	0	22.77	22.91	22.88	23.7	1.0
20	QPSK	50	28	23.72	23.86	23.79	24.7	0.0
20	QPSK	50	56	22.74	22.81	22.68	23.7	1.0
20	QPSK	100	0	22.78	22.89	22.77		
20	16QAM	1	1	22.68	22.73	22.70	23.7	1.0
20	64QAM	1	1	21.11	21.23	21.16	22.2	2.5
20	256QAM	1	1	19.14	19.24	19.23	20.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.84	23.77	23.74	24.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.76	23.75	24.7	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.40	21.52	21.44	23.8	0.0
20	PI/2 BPSK	1	53	21.49	21.61	21.46		
20	PI/2 BPSK	1	104	21.41	21.56	21.48		
20	PI/2 BPSK	50	0	21.37	21.49	21.35	23.8	0.0
20	PI/2 BPSK	50	28	21.53	21.59	21.51	23.8	0.0
20	PI/2 BPSK	50	56	21.46	21.60	21.51	23.8	0.0
20	PI/2 BPSK	100	0	21.49	21.51	21.41		
20	QPSK	1	1	23.08	23.09	22.98	23.8	0.0
20	QPSK	1	53	22.92	23.01	22.87		
20	QPSK	1	104	22.93	23.06	22.92		
20	QPSK	50	0	22.07	22.08	22.01	22.8	1.0
20	QPSK	50	28	23.06	23.07	22.97	23.8	0.0
20	QPSK	50	56	22.10	22.11	21.96	22.8	1.0
20	QPSK	100	0	22.03	22.12	21.99		
20	16QAM	1	1	21.91	21.92	21.91	22.8	1.0
20	64QAM	1	1	20.43	20.54	20.51	21.3	2.5
20	256QAM	1	1	18.44	18.57	18.52	19.3	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.99	23.04	22.95	23.8	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	23.03	22.94	23.8	0.0

n38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.18	16.23	16.07		
40	PI/2 BPSK	1	53	16.13	16.31	15.99	17.7	0.0
40	PI/2 BPSK	1	104	16.18	16.22	16.00		
40	PI/2 BPSK	50	0	16.05	16.29	16.01	17.7	0.0
40	PI/2 BPSK	50	28	16.13	16.20	16.09	17.7	0.0
40	PI/2 BPSK	50	56	16.11	16.25	16.03		
40	PI/2 BPSK	100	0	16.14	16.28	16.01	17.7	0.0
40	QPSK	1	1	16.19	16.35	16.14		
40	QPSK	1	53	16.16	16.22	16.07	17.7	0.0
40	QPSK	1	104	16.15	16.31	16.03		
40	QPSK	50	0	16.02	16.16	16.00	17.7	0.0
40	QPSK	50	28	16.11	16.28	16.13	17.7	0.0
40	QPSK	50	56	15.99	16.13	16.10	17.7	0.0
40	QPSK	100	0	16.03	16.21	16.08		
40	16QAM	1	1	16.07	16.31	16.09	17.7	0.0
40	64QAM	1	1	16.05	16.30	16.10	17.7	0.0
40	256QAM	1	1	16.06	16.29	16.02	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.14	16.23	16.12	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.11	16.27	16.07	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.04	16.28	16.07	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.18	16.31	16.11	17.7	0.0

n38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.94	17.07	16.84		
40	PI/2 BPSK	1	53	17.02	16.98	16.81	17.7	0.0
40	PI/2 BPSK	1	104	16.97	16.95	16.88		
40	PI/2 BPSK	50	0	17.00	17.01	16.80	17.7	0.0
40	PI/2 BPSK	50	28	17.00	17.01	16.86	17.7	0.0
40	PI/2 BPSK	50	56	17.00	16.95	16.90	17.7	0.0
40	PI/2 BPSK	100	0	16.90	17.03	16.91		
40	QPSK	1	1	17.05	17.10	16.92		
40	QPSK	1	53	16.97	16.95	16.86	17.7	0.0
40	QPSK	1	104	16.98	17.04	16.90		
40	QPSK	50	0	16.92	17.06	16.86	17.7	0.0
40	QPSK	50	28	16.98	17.09	16.88	17.7	0.0
40	QPSK	50	56	16.84	17.07	16.81	17.7	0.0
40	QPSK	100	0	16.95	17.04	16.85		
40	16QAM	1	1	17.00	17.09	16.88	17.7	0.0
40	64QAM	1	1	16.99	16.96	16.91	17.7	0.0
40	256QAM	1	1	16.97	17.06	16.80	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.97	17.05	16.77	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.93	17.05	16.79	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.93	17.06	16.84	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.92	16.97	16.91	17.7	0.0

n38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.62	16.61		
40	PI/2 BPSK	1	53	16.57	16.65	16.52	17.7	0.0
40	PI/2 BPSK	1	104	16.61	16.62	16.51		
40	PI/2 BPSK	50	0	16.61	16.60	16.54	17.7	0.0
40	PI/2 BPSK	50	28	16.49	16.65	16.57	17.7	0.0
40	PI/2 BPSK	50	56	16.60	16.66	16.48	17.7	0.0
40	PI/2 BPSK	100	0	16.54	16.61	16.61		
40	QPSK	1	1	16.62	16.68	16.63		
40	QPSK	1	53	16.57	16.58	16.51	17.7	0.0
40	QPSK	1	104	16.52	16.62	16.53		
40	QPSK	50	0	16.48	16.56	16.52	17.7	0.0
40	QPSK	50	28	16.58	16.60	16.56	17.7	0.0
40	QPSK	50	56	16.48	16.55	16.41	17.7	0.0
40	QPSK	100	0	16.52	16.54	16.49		
40	16QAM	1	1	16.56	16.54	16.60	17.7	0.0
40	64QAM	1	1	16.48	16.57	16.61	17.7	0.0
40	256QAM	1	1	16.58	16.56	16.52	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.65	16.55	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.51	16.55	16.55	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.59	16.63	16.54	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.50	16.61	16.55	17.7	0.0

n38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.32	16.34	16.38		
40	PI/2 BPSK	1	53	16.35	16.40	16.35	17.2	0.0
40	PI/2 BPSK	1	104	16.32	16.39	16.37		
40	PI/2 BPSK	50	0	16.38	16.44	16.37	17.2	0.0
40	PI/2 BPSK	50	28	16.28	16.38	16.31	17.2	0.0
40	PI/2 BPSK	50	56	16.30	16.33	16.24	17.2	0.0
40	PI/2 BPSK	100	0	16.37	16.41	16.36		
40	QPSK	1	1	16.40	16.46	16.39		
40	QPSK	1	53	16.30	16.31	16.27	17.2	0.0
40	QPSK	1	104	16.38	16.45	16.24		
40	QPSK	50	0	16.28	16.40	16.29	17.2	0.0
40	QPSK	50	28	16.36	16.45	16.31	17.2	0.0
40	QPSK	50	56	16.33	16.30	16.19	17.2	0.0
40	QPSK	100	0	16.33	16.40	16.30		
40	16QAM	1	1	16.30	16.34	16.27	17.2	0.0
40	64QAM	1	1	16.31	16.35	16.30	17.2	0.0
40	256QAM	1	1	16.38	16.42	16.38	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.25	16.45	16.36	17.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.31	16.40	16.30	17.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.37	16.37	16.33	17.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.34	16.37	16.28	17.2	0.0

FCC_n41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.25	16.35	16.42		
100	PI/2 BPSK	1	137	16.28	16.32	16.31	17.7	0.0
100	PI/2 BPSK	1	271	16.32	16.42	16.44		
100	PI/2 BPSK	135	0	16.33	16.32	16.44	17.7	0.0
100	PI/2 BPSK	135	69	16.32	16.45	16.45	17.7	0.0
100	PI/2 BPSK	135	138	16.30	16.42	16.41	17.7	0.0
100	PI/2 BPSK	270	0	16.29	16.41	16.45		
100	QPSK	1	1	16.39	16.47	16.46		
100	QPSK	1	137	16.32	16.44	16.43	17.7	0.0
100	QPSK	1	271	16.38	16.39	16.35		
100	QPSK	135	0	16.29	16.43	16.27	17.7	0.0
100	QPSK	135	69	16.38	16.46	16.41	17.7	0.0
100	QPSK	135	138	16.32	16.37	16.36	17.7	0.0
100	QPSK	270	0	16.36	16.41	16.39		
100	16QAM	1	1	16.27	16.35	16.39	17.7	0.0
100	64QAM	1	1	16.28	16.34	16.43	17.7	0.0
100	256QAM	1	1	16.36	16.35	16.31	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.33	16.39	16.35	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.39	16.39	16.39	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.33	16.37	16.32	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.34	16.42	16.42	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.45	16.42	16.37	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.45	16.44	16.32	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.43	16.32	16.44	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.35	16.38	16.35	17.7	0.0

FCC_n41_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.25	16.35	16.42		
100	PI/2 BPSK	1	137	16.28	16.32	16.31	17.7	0.0
100	PI/2 BPSK	1	271	16.32	16.42	16.44		
100	PI/2 BPSK	135	0	16.33	16.32	16.44	17.7	0.0
100	PI/2 BPSK	135	69	16.32	16.45	16.45	17.7	0.0
100	PI/2 BPSK	135	138	16.30	16.42	16.41	17.7	0.0
100	PI/2 BPSK	270	0	16.29	16.41	16.45		
100	QPSK	1	1	16.39	16.47	16.46		
100	QPSK	1	137	16.32	16.44	16.43	17.7	0.0
100	QPSK	1	271	16.38	16.39	16.35		
100	QPSK	135	0	16.29	16.43	16.27	17.7	0.0
100	QPSK	135	69	16.38	16.46	16.41	17.7	0.0
100	QPSK	135	138	16.32	16.37	16.36	17.7	0.0
100	QPSK	270	0	16.36	16.41	16.39		
100	16QAM	1	1	16.27	16.35	16.39	17.7	0.0
100	64QAM	1	1	16.28	16.34	16.43	17.7	0.0
100	256QAM	1	1	16.36	16.35	16.31	17.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.33	16.39	16.35	17.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.39	16.39	16.39	17.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.33	16.37	16.32	17.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.34	16.42	16.42	17.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.45	16.42	16.37	17.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.45	16.44	16.32	17.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.43	16.32	16.44	17.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.35	16.38	16.35	17.7	0.0

FCC_n41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.21	16.43	16.41		
100	PI/2 BPSK	1	137	16.21	16.48	16.42	17.2	0.0
100	PI/2 BPSK	1	271	16.18	16.48	16.46		
100	PI/2 BPSK	135	0	16.13	16.46	16.42	17.2	0.0
100	PI/2 BPSK	135	69	16.21	16.45	16.35	17.2	0.0
100	PI/2 BPSK	135	138	16.17	16.50	16.39	17.2	0.0
100	PI/2 BPSK	270	0	16.19	16.43	16.46		
100	QPSK	1	1	16.23	16.55	16.50		
100	QPSK	1	137	16.20	16.52	16.47	17.2	0.0
100	QPSK	1	271	16.14	16.40	16.45		
100	QPSK	135	0	16.06	16.45	16.36	17.2	0.0
100	QPSK	135	69	16.17	16.54	16.43	17.2	0.0
100	QPSK	135	138	16.02	16.44	16.39	17.2	0.0
100	QPSK	270	0	16.09	16.46	16.40		
100	16QAM	1	1	16.12	16.49	16.36	17.2	0.0
100	64QAM	1	1	16.17	16.41	16.49	17.2	0.0
100	256QAM	1	1	16.14	16.49	16.43	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.09	16.41	16.38	17.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.15	16.52	16.38	17.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.22	16.43	16.41	17.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.09	16.54	16.40	17.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.17	16.44	16.35	17.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.11	16.53	16.36	17.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.11	16.53	16.37	17.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.15	16.41	16.42	17.2	0.0

FCC_n41_Ant 6 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.21	16.43	16.41		
100	PI/2 BPSK	1	137	16.21	16.48	16.42	17.2	0.0
100	PI/2 BPSK	1	271	16.18	16.48	16.46		
100	PI/2 BPSK	135	0	16.13	16.46	16.42	17.2	0.0
100	PI/2 BPSK	135	69	16.21	16.45	16.35	17.2	0.0
100	PI/2 BPSK	135	138	16.17	16.50	16.39	17.2	0.0
100	PI/2 BPSK	270	0	16.19	16.43	16.46		
100	QPSK	1	1	16.23	16.55	16.50		
100	QPSK	1	137	16.20	16.52	16.47	17.2	0.0
100	QPSK	1	271	16.14	16.40	16.45		
100	QPSK	135	0	16.06	16.45	16.36	17.2	0.0
100	QPSK	135	69	16.17	16.54	16.43	17.2	0.0
100	QPSK	135	138	16.02	16.44	16.39	17.2	0.0
100	QPSK	270	0	16.09	16.46	16.40		
100	16QAM	1	1	16.12	16.49	16.36	17.2	0.0
100	64QAM	1	1	16.17	16.41	16.49	17.2	0.0
100	256QAM	1	1	16.14	16.49	16.43	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.09	16.41	16.38	17.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.15	16.52	16.38	17.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.22	16.43	16.41	17.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.09	16.54	16.40	17.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.17	16.44	16.35	17.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.11	16.53	16.36	17.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.11	16.53	16.37	17.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.15	16.41	16.42	17.2	0.0

FCC_n41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.54	17.73	17.65		
100	PI/2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	PI/2 BPSK	1	271	17.44	17.69	17.72		
100	PI/2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	PI/2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	PI/2 BPSK	135	138	17.49	17.71	17.61	18.7	0.0
100	PI/2 BPSK	270	0	17.51	17.67	17.64		
100	QPSK	1	1	17.58	17.79	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.53	17.74	17.70	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59	18.7	0.0
100	QPSK	270	0	17.48	17.68	17.63		
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.53	17.67	17.72	18.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	17.51	17.69	17.61	18.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	17.47	17.75	17.71	18.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	17.47	17.71	17.60	18.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	17.47	17.65	17.65	18.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	17.57	17.78	17.73	18.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	17.43	17.69	17.62	18.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	17.45	17.66	17.72	18.7	0.0

FCC_n41_Ant 5 HPUE

BW [MHz]	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	17.54	17.73	17.65		
100	PI/2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	PI/2 BPSK	1	271	17.44	17.69	17.72		
100	PI/2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	PI/2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	PI/2 BPSK	135	138	17.49	17.71	17.61	18.7	0.0
100	PI/2 BPSK	270	0	17.51	17.67	17.64		
100	QPSK	1	1	17.58	17.79	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.53	17.74	17.70	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59	18.7	0.0
100	QPSK	270	0	17.48	17.68	17.63		
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	18.7	0.0
90	QPSK	1	1	17.53	17.67	17.72		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	18.7	0.0
80	QPSK	1	1	17.51	17.69	17.61		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	18.7	0.0
70	QPSK	1	1	17.47	17.75	17.71		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	18.7	0.0
60	QPSK	1	1	17.47	17.71	17.60		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	18.7	0.0
50	QPSK	1	1	17.47	17.65	17.65		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	18.7	0.0
40	QPSK	1	1	17.57	17.78	17.73		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	18.7	0.0
30	QPSK	1	1	17.43	17.69	17.62		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	18.7	0.0
20	QPSK	1	1	17.45	17.66	17.72		

FCC_n41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.70	15.95	15.69		
100	PI/2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI/2 BPSK	1	271	15.80	15.86	15.72		
100	PI/2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI/2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI/2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0
100	PI/2 BPSK	270	0	15.76	15.90	15.75		
100	QPSK	1	1	15.83	15.98	15.84		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0
100	QPSK	270	0	15.72	15.92	15.73		
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	16.7	0.0
90	QPSK	1	1	15.75	15.96	15.72		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	16.7	0.0
80	QPSK	1	1	15.76	15.91	15.74		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	16.7	0.0
70	QPSK	1	1	15.81	15.95	15.70		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	16.7	0.0
60	QPSK	1	1	15.78	15.95	15.69		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	16.7	0.0
50	QPSK	1	1	15.73	15.89	15.77		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	16.7	0.0
40	QPSK	1	1	15.74	15.87	15.71		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	16.7	0.0
30	QPSK	1	1	15.74	15.92	15.80		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	16.7	0.0
20	QPSK	1	1	15.77	15.90	15.83		

FCC_n41_Ant 0 HPUE

BW [MHz]	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	529000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.70	15.95	15.69		
100	PI/2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI/2 BPSK	1	271	15.80	15.86	15.72		
100	PI/2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI/2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI/2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0
100	PI/2 BPSK	270	0	15.76	15.90	15.75		
100	QPSK	1	1	15.83	15.98	15.84		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0
100	QPSK	270	0	15.72	15.92	15.73		
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	16.7	0.0
90	QPSK	1	1	15.75	15.96	15.72		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	16.7	0.0
80	QPSK	1	1	15.76	15.91	15.74		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	16.7	0.0
70	QPSK	1	1	15.81	15.95	15.70		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	16.7	0.0
60	QPSK	1	1	15.78	15.95	15.69		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	16.7	0.0
50	QPSK	1	1	15.73	15.89	15.77		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	16.7	0.0
40	QPSK	1	1	15.74	15.87	15.71		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	16.7	0.0
30	QPSK	1	1	15.74	15.92	15.80		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	16.7	0.0
20	QPSK	1	1	15.77	15.90	15.83		

n48_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.59	16.51	16.54	17.7	0.0
40	PI/2 BPSK	1	53	16.51	16.55	16.54		
40	PI/2 BPSK	1	104	16.47	16.50	16.58		
40	PI/2 BPSK	50	0	16.58	16.60	16.63	17.7	0.0
40	PI/2 BPSK	50	28	16.56	16.55	16.55	17.7	0.0
40	PI/2 BPSK	50	56	16.55	16.52	16.55		
40	PI/2 BPSK	100	0	16.47	16.60	16.59	17.7	0.0
40	QPSK	1	1	16.60	16.65	16.64		
40	QPSK	1	53	16.55	16.50	16.63	17.7	0.0
40	QPSK	1	104	16.55	16.54	16.50		
40	QPSK	50	0	16.39	16.48	16.51	17.7	0.0
40	QPSK	50	28	16.54	16.60	16.59	17.7	0.0
40	QPSK	50	56	16.40	16.49	16.53	17.7	0.0
40	QPSK	100	0	16.48	16.58	16.53		
40	16QAM	1	1	16.52	16.63	16.62	17.7	0.0
40	64QAM	1	1	16.49	16.61	16.53	17.7	0.0
40	256QAM	1	1	16.47	16.53	16.50	17.7	0.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	16.49	16.55	16.60	17.7	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	16.48	16.57	16.58	17.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	16.54	16.60	16.63	17.7	0.0

n48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.75	16.88	16.72	17.8	0.0
40	PI/2 BPSK	1	53	16.84	16.84	16.78		
40	PI/2 BPSK	1	104	16.76	16.82	16.70		
40	PI/2 BPSK	50	0	16.87	16.80	16.72	17.8	0.0
40	PI/2 BPSK	50	28	16.74	16.86	16.68	17.8	0.0
40	PI/2 BPSK	50	56	16.86	16.93	16.73	17.8	0.0
40	PI/2 BPSK	100	0	16.85	16.81	16.76		
40	QPSK	1	1	16.89	16.94	16.79		
40	QPSK	1	53	16.87	16.87	16.77	17.8	0.0
40	QPSK	1	104	16.75	16.86	16.69		
40	QPSK	50	0	16.68	16.74	16.77	17.8	0.0
40	QPSK	50	28	16.82	16.86	16.78	17.8	0.0
40	QPSK	50	56	16.69	16.73	16.73	17.8	0.0
40	QPSK	100	0	16.78	16.85	16.76		
40	16QAM	1	1	16.81	16.80	16.76	17.8	0.0
40	64QAM	1	1	16.86	16.81	16.68	17.8	0.0
40	256QAM	1	1	16.84	16.83	16.65	17.8	0.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	16.76	16.80	16.73	17.8	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	16.83	16.86	16.72	17.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	16.78	16.89	16.65	17.8	0.0

n48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.37	16.37	16.41	17.2	0.0
40	PI/2 BPSK	1	53	16.41	16.38	16.49		
40	PI/2 BPSK	1	104	16.39	16.40	16.38		
40	PI/2 BPSK	50	0	15.30	15.40	15.29	17.2	0.0
40	PI/2 BPSK	50	28	16.36	16.43	16.36	17.2	0.0
40	PI/2 BPSK	50	56	15.31	15.32	15.23	17.2	0.0
40	PI/2 BPSK	100	0	15.29	15.38	15.35		
40	QPSK	1	1	16.47	16.50	16.48		
40	QPSK	1	53	16.43	16.43	16.46	17.2	0.0
40	QPSK	1	104	16.40	16.40	16.45		
40	QPSK	50	0	16.24	16.40	16.35	17.2	0.0
40	QPSK	50	28	16.39	16.48	16.41	17.2	0.0
40	QPSK	50	56	16.28	16.47	16.26	17.2	0.0
40	QPSK	100	0	16.43	16.47	16.37		
40	16QAM	1	1	16.43	16.41	16.49	17.2	0.0
40	64QAM	1	1	16.29	16.38	16.38	17.2	0.0
40	256QAM	1	1	15.76	15.90	15.82	16.7	0.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	16.37	16.41	16.41	17.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	16.46	16.45	16.43	17.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	16.38	16.49	16.40	17.2	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.65	18.68	18.58	20.2	0.0
40	PI/2 BPSK	1	53	18.56	18.73	18.54		
40	PI/2 BPSK	1	104	18.61	18.64	18.56		
40	PI/2 BPSK	50	0	16.60	16.81	16.80	17.7	2.5
40	PI/2 BPSK	50	28	18.64	18.65	18.54	20.2	0.0
40	PI/2 BPSK	50	56	16.64	16.76	16.79	17.7	2.5
40	PI/2 BPSK	100	0	16.60	16.66	16.62		
40	QPSK	1	1	18.73	18.78	18.66	20.2	0.0
40	QPSK	1	53	18.41	18.61	18.43		
40	QPSK	1	104	18.54	18.74	18.58		
40	QPSK	50	0	16.11	16.28	16.13	17.7	2.5
40	QPSK	50	28	18.54	18.66	18.60	20.2	0.0
40	QPSK	50	56	16.10	16.20	16.03	17.7	2.5
40	QPSK	100	0	16.14	16.15	16.01		
40	16QAM	1	1	18.51	18.61	18.49	20.2	0.0
40	64QAM	1	1	17.25	17.22	17.10	18.7	1.5
40	256QAM	1	1	15.02	15.15	15.08	16.7	3.5
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	18.65	18.68	18.58	20.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	18.65	18.68	18.58	20.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	18.65	18.68	18.58	20.2	0.0

Part27Q_n77_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.23		19.2	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.17			
100	PI/2 BPSK	135	0		18.21		19.2	0.0
100	PI/2 BPSK	135	69		18.23		19.2	0.0
100	PI/2 BPSK	135	138		18.17		19.2	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.29		19.2	0.0
100	QPSK	1	137		18.24			
100	QPSK	1	271		18.20			
100	QPSK	135	0		18.20		19.2	0.0
100	QPSK	135	69		18.24		19.2	0.0
100	QPSK	135	138		18.20		19.2	0.0
100	QPSK	270	0		18.21			
100	16QAM	1	1		18.19		19.2	0.0
100	64QAM	1	1		18.24		19.2	0.0
100	256QAM	1	1		18.22		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.26	18.23	18.21	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.20	18.22	18.15	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.18	18.17	18.27	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.21	18.19	18.18	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.24	18.18	18.17	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.25	18.16	18.16	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.20	18.17	18.16	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.17	18.25	18.19	19.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.28	18.20	18.26	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.15	18.17	18.17	19.2	0.0

Part27O_n77_Ant 9

BW [MHz]	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	18.14	18.27	18.16	19.2	0.0
100	PI/2 BPSK	1	137	18.19	18.29	18.13		
100	PI/2 BPSK	1	271	18.18	18.31	18.17		
100	PI/2 BPSK	135	0	18.27	18.22	18.10	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.18	18.21	19.2	0.0
100	PI/2 BPSK	135	138	18.26	18.18	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.24	18.30	18.13		
100	QPSK	1	1	18.29	18.32	18.23	19.2	0.0
100	QPSK	1	137	18.17	18.21	18.21		
100	QPSK	1	271	18.16	18.21	18.17		
100	QPSK	135	0	18.22	18.15	18.17	19.2	0.0
100	QPSK	135	69	18.23	18.25	18.20	19.2	0.0
100	QPSK	135	138	18.18	18.17	18.06	19.2	0.0
100	QPSK	270	0	18.20	18.24	18.15		
100	16QAM	1	1	18.18	18.25	18.16	19.2	0.0
100	64QAM	1	1	18.14	18.21	18.17	19.2	0.0
100	256QAM	1	1	18.20	18.18	18.14	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.25	18.19	18.19	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.22	18.27	18.19	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.19	18.21	18.12	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.21	18.22	18.16	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.24	18.19	18.16	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.16	18.30	18.14	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.15	18.20	18.19	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.27	18.30	18.14	19.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.17	18.20	18.12	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.27	18.24	18.22	19.2	0.0

Part27Q_n77_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.23			
100	PI/2 BPSK	1	137		18.14		19.2	0.0
100	PI/2 BPSK	1	271		18.17			
100	PI/2 BPSK	135	0		18.21		19.2	0.0
100	PI/2 BPSK	135	69		18.23		19.2	0.0
100	PI/2 BPSK	135	138		18.17		19.2	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.29			
100	QPSK	1	137		18.24		19.2	0.0
100	QPSK	1	271		18.20			
100	QPSK	135	0		18.20		19.2	0.0
100	QPSK	135	69		18.24		19.2	0.0
100	QPSK	135	138		18.20			
100	QPSK	270	0		18.21		19.2	0.0
100	16QAM	1	1		18.19		19.2	0.0
100	64QAM	1	1		18.24		19.2	0.0
100	256QAM	1	1		18.22		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	19.2	0.0
90	QPSK	1	1	18.26	18.23	18.21		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	19.2	0.0
80	QPSK	1	1	18.20	18.22	18.15		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	19.2	0.0
70	QPSK	1	1	18.18	18.17	18.27		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	19.2	0.0
60	QPSK	1	1	18.21	18.19	18.18		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	19.2	0.0
50	QPSK	1	1	18.24	18.18	18.17		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	19.2	0.0
40	QPSK	1	1	18.25	18.16	18.16		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	19.2	0.0
30	QPSK	1	1	18.20	18.17	18.16		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	19.2	0.0
20	QPSK	1	1	18.17	18.25	18.19		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	19.2	0.0
15	QPSK	1	1	18.28	18.20	18.26		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	19.2	0.0
10	QPSK	1	1	18.15	18.17	18.17		

Part27O_n77_Ant 9 HPUE

BW [MHz]	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	18.14	18.27	18.16		
100	PI/2 BPSK	1	137	18.19	18.29	18.13	19.2	0.0
100	PI/2 BPSK	1	271	18.18	18.31	18.17		
100	PI/2 BPSK	135	0	18.27	18.22	18.10	19.2	0.0
100	PI/2 BPSK	135	69	18.22	18.18	18.21	19.2	0.0
100	PI/2 BPSK	135	138	18.26	18.18	18.18	19.2	0.0
100	PI/2 BPSK	270	0	18.24	18.30	18.13		
100	QPSK	1	1	18.29	18.32	18.23		
100	QPSK	1	137	18.17	18.21	18.21	19.2	0.0
100	QPSK	1	271	18.16	18.21	18.17		
100	QPSK	135	0	18.22	18.15	18.17	19.2	0.0
100	QPSK	135	69	18.23	18.25	18.20	19.2	0.0
100	QPSK	135	138	18.18	18.17	18.06	19.2	0.0
100	QPSK	270	0	18.20	18.24	18.15		
100	16QAM	1	1	18.18	18.25	18.16	19.2	0.0
100	64QAM	1	1	18.14	18.21	18.17	19.2	0.0
100	256QAM	1	1	18.20	18.18	18.14	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	19.2	0.0
90	QPSK	1	1	18.25	18.19	18.19		
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	19.2	0.0
80	QPSK	1	1	18.22	18.27	18.19		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	19.2	0.0
70	QPSK	1	1	18.19	18.21	18.12		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	19.2	0.0
60	QPSK	1	1	18.21	18.22	18.16		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	19.2	0.0
50	QPSK	1	1	18.24	18.19	18.16		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	19.2	0.0
40	QPSK	1	1	18.16	18.30	18.14		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	19.2	0.0
30	QPSK	1	1	18.15	18.20	18.19		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	19.2	0.0
20	QPSK	1	1	18.27	18.30	18.14		
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	19.2	0.0
15	QPSK	1	1	18.17	18.20	18.12		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	19.2	0.0
10	QPSK	1	1	18.27	18.24	18.22		

Part27Q_n77_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.44			
100	PI/2 BPSK	1	137		18.51		19.3	0.0
100	PI/2 BPSK	1	271		18.51			
100	PI/2 BPSK	135	0		18.44		19.3	0.0
100	PI/2 BPSK	135	69		18.45		19.3	0.0
100	PI/2 BPSK	135	138		18.38		19.3	0.0
100	PI/2 BPSK	270	0		18.45			
100	QPSK	1	1		18.52			
100	QPSK	1	137		18.37		19.3	0.0
100	QPSK	1	271		18.42			
100	QPSK	135	0		18.38		19.3	0.0
100	QPSK	135	69		18.44		19.3	0.0
100	QPSK	135	138		18.40		19.3	0.0
100	QPSK	270	0		18.38			
100	16QAM	1	1		18.51		19.3	0.0
100	64QAM	1	1		18.37		19.3	0.0
100	256QAM	1	1		18.38		19.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	19.3	0.0
90	QPSK	1	1	18.39	18.49	18.43		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	19.3	0.0
80	QPSK	1	1	18.45	18.42	18.40		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	19.3	0.0
70	QPSK	1	1	18.46	18.37	18.43		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	19.3	0.0
60	QPSK	1	1	18.43	18.37	18.46		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	19.3	0.0
50	QPSK	1	1	18.41	18.48	18.50		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	19.3	0.0
40	QPSK	1	1	18.42	18.49	18.43		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	19.3	0.0
30	QPSK	1	1	18.37	18.42	18.48		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	19.3	0.0
20	QPSK	1	1	18.47	18.46	18.44		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	19.3	0.0
15	QPSK	1	1	18.51	18.51	18.44		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	19.3	0.0
10	QPSK	1	1	18.50	18.51	18.40		

Part27O_n77_Ant 8

BW [MHz]	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	18.32	18.45	18.39	19.3	0.0
100	PI/2 BPSK	1	137	18.41	18.54	18.36		
100	PI/2 BPSK	1	271	18.31	18.44	18.36		
100	PI/2 BPSK	135	0	18.39	18.52	18.35	19.3	0.0
100	PI/2 BPSK	135	69	18.35	18.48	18.31	19.3	0.0
100	PI/2 BPSK	135	138	18.33	18.46	18.40		
100	PI/2 BPSK	270	0	18.43	18.56	18.42	19.3	0.0
100	QPSK	1	1	18.44	18.57	18.43		
100	QPSK	1	137	18.38	18.51	18.35	19.3	0.0
100	QPSK	1	271	18.36	18.49	18.32		
100	QPSK	135	0	18.37	18.50	18.32	19.3	0.0
100	QPSK	135	69	18.43	18.56	18.37	19.3	0.0
100	QPSK	135	138	18.33	18.46	18.22	19.3	0.0
100	QPSK	270	0	18.36	18.49	18.31		
100	16QAM	1	1	18.43	18.56	18.35	19.3	0.0
100	64QAM	1	1	18.31	18.44	18.41	19.3	0.0
100	256QAM	1	1	18.33	18.46	18.30	19.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.33	18.46	18.39	19.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.30	18.43	18.33	19.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.43	18.37	19.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.30	18.43	18.36	19.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.30	18.43	18.40	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.32	18.45	18.35	19.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.32	18.45	18.39	19.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.41	18.54	18.37	19.3	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.37	18.50	18.36	19.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.42	18.55	18.29	19.3	0.0

Part27Q_n77_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.44		19.3	0.0
100	PI/2 BPSK	1	137		18.51			
100	PI/2 BPSK	1	271		18.51			
100	PI/2 BPSK	135	0		18.44		19.3	0.0
100	PI/2 BPSK	135	69		18.45		19.3	0.0
100	PI/2 BPSK	135	138		18.38		19.3	0.0
100	PI/2 BPSK	270	0		18.45			
100	QPSK	1	1		18.52		19.3	0.0
100	QPSK	1	137		18.37			
100	QPSK	1	271		18.42			
100	QPSK	135	0		18.38		19.3	0.0
100	QPSK	135	69		18.44		19.3	0.0
100	QPSK	135	138		18.40		19.3	0.0
100	QPSK	270	0		18.38			
100	16QAM	1	1		18.51		19.3	0.0
100	64QAM	1	1		18.37		19.3	0.0
100	256QAM	1	1		18.38		19.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.39	18.49	18.43	19.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.45	18.42	18.40	19.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.46	18.37	18.43	19.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.43	18.37	18.46	19.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.41	18.48	18.50	19.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.42	18.49	18.43	19.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.37	18.42	18.48	19.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.47	18.46	18.44	19.3	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.51	18.51	18.44	19.3	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.50	18.51	18.40	19.3	0.0

Part27O_n77_Ant 8 HPUE

BW [MHz]	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	18.32	18.45	18.39	19.3	0.0
100	PI/2 BPSK	1	137	18.41	18.54	18.36		
100	PI/2 BPSK	1	271	18.31	18.44	18.36		
100	PI/2 BPSK	135	0	18.39	18.52	18.35	19.3	0.0
100	PI/2 BPSK	135	69	18.35	18.48	18.31	19.3	0.0
100	PI/2 BPSK	135	138	18.33	18.46	18.40	19.3	0.0
100	PI/2 BPSK	270	0	18.43	18.56	18.42		
100	QPSK	1	1	18.44	18.57	18.43	19.3	0.0
100	QPSK	1	137	18.38	18.51	18.35		
100	QPSK	1	271	18.36	18.49	18.32		
100	QPSK	135	0	18.37	18.50	18.32	19.3	0.0
100	QPSK	135	69	18.43	18.56	18.37	19.3	0.0
100	QPSK	135	138	18.33	18.46	18.22	19.3	0.0
100	QPSK	270	0	18.36	18.49	18.31		
100	16QAM	1	1	18.43	18.56	18.35	19.3	0.0
100	64QAM	1	1	18.31	18.44	18.41	19.3	0.0
100	256QAM	1	1	18.33	18.46	18.30	19.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.33	18.46	18.39	19.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.30	18.43	18.33	19.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.30	18.43	18.37	19.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.30	18.43	18.36	19.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.30	18.43	18.40	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.32	18.45	18.35	19.3	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.32	18.45	18.39	19.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.41	18.54	18.37	19.3	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.37	18.50	18.36	19.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.42	18.55	18.29	19.3	0.0

Part27Q_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.94			
100	PI/2 BPSK	1	137		15.91		16.5	0.0
100	PI/2 BPSK	1	271		15.96			
100	PI/2 BPSK	135	0		15.96		16.5	0.0
100	PI/2 BPSK	135	69		16.00		16.5	0.0
100	PI/2 BPSK	135	138		15.87		16.5	0.0
100	PI/2 BPSK	270	0		15.88			
100	QPSK	1	1		16.02			
100	QPSK	1	137		15.94		16.5	0.0
100	QPSK	1	271		15.99			
100	QPSK	135	0		15.91		16.5	0.0
100	QPSK	135	69		15.95		16.5	0.0
100	QPSK	135	138		15.82		16.5	0.0
100	QPSK	270	0		15.93			
100	16QAM	1	1		15.92		16.5	0.0
100	64QAM	1	1		15.90		16.5	0.0
100	256QAM	1	1		16.01		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.92	16.00	15.89	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.01	15.96	15.88	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.98	15.98	16.01	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.90	15.90	15.91	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.97	15.87	15.91	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.93	16.01	15.87	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.92	15.97	15.98	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.94	15.99	15.90	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.95	15.95	15.88	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.91	15.93	15.96	16.5	0.0

Part27O_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.91	15.92	15.82		
100	PI/2 BPSK	1	137	15.89	15.91	15.81	16.5	0.0
100	PI/2 BPSK	1	271	15.79	16.01	15.83		
100	PI/2 BPSK	135	0	15.81	15.89	15.89	16.5	0.0
100	PI/2 BPSK	135	69	15.88	15.89	15.88	16.5	0.0
100	PI/2 BPSK	135	138	15.85	15.96	15.90	16.5	0.0
100	PI/2 BPSK	270	0	15.89	15.99	15.84		
100	QPSK	1	1	15.94	16.04	15.96		
100	QPSK	1	137	15.89	15.91	15.95	16.5	0.0
100	QPSK	1	271	15.87	15.96	15.93		
100	QPSK	135	0	15.81	15.85	15.80	16.5	0.0
100	QPSK	135	69	15.92	15.98	15.88	16.5	0.0
100	QPSK	135	138	15.85	15.93	15.87	16.5	0.0
100	QPSK	270	0	15.88	15.97	15.82		
100	16QAM	1	1	15.93	16.00	15.81	16.5	0.0
100	64QAM	1	1	15.93	15.95	15.86	16.5	0.0
100	256QAM	1	1	15.91	16.03	15.90	16.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.89	15.93	15.92	16.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.91	15.98	15.81	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.84	15.90	15.90	16.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.87	16.00	15.89	16.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.86	15.99	15.88	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.90	16.02	15.91	16.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.93	16.00	15.82	16.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.81	16.02	15.91	16.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.82	15.89	15.86	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.86	15.96	15.82	16.5	0.0

Part27Q_n77_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.94			
100	PI/2 BPSK	1	137		15.91		16.5	0.0
100	PI/2 BPSK	1	271		15.96			
100	PI/2 BPSK	135	0		15.96		16.5	0.0
100	PI/2 BPSK	135	69		16.00		16.5	0.0
100	PI/2 BPSK	135	138		15.87		16.5	0.0
100	PI/2 BPSK	270	0		15.88			
100	QPSK	1	1		16.02			
100	QPSK	1	137		15.94		16.5	0.0
100	QPSK	1	271		15.99			
100	QPSK	135	0		15.91		16.5	0.0
100	QPSK	135	69		15.95		16.5	0.0
100	QPSK	135	138		15.82		16.5	0.0
100	QPSK	270	0		15.93			
100	16QAM	1	1		15.92		16.5	0.0
100	64QAM	1	1		15.90		16.5	0.0
100	256QAM	1	1		16.01		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.92	16.00	15.89	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.01	15.96	15.88	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.98	15.96	16.01	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.90	15.90	15.91	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.97	15.87	15.91	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.93	16.01	15.87	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.92	15.97	15.98	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.94	15.99	15.90	16.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.95	15.95	15.88	16.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.91	15.93	15.96	16.5	0.0

Part27O_n77_Ant 10 HPUE

BW [MHz]	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	15.91	15.92	15.82		
100	PI/2 BPSK	1	137	15.89	15.91	15.81	16.5	0.0
100	PI/2 BPSK	1	271	15.79	16.01	15.83		
100	PI/2 BPSK	135	0	15.81	15.89	15.89	16.5	0.0
100	PI/2 BPSK	135	69	15.88	15.89	15.88	16.5	0.0
100	PI/2 BPSK	135	138	15.85	15.96	15.90	16.5	0.0
100	PI/2 BPSK	270	0	15.89	15.99	15.84		
100	QPSK	1	1	15.94	16.04	15.96		
100	QPSK	1	137	15.89	15.91	15.95	16.5	0.0
100	QPSK	1	271	15.87	15.96	15.93		
100	QPSK	135	0	15.81	15.85	15.80	16.5	0.0
100	QPSK	135	69	15.92	15.98	15.88	16.5	0.0
100	QPSK	135	138	15.85	15.93	15.87	16.5	0.0
100	QPSK	270	0	15.88	15.97	15.82		
100	16QAM	1	1	15.93	16.00	15.81	16.5	0.0
100	64QAM	1	1	15.93	15.95	15.86	16.5	0.0
100	256QAM	1	1	15.91	16.03	15.90	16.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.89	15.93	15.92	16.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.91	15.98	15.81	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.84	15.90	15.90	16.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.87	16.00	15.89	16.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.86	15.99	15.88	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.90	16.02	15.91	16.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.93	16.00	15.82	16.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.81	16.02	15.91	16.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.82	15.89	15.86	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.86	15.96	15.82	16.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.58			
100	PI/2 BPSK	1	137		17.63		18.2	0.0
100	PI/2 BPSK	1	271		17.67			
100	PI/2 BPSK	135	0		17.67		18.2	0.0
100	PI/2 BPSK	135	69		17.55		18.2	0.0
100	PI/2 BPSK	135	138		17.64		18.2	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.69			
100	QPSK	1	137		17.59		18.2	0.0
100	QPSK	1	271		17.63			
100	QPSK	135	0		17.62		18.2	0.0
100	QPSK	135	69		17.63		18.2	0.0
100	QPSK	135	138		17.54		18.2	0.0
100	QPSK	270	0		17.62			
100	16QAM	1	1		17.64		18.2	0.0
100	64QAM	1	1		17.58		18.2	0.0
100	256QAM	1	1		16.31		16.7	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.54	17.54	17.59	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.55	17.54	17.66	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.62	17.60	17.61	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.58	17.59	17.59	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.64	17.62	17.66	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.59	17.62	17.63	18.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.67	17.56	17.63	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.64	17.56	17.58	18.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.68	17.58	17.64	18.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.57	17.63	17.67	18.2	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.63	17.76	17.72		
100	PI/2 BPSK	1	137	17.60	17.73	17.65	18.2	0.0
100	PI/2 BPSK	1	271	17.61	17.74	17.63		
100	PI/2 BPSK	135	0	17.64	17.77	17.74	18.2	0.0
100	PI/2 BPSK	135	69	17.66	17.79	17.73	18.2	0.0
100	PI/2 BPSK	135	138	17.67	17.80	17.66	18.2	0.0
100	PI/2 BPSK	270	0	17.58	17.71	17.70		
100	QPSK	1	1	17.71	17.84	17.77		
100	QPSK	1	137	17.60	17.73	17.82	18.2	0.0
100	QPSK	1	271	17.56	17.69	17.72		
100	QPSK	135	0	17.59	17.72	17.58	18.2	0.0
100	QPSK	135	69	17.66	17.79	17.70	18.2	0.0
100	QPSK	135	138	17.59	17.72	17.58	18.2	0.0
100	QPSK	270	0	17.64	17.77	17.67		
100	16QAM	1	1	17.62	17.75	17.71	18.2	0.0
100	64QAM	1	1	17.66	17.79	17.65	18.2	0.0
100	256QAM	1	1	15.64	15.71	15.70	16.7	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.58	17.71	17.70	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.66	17.79	17.64	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.70	17.83	17.68	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.66	17.79	17.70	18.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.65	17.78	17.66	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.58	17.71	17.74	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.67	17.80	17.69	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.58	17.71	17.72	18.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.63	17.76	17.70	18.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.59	17.72	17.75	18.2	0.0

Part27Q_n77_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.58			
100	PI/2 BPSK	1	137		17.63		18.2	0.0
100	PI/2 BPSK	1	271		17.67			
100	PI/2 BPSK	135	0		17.67		18.2	0.0
100	PI/2 BPSK	135	69		17.55		18.2	0.0
100	PI/2 BPSK	135	138		17.64		18.2	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.69			
100	QPSK	1	137		17.59		18.2	0.0
100	QPSK	1	271		17.63			
100	QPSK	135	0		17.62		18.2	0.0
100	QPSK	135	69		17.63		18.2	0.0
100	QPSK	135	138		17.54		18.2	0.0
100	QPSK	270	0		17.62			
100	16QAM	1	1		17.64		18.2	0.0
100	64QAM	1	1		17.58		18.2	0.0
100	256QAM	1	1		16.31		16.7	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.54	17.54	17.59	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.55	17.54	17.66	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.62	17.60	17.61	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.58	17.59	17.59	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.64	17.62	17.66	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.59	17.62	17.63	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.67	17.56	17.63	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.64	17.56	17.58	18.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.68	17.58	17.64	18.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.57	17.63	17.67	18.2	0.0

Part27O_n77_Ant 4 HPUE

BW [MHz]	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	17.63	17.76	17.72		
100	PI/2 BPSK	1	137	17.60	17.73	17.65	18.2	0.0
100	PI/2 BPSK	1	271	17.61	17.74	17.63		
100	PI/2 BPSK	135	0	17.64	17.77	17.74	18.2	0.0
100	PI/2 BPSK	135	69	17.66	17.79	17.73	18.2	0.0
100	PI/2 BPSK	135	138	17.67	17.80	17.66	18.2	0.0
100	PI/2 BPSK	270	0	17.58	17.71	17.70		
100	QPSK	1	1	17.71	17.84	17.77		
100	QPSK	1	137	17.60	17.73	17.62	18.2	0.0
100	QPSK	1	271	17.56	17.69	17.72		
100	QPSK	135	0	17.59	17.72	17.58	18.2	0.0
100	QPSK	135	69	17.66	17.79	17.70	18.2	0.0
100	QPSK	135	138	17.59	17.72	17.58	18.2	0.0
100	QPSK	270	0	17.64	17.77	17.67		
100	16QAM	1	1	17.62	17.75	17.71	18.2	0.0
100	64QAM	1	1	17.66	17.79	17.65	18.2	0.0
100	256QAM	1	1	15.64	15.71	15.70	16.7	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.58	17.71	17.70	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.66	17.79	17.64	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.70	17.83	17.66	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.66	17.79	17.70	18.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.65	17.78	17.66	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.58	17.71	17.74	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.67	17.80	17.69	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.58	17.71	17.72	18.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.63	17.76	17.70	18.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.59	17.72	17.75	18.2	0.0

Part27Q_n78_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.80			
100	PI/2 BPSK	1	137		16.68		18.2	0.0
100	PI/2 BPSK	1	271		16.70			
100	PI/2 BPSK	135	0		16.80		18.2	0.0
100	PI/2 BPSK	135	69		16.81		18.2	0.0
100	PI/2 BPSK	135	138		16.77		18.2	0.0
100	PI/2 BPSK	270	0		16.70			
100	QPSK	1	1		16.82			
100	QPSK	1	137		16.70		18.2	0.0
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.64		18.2	0.0
100	QPSK	135	69		16.74		18.2	0.0
100	QPSK	135	138		16.72		18.2	0.0
100	QPSK	270	0		16.72			
100	16QAM	1	1		16.70		18.2	0.0
100	64QAM	1	1		16.78		18.2	0.0
100	256QAM	1	1		16.77		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.67	16.76	16.74	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.67	16.79	16.80	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.75	16.81	16.81	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.77	16.80	16.75	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.68	16.80	16.80	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.76	16.76	16.76	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.78	16.71	16.69	18.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.78	16.70	16.74	18.2	0.0

Part27O_n78_Ant 9

BW [MHz]	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		16.71			
100	PI/2 BPSK	1	137		16.71		18.2	0.0
100	PI/2 BPSK	1	271		16.71			
100	PI/2 BPSK	135	0		16.66		18.2	0.0
100	PI/2 BPSK	135	69		16.74		18.2	0.0
100	PI/2 BPSK	135	138		16.60		18.2	0.0
100	PI/2 BPSK	270	0		16.69			
100	QPSK	1	1		16.75			
100	QPSK	1	137		16.72		18.2	0.0
100	QPSK	1	271		16.72			
100	QPSK	135	0		16.63		18.2	0.0
100	QPSK	135	69		16.72		18.2	0.0
100	QPSK	135	138		16.65		18.2	0.0
100	QPSK	270	0		16.69			
100	16QAM	1	1		16.68		18.2	0.0
100	64QAM	1	1		16.63		18.2	0.0
100	256QAM	1	1		16.66		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	18.2	0.0
90	QPSK	1	1	16.68	16.73	16.62	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	18.2	0.0
80	QPSK	1	1	16.67	16.61	16.67	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	18.2	0.0
70	QPSK	1	1	16.60	16.74	16.68	18.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	18.2	0.0
60	QPSK	1	1	16.60	16.63	16.61	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	18.2	0.0
50	QPSK	1	1	16.73	16.72	16.64	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	18.2	0.0
40	QPSK	1	1	16.74	16.71	16.70	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	18.2	0.0
30	QPSK	1	1	16.61	16.63	16.72	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	18.2	0.0
20	QPSK	1	1	16.65	16.68	16.74	18.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	18.2	0.0
15	QPSK	1	1	16.64	16.63	16.74	18.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	18.2	0.0
10	QPSK	1	1	16.69	16.61	16.65	18.2	0.0

Part27Q_n78_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.80			
100	PI/2 BPSK	1	137		16.68		18.2	0.0
100	PI/2 BPSK	1	271		16.70			
100	PI/2 BPSK	135	0		16.80		18.2	0.0
100	PI/2 BPSK	135	69		16.81		18.2	0.0
100	PI/2 BPSK	135	138		16.77		18.2	0.0
100	PI/2 BPSK	270	0		16.70			
100	QPSK	1	1		16.82			
100	QPSK	1	137		16.70		18.2	0.0
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.64		18.2	0.0
100	QPSK	135	69		16.74		18.2	0.0
100	QPSK	135	138		16.72		18.2	0.0
100	QPSK	270	0		16.72			
100	16QAM	1	1		16.70		18.2	0.0
100	64QAM	1	1		16.78		18.2	0.0
100	256QAM	1	1		16.77		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	18.2	0.0
90	QPSK	1	1	16.67	16.76	16.74	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	18.2	0.0
80	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	18.2	0.0
70	QPSK	1	1	16.67	16.79	16.80	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	18.2	0.0
60	QPSK	1	1	16.75	16.81	16.81	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	18.2	0.0
50	QPSK	1	1	16.77	16.80	16.75	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	18.2	0.0
40	QPSK	1	1	16.68	16.80	16.80	18.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	18.2	0.0
30	QPSK	1	1	16.76	16.76	16.76	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	18.2	0.0
20	QPSK	1	1	16.80	16.72	16.68	18.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	18.2	0.0
15	QPSK	1	1	16.78	16.71	16.69	18.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	18.2	0.0
10	QPSK	1	1	16.78	16.70	16.74	18.2	0.0

Part27O_n78_Ant 9 HPUE

BW [MHz]	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		16.71			
100	PI/2 BPSK	1	137		16.71		18.2	0.0
100	PI/2 BPSK	1	271		16.71			
100	PI/2 BPSK	135	0		16.66		18.2	0.0
100	PI/2 BPSK	135	69		16.74		18.2	0.0
100	PI/2 BPSK	135	138		16.60		18.2	0.0
100	PI/2 BPSK	270	0		16.69			
100	QPSK	1	1		16.75			
100	QPSK	1	137		16.72		18.2	0.0
100	QPSK	1	271		16.72			
100	QPSK	135	0		16.63		18.2	0.0
100	QPSK	135	69		16.72		18.2	0.0
100	QPSK	135	138		16.65		18.2	0.0
100	QPSK	270	0		16.69			
100	16QAM	1	1		16.68		18.2	0.0
100	64QAM	1	1		16.63		18.2	0.0
100	256QAM	1	1		16.66		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	18.2	0.0
90	QPSK	1	1	16.68	16.73	16.62	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	18.2	0.0
80	QPSK	1	1	16.67	16.61	16.67	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	18.2	0.0
70	QPSK	1	1	16.60	16.74	16.68	18.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98	18.2	0.0
60	QPSK	1	1	16.60	16.63	16.61	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	18.2	0.0
50	QPSK	1	1	16.73	16.72	16.64	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	18.2	0.0
40	QPSK	1	1	16.74	16.71	16.70	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	18.2	0.0
30	QPSK	1	1	16.61	16.63	16.72	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	18.2	0.0
20	QPSK	1	1	16.65	16.68	16.74	18.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	18.2	0.0
15	QPSK	1	1	16.64	16.63	16.74	18.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	18.2	0.0
10	QPSK	1	1	16.69	16.61	16.65	18.2	0.0

Part27Q_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.07			
100	PI/2 BPSK	1	137		17.07		18.5	0.0
100	PI/2 BPSK	1	271		17.07			
100	PI/2 BPSK	135	0		17.15		18.5	0.0
100	PI/2 BPSK	135	69		17.11		18.5	0.0
100	PI/2 BPSK	135	138		17.20		18.5	0.0
100	PI/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.21			
100	QPSK	1	137		17.19		18.5	0.0
100	QPSK	1	271		17.07			
100	QPSK	135	0		17.18		18.5	0.0
100	QPSK	135	69		17.19		18.5	0.0
100	QPSK	135	138		17.15		18.5	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.07		18.5	0.0
100	64QAM	1	1		17.17		18.5	0.0
100	256QAM	1	1		17.12		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.15	17.09	17.12	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.09	17.20	17.10	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.07	17.06	17.06	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.15	17.12	17.15	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.06	17.19	17.08	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.07	17.09	17.14	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.06	17.06	17.19	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.20	17.08	17.18	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.10	17.11	17.06	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.12	17.19	17.07	18.5	0.0

Part27O_n78_Ant 8

BW [MHz]	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		17.07			
100	PI/2 BPSK	1	137		17.08		18.5	0.0
100	PI/2 BPSK	1	271		17.04			
100	PI/2 BPSK	135	0		17.18		18.5	0.0
100	PI/2 BPSK	135	69		17.11		18.5	0.0
100	PI/2 BPSK	135	138		17.04		18.5	0.0
100	PI/2 BPSK	270	0		17.06			
100	QPSK	1	1		17.19			
100	QPSK	1	137		17.13		18.5	0.0
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.08		18.5	0.0
100	QPSK	135	69		17.15		18.5	0.0
100	QPSK	135	138		17.00		18.5	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.17		18.5	0.0
100	64QAM	1	1		17.18		18.5	0.0
100	256QAM	1	1		17.04		18.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.12	17.07	17.12	18.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.09	17.07	17.04	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.13	17.12	17.15	18.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.09	17.15	17.11	18.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.08	17.18	17.06	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.11	17.12	17.14	18.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.17	17.08	17.05	18.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.17	17.09	17.06	18.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.07	17.15	17.06	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.08	17.12	17.11	18.5	0.0

Part27Q_n78_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.07			
100	PI/2 BPSK	1	137		17.07		18.5	0.0
100	PI/2 BPSK	1	271		17.07			
100	PI/2 BPSK	135	0		17.15		18.5	0.0
100	PI/2 BPSK	135	69		17.11		18.5	0.0
100	PI/2 BPSK	135	138		17.20		18.5	0.0
100	PI/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.21			
100	QPSK	1	137		17.19		18.5	0.0
100	QPSK	1	271		17.07			
100	QPSK	135	0		17.18		18.5	0.0
100	QPSK	135	69		17.19		18.5	0.0
100	QPSK	135	138		17.15		18.5	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.07		18.5	0.0
100	64QAM	1	1		17.17		18.5	0.0
100	256QAM	1	1		17.12		18.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.15	17.09	17.12	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.09	17.20	17.10	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.07	17.06	17.08	18.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.15	17.12	17.15	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.06	17.19	17.08	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.07	17.09	17.14	18.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.06	17.06	17.19	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.20	17.08	17.18	18.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.10	17.11	17.06	18.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.12	17.19	17.07	18.5	0.0

Part27O_n78_Ant 8 HPUE

BW [MHz]	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		17.07		18.5	0.0
100	PI/2 BPSK	1	137		17.08			
100	PI/2 BPSK	1	271		17.04			
100	PI/2 BPSK	135	0		17.18		18.5	0.0
100	PI/2 BPSK	135	69		17.11		18.5	0.0
100	PI/2 BPSK	135	138		17.04		18.5	0.0
100	PI/2 BPSK	270	0		17.06			
100	QPSK	1	1		17.19		18.5	0.0
100	QPSK	1	137		17.13			
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.08		18.5	0.0
100	QPSK	135	69		17.15		18.5	0.0
100	QPSK	135	138		17.00		18.5	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.17		18.5	0.0
100	64QAM	1	1		17.18		18.5	0.0
100	256QAM	1	1		17.04		18.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.12	17.07	17.12	18.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.09	17.07	17.04	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.13	17.12	17.15	18.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.09	17.15	17.11	18.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.08	17.18	17.06	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.11	17.12	17.14	18.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.17	17.08	17.05	18.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.17	17.09	17.06	18.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.07	17.15	17.06	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.08	17.12	17.11	18.5	0.0

Part27Q_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.99		16.2	0.0
100	PI/2 BPSK	1	137		14.94			
100	PI/2 BPSK	1	271		14.96			
100	PI/2 BPSK	135	0		14.93		16.2	0.0
100	PI/2 BPSK	135	69		14.92		16.2	0.0
100	PI/2 BPSK	135	138		15.02		16.2	0.0
100	PI/2 BPSK	270	0		14.95			
100	QPSK	1	1		15.07		16.2	0.0
100	QPSK	1	137		15.06			
100	QPSK	1	271		15.06			
100	QPSK	135	0		14.88		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.93		16.2	0.0
100	QPSK	270	0		14.94			
100	16QAM	1	1		15.01		16.2	0.0
100	64QAM	1	1		14.94		16.2	0.0
100	256QAM	1	1		15.06		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.95	15.04	14.93	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.02	15.03	15.00	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.06	15.06	15.01	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.05	15.05	15.00	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.03	15.02	15.05	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.00	15.00	15.03	16.2	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.92	15.06	14.99	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.05	14.97	15.05	16.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.92	14.98	15.02	16.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.03	15.03	14.98	16.2	0.0

Part27O_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.94		16.2	0.0
100	PI/2 BPSK	1	137		14.90			
100	PI/2 BPSK	1	271		14.99			
100	PI/2 BPSK	135	0		15.00		16.2	0.0
100	PI/2 BPSK	135	69		15.01		16.2	0.0
100	PI/2 BPSK	135	138		14.98		16.2	0.0
100	PI/2 BPSK	270	0		14.91			
100	QPSK	1	1		15.05		16.2	0.0
100	QPSK	1	137		14.98			
100	QPSK	1	271		15.02			
100	QPSK	135	0		14.98		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.93		16.2	0.0
100	QPSK	270	0		14.95			
100	16QAM	1	1		15.03		16.2	0.0
100	64QAM	1	1		14.96		16.2	0.0
100	256QAM	1	1		14.90		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.04	14.98	14.92	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.00	15.02	14.96	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.03	14.97	15.01	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.96	14.99	14.91	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.94	15.01	15.01	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.94	14.93	14.96	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.02	14.90	15.03	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.96	14.90	14.91	16.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.90	15.02	14.96	16.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.02	15.02	15.00	16.2	0.0

Part27Q_n78_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.99			
100	PI/2 BPSK	1	137		14.94		16.2	0.0
100	PI/2 BPSK	1	271		14.96			
100	PI/2 BPSK	135	0		14.93		16.2	0.0
100	PI/2 BPSK	135	69		14.92		16.2	0.0
100	PI/2 BPSK	135	138		15.02		16.2	0.0
100	PI/2 BPSK	270	0		14.95			
100	QPSK	1	1		15.07			
100	QPSK	1	137		15.06		16.2	0.0
100	QPSK	1	271		15.06			
100	QPSK	135	0		14.88		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.93		16.2	0.0
100	QPSK	270	0		14.94			
100	16QAM	1	1		15.01		16.2	0.0
100	64QAM	1	1		14.94		16.2	0.0
100	256QAM	1	1		15.06		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	16.2	0.0
90	QPSK	1	1	14.95	15.04	14.93	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.02	15.03	15.00	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.06	15.06	15.01	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.05	15.05	15.00	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.03	15.02	15.05	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.00	15.00	15.03	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.92	15.06	14.99	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.05	14.97	15.05	16.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.92	14.98	15.02	16.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.03	15.03	14.98	16.2	0.0

Part27O_n78_Ant 10 HPUE

BW [MHz]	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		14.94			
100	PI/2 BPSK	1	137		14.90		16.2	0.0
100	PI/2 BPSK	1	271		14.99			
100	PI/2 BPSK	135	0		15.00		16.2	0.0
100	PI/2 BPSK	135	69		15.01		16.2	0.0
100	PI/2 BPSK	135	138		14.98		16.2	0.0
100	PI/2 BPSK	270	0		14.91			
100	QPSK	1	1		15.05			
100	QPSK	1	137		14.98		16.2	0.0
100	QPSK	1	271		15.02			
100	QPSK	135	0		14.98		16.2	0.0
100	QPSK	135	69		15.00		16.2	0.0
100	QPSK	135	138		14.93		16.2	0.0
100	QPSK	270	0		14.95			
100	16QAM	1	1		15.03		16.2	0.0
100	64QAM	1	1		14.96		16.2	0.0
100	256QAM	1	1		14.90		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.04	14.98	14.92	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.00	15.02	14.96	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.03	14.97	15.01	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.96	14.99	14.91	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.94	15.01	15.01	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.94	14.93	14.96	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.02	14.90	15.03	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.96	14.90	14.91	16.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.90	15.02	14.96	16.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.02	15.02	15.00	16.2	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.81			
100	PI/2 BPSK	1	137		17.72		19.0	0.0
100	PI/2 BPSK	1	271		17.80			
100	PI/2 BPSK	135	0		17.78		19.0	0.0
100	PI/2 BPSK	135	69		17.79		19.0	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.0
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		17.82			
100	QPSK	1	137		17.74		19.0	0.0
100	QPSK	1	271		17.69			
100	QPSK	135	0		17.80		19.0	0.0
100	QPSK	135	69		17.81		19.0	0.0
100	QPSK	135	138		17.77		19.0	0.0
100	QPSK	270	0		17.79			
100	16QAM	1	1		17.76		19.0	0.0
100	64QAM	1	1		17.68		19.0	0.0
100	256QAM	1	1		17.78		18.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.68	17.76	17.68	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.79	17.76	17.76	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.70	17.73	17.68	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.72	17.81	17.67	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.74	17.70	17.78	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.74	17.70	17.69	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.78	17.71	17.68	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.79	17.73	17.77	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.72	17.75	17.79	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.77	17.71	17.73	19.0	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.61		19.0	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.53		19.0	0.0
100	PI/2 BPSK	135	69		17.54		19.0	0.0
100	PI/2 BPSK	135	138		17.60		19.0	0.0
100	PI/2 BPSK	270	0		17.57			
100	QPSK	1	1		17.66		19.0	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.61			
100	QPSK	135	0		17.59		19.0	0.0
100	QPSK	135	69		17.61		19.0	0.0
100	QPSK	135	138		17.58		19.0	0.0
100	QPSK	270	0		17.60			
100	16QAM	1	1		17.55		19.0	0.0
100	64QAM	1	1		17.54		19.0	0.0
100	256QAM	1	1		17.61		18.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.52	17.64	17.64	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.58	17.55	17.51	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.64	17.55	17.51	19.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.60	17.52	17.62	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.63	17.52	17.56	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.53	17.57	17.61	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.58	17.63	17.55	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.54	17.55	17.61	19.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.55	17.59	17.55	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.64	17.60	17.55	19.0	0.0

Part27Q_n78_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.81		19.0	0.0
100	PI/2 BPSK	1	137		17.72			
100	PI/2 BPSK	1	271		17.80			
100	PI/2 BPSK	135	0		17.78		19.0	0.0
100	PI/2 BPSK	135	69		17.79		19.0	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.0
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		17.82		19.0	0.0
100	QPSK	1	137		17.74			
100	QPSK	1	271		17.69			
100	QPSK	135	0		17.80		19.0	0.0
100	QPSK	135	69		17.81		19.0	0.0
100	QPSK	135	138		17.77		19.0	0.0
100	QPSK	270	0		17.79			
100	16QAM	1	1		17.76		19.0	0.0
100	64QAM	1	1		17.68		19.0	0.0
100	256QAM	1	1		17.78		18.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.68	17.76	17.68	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.79	17.76	17.76	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.70	17.73	17.68	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.72	17.81	17.67	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.74	17.70	17.78	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.74	17.70	17.69	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.78	17.71	17.68	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.79	17.73	17.77	19.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.72	17.75	17.79	19.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.77	17.71	17.73	19.0	0.0

Part27O_n78_Ant 4 HPUE

BW [MHz]	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		17.61		19.0	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.53		19.0	0.0
100	PI/2 BPSK	135	69		17.54		19.0	0.0
100	PI/2 BPSK	135	138		17.60		19.0	0.0
100	PI/2 BPSK	270	0		17.57			
100	QPSK	1	1		17.66		19.0	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.61			
100	QPSK	135	0		17.59		19.0	0.0
100	QPSK	135	69		17.61		19.0	0.0
100	QPSK	135	138		17.58		19.0	0.0
100	QPSK	270	0		17.60			
100	16QAM	1	1		17.55		19.0	0.0
100	64QAM	1	1		17.54		19.0	0.0
100	256QAM	1	1		17.61		18.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.52	17.64	17.64	19.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.58	17.55	17.51	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.64	17.55	17.51	19.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.60	17.52	17.62	19.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.63	17.52	17.56	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.53	17.57	17.61	19.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.58	17.63	17.55	19.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.54	17.55	17.61	19.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.55	17.59	17.55	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.64	17.60	17.55	19.0	0.0

Reduced Power Mode for DSI 5

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.83	16.98	16.84	18.2	0.0
20	PI/2 BPSK	1	53	16.82	17.02	16.94		
20	PI/2 BPSK	1	104	16.93	16.99	16.83		
20	PI/2 BPSK	50	0	16.85	16.95	16.89	18.2	0.0
20	PI/2 BPSK	50	28	16.93	17.03	16.87	18.2	0.0
20	PI/2 BPSK	50	56	16.85	16.93	16.97	18.2	0.0
20	PI/2 BPSK	100	0	16.89	17.07	16.94		
20	QPSK	1	1	16.97	17.08	16.98	18.2	0.0
20	QPSK	1	53	16.88	17.03	16.89		
20	QPSK	1	104	16.92	16.97	16.92		
20	QPSK	50	0	16.91	16.98	16.81	18.2	0.0
20	QPSK	50	28	16.94	17.04	16.92	18.2	0.0
20	QPSK	50	56	16.90	16.98	16.86	18.2	0.0
20	QPSK	100	0	16.87	17.01	16.90		
20	16QAM	1	1	16.96	16.95	16.87	18.2	0.0
20	64QAM	1	1	16.86	17.05	16.84	18.2	0.0
20	256QAM	1	1	16.93	17.00	16.96	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.93	16.97	16.92	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.88	17.01	16.87	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.88	16.98	16.83	18.2	0.0

n2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.44	17.46	17.46	18.7	0.0
20	PI/2 BPSK	1	53	17.38	17.53	17.36		
20	PI/2 BPSK	1	104	17.36	17.48	17.38		
20	PI/2 BPSK	50	0	17.44	17.52	17.48	18.7	0.0
20	PI/2 BPSK	50	28	17.48	17.45	17.37	18.7	0.0
20	PI/2 BPSK	50	56	17.43	17.53	17.43	18.7	0.0
20	PI/2 BPSK	100	0	17.50	17.55	17.47		
20	QPSK	1	1	17.51	17.56	17.49	18.7	0.0
20	QPSK	1	53	17.49	17.45	17.36		
20	QPSK	1	104	17.39	17.52	17.48		
20	QPSK	50	0	17.39	17.40	17.41	18.7	0.0
20	QPSK	50	28	17.43	17.49	17.44	18.7	0.0
20	QPSK	50	56	17.30	17.45	17.35	18.7	0.0
20	QPSK	100	0	17.38	17.44	17.43		
20	16QAM	1	1	17.41	17.43	17.41	18.7	0.0
20	64QAM	1	1	17.36	17.50	17.41	18.7	0.0
20	256QAM	1	1	17.49	17.44	17.47	18.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.39	17.52	17.40	18.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.47	17.45	17.38	18.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.38	17.45	17.42	18.7	0.0

n2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.00	22.02	22.09	23.2	0.0
20	PI/2 BPSK	1	53	22.03	22.10	22.10		
20	PI/2 BPSK	1	104	22.03	22.04	21.98		
20	PI/2 BPSK	50	0	22.06	21.99	22.10	23.2	0.0
20	PI/2 BPSK	50	28	22.08	22.01	21.97	23.2	0.0
20	PI/2 BPSK	50	56	22.09	22.08	22.04	23.2	0.0
20	PI/2 BPSK	100	0	21.98	22.07	22.06		
20	QPSK	1	1	22.10	22.14	22.12	23.2	0.0
20	QPSK	1	53	22.04	22.02	22.04		
20	QPSK	1	104	22.05	22.10	21.97		
20	QPSK	50	0	21.93	22.03	22.06	23.2	0.0
20	QPSK	50	28	22.07	22.11	22.07	23.2	0.0
20	QPSK	50	56	21.97	22.02	21.96	23.2	0.0
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	1	22.05	22.01	22.04	23.2	0.0
20	64QAM	1	1	21.51	21.53	21.38	22.7	0.5
20	256QAM	1	1	19.41	19.48	19.37	20.7	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.01	22.10	21.98	23.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.00	22.00	22.02	23.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.04	22.06	21.98	23.2	0.0

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.85	16.91	16.73		
20	PI/2 BPSK	1	53	16.83	16.89	16.69	17.7	0.0
20	PI/2 BPSK	1	104	16.90	16.85	16.75		
20	PI/2 BPSK	50	0	16.78	16.86	16.80	17.7	0.0
20	PI/2 BPSK	50	28	16.86	16.90	16.73	17.7	0.0
20	PI/2 BPSK	50	56	16.82	16.84	16.72	17.7	0.0
20	PI/2 BPSK	100	0	16.78	16.90	16.77		
20	QPSK	1	1	16.93	16.94	16.84		
20	QPSK	1	53	16.79	16.88	16.80	17.7	0.0
20	QPSK	1	104	16.83	16.86	16.69		
20	QPSK	50	0	16.85	16.77	16.72	17.7	0.0
20	QPSK	50	28	16.89	16.92	16.76	17.7	0.0
20	QPSK	50	56	16.82	16.91	16.68	17.7	0.0
20	QPSK	100	0	16.83	16.87	16.68		
20	16QAM	1	1	16.88	16.85	16.83	17.7	0.0
20	64QAM	1	1	16.81	16.86	16.77	17.7	0.0
20	256QAM	1	1	16.86	16.93	16.77	17.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.79	16.82	16.83	17.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.84	16.86	16.81	17.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.91	16.92	16.80	17.7	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.68	23.71	23.64		
20	PI/2 BPSK	1	53	23.64	23.67	23.55	25.2	0.0
20	PI/2 BPSK	1	104	23.58	23.64	23.62		
20	PI/2 BPSK	50	0	23.06	23.15	23.06	24.7	0.5
20	PI/2 BPSK	50	28	23.54	23.69	23.57	25.2	0.0
20	PI/2 BPSK	50	56	23.11	23.13	23.11	24.7	0.5
20	PI/2 BPSK	100	0	23.07	23.20	23.14		
20	QPSK	1	1	24.25	24.37	24.31		
20	QPSK	1	53	23.98	24.10	23.95	25.2	0.0
20	QPSK	1	104	23.94	24.06	24.03		
20	QPSK	50	0	23.03	23.18	23.14	24.2	1.0
20	QPSK	50	28	24.07	24.10	24.09	25.2	0.0
20	QPSK	50	56	23.05	23.14	23.09	24.2	1.0
20	QPSK	100	0	23.09	23.14	23.00		
20	16QAM	1	1	23.10	23.14	23.01	24.2	1.0
20	64QAM	1	1	21.57	21.62	21.47	22.7	2.5
20	256QAM	1	1	19.46	19.61	19.47	20.7	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.13	24.22	24.17	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.24	24.30	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.18	24.25	24.26	25.2	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.80	22.84	22.81		
20	PI/2 BPSK	1	53	22.81	22.85	22.82	24.3	0.0
20	PI/2 BPSK	1	104	22.63	22.71	22.64		
20	PI/2 BPSK	50	0	22.29	22.33	22.25	23.8	0.5
20	PI/2 BPSK	50	28	22.74	22.81	22.78	24.3	0.0
20	PI/2 BPSK	50	56	22.22	22.28	22.27	23.8	0.5
20	PI/2 BPSK	100	0	22.23	22.25	22.18		
20	QPSK	1	1	23.26	23.34	23.23		
20	QPSK	1	53	23.12	23.21	23.18	24.3	0.0
20	QPSK	1	104	23.20	23.26	23.21		
20	QPSK	50	0	22.13	22.26	22.18	23.3	1.0
20	QPSK	50	28	23.20	23.31	23.20	24.3	0.0
20	QPSK	50	56	22.15	22.25	22.22	23.3	1.0
20	QPSK	100	0	22.14	22.23	22.15		
20	16QAM	1	1	22.25	22.28	22.22	23.3	1.0
20	64QAM	1	1	20.70	20.75	20.70	21.8	2.5
20	256QAM	1	1	18.64	18.72	18.63	19.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.26	23.16	24.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.18	23.22	23.10	24.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.13	23.29	23.19	24.3	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.52	16.65	16.55	17.7	0.0
40	PI/2 BPSK	1	108	16.50	16.58	16.50		
40	PI/2 BPSK	1	214	16.52	16.55	16.57		
40	PI/2 BPSK	108	0	16.53	16.64	16.50	17.7	0.0
40	PI/2 BPSK	108	54	16.53	16.66	16.54	17.7	0.0
40	PI/2 BPSK	108	108	16.44	16.57	16.46	17.7	0.0
40	PI/2 BPSK	216	0	16.51	16.53	16.58		
40	QPSK	1	1	16.58	16.67	16.59	17.7	0.0
40	QPSK	1	108	16.45	16.59	16.53		
40	QPSK	1	214	16.57	16.54	16.58		
40	QPSK	108	0	16.40	16.54	16.48	17.7	0.0
40	QPSK	108	54	16.54	16.62	16.53	17.7	0.0
40	QPSK	108	108	16.48	16.49	16.45	17.7	0.0
40	QPSK	216	0	16.49	16.55	16.46		
40	16QAM	1	1	16.55	16.65	16.50	17.7	0.0
40	64QAM	1	1	16.45	16.60	16.48	17.7	0.0
40	256QAM	1	1	16.48	16.59	16.57	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.48	16.54	16.56	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.53	16.63	16.46	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.56	16.55	16.51	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.48	16.55	16.51	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.51	16.59	16.47	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.52	16.59	16.47	17.7	0.0

n7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.01	16.99	16.98	17.7	0.0
40	PI/2 BPSK	1	108	16.89	16.99	16.96		
40	PI/2 BPSK	1	214	16.93	16.91	16.84		
40	PI/2 BPSK	108	0	16.96	16.96	16.97	17.7	0.0
40	PI/2 BPSK	108	54	16.90	17.04	16.98	17.7	0.0
40	PI/2 BPSK	108	108	16.89	16.95	16.85	17.7	0.0
40	PI/2 BPSK	216	0	17.00	16.96	16.89		
40	QPSK	1	1	17.02	17.06	16.99	17.7	0.0
40	QPSK	1	108	16.92	16.92	16.91		
40	QPSK	1	214	16.93	16.98	16.86		
40	QPSK	108	0	16.93	16.94	16.80	17.7	0.0
40	QPSK	108	54	16.99	17.04	16.91	17.7	0.0
40	QPSK	108	108	16.86	16.98	16.78	17.7	0.0
40	QPSK	216	0	16.94	16.99	16.84		
40	16QAM	1	1	16.95	17.05	16.95	17.7	0.0
40	64QAM	1	1	17.00	17.02	16.97	17.7	0.0
40	256QAM	1	1	16.91	17.00	16.91	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.95	16.94	16.91	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.92	16.94	16.92	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.99	17.04	16.98	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.97	17.03	16.93	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.90	16.94	16.90	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.99	16.93	16.95	17.7	0.0

n7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.71	18.92	18.92	19.7	0.0
40	PI/2 BPSK	1	108	18.72	18.85	18.89		
40	PI/2 BPSK	1	214	18.70	18.84	18.92		
40	PI/2 BPSK	108	0	18.78	18.90	18.82	19.7	0.0
40	PI/2 BPSK	108	54	18.76	18.86	18.92	19.7	0.0
40	PI/2 BPSK	108	108	18.76	18.86	18.91	19.7	0.0
40	PI/2 BPSK	216	0	18.69	18.87	18.85		
40	QPSK	1	1	18.83	18.99	18.96	19.7	0.0
40	QPSK	1	108	18.81	18.95	18.81		
40	QPSK	1	214	18.80	18.97	18.94		
40	QPSK	108	0	18.77	18.91	18.83	19.7	0.0
40	QPSK	108	54	18.82	18.95	18.91	19.7	0.0
40	QPSK	108	108	18.68	18.88	18.87	19.7	0.0
40	QPSK	216	0	18.74	18.89	18.84		
40	16QAM	1	1	18.79	18.90	18.91	19.7	0.0
40	64QAM	1	1	18.76	18.87	18.94	19.7	0.0
40	256QAM	1	1	18.72	18.93	18.93	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3516	2535	2555		
30	QPSK	1	1	18.77	18.90	18.94	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.70	18.92	18.93	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.70	18.94	18.90	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.81	18.87	18.83	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.70	18.94	18.84	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.74	18.98	18.95	19.7	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.75	15.79	15.75	16.5	0.0
40	PI/2 BPSK	1	108	15.75	15.77	15.73		
40	PI/2 BPSK	1	214	15.64	15.79	15.75		
40	PI/2 BPSK	108	0	15.75	15.81	15.78	16.5	0.0
40	PI/2 BPSK	108	54	15.72	15.79	15.71	16.5	0.0
40	PI/2 BPSK	108	108	15.76	15.76	15.71	16.5	0.0
40	PI/2 BPSK	216	0	15.67	15.78	15.76		
40	QPSK	1	1	15.77	15.84	15.81	16.5	0.0
40	QPSK	1	108	15.67	15.83	15.66		
40	QPSK	1	214	15.65	15.82	15.69		
40	QPSK	108	0	15.66	15.76	15.66	16.5	0.0
40	QPSK	108	54	15.75	15.83	15.75	16.5	0.0
40	QPSK	108	108	15.63	15.77	15.70	16.5	0.0
40	QPSK	216	0	15.71	15.79	15.71		
40	16QAM	1	1	15.76	15.78	15.71	16.5	0.0
40	64QAM	1	1	15.74	15.72	15.66	16.5	0.0
40	256QAM	1	1	15.67	15.69	15.77	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.74	15.69	15.76	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.76	15.81	15.78	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.75	15.77	15.72	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.63	15.69	15.70	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.69	15.76	15.71	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.67	15.74	15.69	16.5	0.0

n12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.89	23.92	23.81	24.7	0.0
15	PI/2 BPSK	1	40	23.78	23.82	23.68		
15	PI/2 BPSK	1	77	23.87	23.90	23.77		
15	PI/2 BPSK	36	0	23.30	23.36	23.30	24.2	0.5
15	PI/2 BPSK	36	22	23.85	23.91	23.86	24.7	0.0
15	PI/2 BPSK	36	43	23.21	23.35	23.28	24.2	0.5
15	PI/2 BPSK	75	0	23.23	23.37	23.36		
15	QPSK	1	1	24.06	24.12	23.98	24.7	0.0
15	QPSK	1	40	23.58	23.71	23.69		
15	QPSK	1	77	23.76	23.88	23.73		
15	QPSK	36	0	22.68	22.80	22.69	23.7	1.0
15	QPSK	36	22	23.76	23.82	23.69	24.7	0.0
15	QPSK	36	43	22.71	22.84	22.73	23.7	1.0
15	QPSK	75	0	22.72	22.85	22.78		
15	16QAM	1	1	22.83	22.92	22.84	23.7	1.0
15	64QAM	1	1	21.36	21.44	21.43	22.2	2.5
	256QAM	1	1	19.27	19.36	19.34	20.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.99	23.97	23.89	24.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.01	23.98	23.89	24.7	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.04	23.07	23.04	23.8	0.0
15	PI/2 BPSK	1	40	22.84	22.96	22.92		
15	PI/2 BPSK	1	77	22.94	23.04	22.91		
15	PI/2 BPSK	36	0	22.38	22.52	22.43	23.3	0.5
15	PI/2 BPSK	36	22	22.95	23.01	22.96	23.8	0.0
15	PI/2 BPSK	36	43	22.31	22.44	22.31	23.3	0.5
15	PI/2 BPSK	75	0	22.33	22.46	22.42		
15	QPSK	1	1	22.95	23.09	23.03	23.8	0.0
15	QPSK	1	40	22.82	22.88	22.74		
15	QPSK	1	77	22.81	22.94	22.88		
15	QPSK	36	0	21.90	22.04	22.01	22.8	1.0
15	QPSK	36	22	22.80	22.89	22.83	23.8	0.0
15	QPSK	36	43	21.88	21.89	21.85	22.8	1.0
15	QPSK	75	0	21.91	21.96	21.90		
15	16QAM	1	1	21.89	21.94	21.86	22.8	1.0
15	64QAM	1	1	20.49	20.51	20.38	21.3	2.5
	256QAM	1	1	18.35	18.44	18.38	19.3	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.89	23.00	22.99	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.82	22.99	22.97	23.8	0.0

n13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		23.79		25.2	0.0
10	PI/2 BPSK	1	26		23.75			
10	PI/2 BPSK	1	50		23.78			
10	PI/2 BPSK	25	0		23.15		24.7	0.5
10	PI/2 BPSK	25	14		23.70		25.2	0.0
10	PI/2 BPSK	25	27		23.11		24.7	0.5
10	PI/2 BPSK	50	0		23.13			
10	QPSK	1	1		23.98		25.2	0.0
10	QPSK	1	26		23.60			
10	QPSK	1	50		23.69			
10	QPSK	25	0		22.67		24.2	1.0
10	QPSK	25	14		23.52		25.2	0.0
10	QPSK	25	27		22.58		24.2	1.0
10	QPSK	50	0		22.60			
10	16QAM	1	1		22.64		24.2	1.0
10	64QAM	1	1		21.13		22.7	2.5
10	256QAM	1	1		19.02		20.7	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	23.86	23.85	23.97	25.2	0.0

n13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					156400			
Frequency (MHz)					782			
10	PI/2 BPSK	1	1		22.77		24.3	0.0
10	PI/2 BPSK	1	26		22.75			
10	PI/2 BPSK	1	50		22.72			
10	PI/2 BPSK	25	0		22.28		23.8	0.5
10	PI/2 BPSK	25	14		22.72		24.3	0.0
10	PI/2 BPSK	25	27		22.22		23.8	0.5
10	PI/2 BPSK	50	0		22.24			
10	QPSK	1	1		22.82		24.3	0.0
10	QPSK	1	26		22.77			
10	QPSK	1	50		22.75			
10	QPSK	25	0		21.74		23.3	1.0
10	QPSK	25	14		22.63		24.3	0.0
10	QPSK	25	27		21.69		23.3	1.0
10	QPSK	50	0		21.79			
10	16QAM	1	1		21.73		23.3	1.0
10	64QAM	1	1		20.22		21.8	2.5
10	256QAM	1	1		18.06		19.8	4.5
Channel				155900	156400	156900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	1	22.68	22.74	22.67	24.3	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.84	16.90	16.77	18.2	0.0
40	PI/2 BPSK	1	108	16.83	16.90	16.77		
40	PI/2 BPSK	1	214	16.79	16.88	16.83		
40	PI/2 BPSK	108	0	16.81	16.92	16.75	18.2	0.0
40	PI/2 BPSK	108	54	16.81	16.91	16.87	18.2	0.0
40	PI/2 BPSK	108	108	16.78	16.97	16.82	18.2	0.0
40	PI/2 BPSK	216	0	16.86	16.91	16.77		
40	QPSK	1	1	16.92	17.00	16.89	18.2	0.0
40	QPSK	1	108	16.91	16.95	16.87		
40	QPSK	1	214	16.87	16.97	16.80		
40	QPSK	108	0	16.88	16.92	16.71	18.2	0.0
40	QPSK	108	54	16.89	16.96	16.85	18.2	0.0
40	QPSK	108	108	16.87	16.94	16.70	18.2	0.0
40	QPSK	216	0	16.81	16.93	16.83		
40	16QAM	1	1	16.79	16.94	16.82	18.2	0.0
40	64QAM	1	1	16.79	16.88	16.82	18.2	0.0
40	256QAM	1	1	16.80	16.95	16.82	18.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.83	16.89	16.77	18.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.89	16.88	16.85	18.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.91	16.91	16.83	18.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.86	16.95	16.76	18.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.91	16.86	16.86	18.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.90	16.95	16.76	18.2	0.0

n25_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.46	17.62	17.38	18.7	0.0
40	PI/2 BPSK	1	108	17.39	17.55	17.43		
40	PI/2 BPSK	1	214	17.45	17.57	17.44		
40	PI/2 BPSK	108	0	17.43	17.64	17.38	18.7	0.0
40	PI/2 BPSK	108	54	17.40	17.55	17.46	18.7	0.0
40	PI/2 BPSK	108	108	17.33	17.53	17.43	18.7	0.0
40	PI/2 BPSK	216	0	17.36	17.57	17.48		
40	QPSK	1	1	17.48	17.68	17.50	18.7	0.0
40	QPSK	1	108	17.34	17.59	17.37		
40	QPSK	1	214	17.35	17.64	17.47		
40	QPSK	108	0	17.32	17.54	17.44	18.7	0.0
40	QPSK	108	54	17.42	17.63	17.46	18.7	0.0
40	QPSK	108	108	17.30	17.49	17.42	18.7	0.0
40	QPSK	216	0	17.40	17.55	17.45		
40	16QAM	1	1	17.42	17.62	17.44	18.7	0.0
40	64QAM	1	1	17.40	17.54	17.49	18.7	0.0
40	256QAM	1	1	17.23	17.36	17.33	18.7	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.42	17.57	17.49	18.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.37	17.59	17.38	18.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.45	17.54	17.44	18.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.47	17.62	17.46	18.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.47	17.65	17.45	18.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.40	17.54	17.44	18.7	0.0

n25_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.07	21.14	21.02	22.2	0.0
40	PI/2 BPSK	1	108	21.08	21.18	21.04		
40	PI/2 BPSK	1	214	21.05	21.24	21.13		
40	PI/2 BPSK	108	0	21.10	21.19	21.10	22.2	0.0
40	PI/2 BPSK	108	54	21.01	21.11	21.04	22.2	0.0
40	PI/2 BPSK	108	108	21.02	21.18	21.05	22.2	0.0
40	PI/2 BPSK	216	0	21.05	21.23	21.07		
40	QPSK	1	1	21.15	21.23	21.10	22.2	0.0
40	QPSK	1	108	21.05	21.17	20.99		
40	QPSK	1	214	21.04	21.15	21.00		
40	QPSK	108	0	21.03	21.16	21.04	22.2	0.0
40	QPSK	108	54	21.13	21.19	21.08	22.2	0.0
40	QPSK	108	108	21.01	21.10	21.04	22.2	0.0
40	QPSK	216	0	21.01	21.11	21.02		
40	16QAM	1	1	21.01	21.21	20.99	22.2	0.0
40	64QAM	1	1	21.11	21.18	21.13	21.7	0.5
40	256QAM	1	1	19.21	19.23	19.21	19.7	2.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.09	21.13	21.02	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.06	21.22	21.04	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.00	21.10	21.01	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.00	21.18	21.09	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.14	21.12	20.95	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.01	21.19	21.00	22.2	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.71	16.74	16.61	17.7	0.0
40	PI/2 BPSK	1	108	16.65	16.73	16.63		
40	PI/2 BPSK	1	214	16.77	16.82	16.69		
40	PI/2 BPSK	108	0	16.76	16.75	16.61	17.7	0.0
40	PI/2 BPSK	108	54	16.68	16.82	16.64	17.7	0.0
40	PI/2 BPSK	108	108	16.76	16.79	16.60	17.7	0.0
40	PI/2 BPSK	216	0	16.73	16.80	16.73		
40	QPSK	1	1	16.78	16.84	16.74	17.7	0.0
40	QPSK	1	108	16.72	16.80	16.63		
40	QPSK	1	214	16.63	16.79	16.61		
40	QPSK	108	0	16.66	16.71	16.69	17.7	0.0
40	QPSK	108	54	16.74	16.81	16.71	17.7	0.0
40	QPSK	108	108	16.71	16.75	16.56	17.7	0.0
40	QPSK	216	0	16.72	16.80	16.66		
40	16QAM	1	1	16.73	16.70	16.66	17.7	0.0
40	64QAM	1	1	16.72	16.80	16.68	17.7	0.0
40	256QAM	1	1	16.64	16.76	16.68	17.7	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.67	16.70	16.63	17.7	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.71	16.78	16.62	17.7	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.72	16.83	16.69	17.7	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.64	16.83	16.73	17.7	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.72	16.74	16.63	17.7	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.76	16.76	16.68	17.7	0.0

n26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.39	24.33	25.2	0.0
20	PI/2 BPSK	1	53	24.29	24.38	24.35		
20	PI/2 BPSK	1	104	24.27	24.30	24.25		
20	PI/2 BPSK	50	0	23.89	23.91	23.80	24.7	0.5
20	PI/2 BPSK	50	28	24.36	24.47	24.44	25.2	0.0
20	PI/2 BPSK	50	56	23.87	23.90	23.83	24.7	0.5
20	PI/2 BPSK	100	0	23.81	23.94	23.85		
20	QPSK	1	1	24.44	24.51	24.38	25.2	0.0
20	QPSK	1	53	24.28	24.30	24.15		
20	QPSK	1	104	24.24	24.33	24.31		
20	QPSK	50	0	23.38	23.40	23.28	24.2	1.0
20	QPSK	50	28	24.18	24.32	24.18	25.2	0.0
20	QPSK	50	56	23.36	23.38	23.25	24.2	1.0
20	QPSK	100	0	23.24	23.39	23.29		
20	16QAM	1	1	23.33	23.35	23.30	24.2	1.0
20	64QAM	1	1	21.65	21.77	21.75	22.7	2.5
20	256QAM	1	1	19.89	19.92	19.86	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.34	24.48	24.34	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.42	24.49	24.36	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.43	24.43	24.32	25.2	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.39	23.42	23.28	24.3	0.0
20	PI/2 BPSK	1	53	23.27	23.39	23.30		
20	PI/2 BPSK	1	104	23.31	23.41	23.28		
20	PI/2 BPSK	50	0	22.88	22.92	22.79	23.8	0.5
20	PI/2 BPSK	50	28	23.33	23.39	23.26	24.3	0.0
20	PI/2 BPSK	50	56	22.85	22.97	22.85	23.8	0.5
20	PI/2 BPSK	100	0	22.80	22.94	22.90		
20	QPSK	1	1	23.40	23.45	23.43	24.3	0.0
20	QPSK	1	53	23.24	23.37	23.33		
20	QPSK	1	104	23.28	23.42	23.27		
20	QPSK	50	0	22.40	22.45	22.30	23.3	1.0
20	QPSK	50	28	23.31	23.36	23.23	24.3	0.0
20	QPSK	50	56	22.40	22.45	22.37	23.3	1.0
20	QPSK	100	0	22.32	22.39	22.28		
20	16QAM	1	1	22.38	22.45	22.33	23.3	1.0
20	64QAM	1	1	20.90	20.91	20.76	21.8	2.5
20	256QAM	1	1	18.91	18.96	18.95	19.8	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.27	23.44	23.37	24.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.32	23.33	23.38	24.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.38	23.35	23.40	24.3	0.0

n30_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		16.95		18.4	0.0
10	PI/2 BPSK	1	26		17.00			
10	PI/2 BPSK	1	50		16.92			
10	PI/2 BPSK	25	0		17.05		18.4	0.0
10	PI/2 BPSK	25	14		17.03		18.4	0.0
10	PI/2 BPSK	25	27		16.97		18.4	0.0
10	PI/2 BPSK	50	0		17.06			
10	QPSK	1	1		17.07		18.4	0.0
10	QPSK	1	26		16.93			
10	QPSK	1	50		16.93			
10	QPSK	25	0		16.96		18.4	0.0
10	QPSK	25	14		17.04		18.4	0.0
10	QPSK	25	27		16.89		18.4	0.0
10	QPSK	50	0		16.99			
10	16QAM	1	1		17.06		18.4	0.0
10	64QAM	1	1		17.03		18.4	0.0
10	256QAM	1	1		17.06		18.4	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	16.99	16.92	17.00	18.4	0.0

n30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.27		19.4	0.0
10	PI/2 BPSK	1	26		18.21			
10	PI/2 BPSK	1	50		18.21			
10	PI/2 BPSK	25	0		18.21		19.4	0.0
10	PI/2 BPSK	25	14		18.27		19.4	0.0
10	PI/2 BPSK	25	27		18.23		19.4	0.0
10	PI/2 BPSK	50	0		18.32			
10	QPSK	1	1		18.33		19.4	0.0
10	QPSK	1	26		18.27			
10	QPSK	1	50		18.18			
10	QPSK	25	0		18.21		19.4	0.0
10	QPSK	25	14		18.28		19.4	0.0
10	QPSK	25	27		18.15		19.4	0.0
10	QPSK	50	0		18.26			
10	16QAM	1	1		18.31		19.4	0.0
10	64QAM	1	1		18.32		19.4	0.0
10	256QAM	1	1		16.83		17.9	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.24	18.22	18.29	19.4	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.29	17.61	17.48	18.7	0.0
40	PI/2 BPSK	1	108	17.27	17.50	17.42		
40	PI/2 BPSK	1	214	17.28	17.50	17.40		
40	PI/2 BPSK	108	0	17.33	17.58	17.46	18.7	0.0
40	PI/2 BPSK	108	54	17.41	17.57	17.47	18.7	0.0
40	PI/2 BPSK	108	108	17.28	17.60	17.48	18.7	0.0
40	PI/2 BPSK	216	0	17.29	17.60	17.41		
40	QPSK	1	1	17.42	17.62	17.53	18.7	0.0
40	QPSK	1	108	17.36	17.47	17.45		
40	QPSK	1	214	17.41	17.58	17.46		
40	QPSK	108	0	17.24	17.49	17.39	18.7	0.0
40	QPSK	108	54	17.35	17.56	17.51	18.7	0.0
40	QPSK	108	108	17.33	17.46	17.38	18.7	0.0
40	QPSK	216	0	17.27	17.50	17.47		
40	16QAM	1	1	17.33	17.50	17.42	18.7	0.0
40	64QAM	1	1	17.32	17.59	17.38	18.7	0.0
40	256QAM	1	1	17.33	17.48	17.43	18.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.34	17.56	17.45	18.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.34	17.54	17.52	18.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.30	17.49	17.51	18.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.39	17.56	17.40	18.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.34	17.49	17.49	18.7	0.0

n66_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.43	15.39	15.28	16.7	0.0
40	PI/2 BPSK	1	108	15.32	15.44	15.29		
40	PI/2 BPSK	1	214	15.42	15.46	15.27		
40	PI/2 BPSK	108	0	15.40	15.40	15.41	16.7	0.0
40	PI/2 BPSK	108	54	15.39	15.51	15.29	16.7	0.0
40	PI/2 BPSK	108	108	15.33	15.42	15.36	16.7	0.0
40	PI/2 BPSK	216	0	15.44	15.48	15.39		
40	QPSK	1	1	15.47	15.54	15.42	16.7	0.0
40	QPSK	1	108	15.39	15.45	15.35		
40	QPSK	1	214	15.37	15.45	15.41		
40	QPSK	108	0	15.36	15.40	15.27	16.7	0.0
40	QPSK	108	54	15.43	15.46	15.35	16.7	0.0
40	QPSK	108	108	15.41	15.37	15.25	16.7	0.0
40	QPSK	216	0	15.37	15.45	15.32		
40	16QAM	1	1	15.33	15.40	15.32	16.7	0.0
40	64QAM	1	1	15.33	15.51	15.31	16.7	0.0
40	256QAM	1	1	15.39	15.40	15.39	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.37	15.46	15.40	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.38	15.42	15.41	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.46	15.45	15.28	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.38	15.45	15.39	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.46	15.43	15.38	16.7	0.0

n66_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.56	20.67	20.67	21.7	0.0
40	PI/2 BPSK	1	108	20.66	20.73	20.70		
40	PI/2 BPSK	1	214	20.63	20.68	20.67		
40	PI/2 BPSK	108	0	20.63	20.69	20.59	21.7	0.0
40	PI/2 BPSK	108	54	20.70	20.64	20.59	21.7	0.0
40	PI/2 BPSK	108	108	20.56	20.71	20.58	21.7	0.0
40	PI/2 BPSK	216	0	20.58	20.70	20.66		
40	QPSK	1	1	20.71	20.79	20.72	21.7	0.0
40	QPSK	1	108	20.58	20.76	20.60		
40	QPSK	1	214	20.57	20.70	20.68		
40	QPSK	108	0	20.54	20.63	20.67	21.7	0.0
40	QPSK	108	54	20.66	20.74	20.71	21.7	0.0
40	QPSK	108	108	20.58	20.62	20.62	21.7	0.0
40	QPSK	216	0	20.65	20.67	20.66		
40	16QAM	1	1	20.67	20.73	20.63	21.7	0.0
40	64QAM	1	1	20.68	20.69	20.67	21.7	0.0
40	256QAM	1	1	19.31	19.37	19.25	20.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.60	20.72	20.60	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.62	20.69	20.68	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.69	20.71	20.66	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.66	20.67	20.64	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.69	20.65	20.60	21.7	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.56	15.74	15.74	17.2	0.0
40	PI/2 BPSK	1	108	15.58	15.82	15.76		
40	PI/2 BPSK	1	214	15.56	15.74	15.68		
40	PI/2 BPSK	108	0	15.61	15.82	15.75	17.2	0.0
40	PI/2 BPSK	108	54	15.53	15.72	15.66	17.2	0.0
40	PI/2 BPSK	108	108	15.64	15.80	15.73	17.2	0.0
40	PI/2 BPSK	216	0	15.54	15.86	15.65		
40	QPSK	1	1	15.68	15.87	15.79	17.2	0.0
40	QPSK	1	108	15.53	15.75	15.64		
40	QPSK	1	214	15.55	15.80	15.73		
40	QPSK	108	0	15.60	15.72	15.74	17.2	0.0
40	QPSK	108	54	15.67	15.81	15.76	17.2	0.0
40	QPSK	108	108	15.55	15.74	15.74	17.2	0.0
40	QPSK	216	0	15.60	15.77	15.72		
40	16QAM	1	1	15.58	15.76	15.73	17.2	0.0
40	64QAM	1	1	15.60	15.80	15.77	17.2	0.0
40	256QAM	1	1	15.55	15.85	15.77	17.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.62	15.76	15.74	17.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.65	15.85	15.76	17.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.56	15.80	15.66	17.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.56	15.82	15.72	17.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.57	15.81	15.72	17.2	0.0

n71_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.17	22.21	22.20	24.7	0.0
20	PI/2 BPSK	1	53	22.33	22.39	22.29		
20	PI/2 BPSK	1	104	22.25	22.34	22.24		
20	PI/2 BPSK	50	0	22.22	22.32	22.22	24.7	0.0
20	PI/2 BPSK	50	28	22.13	22.24	22.10	24.7	0.0
20	PI/2 BPSK	50	56	22.21	22.27	22.20	24.7	0.0
20	PI/2 BPSK	100	0	22.28	22.33	22.18		
20	QPSK	1	1	23.85	23.88	23.76	24.7	0.0
20	QPSK	1	53	23.82	23.84	23.71		
20	QPSK	1	104	23.80	23.81	23.73		
20	QPSK	50	0	22.77	22.91	22.88	23.7	1.0
20	QPSK	50	28	23.72	23.86	23.79	24.7	0.0
20	QPSK	50	56	22.74	22.81	22.68	23.7	1.0
20	QPSK	100	0	22.78	22.89	22.77		
20	16QAM	1	1	22.68	22.73	22.70	23.7	1.0
20	64QAM	1	1	21.11	21.23	21.16	22.2	2.5
20	256QAM	1	1	19.14	19.24	19.23	20.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.84	23.77	23.74	24.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.73	23.77	23.67	24.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.77	23.76	23.75	24.7	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	21.40	21.52	21.44	23.8	0.0
20	PI/2 BPSK	1	53	21.49	21.61	21.46		
20	PI/2 BPSK	1	104	21.41	21.56	21.48		
20	PI/2 BPSK	50	0	21.37	21.49	21.35	23.8	0.0
20	PI/2 BPSK	50	28	21.53	21.59	21.51	23.8	0.0
20	PI/2 BPSK	50	56	21.46	21.60	21.51	23.8	0.0
20	PI/2 BPSK	100	0	21.49	21.51	21.41		
20	QPSK	1	1	23.08	23.09	22.98	23.8	0.0
20	QPSK	1	53	22.92	23.01	22.87		
20	QPSK	1	104	22.93	23.06	22.92		
20	QPSK	50	0	22.07	22.08	22.01	22.8	1.0
20	QPSK	50	28	23.06	23.07	22.97	23.8	0.0
20	QPSK	50	56	22.10	22.11	21.96	22.8	1.0
20	QPSK	100	0	22.03	22.12	21.99		
20	16QAM	1	1	21.91	21.92	21.91	22.8	1.0
20	64QAM	1	1	20.43	20.54	20.51	21.3	2.5
20	256QAM	1	1	18.44	18.57	18.52	19.3	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.99	23.04	22.95	23.8	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.06	22.97	22.84	23.8	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.94	23.03	22.94	23.8	0.0

n38_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.17	15.24	15.10	16.7	0.0
40	PI/2 BPSK	1	53	15.17	15.27	15.07		
40	PI/2 BPSK	1	104	15.07	15.21	15.17		
40	PI/2 BPSK	50	0	15.10	15.28	15.18	16.7	0.0
40	PI/2 BPSK	50	28	15.10	15.26	15.18	16.7	0.0
40	PI/2 BPSK	50	56	15.07	15.20	15.05	16.7	0.0
40	PI/2 BPSK	100	0	15.14	15.31	15.10		
40	QPSK	1	1	15.20	15.34	15.19	16.7	0.0
40	QPSK	1	53	15.09	15.19	15.10		
40	QPSK	1	104	15.12	15.22	15.06		
40	QPSK	50	0	15.05	15.19	15.11	16.7	0.0
40	QPSK	50	28	15.16	15.31	15.18	16.7	0.0
40	QPSK	50	56	15.07	15.21	15.07	16.7	0.0
40	QPSK	100	0	15.11	15.30	15.10		
40	16QAM	1	1	15.09	15.29	15.09	16.7	0.0
40	64QAM	1	1	15.06	15.19	15.12	16.7	0.0
40	256QAM	1	1	15.06	15.23	15.07	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.13	15.31	15.15	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.12	15.22	15.06	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.18	15.33	15.06	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.12	15.31	15.16	16.7	0.0

n38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.91	16.06	15.91	16.7	0.0
40	PI/2 BPSK	1	53	15.99	16.05	15.88		
40	PI/2 BPSK	1	104	16.01	16.05	15.89		
40	PI/2 BPSK	50	0	15.93	15.98	15.82	16.7	0.0
40	PI/2 BPSK	50	28	15.94	16.05	15.88	16.7	0.0
40	PI/2 BPSK	50	56	15.94	16.07	15.85	16.7	0.0
40	PI/2 BPSK	100	0	15.96	16.05	15.81		
40	QPSK	1	1	16.06	16.09	15.96	16.7	0.0
40	QPSK	1	53	16.02	16.00	15.84		
40	QPSK	1	104	15.91	15.95	15.82		
40	QPSK	50	0	15.98	16.03	15.85	16.7	0.0
40	QPSK	50	28	15.99	16.07	15.88	16.7	0.0
40	QPSK	50	56	15.88	16.02	15.75	16.7	0.0
40	QPSK	100	0	15.95	15.99	15.87		
40	16QAM	1	1	15.92	16.05	15.93	16.7	0.0
40	64QAM	1	1	15.94	16.03	15.83	16.7	0.0
40	256QAM	1	1	15.91	15.97	15.87	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.92	15.95	15.85	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.00	15.97	15.83	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.95	16.01	15.87	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.97	15.96	15.87	16.7	0.0

n38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.57	16.62	16.61	17.7	0.0
40	PI/2 BPSK	1	53	16.57	16.65	16.52		
40	PI/2 BPSK	1	104	16.61	16.62	16.51		
40	PI/2 BPSK	50	0	16.61	16.60	16.54	17.7	0.0
40	PI/2 BPSK	50	28	16.49	16.65	16.57	17.7	0.0
40	PI/2 BPSK	50	56	16.60	16.66	16.48	17.7	0.0
40	PI/2 BPSK	100	0	16.54	16.61	16.61		
40	QPSK	1	1	16.62	16.68	16.63	17.7	0.0
40	QPSK	1	53	16.57	16.58	16.51		
40	QPSK	1	104	16.52	16.62	16.53		
40	QPSK	50	0	16.48	16.56	16.52	17.7	0.0
40	QPSK	50	28	16.58	16.60	16.56	17.7	0.0
40	QPSK	50	56	16.48	16.55	16.41	17.7	0.0
40	QPSK	100	0	16.52	16.54	16.49		
40	16QAM	1	1	16.56	16.54	16.60	17.7	0.0
40	64QAM	1	1	16.48	16.57	16.61	17.7	0.0
40	256QAM	1	1	16.58	16.56	16.52	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.53	16.65	16.55	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.51	16.55	16.55	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.59	16.63	16.54	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.50	16.61	16.55	17.7	0.0

n38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.81	14.83	14.83		
40	PI/2 BPSK	1	53	14.76	14.84	14.86	15.7	0.0
40	PI/2 BPSK	1	104	14.80	14.81	14.82		
40	PI/2 BPSK	50	0	14.72	14.87	14.85	15.7	0.0
40	PI/2 BPSK	50	28	14.73	14.82	14.75	15.7	0.0
40	PI/2 BPSK	50	56	14.75	14.86	14.76	15.7	0.0
40	PI/2 BPSK	100	0	14.68	14.86	14.88		
40	QPSK	1	1	14.82	14.95	14.90		
40	QPSK	1	53	14.67	14.94	14.87	15.7	0.0
40	QPSK	1	104	14.69	14.87	14.79		
40	QPSK	50	0	14.65	14.92	14.75	15.7	0.0
40	QPSK	50	28	14.78	14.94	14.87	15.7	0.0
40	QPSK	50	56	14.71	14.79	14.84	15.7	0.0
40	QPSK	100	0	14.73	14.86	14.79		
40	16QAM	1	1	14.70	14.84	14.76	15.7	0.0
40	64QAM	1	1	14.70	14.85	14.87	15.7	0.0
40	256QAM	1	1	14.78	14.92	14.85	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.73	14.91	14.86	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.67	14.93	14.80	15.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.74	14.94	14.86	15.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.78	14.89	14.89	15.7	0.0

FCC_n41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.91	15.90	15.72		
100	PI/2 BPSK	1	137	15.93	15.93	15.72	17.2	0.0
100	PI/2 BPSK	1	271	15.92	15.89	15.77		
100	PI/2 BPSK	135	0	15.84	15.81	15.68	17.2	0.0
100	PI/2 BPSK	135	69	15.83	15.88	15.75	17.2	0.0
100	PI/2 BPSK	135	138	15.82	15.91	15.78	17.2	0.0
100	PI/2 BPSK	270	0	15.82	15.92	15.79		
100	QPSK	1	1	15.95	15.96	15.82		
100	QPSK	1	137	15.86	15.86	15.76	17.2	0.0
100	QPSK	1	271	15.89	15.90	15.69		
100	QPSK	135	0	15.85	15.78	15.68	17.2	0.0
100	QPSK	135	69	15.88	15.88	15.74	17.2	0.0
100	QPSK	135	138	15.77	15.83	15.61	17.2	0.0
100	QPSK	270	0	15.80	15.83	15.73		
100	16QAM	1	1	15.91	15.85	15.70	17.2	0.0
100	64QAM	1	1	15.84	15.88	15.79	17.2	0.0
100	256QAM	1	1	15.81	15.87	15.67	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.91	15.81	15.68	17.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.89	15.82	15.80	17.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.87	15.89	15.69	17.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.91	15.94	15.75	17.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.90	15.95	15.76	17.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.87	15.81	15.74	17.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.94	15.86	15.77	17.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.91	15.90	15.72	17.2	0.0

FCC_n41_Ant 4 HPUE

BW [MHz]	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	15.91	15.90	15.72		
100	PI/2 BPSK	1	137	15.93	15.93	15.72	17.2	0.0
100	PI/2 BPSK	1	271	15.92	15.89	15.77		
100	PI/2 BPSK	135	0	15.84	15.81	15.68	17.2	0.0
100	PI/2 BPSK	135	69	15.83	15.88	15.75	17.2	0.0
100	PI/2 BPSK	135	138	15.82	15.91	15.78	17.2	0.0
100	PI/2 BPSK	270	0	15.82	15.92	15.79		
100	QPSK	1	1	15.95	15.96	15.82		
100	QPSK	1	137	15.86	15.86	15.76	17.2	0.0
100	QPSK	1	271	15.89	15.90	15.69		
100	QPSK	135	0	15.85	15.78	15.68	17.2	0.0
100	QPSK	135	69	15.88	15.88	15.74	17.2	0.0
100	QPSK	135	138	15.77	15.83	15.61	17.2	0.0
100	QPSK	270	0	15.80	15.83	15.73		
100	16QAM	1	1	15.91	15.85	15.70	17.2	0.0
100	64QAM	1	1	15.84	15.88	15.79	17.2	0.0
100	256QAM	1	1	15.81	15.87	15.67	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.91	15.81	15.68	17.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.89	15.82	15.80	17.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.87	15.89	15.69	17.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.91	15.94	15.75	17.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.90	15.95	15.76	17.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.87	15.81	15.74	17.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.94	15.86	15.77	17.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.91	15.90	15.72	17.2	0.0

FCC_n41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.25	15.46	15.33		
100	PI/2 BPSK	1	137	15.18	15.53	15.36	16.2	0.0
100	PI/2 BPSK	1	271	15.21	15.49	15.35		
100	PI/2 BPSK	135	0	15.28	15.45	15.34	16.2	0.0
100	PI/2 BPSK	135	69	15.23	15.48	15.30	16.2	0.0
100	PI/2 BPSK	135	138	15.25	15.50	15.42	16.2	0.0
100	PI/2 BPSK	270	0	15.31	15.44	15.43		
100	QPSK	1	1	15.33	15.55	15.44		
100	QPSK	1	137	15.29	15.49	15.32	16.2	0.0
100	QPSK	1	271	15.27	15.54	15.41		
100	QPSK	135	0	15.19	15.39	15.27	16.2	0.0
100	QPSK	135	69	15.32	15.48	15.37	16.2	0.0
100	QPSK	135	138	15.23	15.46	15.34	16.2	0.0
100	QPSK	270	0	15.29	15.46	15.29		
100	16QAM	1	1	15.29	15.54	15.42	16.2	0.0
100	64QAM	1	1	15.25	15.49	15.41	16.2	0.0
100	256QAM	1	1	15.20	15.54	15.36	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	16.2	0.0
90	QPSK	1	1	15.21	15.52	15.42		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	16.2	0.0
80	QPSK	1	1	15.28	15.48	15.30		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	16.2	0.0
70	QPSK	1	1	15.31	15.43	15.40		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	16.2	0.0
60	QPSK	1	1	15.31	15.48	15.40		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	16.2	0.0
50	QPSK	1	1	15.31	15.40	15.41		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	16.2	0.0
40	QPSK	1	1	15.30	15.51	15.41		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	16.2	0.0
30	QPSK	1	1	15.27	15.53	15.35		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	16.2	0.0
20	QPSK	1	1	15.21	15.51	15.29	16.2	0.0

FCC_n41_Ant 6 HPUE

BW [MHz]	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	15.25	15.46	15.33		
100	PI/2 BPSK	1	137	15.18	15.53	15.36	16.2	0.0
100	PI/2 BPSK	1	271	15.21	15.49	15.35		
100	PI/2 BPSK	135	0	15.28	15.45	15.34	16.2	0.0
100	PI/2 BPSK	135	69	15.23	15.48	15.30	16.2	0.0
100	PI/2 BPSK	135	138	15.25	15.50	15.42	16.2	0.0
100	PI/2 BPSK	270	0	15.31	15.44	15.43		
100	QPSK	1	1	15.33	15.55	15.44		
100	QPSK	1	137	15.29	15.49	15.32	16.2	0.0
100	QPSK	1	271	15.27	15.54	15.41		
100	QPSK	135	0	15.19	15.39	15.27	16.2	0.0
100	QPSK	135	69	15.32	15.48	15.37	16.2	0.0
100	QPSK	135	138	15.23	15.46	15.34	16.2	0.0
100	QPSK	270	0	15.29	15.46	15.29		
100	16QAM	1	1	15.29	15.54	15.42	16.2	0.0
100	64QAM	1	1	15.25	15.49	15.41	16.2	0.0
100	256QAM	1	1	15.20	15.54	15.36	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	16.2	0.0
90	QPSK	1	1	15.21	15.52	15.42		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	16.2	0.0
80	QPSK	1	1	15.28	15.48	15.30		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	16.2	0.0
70	QPSK	1	1	15.31	15.43	15.40		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	16.2	0.0
60	QPSK	1	1	15.31	15.48	15.40		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	16.2	0.0
50	QPSK	1	1	15.31	15.40	15.41		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	16.2	0.0
40	QPSK	1	1	15.30	15.51	15.41		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	16.2	0.0
30	QPSK	1	1	15.27	15.53	15.35		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	16.2	0.0
20	QPSK	1	1	15.21	15.51	15.29	16.2	0.0

FCC_n41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.54	17.73	17.65		
100	PI/2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	PI/2 BPSK	1	271	17.44	17.69	17.72		
100	PI/2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	PI/2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	PI/2 BPSK	135	138	17.49	17.71	17.61	18.7	0.0
100	PI/2 BPSK	270	0	17.51	17.67	17.64		
100	QPSK	1	1	17.58	17.79	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.53	17.74	17.70	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59	18.7	0.0
100	QPSK	270	0	17.48	17.68	17.63		
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98	18.7	0.0
90	QPSK	1	1	17.53	17.67	17.72		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	18.7	0.0
80	QPSK	1	1	17.51	17.69	17.61		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	18.7	0.0
70	QPSK	1	1	17.47	17.75	17.71		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	18.7	0.0
60	QPSK	1	1	17.47	17.71	17.60		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	18.7	0.0
50	QPSK	1	1	17.47	17.65	17.65		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	18.7	0.0
40	QPSK	1	1	17.57	17.78	17.73		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	18.7	0.0
30	QPSK	1	1	17.43	17.69	17.62		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	18.7	0.0
20	QPSK	1	1	17.45	17.66	17.72	18.7	0.0

FCC_n41_Ant 5 HPUE

BW [MHz]	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	17.54	17.73	17.65		
100	PI/2 BPSK	1	137	17.47	17.67	17.67	18.7	0.0
100	PI/2 BPSK	1	271	17.44	17.69	17.72		
100	PI/2 BPSK	135	0	17.52	17.73	17.62	18.7	0.0
100	PI/2 BPSK	135	69	17.52	17.70	17.73	18.7	0.0
100	PI/2 BPSK	135	138	17.49	17.71	17.61	18.7	0.0
100	PI/2 BPSK	270	0	17.51	17.67	17.64		
100	QPSK	1	1	17.56	17.79	17.74		
100	QPSK	1	137	17.54	17.68	17.69	18.7	0.0
100	QPSK	1	271	17.52	17.73	17.72		
100	QPSK	135	0	17.47	17.60	17.62	18.7	0.0
100	QPSK	135	69	17.53	17.74	17.70	18.7	0.0
100	QPSK	135	138	17.45	17.73	17.59	18.7	0.0
100	QPSK	270	0	17.48	17.68	17.63		
100	16QAM	1	1	17.52	17.75	17.64	18.7	0.0
100	64QAM	1	1	17.54	17.70	17.68	18.7	0.0
100	256QAM	1	1	17.50	17.67	17.62	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.53	17.67	17.72	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.51	17.69	17.61	18.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.47	17.75	17.71	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.47	17.71	17.60	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.47	17.65	17.65	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.57	17.78	17.73	18.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.43	17.69	17.62	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.45	17.66	17.72	18.7	0.0

FCC_n41_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.70	15.95	15.69		
100	PI/2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI/2 BPSK	1	271	15.80	15.86	15.72		
100	PI/2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI/2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI/2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0
100	PI/2 BPSK	270	0	15.76	15.90	15.75		
100	QPSK	1	1	15.83	15.98	15.84		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0
100	QPSK	270	0	15.72	15.92	15.73		
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.75	15.96	15.72	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.76	15.91	15.74	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.81	15.95	15.70	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.78	15.95	15.69	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.73	15.89	15.77	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.74	15.87	15.71	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.74	15.92	15.80	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.77	15.90	15.83	16.7	0.0

FCC_n41_Ant 0 HPUE

BW [MHz]	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	15.70	15.95	15.69		
100	PI/2 BPSK	1	137	15.81	15.84	15.69	16.7	0.0
100	PI/2 BPSK	1	271	15.80	15.86	15.72		
100	PI/2 BPSK	135	0	15.74	15.95	15.80	16.7	0.0
100	PI/2 BPSK	135	69	15.69	15.96	15.69	16.7	0.0
100	PI/2 BPSK	135	138	15.73	15.92	15.82	16.7	0.0
100	PI/2 BPSK	270	0	15.76	15.90	15.75		
100	QPSK	1	1	15.83	15.98	15.84		
100	QPSK	1	137	15.70	15.86	15.73	16.7	0.0
100	QPSK	1	271	15.77	15.89	15.79		
100	QPSK	135	0	15.68	15.82	15.75	16.7	0.0
100	QPSK	135	69	15.80	15.97	15.77	16.7	0.0
100	QPSK	135	138	15.77	15.95	15.69	16.7	0.0
100	QPSK	270	0	15.72	15.92	15.73		
100	16QAM	1	1	15.79	15.83	15.69	16.7	0.0
100	64QAM	1	1	15.74	15.96	15.69	16.7	0.0
100	256QAM	1	1	15.76	15.91	15.82	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.75	15.96	15.72	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.76	15.91	15.74	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.81	15.95	15.70	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.78	15.95	15.69	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.73	15.89	15.77	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.74	15.87	15.71	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.74	15.92	15.80	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.77	15.90	15.83	16.7	0.0

n48_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.93	15.99	16.01	17.2	0.0
40	PI/2 BPSK	1	53	15.98	15.99	15.96		
40	PI/2 BPSK	1	104	15.99	16.08	15.97		
40	PI/2 BPSK	50	0	15.97	16.01	15.95	17.2	0.0
40	PI/2 BPSK	50	28	15.99	16.01	16.00	17.2	0.0
40	PI/2 BPSK	50	56	15.95	16.11	15.97	17.2	0.0
40	PI/2 BPSK	100	0	16.01	16.01	15.96		
40	QPSK	1	1	16.02	16.12	16.06	17.2	0.0
40	QPSK	1	53	15.88	16.09	16.01		
40	QPSK	1	104	15.95	16.05	15.95		
40	QPSK	50	0	15.80	15.98	15.90	17.2	0.0
40	QPSK	50	28	15.95	16.07	15.99	17.2	0.0
40	QPSK	50	56	15.84	16.00	15.92	17.2	0.0
40	QPSK	100	0	15.91	16.03	15.98		
40	16QAM	1	1	15.95	16.08	15.95	17.2	0.0
40	64QAM	1	1	15.97	16.10	15.93	17.2	0.0
40	256QAM	1	1	16.00	16.10	15.97	17.2	0.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	15.88	16.02	15.97	17.2	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	15.90	16.04	16.03	17.2	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	15.96	16.00	15.98	17.2	0.0

n48_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.75	16.88	16.72	17.8	0.0
40	PI/2 BPSK	1	53	16.84	16.84	16.78		
40	PI/2 BPSK	1	104	16.76	16.82	16.70		
40	PI/2 BPSK	50	0	16.87	16.80	16.72	17.8	0.0
40	PI/2 BPSK	50	28	16.74	16.86	16.68	17.8	0.0
40	PI/2 BPSK	50	56	16.86	16.93	16.73	17.8	0.0
40	PI/2 BPSK	100	0	16.85	16.81	16.76		
40	QPSK	1	1	16.89	16.94	16.79	17.8	0.0
40	QPSK	1	53	16.87	16.87	16.77		
40	QPSK	1	104	16.75	16.86	16.69		
40	QPSK	50	0	16.68	16.74	16.77	17.8	0.0
40	QPSK	50	28	16.82	16.86	16.78	17.8	0.0
40	QPSK	50	56	16.69	16.73	16.73	17.8	0.0
40	QPSK	100	0	16.78	16.85	16.76		
40	16QAM	1	1	16.81	16.80	16.76	17.8	0.0
40	64QAM	1	1	16.86	16.81	16.68	17.8	0.0
40	256QAM	1	1	16.84	16.83	16.65	17.8	0.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	16.76	16.80	16.73	17.8	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	16.83	16.86	16.72	17.8	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	16.78	16.89	16.65	17.8	0.0

n48_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.90	14.05	13.88	14.7	0.0
40	PI/2 BPSK	1	53	13.96	13.98	13.87		
40	PI/2 BPSK	1	104	13.90	13.95	13.84		
40	PI/2 BPSK	50	0	13.94	14.05	13.88	14.7	0.0
40	PI/2 BPSK	50	28	13.97	14.02	13.94	14.7	0.0
40	PI/2 BPSK	50	56	13.99	14.07	13.95	14.7	0.0
40	PI/2 BPSK	100	0	13.90	13.97	13.96		
40	QPSK	1	1	14.03	14.10	13.97	14.7	0.0
40	QPSK	1	53	13.91	14.01	13.94		
40	QPSK	1	104	13.91	14.09	13.88		
40	QPSK	50	0	13.86	14.04	13.91	14.7	0.0
40	QPSK	50	28	13.97	14.08	13.94	14.7	0.0
40	QPSK	50	56	13.91	13.94	13.93	14.7	0.0
40	QPSK	100	0	13.94	14.01	13.91		
40	16QAM	1	1	13.88	14.09	13.94	14.7	0.0
40	64QAM	1	1	13.92	14.00	13.82	14.7	0.0
40	256QAM	1	1	13.99	14.05	13.82	14.7	0.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	14.01	13.98	13.82	14.7	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	13.92	14.00	13.96	14.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	13.99	14.05	13.83	14.7	0.0

n48_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.22	17.32	17.00	18.7	0.0
40	PI/2 BPSK	1	53	17.13	17.34	17.08		
40	PI/2 BPSK	1	104	17.23	17.20	17.09		
40	PI/2 BPSK	50	0	16.75	16.85	16.82	17.7	1.0
40	PI/2 BPSK	50	28	17.19	17.22	17.09	18.7	0.0
40	PI/2 BPSK	50	56	16.72	16.87	16.83	17.7	1.0
40	PI/2 BPSK	100	0	16.64	16.79	16.66		
40	QPSK	1	1	17.24	17.35	17.13	18.7	0.0
40	QPSK	1	53	17.16	17.21	17.00		
40	QPSK	1	104	17.09	17.20	16.98		
40	QPSK	50	0	16.20	16.29	16.27	17.7	1.0
40	QPSK	50	28	17.17	17.33	17.07	18.7	0.0
40	QPSK	50	56	16.16	16.26	16.17	17.7	1.0
40	QPSK	100	0	16.20	16.28	16.13		
40	16QAM	1	1	17.15	17.34	17.10	18.7	0.0
40	64QAM	1	1	17.26	17.29	17.22	18.7	0.0
40	256QAM	1	1	15.13	15.25	15.12	16.7	2.0
Channel				637668	641664	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3188.34	3208.32	3228.33		
30	QPSK	1	1	17.27	17.21	17.29	18.7	0.0
Channel				637338	641664	645996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3186.69	3208.32	3229.98		
20	QPSK	1	1	17.23	17.25	17.27	18.7	0.0
Channel				637002	641664	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3185.01	3208.32	3231.66		
10	QPSK	1	1	17.22	17.28	17.34	18.7	0.0

Part27Q_n77_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.79		16.7	0.0
100	PI/2 BPSK	1	137		15.71			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.80		16.7	0.0
100	PI/2 BPSK	135	69		15.80		16.7	0.0
100	PI/2 BPSK	135	138		15.73		16.7	0.0
100	PI/2 BPSK	270	0		15.82			
100	QPSK	1	1		15.85		16.7	0.0
100	QPSK	1	137		15.80			
100	QPSK	1	271		15.72			
100	QPSK	135	0		15.75		16.7	0.0
100	QPSK	135	69		15.84		16.7	0.0
100	QPSK	135	138		15.79		16.7	0.0
100	QPSK	270	0		15.80			
100	16QAM	1	1		15.78		16.7	0.0
100	64QAM	1	1		15.73		16.7	0.0
100	256QAM	1	1		15.76		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.79	15.72	15.72	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.83	15.79	15.78	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.83	15.79	15.77	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.71	15.79	15.74	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.75	15.72	15.84	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.74	15.79	15.79	16.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.79	15.74	15.77	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.75	15.73	15.79	16.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.74	15.79	15.76	16.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.83	15.75	15.79	16.7	0.0

Part27O_n77_Ant 9

BW [MHz]	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	15.67	15.73	15.75	16.7	0.0
100	PI/2 BPSK	1	137	15.66	15.77	15.81		
100	PI/2 BPSK	1	271	15.58	15.77	15.68		
100	PI/2 BPSK	135	0	15.65	15.82	15.82	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.75	15.68	16.7	0.0
100	PI/2 BPSK	135	138	15.66	15.81	15.71	16.7	0.0
100	PI/2 BPSK	270	0	15.67	15.82	15.72		
100	QPSK	1	1	15.66	15.84	15.83	16.7	0.0
100	QPSK	1	137	15.63	15.69	15.81		
100	QPSK	1	271	15.60	15.75	15.75		
100	QPSK	135	0	15.52	15.79	15.73	16.7	0.0
100	QPSK	135	69	15.64	15.81	15.77	16.7	0.0
100	QPSK	135	138	15.58	15.71	15.69	16.7	0.0
100	QPSK	270	0	15.58	15.76	15.69		
100	16QAM	1	1	15.58	15.82	15.77	16.7	0.0
100	64QAM	1	1	15.59	15.83	15.70	16.7	0.0
100	256QAM	1	1	15.64	15.69	15.79	16.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.53	15.72	15.80	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.53	15.77	15.70	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.58	15.80	15.69	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.67	15.78	15.72	16.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.58	15.73	15.78	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.54	15.69	15.80	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.54	15.82	15.68	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.53	15.73	15.70	16.7	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.55	15.70	15.80	16.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.58	15.72	15.78	16.7	0.0

Part27Q_n77_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.79			
100	PI/2 BPSK	1	137		15.71		16.7	0.0
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.80		16.7	0.0
100	PI/2 BPSK	135	69		15.80		16.7	0.0
100	PI/2 BPSK	135	138		15.73		16.7	0.0
100	PI/2 BPSK	270	0		15.82			
100	QPSK	1	1		15.85			
100	QPSK	1	137		15.80		16.7	0.0
100	QPSK	1	271		15.72			
100	QPSK	135	0		15.75		16.7	0.0
100	QPSK	135	69		15.84		16.7	0.0
100	QPSK	135	138		15.79		16.7	0.0
100	QPSK	270	0		15.80			
100	16QAM	1	1		15.78		16.7	0.0
100	64QAM	1	1		15.73		16.7	0.0
100	256QAM	1	1		15.76		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	16.7	0.0
90	QPSK	1	1	15.79	15.72	15.72	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.83	15.79	15.78	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.83	15.79	15.77	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.71	15.79	15.74	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.75	15.72	15.84	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.74	15.79	15.79	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.79	15.74	15.77	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.75	15.73	15.79	16.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.74	15.79	15.76	16.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.83	15.75	15.79	16.7	0.0

Part27O_n77_Ant 9 HPUE

BW [MHz]	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	15.67	15.73	15.75		
100	PI/2 BPSK	1	137	15.66	15.77	15.81	16.7	0.0
100	PI/2 BPSK	1	271	15.58	15.77	15.68		
100	PI/2 BPSK	135	0	15.65	15.82	15.82	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.75	15.68	16.7	0.0
100	PI/2 BPSK	135	138	15.66	15.81	15.71	16.7	0.0
100	PI/2 BPSK	270	0	15.67	15.82	15.72		
100	QPSK	1	1	15.68	15.84	15.83		
100	QPSK	1	137	15.63	15.69	15.81	16.7	0.0
100	QPSK	1	271	15.60	15.75	15.75		
100	QPSK	135	0	15.52	15.79	15.73	16.7	0.0
100	QPSK	135	69	15.64	15.81	15.77	16.7	0.0
100	QPSK	135	138	15.58	15.71	15.69	16.7	0.0
100	QPSK	270	0	15.58	15.76	15.69		
100	16QAM	1	1	15.58	15.82	15.77	16.7	0.0
100	64QAM	1	1	15.59	15.83	15.70	16.7	0.0
100	256QAM	1	1	15.64	15.69	15.79	16.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.53	15.72	15.80	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.53	15.77	15.70	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.58	15.80	15.69	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.67	15.78	15.72	16.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.58	15.73	15.78	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.54	15.69	15.80	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.54	15.82	15.68	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.53	15.73	15.70	16.7	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.55	15.70	15.80	16.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.58	15.72	15.78	16.7	0.0

Part27Q_n77_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.54			
100	PI/2 BPSK	1	137		16.45		17.3	0.0
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.45		17.3	0.0
100	PI/2 BPSK	135	69		16.53		17.3	0.0
100	PI/2 BPSK	135	138		16.48		17.3	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.59			
100	QPSK	1	137		16.47		17.3	0.0
100	QPSK	1	271		16.46			
100	QPSK	135	0		16.49		17.3	0.0
100	QPSK	135	69		16.53		17.3	0.0
100	QPSK	135	138		16.50		17.3	0.0
100	QPSK	270	0		16.48			
100	16QAM	1	1		16.45		17.3	0.0
100	64QAM	1	1		16.54		17.3	0.0
100	256QAM	1	1		16.48		17.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	17.3	0.0
90	QPSK	1	1	16.47	16.50	16.54	17.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.53	16.56	16.57	17.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.48	16.45	16.47	17.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.44	16.47	16.46	17.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.49	16.51	16.53	17.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.48	16.45	16.50	17.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.57	16.49	16.53	17.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.45	16.54	16.56	17.3	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.48	16.57	16.57	17.3	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.45	16.44	16.58	17.3	0.0

Part27O_n77_Ant 8

BW [MHz]	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	16.26	16.39	16.29	17.3	0.0
100	PI/2 BPSK	1	137	16.26	16.39	16.24		
100	PI/2 BPSK	1	271	16.34	16.47	16.19		
100	PI/2 BPSK	135	0	16.37	16.50	16.28	17.3	0.0
100	PI/2 BPSK	135	69	16.29	16.42	16.27	17.3	0.0
100	PI/2 BPSK	135	138	16.30	16.43	16.18	17.3	0.0
100	PI/2 BPSK	270	0	16.29	16.42	16.30		
100	QPSK	1	1	16.39	16.52	16.33	17.3	0.0
100	QPSK	1	137	16.35	16.48	16.30		
100	QPSK	1	271	16.33	16.46	16.24		
100	QPSK	135	0	16.32	16.45	16.25	17.3	0.0
100	QPSK	135	69	16.34	16.47	16.32	17.3	0.0
100	QPSK	135	138	16.32	16.45	16.29	17.3	0.0
100	QPSK	270	0	16.26	16.39	16.24		
100	16QAM	1	1	16.24	16.37	16.21	17.3	0.0
100	64QAM	1	1	16.25	16.38	16.29	17.3	0.0
100	256QAM	1	1	16.28	16.41	16.18	17.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	17.3	0.0
90	QPSK	1	1	16.32	16.45	16.20		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	17.3	0.0
80	QPSK	1	1	16.38	16.51	16.30		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	17.3	0.0
70	QPSK	1	1	16.35	16.48	16.31		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	17.3	0.0
60	QPSK	1	1	16.28	16.41	16.24		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	17.3	0.0
50	QPSK	1	1	16.33	16.46	16.24		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	17.3	0.0
40	QPSK	1	1	16.29	16.42	16.20		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	17.3	0.0
30	QPSK	1	1	16.28	16.41	16.25		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	17.3	0.0
20	QPSK	1	1	16.32	16.45	16.18		
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	17.3	0.0
15	QPSK	1	1	16.35	16.48	16.19		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	17.3	0.0
10	QPSK	1	1	16.31	16.44	16.28		

Part27Q_n77_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.54		17.3	0.0
100	PI/2 BPSK	1	137		16.45			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.45		17.3	0.0
100	PI/2 BPSK	135	69		16.53		17.3	0.0
100	PI/2 BPSK	135	138		16.48		17.3	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.59		17.3	0.0
100	QPSK	1	137		16.47			
100	QPSK	1	271		16.46			
100	QPSK	135	0		16.49		17.3	0.0
100	QPSK	135	69		16.53		17.3	0.0
100	QPSK	135	138		16.50		17.3	0.0
100	QPSK	270	0		16.48			
100	16QAM	1	1		16.45		17.3	0.0
100	64QAM	1	1		16.54		17.3	0.0
100	256QAM	1	1		16.48		17.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99	17.3	0.0
90	QPSK	1	1	16.47	16.50	16.54		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	17.3	0.0
80	QPSK	1	1	16.53	16.56	16.57		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98	17.3	0.0
70	QPSK	1	1	16.48	16.45	16.47		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99	17.3	0.0
60	QPSK	1	1	16.44	16.47	16.46		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525	17.3	0.0
50	QPSK	1	1	16.49	16.51	16.53		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	17.3	0.0
40	QPSK	1	1	16.48	16.45	16.50		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99	17.3	0.0
30	QPSK	1	1	16.57	16.49	16.53		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	17.3	0.0
20	QPSK	1	1	16.45	16.54	16.56		
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49	17.3	0.0
15	QPSK	1	1	16.48	16.57	16.57		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98	17.3	0.0
10	QPSK	1	1	16.45	16.44	16.58		

Part27O_n77_Ant 8 HPUE

BW [MHz]	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	16.26	16.39	16.29	17.3	0.0
100	PI/2 BPSK	1	137	16.26	16.39	16.24		
100	PI/2 BPSK	1	271	16.34	16.47	16.19		
100	PI/2 BPSK	135	0	16.37	16.50	16.28	17.3	0.0
100	PI/2 BPSK	135	69	16.29	16.42	16.27	17.3	0.0
100	PI/2 BPSK	135	138	16.30	16.43	16.18	17.3	0.0
100	PI/2 BPSK	270	0	16.29	16.42	16.30		
100	QPSK	1	1	16.39	16.52	16.33	17.3	0.0
100	QPSK	1	137	16.35	16.48	16.30		
100	QPSK	1	271	16.33	16.46	16.24		
100	QPSK	135	0	16.32	16.45	16.25	17.3	0.0
100	QPSK	135	69	16.34	16.47	16.32	17.3	0.0
100	QPSK	135	138	16.32	16.45	16.29	17.3	0.0
100	QPSK	270	0	16.26	16.39	16.24		
100	16QAM	1	1	16.24	16.37	16.21	17.3	0.0
100	64QAM	1	1	16.25	16.38	16.29	17.3	0.0
100	256QAM	1	1	16.28	16.41	16.18	17.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	17.3	0.0
90	QPSK	1	1	16.32	16.45	16.20		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	17.3	0.0
80	QPSK	1	1	16.38	16.51	16.30		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	17.3	0.0
70	QPSK	1	1	16.35	16.48	16.31		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	17.3	0.0
60	QPSK	1	1	16.28	16.41	16.24		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	17.3	0.0
50	QPSK	1	1	16.33	16.46	16.24		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	17.3	0.0
40	QPSK	1	1	16.29	16.42	16.20		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	17.3	0.0
30	QPSK	1	1	16.28	16.41	16.25		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	17.3	0.0
20	QPSK	1	1	16.32	16.45	16.18		
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	17.3	0.0
15	QPSK	1	1	16.35	16.48	16.19		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	17.3	0.0
10	QPSK	1	1	16.31	16.44	16.28		

Part27Q_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.89			
100	PI/2 BPSK	1	137		13.83		14.5	0.0
100	PI/2 BPSK	1	271		13.86			
100	PI/2 BPSK	135	0		13.88		14.5	0.0
100	PI/2 BPSK	135	69		13.85		14.5	0.0
100	PI/2 BPSK	135	138		13.92		14.5	0.0
100	PI/2 BPSK	270	0		13.90			
100	QPSK	1	1		13.96			
100	QPSK	1	137		13.81		14.5	0.0
100	QPSK	1	271		13.82			
100	QPSK	135	0		13.83		14.5	0.0
100	QPSK	135	69		13.93		14.5	0.0
100	QPSK	135	138		13.81		14.5	0.0
100	QPSK	270	0		13.88			
100	16QAM	1	1		13.89		14.5	0.0
100	64QAM	1	1		13.84		14.5	0.0
100	256QAM	1	1		13.86		14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.91	13.81	13.84	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.82	13.88	13.86	14.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.82	13.87	13.89	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.84	13.93	13.90	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.84	13.91	13.82	14.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.83	13.89	13.95	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.83	13.86	13.86	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.84	13.82	13.81	14.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.87	13.93	13.85	14.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.85	13.81	13.86	14.5	0.0

Part27O_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.95	13.99	13.92		
100	PI/2 BPSK	1	137	13.94	13.98	13.79	14.5	0.0
100	PI/2 BPSK	1	271	13.86	13.90	13.90		
100	PI/2 BPSK	135	0	13.83	13.87	13.83	14.5	0.0
100	PI/2 BPSK	135	69	13.88	13.92	13.86	14.5	0.0
100	PI/2 BPSK	135	138	13.87	13.91	13.80	14.5	0.0
100	PI/2 BPSK	270	0	13.91	13.95	13.78		
100	QPSK	1	1	13.96	14.00	13.93		
100	QPSK	1	137	13.86	13.90	13.87	14.5	0.0
100	QPSK	1	271	13.84	13.88	13.80		
100	QPSK	135	0	13.82	13.86	13.81	14.5	0.0
100	QPSK	135	69	13.94	13.98	13.92	14.5	0.0
100	QPSK	135	138	13.85	13.89	13.79	14.5	0.0
100	QPSK	270	0	13.87	13.91	13.84		
100	16QAM	1	1	13.95	13.99	13.86	14.5	0.0
100	64QAM	1	1	13.81	13.85	13.81	14.5	0.0
100	256QAM	1	1	13.81	13.85	13.84	14.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	13.95	13.99	13.83	14.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	13.81	13.85	13.86	14.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	13.91	13.95	13.86	14.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	13.95	13.99	13.86	14.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	13.89	13.93	13.81	14.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	13.86	13.90	13.81	14.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	13.89	13.93	13.88	14.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	13.94	13.98	13.89	14.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	13.83	13.87	13.82	14.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	13.83	13.87	13.83	14.5	0.0

Part27Q_n77_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.89			
100	PI/2 BPSK	1	137		13.83		14.5	0.0
100	PI/2 BPSK	1	271		13.86			
100	PI/2 BPSK	135	0		13.88		14.5	0.0
100	PI/2 BPSK	135	69		13.85		14.5	0.0
100	PI/2 BPSK	135	138		13.92		14.5	0.0
100	PI/2 BPSK	270	0		13.90			
100	QPSK	1	1		13.96			
100	QPSK	1	137		13.81		14.5	0.0
100	QPSK	1	271		13.82			
100	QPSK	135	0		13.83		14.5	0.0
100	QPSK	135	69		13.93		14.5	0.0
100	QPSK	135	138		13.81		14.5	0.0
100	QPSK	270	0		13.88			
100	16QAM	1	1		13.89		14.5	0.0
100	64QAM	1	1		13.84		14.5	0.0
100	256QAM	1	1		13.86		14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.91	13.81	13.84	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.82	13.88	13.86	14.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.82	13.87	13.89	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.84	13.93	13.90	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.84	13.91	13.82	14.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.83	13.89	13.95	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.83	13.86	13.86	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.84	13.82	13.81	14.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.87	13.93	13.85	14.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.85	13.81	13.86	14.5	0.0

Part27O_n77_Ant 10 HPUE

BW [MHz]	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	13.95	13.99	13.92	14.5	0.0
100	PI/2 BPSK	1	137	13.94	13.98	13.79		
100	PI/2 BPSK	1	271	13.86	13.90	13.90		
100	PI/2 BPSK	135	0	13.83	13.87	13.83	14.5	0.0
100	PI/2 BPSK	135	69	13.88	13.92	13.86	14.5	0.0
100	PI/2 BPSK	135	138	13.87	13.91	13.80	14.5	0.0
100	PI/2 BPSK	270	0	13.91	13.95	13.78		
100	QPSK	1	1	13.96	14.00	13.93	14.5	0.0
100	QPSK	1	137	13.86	13.90	13.87		
100	QPSK	1	271	13.84	13.88	13.80		
100	QPSK	135	0	13.82	13.86	13.81	14.5	0.0
100	QPSK	135	69	13.94	13.98	13.92	14.5	0.0
100	QPSK	135	138	13.85	13.89	13.79	14.5	0.0
100	QPSK	270	0	13.87	13.91	13.84		
100	16QAM	1	1	13.95	13.99	13.86	14.5	0.0
100	64QAM	1	1	13.81	13.85	13.81	14.5	0.0
100	256QAM	1	1	13.81	13.85	13.84	14.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.95	13.99	13.83	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.81	13.85	13.86	14.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.91	13.95	13.86	14.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.95	13.99	13.86	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.89	13.93	13.81	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.86	13.90	13.81	14.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.89	13.93	13.88	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.94	13.98	13.89	14.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	13.83	13.87	13.82	14.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.83	13.87	13.83	14.5	0.0

Part27Q_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.48		15.2	0.0
100	PI/2 BPSK	1	137		14.52			
100	PI/2 BPSK	1	271		14.47			
100	PI/2 BPSK	135	0		14.47		15.2	0.0
100	PI/2 BPSK	135	69		14.50		15.2	0.0
100	PI/2 BPSK	135	138		14.51		15.2	0.0
100	PI/2 BPSK	270	0		14.53			
100	QPSK	1	1		14.62		15.2	0.0
100	QPSK	1	137		14.58			
100	QPSK	1	271		14.52			
100	QPSK	135	0		14.55		15.2	0.0
100	QPSK	135	69		14.59		15.2	0.0
100	QPSK	135	138		14.51		15.2	0.0
100	QPSK	270	0		14.58			
100	16QAM	1	1		14.54		15.2	0.0
100	64QAM	1	1		14.61		15.2	0.0
100	256QAM	1	1		14.58		15.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.48	14.60	14.56	15.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.61	14.60	14.61	15.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.50	14.48	14.56	15.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.58	14.55	14.53	15.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.57	14.53	14.54	15.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.48	14.57	14.60	15.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.52	14.56	14.59	15.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.55	14.58	14.61	15.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.49	14.61	14.49	15.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.59	14.57	14.50	15.2	0.0

Part27O_n77_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.51	14.64	14.65	15.2	0.0
100	PI/2 BPSK	1	137	14.59	14.72	14.62		
100	PI/2 BPSK	1	271	14.53	14.66	14.65		
100	PI/2 BPSK	135	0	14.56	14.69	14.60	15.2	0.0
100	PI/2 BPSK	135	69	14.56	14.69	14.68	15.2	0.0
100	PI/2 BPSK	135	138	14.54	14.67	14.65	15.2	0.0
100	PI/2 BPSK	270	0	14.61	14.74	14.68		
100	QPSK	1	1	14.66	14.79	14.70	15.2	0.0
100	QPSK	1	137	14.51	14.64	14.66		
100	QPSK	1	271	14.53	14.66	14.66		
100	QPSK	135	0	14.46	14.59	14.64	15.2	0.0
100	QPSK	135	69	14.61	14.74	14.66	15.2	0.0
100	QPSK	135	138	14.53	14.66	14.53	15.2	0.0
100	QPSK	270	0	14.56	14.69	14.61		
100	16QAM	1	1	14.57	14.70	14.60	15.2	0.0
100	64QAM	1	1	14.62	14.75	14.63	15.2	0.0
100	256QAM	1	1	14.56	14.69	14.64	15.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.51	14.64	14.57	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.53	14.66	14.55	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.63	14.76	14.56	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.57	14.70	14.61	15.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.53	14.66	14.58	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.52	14.65	14.62	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.51	14.64	14.59	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.62	14.75	14.61	15.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.52	14.65	14.61	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.51	14.64	14.65	15.2	0.0

Part27Q_n77_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.48			
100	PI/2 BPSK	1	137		14.52		15.2	0.0
100	PI/2 BPSK	1	271		14.47			
100	PI/2 BPSK	135	0		14.47		15.2	0.0
100	PI/2 BPSK	135	69		14.50		15.2	0.0
100	PI/2 BPSK	135	138		14.51			
100	PI/2 BPSK	270	0		14.53		15.2	0.0
100	QPSK	1	1		14.62			
100	QPSK	1	137		14.58		15.2	0.0
100	QPSK	1	271		14.52			
100	QPSK	135	0		14.55		15.2	0.0
100	QPSK	135	69		14.59		15.2	0.0
100	QPSK	135	138		14.51		15.2	0.0
100	QPSK	270	0		14.58			
100	16QAM	1	1		14.54		15.2	0.0
100	64QAM	1	1		14.61		15.2	0.0
100	256QAM	1	1		14.58		15.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.48	14.60	14.56	15.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.61	14.60	14.61	15.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.50	14.48	14.56	15.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.58	14.55	14.53	15.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.57	14.53	14.54	15.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.48	14.57	14.60	15.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.52	14.56	14.59	15.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.55	14.58	14.61	15.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.49	14.61	14.49	15.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.59	14.57	14.50	15.2	0.0

Part27O_n77_Ant 4 HPUE

BW [MHz]	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	14.51	14.64	14.65		
100	PI/2 BPSK	1	137	14.59	14.72	14.62	15.2	0.0
100	PI/2 BPSK	1	271	14.53	14.66	14.65		
100	PI/2 BPSK	135	0	14.56	14.69	14.60	15.2	0.0
100	PI/2 BPSK	135	69	14.56	14.69	14.68	15.2	0.0
100	PI/2 BPSK	135	138	14.54	14.67	14.65	15.2	0.0
100	PI/2 BPSK	270	0	14.61	14.74	14.68		
100	QPSK	1	1	14.66	14.79	14.70		
100	QPSK	1	137	14.51	14.64	14.66	15.2	0.0
100	QPSK	1	271	14.53	14.66	14.66		
100	QPSK	135	0	14.46	14.59	14.64	15.2	0.0
100	QPSK	135	69	14.61	14.74	14.66	15.2	0.0
100	QPSK	135	138	14.53	14.66	14.53	15.2	0.0
100	QPSK	270	0	14.56	14.69	14.61		
100	16QAM	1	1	14.57	14.70	14.60	15.2	0.0
100	64QAM	1	1	14.62	14.75	14.63	15.2	0.0
100	256QAM	1	1	14.56	14.69	14.64	15.2	0.0
Channel				640668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.51	14.64	14.57	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.53	14.66	14.55	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.63	14.76	14.56	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.57	14.70	14.61	15.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.53	14.66	14.58	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.52	14.65	14.62	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.51	14.64	14.59	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.62	14.75	14.61	15.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.52	14.65	14.61	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.51	14.64	14.65	15.2	0.0

Part27Q_n78_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.37			
100	PI/2 BPSK	1	137		15.37		16.7	0.0
100	PI/2 BPSK	1	271		15.32			
100	PI/2 BPSK	135	0		15.29		16.7	0.0
100	PI/2 BPSK	135	69		15.43		16.7	0.0
100	PI/2 BPSK	135	138		15.35		16.7	0.0
100	PI/2 BPSK	270	0		15.41			
100	QPSK	1	1		15.44			
100	QPSK	1	137		15.38		16.7	0.0
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.40		16.7	0.0
100	QPSK	135	69		15.42		16.7	0.0
100	QPSK	135	138		15.30		16.7	0.0
100	QPSK	270	0		15.35			
100	16QAM	1	1		15.43		16.7	0.0
100	64QAM	1	1		15.34		16.7	0.0
100	256QAM	1	1		15.31		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.36	15.41	15.30	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.42	15.37	15.43	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.42	15.42	15.34	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.39	15.32	15.35	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.37	15.43	15.41	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.43	15.31	15.37	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.34	15.32	15.37	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.31	15.42	15.36	16.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.38	15.38	15.29	16.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.29	15.41	15.35	16.7	0.0

Part27O_n78_Ant 9

BW [MHz]	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		15.18		16.7	0.0
100	PI/2 BPSK	1	137		15.18			
100	PI/2 BPSK	1	271		15.30			
100	PI/2 BPSK	135	0		15.24		16.7	0.0
100	PI/2 BPSK	135	69		15.23		16.7	0.0
100	PI/2 BPSK	135	138		15.28		16.7	0.0
100	PI/2 BPSK	270	0		15.23			
100	QPSK	1	1		15.31		16.7	0.0
100	QPSK	1	137		15.18			
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.20		16.7	0.0
100	QPSK	135	69		15.29		16.7	0.0
100	QPSK	135	138		15.25		16.7	0.0
100	QPSK	270	0		15.26			
100	16QAM	1	1		15.26		16.7	0.0
100	64QAM	1	1		15.19		16.7	0.0
100	256QAM	1	1		15.24		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.30	15.29	15.19	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.27	15.27	15.22	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.28	15.19	15.26	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.23	15.18	15.18	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.28	15.16	15.23	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.19	15.25	15.23	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.30	15.17	15.23	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.24	15.24	15.18	16.7	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.30	15.20	15.24	16.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.30	15.23	15.16	16.7	0.0

Part27Q_n78_Ant 9 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.37		16.7	0.0
100	PI/2 BPSK	1	137		15.37			
100	PI/2 BPSK	1	271		15.32			
100	PI/2 BPSK	135	0		15.29		16.7	0.0
100	PI/2 BPSK	135	69		15.43		16.7	0.0
100	PI/2 BPSK	135	138		15.35		16.7	0.0
100	PI/2 BPSK	270	0		15.41			
100	QPSK	1	1		15.44		16.7	0.0
100	QPSK	1	137		15.38			
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.40		16.7	0.0
100	QPSK	135	69		15.42		16.7	0.0
100	QPSK	135	138		15.30		16.7	0.0
100	QPSK	270	0		15.35			
100	16QAM	1	1		15.43		16.7	0.0
100	64QAM	1	1		15.34		16.7	0.0
100	256QAM	1	1		15.31		16.7	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.36	15.41	15.30	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.42	15.37	15.43	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.42	15.42	15.34	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.39	15.32	15.35	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.37	15.43	15.41	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.43	15.31	15.37	16.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.34	15.32	15.37	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.31	15.42	15.36	16.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.38	15.38	15.29	16.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.29	15.41	15.35	16.7	0.0

Part27O_n78_Ant 9 HPUE

BW [MHz]	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		15.18		16.7	0.0
100	PI/2 BPSK	1	137		15.18			
100	PI/2 BPSK	1	271		15.30			
100	PI/2 BPSK	135	0		15.24		16.7	0.0
100	PI/2 BPSK	135	69		15.23		16.7	0.0
100	PI/2 BPSK	135	138		15.28		16.7	0.0
100	PI/2 BPSK	270	0		15.23			
100	QPSK	1	1		15.31		16.7	0.0
100	QPSK	1	137		15.18			
100	QPSK	1	271		15.22			
100	QPSK	135	0		15.20		16.7	0.0
100	QPSK	135	69		15.29		16.7	0.0
100	QPSK	135	138		15.25		16.7	0.0
100	QPSK	270	0		15.26			
100	16QAM	1	1		15.26		16.7	0.0
100	64QAM	1	1		15.19		16.7	0.0
100	256QAM	1	1		15.24		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.30	15.29	15.19	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.27	15.27	15.22	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.28	15.19	15.26	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.23	15.18	15.18	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.28	15.16	15.23	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.19	15.25	15.23	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.30	15.17	15.23	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.24	15.24	15.18	16.7	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.30	15.20	15.24	16.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.30	15.23	15.16	16.7	0.0

Part27Q_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.76		17.0	0.0
100	PI/2 BPSK	1	137		15.75			
100	PI/2 BPSK	1	271		15.66			
100	PI/2 BPSK	135	0		15.74		17.0	0.0
100	PI/2 BPSK	135	69		15.63		17.0	0.0
100	PI/2 BPSK	135	138		15.66		17.0	0.0
100	PI/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.78		17.0	0.0
100	QPSK	1	137		15.75			
100	QPSK	1	271		15.70			
100	QPSK	135	0		15.69		17.0	0.0
100	QPSK	135	69		15.74		17.0	0.0
100	QPSK	135	138		15.73		17.0	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.68		17.0	0.0
100	64QAM	1	1		15.76		17.0	0.0
100	256QAM	1	1		15.75		17.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.70	15.75	15.76	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.67	15.63	15.65	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.63	15.76	15.69	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.76	15.66	15.73	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.63	15.72	15.73	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.75	15.70	15.63	17.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.63	15.67	15.64	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.66	15.75	15.65	17.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.75	15.77	15.71	17.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.75	15.72	15.70	17.0	0.0

Part27O_n78_Ant 8

BW [MHz]	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		15.68		17.0	0.0
100	PI/2 BPSK	1	137		15.66			
100	PI/2 BPSK	1	271		15.68			
100	PI/2 BPSK	135	0		15.58		17.0	0.0
100	PI/2 BPSK	135	69		15.59		17.0	0.0
100	PI/2 BPSK	135	138		15.65		17.0	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.69		17.0	0.0
100	QPSK	1	137		15.60			
100	QPSK	1	271		15.57			
100	QPSK	135	0		15.55		17.0	0.0
100	QPSK	135	69		15.62		17.0	0.0
100	QPSK	135	138		15.47		17.0	0.0
100	QPSK	270	0		15.59			
100	16QAM	1	1		15.66		17.0	0.0
100	64QAM	1	1		15.63		17.0	0.0
100	256QAM	1	1		15.63		17.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.67	15.59	15.61	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.61	15.56	15.59	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.58	15.62	15.68	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.62	15.62	15.63	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.55	15.58	15.68	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.62	15.64	15.66	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.63	15.58	15.57	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.58	15.64	15.64	17.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.67	15.66	15.64	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.65	15.62	15.56	17.0	0.0

Part27Q_n78_Ant 8 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.76		17.0	0.0
100	PI/2 BPSK	1	137		15.75			
100	PI/2 BPSK	1	271		15.66			
100	PI/2 BPSK	135	0		15.74		17.0	0.0
100	PI/2 BPSK	135	69		15.63		17.0	0.0
100	PI/2 BPSK	135	138		15.66		17.0	0.0
100	PI/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.78		17.0	0.0
100	QPSK	1	137		15.75			
100	QPSK	1	271		15.70			
100	QPSK	135	0		15.69		17.0	0.0
100	QPSK	135	69		15.74		17.0	0.0
100	QPSK	135	138		15.73		17.0	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.68		17.0	0.0
100	64QAM	1	1		15.76		17.0	0.0
100	256QAM	1	1		15.75		17.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.70	15.75	15.76	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.67	15.63	15.65	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.63	15.76	15.69	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.76	15.66	15.73	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.63	15.72	15.73	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.75	15.70	15.63	17.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.63	15.67	15.64	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.66	15.75	15.65	17.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	15.75	15.77	15.71	17.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.75	15.72	15.70	17.0	0.0

Part27O_n78_Ant 8 HPUE

BW [MHz]	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		15.68		17.0	0.0
100	PI/2 BPSK	1	137		15.66			
100	PI/2 BPSK	1	271		15.68			
100	PI/2 BPSK	135	0		15.58		17.0	0.0
100	PI/2 BPSK	135	69		15.59		17.0	0.0
100	PI/2 BPSK	135	138		15.65		17.0	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.69		17.0	0.0
100	QPSK	1	137		15.60			
100	QPSK	1	271		15.57			
100	QPSK	135	0		15.55		17.0	0.0
100	QPSK	135	69		15.62		17.0	0.0
100	QPSK	135	138		15.47			
100	QPSK	270	0		15.59			
100	16QAM	1	1		15.66		17.0	0.0
100	64QAM	1	1		15.63		17.0	0.0
100	256QAM	1	1		15.63		17.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.67	15.59	15.61	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.61	15.56	15.59	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.58	15.62	15.68	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.62	15.62	15.63	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.55	15.58	15.68	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.62	15.64	15.66	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.63	15.58	15.57	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.58	15.64	15.64	17.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.67	15.66	15.64	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.65	15.62	15.56	17.0	0.0

Part27Q_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.53		13.7	0.0
100	PI/2 BPSK	1	137		12.50			
100	PI/2 BPSK	1	271		12.58			
100	PI/2 BPSK	135	0		12.47		13.7	0.0
100	PI/2 BPSK	135	69		12.53		13.7	0.0
100	PI/2 BPSK	135	138		12.52		13.7	0.0
100	PI/2 BPSK	270	0		12.45			
100	QPSK	1	1		12.60		13.7	0.0
100	QPSK	1	137		12.50			
100	QPSK	1	271		12.59			
100	QPSK	135	0		12.56		13.7	0.0
100	QPSK	135	69		12.58		13.7	0.0
100	QPSK	135	138		12.55		13.7	0.0
100	QPSK	270	0		12.57			
100	16QAM	1	1		12.59		13.7	0.0
100	64QAM	1	1		12.56		13.7	0.0
100	256QAM	1	1		12.57		13.7	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.48	12.54	12.46	13.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.57	12.53	12.58	13.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.58	12.52	12.53	13.7	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.54	12.55	12.49	13.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.58	12.49	12.46	13.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.52	12.49	12.53	13.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.58	12.51	12.51	13.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.59	12.50	12.59	13.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.49	12.45	12.50	13.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.45	12.57	12.47	13.7	0.0

Part27O_n78_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.51		13.7	0.0
100	PI/2 BPSK	1	137		12.50			
100	PI/2 BPSK	1	271		12.47			
100	PI/2 BPSK	135	0		12.44		13.7	0.0
100	PI/2 BPSK	135	69		12.52		13.7	0.0
100	PI/2 BPSK	135	138		12.46		13.7	0.0
100	PI/2 BPSK	270	0		12.48			
100	QPSK	1	1		12.59		13.7	0.0
100	QPSK	1	137		12.55			
100	QPSK	1	271		12.52			
100	QPSK	135	0		12.52		13.7	0.0
100	QPSK	135	69		12.53		13.7	0.0
100	QPSK	135	138		12.49		13.7	0.0
100	QPSK	270	0		12.47			
100	16QAM	1	1		12.52		13.7	0.0
100	64QAM	1	1		12.44		13.7	0.0
100	256QAM	1	1		12.47		13.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	12.48	12.49	12.51	13.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	12.51	12.51	12.44	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.58	12.46	12.55	13.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	12.49	12.56	12.48	13.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	12.58	12.46	12.51	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.51	12.46	12.44	13.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	12.46	12.56	12.49	13.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	12.55	12.44	12.57	13.7	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	12.46	12.51	12.55	13.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.55	12.44	12.56	13.7	0.0

Part27Q_n78_Ant 10 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.53			
100	PI/2 BPSK	1	137		12.50		13.7	0.0
100	PI/2 BPSK	1	271		12.58			
100	PI/2 BPSK	135	0		12.47		13.7	0.0
100	PI/2 BPSK	135	69		12.53		13.7	0.0
100	PI/2 BPSK	135	138		12.52		13.7	0.0
100	PI/2 BPSK	270	0		12.45			
100	QPSK	1	1		12.60			
100	QPSK	1	137		12.50		13.7	0.0
100	QPSK	1	271		12.59			
100	QPSK	135	0		12.56		13.7	0.0
100	QPSK	135	69		12.58		13.7	0.0
100	QPSK	135	138		12.55		13.7	0.0
100	QPSK	270	0		12.57			
100	16QAM	1	1		12.59		13.7	0.0
100	64QAM	1	1		12.56		13.7	0.0
100	256QAM	1	1		12.57		13.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.48	12.54	12.46	13.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.57	12.53	12.58	13.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.58	12.52	12.53	13.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.54	12.55	12.49	13.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.58	12.49	12.46	13.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.52	12.49	12.53	13.7	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.58	12.51	12.51	13.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.59	12.50	12.59	13.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	12.49	12.45	12.50	13.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.45	12.57	12.47	13.7	0.0

Part27O_n78_Ant 10 HPUE

BW [MHz]	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		12.51			
100	PI/2 BPSK	1	137		12.50		13.7	0.0
100	PI/2 BPSK	1	271		12.47			
100	PI/2 BPSK	135	0		12.44		13.7	0.0
100	PI/2 BPSK	135	69		12.52		13.7	0.0
100	PI/2 BPSK	135	138		12.46		13.7	0.0
100	PI/2 BPSK	270	0		12.48			
100	QPSK	1	1		12.59			
100	QPSK	1	137		12.55		13.7	0.0
100	QPSK	1	271		12.52			
100	QPSK	135	0		12.52		13.7	0.0
100	QPSK	135	69		12.53		13.7	0.0
100	QPSK	135	138		12.49		13.7	0.0
100	QPSK	270	0		12.47			
100	16QAM	1	1		12.52		13.7	0.0
100	64QAM	1	1		12.44		13.7	0.0
100	256QAM	1	1		12.47		13.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	12.48	12.49	12.51	13.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	12.51	12.51	12.44	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.58	12.46	12.55	13.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	12.49	12.56	12.48	13.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	12.58	12.46	12.51	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.51	12.46	12.44	13.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	12.46	12.56	12.49	13.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	12.55	12.44	12.57	13.7	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	12.46	12.51	12.55	13.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.55	12.44	12.56	13.7	0.0

Part27Q_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16			
100	PI/2 BPSK	1	137		14.19		15.5	0.0
100	PI/2 BPSK	1	271		14.29			
100	PI/2 BPSK	135	0		14.21		15.5	0.0
100	PI/2 BPSK	135	69		14.24		15.5	0.0
100	PI/2 BPSK	135	138		14.30		15.5	0.0
100	PI/2 BPSK	270	0		14.28			
100	QPSK	1	1		14.31			
100	QPSK	1	137		14.16		15.5	0.0
100	QPSK	1	271		14.29			
100	QPSK	135	0		14.14		15.5	0.0
100	QPSK	135	69		14.25		15.5	0.0
100	QPSK	135	138		14.24		15.5	0.0
100	QPSK	270	0		14.19			
100	16QAM	1	1		14.27		15.5	0.0
100	64QAM	1	1		14.22		15.5	0.0
100	256QAM	1	1		14.20		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.27	14.22	14.25	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.28	14.21	14.21	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.24	14.26	14.19	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.26	14.20	14.25	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.28	14.30	14.18	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.21	14.24	14.24	15.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.28	14.22	14.24	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.30	14.25	14.16	15.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.20	14.18	14.27	15.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.18	14.30	14.18	15.5	0.0

Part27O_n78_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.18		15.5	0.0
100	PI/2 BPSK	1	137		14.17			
100	PI/2 BPSK	1	271		14.12			
100	PI/2 BPSK	135	0		14.17		15.5	0.0
100	PI/2 BPSK	135	69		14.20		15.5	0.0
100	PI/2 BPSK	135	138		14.17		15.5	0.0
100	PI/2 BPSK	270	0		14.23			
100	QPSK	1	1		14.26		15.5	0.0
100	QPSK	1	137		14.18			
100	QPSK	1	271		14.17			
100	QPSK	135	0		14.06		15.5	0.0
100	QPSK	135	69		14.19		15.5	0.0
100	QPSK	135	138		14.15		15.5	0.0
100	QPSK	270	0		14.13			
100	16QAM	1	1		14.22		15.5	0.0
100	64QAM	1	1		14.23		15.5	0.0
100	256QAM	1	1		14.22		15.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.25	14.15	14.21	15.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.14	14.25	14.20	15.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.11	14.19	14.13	15.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.16	14.12	14.16	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.19	14.16	14.17	15.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.19	14.15	14.11	15.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.15	14.13	14.12	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.17	14.11	14.14	15.5	0.0

Part27Q_n78_Ant 4 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16		15.5	0.0
100	PI/2 BPSK	1	137		14.19			
100	PI/2 BPSK	1	271		14.29			
100	PI/2 BPSK	135	0		14.21		15.5	0.0
100	PI/2 BPSK	135	69		14.24		15.5	0.0
100	PI/2 BPSK	135	138		14.30		15.5	0.0
100	PI/2 BPSK	270	0		14.28			
100	QPSK	1	1		14.31		15.5	0.0
100	QPSK	1	137		14.16			
100	QPSK	1	271		14.29			
100	QPSK	135	0		14.14		15.5	0.0
100	QPSK	135	69		14.25		15.5	0.0
100	QPSK	135	138		14.24		15.5	0.0
100	QPSK	270	0		14.19			
100	16QAM	1	1		14.27		15.5	0.0
100	64QAM	1	1		14.22		15.5	0.0
100	256QAM	1	1		14.20		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.27	14.22	14.25	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.28	14.21	14.21	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.24	14.26	14.19	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.26	14.20	14.25	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.28	14.30	14.18	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.21	14.24	14.24	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.28	14.22	14.24	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.30	14.25	14.16	15.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.20	14.18	14.27	15.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.18	14.30	14.18	15.5	0.0

Part27O_n78_Ant 4 HPUE

BW [MHz]	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		14.18		15.5	0.0
100	PI/2 BPSK	1	137		14.17			
100	PI/2 BPSK	1	271		14.12			
100	PI/2 BPSK	135	0		14.17		15.5	0.0
100	PI/2 BPSK	135	69		14.20		15.5	0.0
100	PI/2 BPSK	135	138		14.17		15.5	0.0
100	PI/2 BPSK	270	0		14.23			
100	QPSK	1	1		14.26		15.5	0.0
100	QPSK	1	137		14.18			
100	QPSK	1	271		14.17			
100	QPSK	135	0		14.06		15.5	0.0
100	QPSK	135	69		14.19		15.5	0.0
100	QPSK	135	138		14.15		15.5	0.0
100	QPSK	270	0		14.13			
100	16QAM	1	1		14.22		15.5	0.0
100	64QAM	1	1		14.23		15.5	0.0
100	256QAM	1	1		14.22		15.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.25	14.15	14.21	15.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.14	14.25	14.20	15.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.11	14.19	14.13	15.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.16	14.12	14.16	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.19	14.16	14.17	15.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.17	14.14	14.20	15.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.19	14.15	14.11	15.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.15	14.13	14.12	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.17	14.11	14.14	15.5	0.0

2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 13 Average power (dBm)	Full Power Ant 13 Tune-Up Limit	Body Standalone Ant 13 Average power (dBm)	Body Standalone Ant 13 Tune-Up Limit	Head Standalone Ant 13 Average power (dBm)	Head Standalone Ant 13 Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.00	19.50	17.54	19.00	15.47	17.00	100.00
		6	2437	17.80	19.50	17.33	19.00	15.28	17.00	
		11	2462	17.60	19.50	17.11	19.00	15.15	17.00	
	802.11g 6Mbps	1	2412	14.60	16.00		16.00		16.00	99.53
		6	2437	17.10	18.50		18.50		17.00	
		11	2462	16.30	18.00		18.00		17.00	
	802.11n-HT20 MCS0	1	2412	12.40	13.50		13.50		13.50	99.82
		2	2417	16.90	18.00		18.00		17.00	
		6	2437	17.50	18.50		18.50		17.00	
		11	2462	15.10	16.50		16.50		16.50	
	802.11n-HT40 MCS0	3	2422	14.10	16.00		16.00		16.00	99.82
		6	2437	16.50	18.00		18.00		17.00	
		7	2442	14.10	16.00		16.00		16.00	
		8	2447	13.60	15.50		15.50		15.50	
		9	2452	12.60	14.50		14.50		14.50	
	802.11ac-VHT20 MCS0	1	2412	Not Required	13.00		13.00		13.00	99.82
		2	2417		18.00		18.00		17.00	
		6	2437		18.50		18.50		17.00	
		11	2462		17.00		17.00		17.00	
	802.11ac-VHT40 MCS0	3	2422		14.00		14.00		14.00	99.82
		4	2427		15.00		15.00		15.00	
		6	2437	Not Required	17.00	Not Required	17.00	Not Required	17.00	
		8	2447		14.50		14.50		14.50	
		9	2452		14.00		14.00		14.00	
	802.11ax-HE20 MCS0	1	2412	11.40	13.00		13.00		13.00	99.63
		2	2417	16.40	18.00		18.00		17.00	
		6	2437	16.90	18.50		18.50		17.00	
		11	2462	15.10	17.00		17.00		17.00	
	802.11ax-HE40 MCS0	3	2422	12.10	14.00		14.00		14.00	99.63
		4	2427	13.10	15.00		15.00		15.00	
		6	2437	15.00	17.00		17.00		17.00	
		8	2447	12.60	14.50		14.50		14.50	
		9	2452	12.10	14.00		14.00		14.00	
	802.11be-EHT20 MCS0	1	2412	12.60	14.00		14.00		14.00	99.63
		2	2417	16.50	18.00		18.00		17.00	
		6	2437	17.00	18.50		18.50		17.00	
		11	2462	15.30	16.00		16.00		16.00	
	802.11be-EHT40 MCS0	3	2422	12.80	14.00		14.00		14.00	99.64
		4	2427	14.70	16.00		16.00		16.00	
		6	2437	16.00	17.50		17.50		17.00	
		9	2452	13.60	15.00		15.00		15.00	

2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 6 Average power (dBm)	Full Power Ant 6 Tune-Up Limit	Body Standalone Ant 6 Average power (dBm)	Body Standalone Ant 6 Tune-Up Limit	Head Standalone Ant 6 Average power (dBm)	Head Standalone Ant 6 Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.80	19.50	15.68	17.50	14.30	16.00	100.00
		6	2437	17.90	19.50	15.95	17.50	14.37	16.00	
		11	2462	17.60	19.50	15.69	17.50	14.11	16.00	
	802.11g 6Mbps	1	2412	14.50	16.00		16.00		16.00	99.53
		6	2437	17.00	18.50		17.50		16.00	
		11	2462	16.10	18.00		17.50		16.00	
	802.11n-HT20 MCS0	1	2412	12.10	13.50		13.50		13.50	99.82
		2	2417	16.70	18.00		17.50		16.00	
		6	2437	17.10	18.50		17.50		16.00	
		11	2462	15.00	16.50		16.50		16.00	
	802.11n-HT40 MCS0	3	2422	14.00	16.00		16.00		16.00	99.82
		6	2437	16.50	18.00		17.50		16.00	
		7	2442	14.00	16.00		16.00		16.00	
		8	2447	13.50	15.50		15.50		15.50	
		9	2452	12.50	14.50		14.50		14.50	
	802.11ac-VHT20 MCS0	1	2412	Not Required	13.00		13.00		13.00	99.82
		2	2417		18.00		17.50		16.00	
		6	2437		18.50		17.50		16.00	
		11	2462		17.00		17.00		16.00	
	802.11ac-VHT40 MCS0	3	2422		14.00		14.00		14.00	99.82
		4	2427		15.00		15.00		15.00	
		6	2437	Not Required	17.00	Not Required	17.00	Not Required	16.00	
		8	2447		14.50		14.50		14.50	
		9	2452		14.00		14.00		14.00	
	802.11ax-HE20 MCS0	1	2412	11.00	13.00		13.00		13.00	99.63
		2	2417	16.10	18.00		17.50		16.00	
		6	2437	16.70	18.50		17.50		16.00	
		11	2462	15.00	17.00		17.00		16.00	
	802.11ax-HE40 MCS0	3	2422	12.10	14.00		14.00		14.00	99.63
		4	2427	13.00	15.00		15.00		15.00	
		6	2437	15.00	17.00		17.00		16.00	
		8	2447	12.50	14.50		14.50		14.50	
		9	2452	12.00	14.00		14.00		14.00	
	802.11be-EHT20 MCS0	1	2412	12.20	14.00		14.00		14.00	99.63
		2	2417	16.30	18.00		17.50		16.00	
		6	2437	16.80	18.50		17.50		16.00	
		11	2462	15.20	16.00		16.00		16.00	
	802.11be-EHT40 MCS0	3	2422	12.60	14.00		14.00		14.00	99.64
		4	2427	14.60	16.00		16.00		16.00	
		6	2437	16.10	17.50		17.50		16.00	
		9	2452	13.60	15.00		15.00		15.00	

5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 9 Average power (dBm)	Full Power Ant 9 Tune-Up Limit	Body Standalone Ant 9 Average power (dBm)	Body Standalone Ant 9 Tune-Up Limit	Head Standalone Ant 9 Average power (dBm)	Head Standalone Ant 9 Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.07	19.50		15.50		14.50	99.53
		40	5200	18.44	20.00		15.50		14.50	
		44	5220	18.58	20.00		15.50		14.50	
		48	5240	18.38	20.00		15.50		14.50	
	802.11n-HT20 MCS0	36	5180	18.14	19.50		15.50		14.50	99.45
		40	5200	18.56	20.00		15.50		14.50	
		44	5220	18.78	20.00		15.50		14.50	
		48	5240	18.62	20.00	Not Required	15.50	Not Required	14.50	
	802.11n-HT40 MCS0	38	5190	18.05	19.50		15.50		14.50	99.63
		46	5230	18.60	20.00		15.50		14.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	20.00		15.50		14.50	99.45
		40	5200		20.00		15.50		14.50	
		44	5220		20.00		15.50		14.50	
		48	5240		20.00		15.50		14.50	
	802.11ac-VHT40 MCS0	38	5190		20.00		15.50		14.50	99.63
		46	5230		20.00		15.50		14.50	
	802.11ac-VHT80 MCS0	42	5210	17.24	18.50	14.38	15.50	13.32	14.50	99.45
	802.11ax-HE20 MCS0	36	5180	17.96	19.00		15.50		14.50	99.45
		40	5200	18.35	20.00		15.50		14.50	
		44	5220	18.46	20.00		15.50		14.50	
		48	5240	18.27	20.00		15.50		14.50	
	802.11ax-HE40 MCS0	38	5190	17.08	19.00		15.50		14.50	100.00
		46	5230	18.01	20.00		15.50		14.50	
	802.11ax-HE80 MCS0	42	5210	17.29	18.50	Not Required	15.50	Not Required	14.50	100.00
	802.11be-EHT20 MCS0	36	5180	15.44	17.00		15.50		14.50	99.63
		40	5200	15.46	17.00		15.50		14.50	
		44	5220	15.48	17.00		15.50		14.50	
		48	5240	15.46	17.00		15.50		14.50	
	802.11be-EHT40 MCS0	38	5190	15.21	17.00		15.50		14.50	100.00
		46	5230	15.15	17.00		15.50		14.50	
	802.11be-EHT80 MCS0	42	5210	15.29	17.00		15.50		14.50	100.00

5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 8 Average power (dBm)	Full Power Ant 8 Tune-Up Limit	Body Standalone Ant 8 Average power (dBm)	Body Standalone Ant 8 Tune-Up Limit	Head Standalone Ant 8 Average power (dBm)	Head Standalone Ant 8 Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.33	20.00		17.50		15.00	99.05
		40	5200	19.28	20.00		17.50		15.00	
		44	5220	19.31	20.00		17.50		15.00	
		48	5240	19.24	20.00		17.50		15.00	
	802.11n-HT20 MCS0	36	5180	19.44	20.00		17.50		15.00	100.00
		40	5200	19.41	20.00		17.50		15.00	
		44	5220	19.47	20.00		17.50		15.00	
		48	5240	19.43	20.00	Not Required	17.50	Not Required	15.00	
	802.11n-HT40 MCS0	38	5190	19.40	20.00		17.50		15.00	100.00
		46	5230	19.50	20.00		17.50		15.00	
	802.11ac-VHT20 MCS0	36	5180	Not Required	20.00		17.50		15.00	100.00
		40	5200		20.00		17.50		15.00	
		44	5220		20.00		17.50		15.00	
		48	5240		20.00		17.50		15.00	
	802.11ac-VHT40 MCS0	38	5190		20.00		17.50		15.00	100.00
		46	5230		20.00		17.50		15.00	
	802.11ac-VHT80 MCS0	42	5210	19.69	20.00	17.20	17.50	14.69	15.00	100.00
	802.11ax-HE20 MCS0	36	5180	19.16	20.00		17.50		15.00	100.00
		40	5200	19.11	20.00		17.50		15.00	
		44	5220	19.22	20.00		17.50		15.00	
		48	5240	19.23	20.00		17.50		15.00	
	802.11ax-HE40 MCS0	38	5190	18.73	20.00		17.50		15.00	100.00
		46	5230	18.82	20.00		17.50		15.00	
	802.11ax-HE80 MCS0	42	5210	19.75	20.00	Not Required	17.50	Not Required	15.00	100.00
	802.11be-EHT20 MCS0	36	5180	16.34	17.00		17.00		15.00	99.63
		40	5200	16.35	17.00		17.00		15.00	
		44	5220	16.38	17.00		17.00		15.00	
		48	5240	16.32	17.00		17.00		15.00	
	802.11be-EHT40 MCS0	38	5190	16.11	17.00		17.00		15.00	100.00
		46	5230	16.09	17.00		17.00		15.00	
	802.11be-EHT80 MCS0	42	5210	16.21	17.00		17.00		15.00	100.00

5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 9 Average power (dBm)	Full Power Ant 9 Tune-Up Limit	Body Standalone Ant 9 Average power (dBm)	Body Standalone Ant 9 Tune-Up Limit	Head Standalone Ant 9 Average power (dBm)	Head Standalone Ant 9 Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.49	20.00		15.50		14.50	99.53
		56	5280	18.38	20.00		15.50		14.50	
		60	5300	18.44	20.00		15.50		14.50	
		64	5320	18.51	20.00		15.50		14.50	
	802.11n-HT20 MCS0	52	5260	18.58	20.00		15.50		14.50	99.45
		56	5280	18.48	20.00		15.50		14.50	
		60	5300	18.53	20.00		15.50		14.50	
		64	5320	18.64	20.00	Not Required	15.50	Not Required	14.50	
	802.11n-HT40 MCS0	54	5270	18.40	20.00		15.50		14.50	99.63
		62	5310	17.87	19.50		15.50		14.50	
	802.11ac-VHT20 MCS0	52	5260	Not Required	20.00		15.50		14.50	99.45
		56	5280		20.00		15.50		14.50	
		60	5300		20.00		15.50		14.50	
		64	5320		20.00		15.50		14.50	
	802.11ac-VHT40 MCS0	54	5270		20.00		15.50		14.50	99.63
		62	5310		20.00		15.50		14.50	
	802.11ac-VHT80 MCS0	58	5290	17.22	18.50		15.50		14.50	99.45
	802.11ac-VHT160 MCS0	50	5250	15.34	16.50	14.38	15.50	13.45	14.50	100.00
	802.11ax-HE20 MCS0	52	5260	18.36	20.00		15.50		14.50	99.45
		56	5280	18.27	20.00		15.50		14.50	
		60	5300	18.36	20.00		15.50		14.50	
		64	5320	17.48	19.00		15.50		14.50	
	802.11ax-HE40 MCS0	54	5270	18.05	20.00		15.50		14.50	100.00
		62	5310	16.56	18.50		15.50		14.50	
	802.11ax-HE80 MCS0	58	5290	17.33	18.50		15.50		14.50	100.00
	802.11ax-HE160 MCS0	50	5250	15.54	16.50		15.50		14.50	100.00
	802.11be-EHT20 MCS0	52	5260	15.47	17.00	Not Required	15.50	Not Required	14.50	99.63
		56	5280	15.45	17.00		15.50		14.50	
		60	5300	15.49	17.00		15.50		14.50	
		64	5320	15.46	17.00		15.50		14.50	
	802.11be-EHT40 MCS0	54	5270	15.19	17.00		15.50		14.50	100.00
		62	5310	15.16	17.00		15.50		14.50	
	802.11be-EHT80 MCS0	58	5290	15.24	17.00		15.50		14.50	100.00
	802.11be-EHT160 MCS0	50	5250	15.20	17.00		15.50		14.50	100.00

6.3GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 8 Average power (dBm)	Full Power Ant 8 Tune-Up Limit	Body Standalone Ant 8 Average power (dBm)	Body Standalone Ant 8 Tune-Up Limit	Head Standalone Ant 8 Average power (dBm)	Head Standalone Ant 8 Tune-Up Limit	Duty Cycle %
6.3GHz WLAN	802.11a 6Mbps	52	5260	19.38	20.00		17.50		15.00	99.05
		56	5280	19.33	20.00		17.50		15.00	
		60	5300	19.29	20.00		17.50		15.00	
		64	5320	19.28	20.00		17.50		15.00	
	802.11n-HT20 MCS0	52	5260	19.40	20.00		17.50		15.00	100.00
		56	5280	19.38	20.00		17.50		15.00	
		60	5300	19.35	20.00		17.50		15.00	
		64	5320	19.48	20.00	Not Required	17.50	Not Required	15.00	
	802.11n-HT40 MCS0	54	5270	19.42	20.00		17.50		15.00	100.00
		62	5310	19.33	20.00		17.50		15.00	
	802.11ac-VHT20 MCS0	52	5260	Not Required	20.00		17.50		15.00	100.00
		56	5280		20.00		17.50		15.00	
		60	5300		20.00		17.50		15.00	
		64	5320		20.00		17.50		15.00	
	802.11ac-VHT40 MCS0	54	5270		20.00		17.50		15.00	100.00
		62	5310		20.00		17.50		15.00	
	802.11ac-VHT80 MCS0	58	5290	19.72	20.00		17.50		15.00	100.00
	802.11ac-VHT160 MCS0	50	5250	16.92	17.50	16.92	17.50	14.93	15.00	100.00
	802.11ax-HE20 MCS0	52	5260	19.31	20.00		17.50		15.00	100.00
		56	5280	19.18	20.00		17.50		15.00	
		60	5300	19.13	20.00		17.50		15.00	
		64	5320	19.24	20.00		17.50		15.00	
	802.11ax-HE40 MCS0	54	5270	18.86	20.00		17.50		15.00	100.00
		62	5310	18.83	20.00		17.50		15.00	
	802.11ax-HE80 MCS0	58	5290	19.80	20.00		17.50		15.00	100.00
	802.11ax-HE160 MCS0	50	5250	18.45	18.50	Not Required	17.50	Not Required	15.00	100.00
	802.11be-EHT20 MCS0	52	5260	16.40	17.00		17.00		15.00	99.63
		56	5280	16.37	17.00		17.00		15.00	
		60	5300	16.36	17.00		17.00		15.00	
		64	5320	16.29	17.00		17.00		15.00	
	802.11be-EHT40 MCS0	54	5270	16.01	17.00		17.00		15.00	100.00
		62	5310	16.06	17.00		17.00		15.00	
	802.11be-EHT80 MCS0	58	5290	16.12	17.00		17.00		15.00	100.00
	802.11be-EHT160 MCS0	50	5250	16.20	17.00		17.00		15.00	100.00

5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 9 Average power (dBm)	Full Power Ant 9 Tune-Up Limit	Body Standalone Ant 9 Average power (dBm)	Body Standalone Ant 9 Tune-Up Limit	Head Standalone Ant 9 Average power (dBm)	Head Standalone Ant 9 Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.68	20.00		16.00		14.00	99.53
		116	5580	18.92	20.00		16.00		14.00	
		124	5620	18.66	20.00		16.00		14.00	
		132	5660	18.63	20.00		16.00		14.00	
		140	5700	19.32	20.00		16.00		14.00	
	802.11n-HT20 MCS0	100	5500	18.82	20.00		16.00		14.00	99.45
		116	5580	19.03	20.00		16.00		14.00	
		124	5620	19.00	20.00		16.00		14.00	
		132	5660	19.01	20.00		16.00		14.00	
		140	5700	19.45	20.00		16.00		14.00	
	802.11n-HT40 MCS0	102	5510	18.64	20.00		16.00		14.00	99.63
		110	5550	18.81	20.00	Not Required	16.00	Not Required	14.00	
		126	5630	18.90	20.00		16.00		14.00	
		134	5670	19.35	20.00		16.00		14.00	
	802.11ac-VHT20 MCS0	100	5500	Not Required	20.00		16.00		14.00	99.45
		116	5580		20.00		16.00		14.00	
		124	5620		20.00		16.00		14.00	
		132	5660		20.00		16.00		14.00	
		140	5700		20.00		16.00		14.00	
	802.11ac-VHT40 MCS0	102	5510		20.00		16.00		14.00	99.63
		110	5550		20.00		16.00		14.00	
		126	5630		20.00		16.00		14.00	
		134	5670		20.00		16.00		14.00	
	802.11ac-VHT80 MCS0	106	5530	18.90	20.00		16.00		14.00	99.45
		122	5610	19.36	20.00		16.00		14.00	
	802.11ac-VHT160 MCS0	114	5570	16.48	17.00	15.40	16.00	13.50	14.00	100.00
	802.11ax-HE20 MCS0	100	5500	18.60	20.00		16.00		14.00	99.45
		116	5580	18.81	20.00		16.00		14.00	
		124	5620	18.88	20.00		16.00		14.00	
		132	5660	18.92	20.00		16.00		14.00	
		140	5700	19.24	20.00		16.00		14.00	
	802.11ax-HE40 MCS0	102	5510	18.09	20.00		16.00		14.00	100.00
		110	5550	18.15	20.00		16.00		14.00	
		126	5630	18.33	20.00		16.00		14.00	
		134	5670	18.67	20.00		16.00		14.00	
	802.11ax-HE80 MCS0	106	5530	18.42	19.50		16.00		14.00	100.00
		122	5610	19.44	20.00		16.00		14.00	
	802.11ax-HE160 MCS0	114	5570	17.01	17.50	Not Required	16.00	Not Required	14.00	100.00
	802.11be-EHT20 MCS0	100	5500	15.23	17.00		16.00		14.00	99.63
		116	5580	15.36	17.00		16.00		14.00	
		124	5620	15.38	17.00		16.00		14.00	
		132	5660	15.40	17.00		16.00		14.00	
		140	5700	15.43	17.00		16.00		14.00	
	802.11be-EHT40 MCS0	102	5510	15.24	17.00		16.00		14.00	100.00
		110	5550	15.42	17.00		16.00		14.00	
		126	5630	15.68	17.00		16.00		14.00	
		134	5670	15.97	17.00		16.00		14.00	
	802.11be-EHT80 MCS0	106	5530	15.38	17.00		16.00		14.00	100.00
		122	5610	15.25	17.00		16.00		14.00	
	802.11be-EHT160 MCS0	114	5570	15.74	17.00		16.00		14.00	100.00

5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power Ant 8 Average power (dBm)	Full Power Ant 8 Tune-Up Limit	Body Standalone Ant 8 Average power (dBm)	Body Standalone Ant 8 Tune-Up Limit	Head Standalone Ant 8 Average power (dBm)	Head Standalone Ant 8 Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.34	20.00		17.00		14.00	99.05
		116	5580	19.42	20.00		17.00		14.00	
		124	5620	19.33	20.00		17.00		14.00	
		132	5660	19.38	20.00		17.00		14.00	
		140	5700	19.26	20.00		17.00		14.00	
	802.11n-HT20 MCS0	100	5500	19.38	20.00		17.00		14.00	100.00
		116	5580	19.51	20.00		17.00		14.00	
		124	5620	19.45	20.00		17.00		14.00	
		132	5660	19.48	20.00		17.00		14.00	
		140	5700	19.46	20.00		17.00		14.00	
	802.11n-HT40 MCS0	102	5510	19.36	20.00		17.00		14.00	100.00
		110	5550	19.36	20.00	Not Required	17.00	Not Required	14.00	
		126	5630	19.39	20.00		17.00		14.00	
		134	5670	19.59	20.00		17.00		14.00	
	802.11ac-VHT20 MCS0	100	5500	Not Required	20.00		17.00		14.00	100.00
		116	5580		20.00		17.00		14.00	
		124	5620		20.00		17.00		14.00	
		132	5660		20.00		17.00		14.00	
		140	5700		20.00		17.00		14.00	
	802.11ac-VHT40 MCS0	102	5510		20.00		17.00		14.00	100.00
		110	5550		20.00		17.00		14.00	
		126	5630		20.00		17.00		14.00	
		134	5670		20.00		17.00		14.00	
	802.11ac-VHT80 MCS0	106	5530	17.07	17.50		17.00		14.00	100.00
		122	5610	19.75	20.00		17.00		14.00	
	802.11ac-VHT160 MCS0	114	5570	17.43	17.50	13.96	14.00	16.93	17.00	100.00
	802.11ax-HE20 MCS0	100	5500	19.32	20.00		17.00		14.00	100.00
		116	5580	19.26	20.00		17.00		14.00	
		124	5620	19.18	20.00		17.00		14.00	
		132	5660	19.16	20.00		17.00		14.00	
		140	5700	19.19	20.00		17.00		14.00	
	802.11ax-HE40 MCS0	102	5510	18.81	20.00		17.00		14.00	100.00
		110	5550	18.69	20.00		17.00		14.00	
		126	5630	18.75	20.00		17.00		14.00	
		134	5670	18.95	20.00		17.00		14.00	
	802.11ax-HE80 MCS0	106	5530	18.71	19.00		17.00		14.00	100.00
		122	5610	19.84	20.00		17.00		14.00	
	802.11ax-HE160 MCS0	114	5570	18.41	19.00	Not Required	17.00	Not Required	14.00	100.00
	802.11be-EHT20 MCS0	100	5500	15.73	17.00		17.00		14.00	99.63
		116	5580	15.98	17.00		17.00		14.00	
		124	5620	15.58	17.00		17.00		14.00	
		132	5660	15.62	17.00		17.00		14.00	
		140	5700	15.51	17.00		17.00		14.00	
	802.11be-EHT40 MCS0	102	5510	16.03	17.00		17.00		14.00	100.00
		110	5550	16.15	17.00	

	2.4GHz WLAN				Full Power						Body Standalone						Head Standalone						Duty Cycle %
					Ant 13		Ant 6		Ant 13+6		Ant 13		Ant 6		Ant 13+6		Ant 13		Ant 6		Ant 13+6		
	Mode	Channel	Frequency (MHz)	RU Config.	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	2412	Full																			100.00
		6	2437	Full																			
		11	2462	Full																			
	802.11g 6Mbps	1	2412	Full	14.60	16.00	14.50	16.00	17.56	19.00		16.00		16.00		19.00		16.00		16.00		19.00	99.53
		6	2437	Full	17.10	18.50	17.00	18.50	20.06	21.50		16.00		16.00		19.00		16.00		16.00		19.00	
		11	2462	Full	16.30	18.00	16.10	18.00	19.21	21.00	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	16.00	Not Required	16.00	Not Required	19.00	
	802.11n-HT20 MCS0	1	2412	Full	12.40	13.50	12.10	13.50	15.26	16.50		13.50		13.50		16.50		13.50		13.50		16.50	99.82
		2	2417	Full	16.90	18.00	16.70	18.00	19.81	21.00		16.00		16.00		19.00		16.00		16.00		19.00	
		6	2437	Full	17.50	18.50	17.10	18.50	20.31	21.50		16.00		16.00		19.00		16.00		16.00		19.00	
		11	2462	Full	15.10	16.50	15.00	16.50	18.06	19.50		16.00		16.00		19.00		16.00		16.00		19.00	
	802.11n-HT40 MCS0	3	2422	Full	14.10	16.00	14.00	16.00	17.06	19.00	14.10	16.00	14.00	16.00	17.06	19.00	14.10	16.00	14.00	16.00	17.06	19.00	99.82
		6	2437	Full	16.50	18.00	16.50	18.00	19.51	21.00	14.36	16.00	14.35	16.00	17.37	19.00	14.36	16.00	14.35	16.00	17.37	19.00	
		7	2442	Full	14.10	16.00	14.00	16.00	17.06	19.00	14.10	16.00	14.00	16.00	17.06	19.00	14.10	16.00	14.00	16.00	17.06	19.00	
		8	2447	Full	13.60	15.50	13.50	15.50	16.56	18.50	13.60	15.50	13.50	15.50	16.56	18.50	13.60	15.50	13.50	15.50	16.56	18.50	
		9	2452	Full	12.60	14.50	12.50	14.50	15.56	17.50	12.60	14.50	12.50	14.50	15.56	17.50	12.60	14.50	12.50	14.50	15.56	17.50	
	802.11ac-VHT20 MCS0	1	2412	Full		13.00		13.00		16.00		13.00		13.00		16.00		13.00		13.00		16.00	99.82
		2	2417	Full		18.00		18.00		21.00		16.00		16.00		19.00		16.00		16.00		19.00	
		6	2437	Full		18.50		18.50		21.50		16.00		16.00		19.00		16.00		16.00		19.00	
		11	2462	Full		17.00		17.00		20.00		16.00		16.00		19.00		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	3	2422	Full	Not Required	14.00	Not Required	14.00	Not Required	17.00		14.00		14.00		17.00		14.00		14.00		17.00	99.82
		4	2427	Full		15.00		15.00		18.00		15.00		15.00		18.00		15.00		15.00		18.00	
		6	2437	Full		17.00		17.00		20.00		16.00		16.00		19.00		16.00		16.00		19.00	
		8	2447	Full		14.50		14.50		17.50		14.50		14.50		17.50		14.50		14.50		17.50	
		9	2452	Full		14.00		14.00		17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11ax-HE20 MCS0	1	2412	Full	11.40	13.00	11.00	13.00	14.21	16.00		13.00		13.00		16.00		13.00		13.00		16.00	99.63
				26/0	6.50	6.50	5.00	6.50	8.82	9.50		6.50		6.50		9.50		6.50		6.50		9.50	
				52/37	9.50	9.50	8.30	9.50	11.95	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106/53	10.40	11.50	10.00	11.50	13.21	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
		2	2417	Full	16.40	18.00	16.10	18.00	19.26	21.00		16.00		16.00		19.00		16.00		16.00		19.00	
		6	2437	Full	16.90	18.50	16.70	18.50	19.81	21.50		16.00		16.00		19.00		16.00		16.00		19.00	
		11	2462	Full	15.10	17.00	15.00	17.00	18.06	20.00		16.00		16.00		19.00		16.00		16.00		19.00	
				26/8	5.50	6.50	5.00	6.50	8.27	9.50		6.50		6.50		9.50		6.50		6.50		9.50	
				52/40	9.20	9.50	8.20	9.50	11.74	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106/54	10.80	11.50	10.00	11.50	13.43	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
	802.11ax-HE40 MCS0	3	2422	Full	12.10	14.00	12.10	14.00	15.11	17.00		14.00		14.00		17.00		14.00		14.00		17.00	99.63
		4	2427	Full	13.10	15.00	13.00	15.00	16.06	18.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	
		6	2437	Full	15.00	17.00	15.00	17.00	18.01	20.00		16.00		16.00		19.00		16.00		16.00		19.00	
		8	2447	Full	12.60	14.50	12.50	14.50	15.56	17.50		14.50		14.50		17.50		14.50		14.50		17.50	
		9	2452	Full	12.10	14.00	12.00	14.00	15.06	17.00		14.00		14.00		17.00		14.00		14.00		17.00	
	802.11be-EHT20 MCS0	1	2412	Full	12.60	14.00	12.20	14.00	15.41	17.00		14.00		14.00		17.00		14.00		14.00		17.00	99.63
				26/0	6.50	6.50	5.10	6.50	8.87	9.50		6.50		6.50		9.50		6.50		6.50		9.50	
				52/37	9.50	9.50	8.40	9.50	12.00	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106/53	10.60	11.50	10.10	11.50	13.37	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
				52+26	8.70	9.50	8.20	9.50	11.47	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106+26	10.90	11.50	10.20	11.50	13.57	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
		2	2417	Full	16.50	18.00	16.30	18.00	19.41	21.00		16.00		16.00		19.00		16.00		16.00		19.00	
		6	2437	Full	17.00	18.50	16.80	18.50	19.91	21.50		16.00		16.00		19.00		16.00		16.00		19.00	
		11	2462	Full	15.30	16.00	15.20	16.00	18.26	19.00		16.00		16.00		19.00		16.00		16.00		19.00	
				26/8	5.60	6.50	5.10	6.50	8.37	9.50		6.50		6.50		9.50		6.50		6.50		9.50	
				52/40	9.30	9.50	8.30	9.50	11.84	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106/54	10.90	11.50	10.10	11.50	13.53	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
				52+26	8.90	9.50	8.10	9.50	11.53	12.50		9.50		9.50		12.50		9.50		9.50		12.50	
				106+26	10.90	11.50	10.10	11.50	13.53	14.50		11.50		11.50		14.50		11.50		11.50		14.50	
	802.11be-EHT40 MCS0	3	2422	Full	12.80	14.00	12.60	14.00	15.71	17.00		14.00		14.00		17.00		14.00		14.00		17.00	99.64
		4	2427	Full	14.70	16.00	14.60	16.00	17.66	19.00		16.00		16.00		19.00		16.00		16.00		19.00	
		6	2437	Full	16.00	17.50	16.10	17.50	19.06	20.50		16.00		16.00		19.00		16.00		16.00		19.00	
		9	2452	Full	13.60	15.00	13.60	15.00	16.61	18.00		15.00		15.00		18.00		15.00		15.00		18.00	

	5.2GHz WLAN				Full Power						Body Standalone						Head Standalone						Duty Cycle %
					Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
	Mode	Channel	Frequency (MHz)	RU Config.	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	5180	Full	15.26	17.00	16.23	17.00	18.78	20.00		15.50		15.50		18.50		13.50		13.50		16.50	99.53
		40	5200	Full	15.33	17.00	16.26	17.00	18.83	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		44	5220	Full	15.48	17.00	16.30	17.00	18.92	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		48	5240	Full	15.39	17.00	16.26	17.00	18.86	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11n-HT20 MCS0	36	5180	Full	15.31	17.00	16.19	17.00	18.78	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		40	5200	Full	15.32	17.00	16.22	17.00	18.80	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		44	5220	Full	15.35	17.00	16.23	17.00	18.82	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		48	5240	Full	15.33	17.00	16.17	17.00	18.78	20.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	
	802.11n-HT40 MCS0	38	5190	Full	15.12	17.00	15.98	17.00	18.58	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		46	5230	Full	15.06	17.00	15.96	17.00	18.54	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	36	5180	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		40	5200	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		44	5220	Full	Not Required	17.00	Not Required	17.00	Not Required	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		48	5240	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	38	5190	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		46	5230	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	42	5210	Full	15.20	17.00	16.12	17.00	18.70	20.00	13.73	15.50	14.65	15.50	17.23	18.50	11.68	13.50	12.66	13.50	15.21	16.50	99.45
	802.11ax-HE20 MCS0	36	5180	Full	15.37	17.00	16.25	17.00	18.84	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
				26/0	2.26	4.00	2.15	4.00	5.22	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/37	5.14	7.00	5.05	7.00	8.11	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.11	10.00	8.96	10.00	11.57	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		40	5200	Full	15.38	17.00	16.27	17.00	18.86	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		44	5220	Full	15.41	17.00	16.29	17.00	18.88	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		48	5240	Full	15.39	17.00	16.23	17.00	18.84	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	38	5190	Full	15.12	17.00	16.00	17.00	18.59	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		46	5230	Full	15.06	17.00	15.98	17.00	18.55	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ax-HE80 MCS0	42	5210	Full	15.24	17.00	16.16	17.00	18.73	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
	802.11be-EHT20 MCS0	36	5180	Full	15.44	17.00	16.34	17.00	18.92	20.00		15.50		15.50		18.50		13.50		13.50		16.50	99.63
				26/0	2.34	4.00	2.24	4.00	5.30	7.00	Not Required	4.00	Not Required	4.00	Not Required	7.00	Not Required	4.00	Not Required	4.00	Not Required	7.00	
				52/37	5.20	7.00	5.10	7.00	8.16	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.16	10.00	9.02	10.00	11.62	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
				52+26 OFDMA	5.38	7.00	5.07	7.00	8.24	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106+26 OFDMA	8.34	10.00	9.07	10.00	11.73	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		40	5200	Full	15.46	17.00	16.35	17.00	18.94	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		44	5220	Full	15.48	17.00	16.38	17.00	18.96	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		48	5240	Full	15.46	17.00	16.32	17.00	18.92	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11be-EHT40 MCS0	38	5190	Full	15.21	17.00	16.11	17.00	18.69	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		46	5230	Full	15.15	17.00	16.09	17.00	18.65	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11be-EHT80 MCS0	42	5210	Full	15.29	17.00	16.21	17.00	18.78	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
				Large RU 484+242	15.40	17.00	16.20	17.00	18.83	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 20M	15.14	17.00	15.93	17.00	18.56	20.00		15.50		15.50		18.50		13.50		13.50		16.50	

	5.3GHz WLAN				Full Power						Body Standalone						Head Standalone						Duty Cycle %
					Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
	Mode	Channel	Frequency (MHz)	RU Config.	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	5260	Full	15.31	17.00	16.22	17.00	18.80	20.00		15.50		15.50		18.50		13.50		13.50		16.50	99.53
		56	5280	Full	15.35	17.00	16.18	17.00	18.80	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		60	5300	Full	15.49	17.00	16.21	17.00	18.88	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		64	5320	Full	15.48	17.00	16.26	17.00	18.90	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11n-HT20 MCS0	52	5260	Full	15.34	17.00	16.25	17.00	18.83	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		56	5280	Full	15.33	17.00	16.22	17.00	18.81	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		60	5300	Full	15.36	17.00	16.21	17.00	18.82	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		64	5320	Full	15.33	17.00	16.14	17.00	18.77	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11n-HT40 MCS0	54	5270	Full	15.10	17.00	15.88	17.00	18.52	20.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	100.00
		62	5310	Full	15.07	17.00	15.93	17.00	18.53	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	52	5260	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		56	5280	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		60	5300	Full	Not Required	17.00	Not Required	17.00	Not Required	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		64	5320	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	54	5270	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		62	5310	Full		17.00		17.00		20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	58	5290	Full	15.15	17.00	16.03	17.00	18.63	20.00		15.50		15.50		18.50		13.50		13.50		16.50	99.45
	802.11ac-VHT160 MCS0	50	5250	Full	15.11	17.00	16.07	17.00	18.63	20.00	13.70	15.50	14.56	15.50	17.16	18.50	11.65	13.50	12.60	13.50	15.16	16.50	100.00
	802.11ax-HE20 MCS0	52	5260	Full	15.40	17.00	16.31	17.00	18.89	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		56	5280	Full	15.38	17.00	16.30	17.00	18.87	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		60	5300	Full	15.42	17.00	16.27	17.00	18.88	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		64	5320	Full	15.39	17.00	16.20	17.00	18.83	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
				26/8	2.66	4.00	2.41	4.00	5.55	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/40	5.17	7.00	5.02	7.00	8.11	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.38	10.00	8.45	10.00	11.43	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11ax-HE40 MCS0	54	5270	Full	15.10	17.00	15.90	17.00	18.53	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		62	5310	Full	15.07	17.00	15.95	17.00	18.54	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11ax-HE80 MCS0	58	5290	Full	15.19	17.00	16.07	17.00	18.66	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
	802.11ax-HE160 MCS0	50	5250	Full	15.12	17.00	16.10	17.00	18.65	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		52	5260	Full	15.47	17.00	16.40	17.00	18.97	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		56	5280	Full	15.45	17.00	16.37	17.00	18.94	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		60	5300	Full	15.49	17.00	16.36	17.00	18.96	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
		64	5320	Full	15.46	17.00	16.29	17.00	18.91	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11be-EHT20 MCS0			26/8	2.71	4.00	2.48	4.00	5.61	7.00		4.00		4.00		7.00		4.00		4.00		7.00	99.63
				52/40	5.25	7.00	5.04	7.00	8.16	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.44	10.00	8.55	10.00	11.51	13.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	
				52+26_OFDMA	5.23	7.00	5.09	7.00	8.17	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106+26_OFDMA	8.40	10.00	8.58	10.00	11.50	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11be-EHT40 MCS0	54	5270	Full	15.19	17.00	16.01	17.00	18.63	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
		62	5310	Full	15.16	17.00	16.06	17.00	18.64	20.00		15.50		15.50		18.50		13.50		13.50		16.50	
	802.11be-EHT80 MCS0	58	5290	Full	15.24	17.00	16.12	17.00	18.71	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
				Large RU 484+242	15.15	17.00	15.99	17.00	18.60	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
				Puncturing 20M	15.33	17.00	16.35	17.00	18.88	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
	802.11be-EHT160 MCS0	50	5250	Full	15.20	17.00	16.20	17.00	18.74	20.00		15.50		15.50		18.50		13.50		13.50		16.50	100.00
				Large RU 996+484-2	13.89	15.50	14.75	15.50	17.35	18.50		15.50		15.50		18.50		13.50		13.50		16.50	
				Large RU 996+484-3	13.66	15.50	14.73	15.50	17.24	18.50		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 40M -2	14.03	16.00	15.19	16.00	17.66	19.00		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 40M -3	14.05	16.00	15.29	16.00	17.72	19.00		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 20M -2	14.15	16.00	15.25	16.00	17.75	19.00		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 20M -3	14.12	16.00	15.38	16.00	17.81	19.00		15.50		15.50		18.50		13.50		13.50		16.50	
				Puncturing 20M -4	14.10	16.00	15.33	16.00	17.77	19.00		15.50		15.50		18.50		13.50		13.50		16.50	

5.5GHz WLAN					Full Power						Body Standalone						Head Standalone						Duty Cycle %
					Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	100	5500	Full	15.23	17.00	15.74	17.00	18.50	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		116	5580	Full	15.25	17.00	15.96	17.00	18.63	20.00		15.50		15.50		18.50		14.00		14.00		17.00	99.53
		124	5620	Full	15.20	17.00	15.55	17.00	18.39	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		132	5660	Full	15.21	17.00	15.44	17.00	18.34	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		140	5700	Full	15.26	17.00	15.39	17.00	18.34	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11n-HT20 MCS0	100	5500	Full	15.10	17.00	15.58	17.00	18.36	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		116	5580	Full	15.23	17.00	15.83	17.00	18.55	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		124	5620	Full	15.22	17.00	15.56	17.00	18.40	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		132	5660	Full	15.26	17.00	15.50	17.00	18.39	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		140	5700	Full	15.30	17.00	15.36	17.00	18.34	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11n-HT40 MCS0	102	5510	Full	15.15	17.00	15.90	17.00	18.55	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		110	5550	Full	15.33	17.00	16.02	17.00	18.70	20.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		126	5630	Full	15.58	17.00	16.11	17.00	18.86	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		134	5670	Full	15.88	17.00	16.27	17.00	19.09	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ac-VHT20 MCS0	100	5500	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		116	5580	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		124	5620	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		132	5660	Full	Not Required	17.00	Not Required	17.00	Not Required	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		140	5700	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	102	5510	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		110	5550	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		126	5630	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		134	5670	Full		17.00		17.00		20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ac-VHT80 MCS0	106	5530	Full	15.29	17.00	16.11	17.00	18.73	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		122	5610	Full	15.16	17.00	15.78	17.00	18.50	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ac-VHT160 MCS0	114	5570	Full	15.65	17.00	16.10	17.00	18.89	20.00	14.11	15.50	14.55	15.50	17.34	18.50	12.61	14.00	13.11	14.00	15.88	17.00	100.00
5.5GHz WLAN	802.11ax-HE20 MCS0			Full	15.16	17.00	15.64	17.00	18.42	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		100	5500	26/0	2.64	4.00	2.35	4.00	5.51	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/37	5.24	7.00	5.10	7.00	8.18	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.11	10.00	8.62	10.00	11.38	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		116	5580	Full	15.29	17.00	15.89	17.00	18.61	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		124	5620	Full	15.29	17.00	15.62	17.00	18.47	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		132	5660	Full	15.33	17.00	15.59	17.00	18.47	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		140	5700	Full	15.36	17.00	15.42	17.00	18.40	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				26/8	2.20	4.00	2.17	4.00	5.20	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/40	5.14	7.00	5.28	7.00	8.22	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.26	10.00	8.61	10.00	11.45	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11ax-HE40 MCS0	102	5510	Full	15.15	17.00	15.92	17.00	18.56	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		110	5550	Full	15.33	17.00	16.04	17.00	18.71	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		126	5630	Full	15.62	17.00	16.16	17.00	18.91	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		134	5670	Full	15.88	17.00	16.29	17.00	19.10	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	106	5530	Full	15.33	17.00	16.15	17.00	18.77	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		122	5610	Full	15.20	17.00	15.82	17.00	18.53	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11ax-HE160 MCS0	114	5570	Full	15.66	17.00	16.13	17.00	18.91	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
	802.11be-EHT20 MCS0			Full	15.23	17.00	15.73	17.00	18.50	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		100	5500	26/0	2.73	4.00	2.43	4.00	5.59	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/37	5.32	7.00	5.16	7.00	8.25	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.13	10.00	8.69	10.00	11.43	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
				52+26_OFDMA	5.49	7.00	5.68	7.00	8.60	10.00	Not Required	7.00	Not Required	7.00	Not Required	10.00	Not Required	7.00	Not Required	7.00	Not Required	10.00	
				106+26_OFDMA	8.55	10.00	9.04	10.00	11.81	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		116	5580	Full	15.36	17.00	15.98	17.00	18.69	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		124	5620	Full	15.38	17.00	15.58	17.00	18.49	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		132	5660	Full	15.40	17.00	15.62	17.00	18.52	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		140	5700	Full	15.43	17.00	15.51	17.00	18.48	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				26/8	2.25	4.00	2.22	4.00	5.25	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/40	5.21	7.00	5.34	7.00	8.29	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.32	10.00	8.66	10.00	11.50	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
				52+26_OFDMA	5.23	7.00	5.36	7.00	8.31	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106+26_OFDMA	8.40	10.00	8.76	10.00	11.59	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11be-EHT40 MCS0	102	5510	Full	15.24	17.00	16.03	17.00	18.66	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		110	5550	Full	15.42	17.00	16.15	17.00	18.81	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		126	5630	Full	15.68	17.00	16.25	17.00	18.98	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
		134	5670	Full	15.97	17.00	16.40	17.00	19.20	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11be-EHT80 MCS0	106	5530	Full	15.38	17.00	16.20	17.00	18.82	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				Large RU 484+242	15.23	17.00	16.22	17.00	18.76	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				Puncturing 20M	15.44	17.00	16.42	17.00	18.97	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
		122	5610	Full	15.25	17.00	15.87	17.00	18.58	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				Large RU 484+242	15.32	17.00	16.19	17.00	18.79	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				Puncturing 20M	15.39	17.00	16.39	17.00	18.93	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
	802.11be-EHT160 MCS0	114	5570	Full	15.74	17.00	16.23	17.00	19.00	20.00		15.50		15.50		18.50		14.00		14.00		17.00	
				Large RU 996+484	15.00	17.00	15.75	17.00	18.40	20.00		15.50		15.50		18.50		14.00		14.00		17.00	100.00
				Puncturing 40M	14.56	16.50	15.23	16.50	17.92	19.50		15.50		15.50		18.50		14.00		14.00		17.00	
				Puncturing 20M	14.11	16.00	14.77	16.00	17.46	19.00		15.50		15.50		18.50		14.00		14.00		17.00	

5.8GHz WLAN					Full Power						Body Standalone						Head Standalone						Duty Cycle %
					Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	149	5745	Full	18.47	20.00	18.71	20.00	21.60	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		157	5785	Full	18.35	20.00	18.54	20.00	21.46	23.00		16.00		16.00		19.00		18.00		18.00		21.00	99.53
		165	5825	Full	18.42	20.00	18.57	20.00	21.51	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11n-HT20 MCS0	149	5745	Full	18.38	20.00	18.70	20.00	21.56	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		157	5785	Full	18.37	20.00	18.48	20.00	21.44	23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
		165	5825	Full	18.33	20.00	18.47	20.00	21.41	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11n-HT40 MCS0	151	5755	Full	18.55	20.00	18.80	20.00	21.69	23.00	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	18.00	Not Required	18.00	Not Required	21.00	100.00
		159	5795	Full	18.34	20.00	18.76	20.00	21.56	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	149	5745	Full		20.00		20.00		23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		157	5785	Full		20.00		20.00		23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
		165	5825	Full	Not Required	20.00	Not Required	20.00	Not Required	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	151	5755	Full		20.00		20.00		23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
		159	5795	Full		20.00		20.00		23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	155	5775	Full	18.12	20.00	18.33	20.00	21.24	23.00	14.10	16.00	14.31	16.00	17.22	19.00	16.09	18.00	16.42	18.00	19.27	21.00	99.45
5.8GHz WLAN	802.11ax-HE20 MCS0			Full	18.41	20.00	18.73	20.00	21.59	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		149	5745	26/0	2.86	4.00	2.31	4.00	5.60	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/37	6.12	7.00	5.34	7.00	8.76	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.89	10.00	8.22	10.00	11.58	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		157	5785	Full	18.40	20.00	18.51	20.00	21.47	23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
		165	5825	Full	18.36	20.00	18.50	20.00	21.44	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
				26/8	2.00	4.00	2.15	4.00	5.09	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/40	5.33	7.00	5.35	7.00	8.35	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.08	10.00	8.41	10.00	11.26	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11ax-HE40 MCS0	151	5755	Full	18.58	20.00	18.85	20.00	21.73	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		159	5795	Full	18.37	20.00	18.81	20.00	21.61	23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
	802.11ax-HE80 MCS0	155	5775	Full	18.15	20.00	18.36	20.00	21.27	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
	802.11be-EHT20 MCS0			Full	18.49	20.00	18.83	20.00	21.67	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		149	5745	26/0	2.93	4.00	2.35	4.00	5.66	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/37	6.16	7.00	5.39	7.00	8.80	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/53	8.93	10.00	8.31	10.00	11.64	13.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	
				52+26_OFDMA	5.90	7.00	5.05	7.00	8.51	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106+26_OFDMA	8.93	10.00	8.35	10.00	11.66	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
		157	5785	Full	18.48	20.00	18.61	20.00	21.56	23.00		16.00		16.00		19.00		18.00		18.00		21.00	99.63
		165	5825	Full	18.44	20.00	18.60	20.00	21.53	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
				26/8	2.02	4.00	2.22	4.00	5.13	7.00		4.00		4.00		7.00		4.00		4.00		7.00	
				52/40	5.35	7.00	5.40	7.00	8.39	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106/54	8.13	10.00	8.46	10.00	11.31	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
				52+26_OFDMA	5.15	7.00	5.09	7.00	8.13	10.00		7.00		7.00		10.00		7.00		7.00		10.00	
				106+26_OFDMA	8.40	10.00	8.70	10.00	11.56	13.00		10.00		10.00		13.00		10.00		10.00		13.00	
	802.11be-EHT40 MCS0	151	5755	Full	18.64	20.00	18.93	20.00	21.80	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
		159	5795	Full	18.43	20.00	18.89	20.00	21.67	23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
	802.11be-EHT80 MCS0	155	5775	Full	18.21	20.00	18.42	20.00	21.33	23.00		16.00		16.00		19.00		18.00		18.00		21.00	
				Large RU 484+242	18.18	20.00	18.31	20.00	21.26	23.00		16.00		16.00		19.00		18.00		18.00		21.00	100.00
				Puncturing 20M	18.40	20.00	18.65	20.00	21.54	23.00		16.00		16.00		19.00		18.00		18.00		21.00	

Indoor client

WiFi 6E					Full Power					
					Ant 9		Ant 8		Ant 9+8		
Mode	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	Full	-2.26	-1.00	-2.51	-1.00	0.63	2.00	
		45	6175	Full	-2.10	-1.00	-2.71	-1.00	0.62	2.00	99.05
		93	6415	Full	-1.99	-1.00	-2.39	-1.00	0.83	2.00	
	802.11ax-HE20 MCS0	1	5955	Full	-2.53	-1.00	-2.87	-1.00	0.31	2.00	
				26/0	-7.18	-6.00	-7.78	-6.00	-4.46	-3.00	
				52/37	-4.47	-3.00	-4.76	-3.00	-1.61	0.00	99.82
				106/53	-1.24	0.00	-1.52	0.00	1.63	3.00	
		45	6175	Full	-2.37	-1.00	-2.85	-1.00	0.40	2.00	
		93	6415	Full	-2.50	-1.00	-2.79	-1.00	0.36	2.00	
	802.11ax-HE40 MCS0	3	5965	Full	-0.58	1.00	-0.91	1.00	2.26	4.00	
		43	6165	Full	-0.53	1.00	-0.97	1.00	2.26	4.00	99.63
		91	6405	Full	-0.84	1.00	-0.94	1.00	2.12	4.00	
	802.11ax-HE80 MCS0	7	5985	Full	5.86	7.00	5.57	7.00	8.72	10.00	
		39	6145	Full	6.31	7.00	5.35	7.00	8.86	10.00	99.82
		87	6385	Full	5.96	7.00	5.79	7.00	8.88	10.00	
	802.11ax-HE160 MCS0	15	6025	Full	8.31	9.50	8.53	9.50	11.43	12.50	
		47	6185	Full	8.56	9.50	8.61	9.50	11.59	12.50	99.82
		79	6345	Full	7.67	9.50	8.37	9.50	11.04	12.50	
	802.11be-EHT20 MCS0	1	5955	Full	-2.39	-1.00	-2.71	-1.00	0.46	2.00	
				26/0	-7.12	-6.00	-7.71	-6.00	-4.50	-3.00	
				52/37	-4.41	-3.00	-4.69	-3.00	-1.54	0.00	
				106/53	-1.18	0.00	-1.45	0.00	1.69	3.00	99.63
				52+26_OFDMA	-4.09	-3.00	-4.59	-3.00	-1.32	0.00	
				106+26_OFDMA	-1.12	0.00	-1.53	0.00	1.56	3.00	
		45	6175	Full	-2.25	-1.00	-2.74	-1.00	0.52	2.00	
		93	6415	Full	-2.38	-1.00	-2.66	-1.00	0.49	2.00	
	802.11be-EHT40 MCS0	3	5965	Full	-0.46	1.00	-0.79	1.00	2.38	4.00	
		43	6165	Full	-0.44	1.00	-0.92	1.00	2.33	4.00	99.63
		91	6405	Full	-0.72	1.00	-0.82	1.00	2.24	4.00	
	802.11be-EHT80 MCS0	7	5985	Full	6.00	7.00	5.69	7.00	8.85	10.00	
				Large RU 484+242	0.42	1.00	0.54	1.00	3.49	4.00	
				Puncturing 20M	0.45	1.00	0.33	1.00	3.40	4.00	99.63
		39	6145	Full	6.41	7.00	5.48	7.00	8.98	10.00	
		87	6385	Full	6.04	7.00	5.90	7.00	8.98	10.00	
	802.11be-EHT160 MCS0	15	6025	Full	8.44	9.50	8.68	9.50	11.57	12.50	
				Large RU 996+484	5.99	7.00	5.64	7.00	8.80	10.00	
				Puncturing 40M	5.96	7.00	5.75	7.00	8.87	10.00	99.63
				Puncturing 20M	6.06	7.00	5.78	7.00	8.93	10.00	
		47	6185	Full	8.70	9.50	8.75	9.50	11.73	12.50	
		79	6345	Full	7.71	9.50	8.51	9.50	11.16	12.50	
	802.11be-EHT320 MCS0	31	6105	Full	8.40	9.00	8.72	9.00	11.57	12.00	
				Large RU 996*2+484	8.19	9.00	8.42	9.00	11.32	12.00	
				Large RU 996*3	8.01	9.00	8.27	9.00	11.15	12.00	
				Large RU 996*3+484	8.07	9.00	8.32	9.00	11.21	12.00	
				Puncturing 80M+40M	8.12	9.00	8.26	9.00	11.20	12.00	
				Puncturing 80M	7.96	9.00	8.22	9.00	11.10	12.00	99.63
				Puncturing 40M	7.94	9.00	8.33	9.00	11.15	12.00	
		63	6265	Full	8.04	9.00	8.80	9.00	11.44	12.00	
		95	6425	Full	7.98	9.00	8.59	9.00	11.30	12.00	
WiFi 6E	802.11a 6Mbps	97	6435	Full	-1.00	0.00	-1.34	0.00	1.85	3.00	
		105	6475	Full	-1.04	0.00	-0.98	0.00	2.00	3.00	99.05
		113	6515	Full	-1.16	0.00	-1.01	0.00	1.93	3.00	
	802.11ax-HE20 MCS0	97	6435	Full	-1.39	0.00	-1.83	0.00	1.40	3.00	
				26/0	-4.00	-3.00	-4.71	-3.00	-1.33	0.00	
				52/37	-2.96	-2.00	-3.37	-2.00	-0.15	1.00	99.82
				106/53	-0.98	0.00	-1.24	0.00	1.90	3.00	
		105	6475	Full	-1.66	0.00	-1.40	0.00	1.48	3.00	
		113	6515	Full	-1.63	0.00	-1.37	0.00	1.51	3.00	
	802.11ax-HE40 MCS0	99	6445	Full	2.72	4.50	2.72	4.50	5.73	7.50	
		107	6485	Full	2.87	4.50	2.90	4.50	5.89	7.50	99.63
		115	6525	Full	2.68	4.50	3.02	4.50	5.86	7.50	
	802.11ax-HE80 MCS0	103	6465	Full	6.17	7.00	6.24	7.00	9.21	10.00	
		119	6545	Full	7.52	9.50	8.01	9.50	10.78	12.50	99.82
UNII 6 (6.425-6.525GHz)	802.11ax-HE160 MCS0	111	6505	Full	8.01	9.50	8.55	9.50	11.30	12.50	99.82
	802.11be-EHT20 MCS0	97	6435	Full	-1.28	0.00	-1.68	0.00	1.53	3.00	
				26/0	-3.94	-3.00	-4.64	-3.00	-1.27	0.00	
				52/37	-2.90	-2.00	-3.30	-2.00	-0.09	1.00	
				106/53	-0.92	0.00	-1.17	0.00	1.96	3.00	99.63
				52+26_OFDMA	-3.09	-2.00	-3.49	-2.00	-0.28	1.00	
				106+26_OFDMA	-1.00	0.00	-1.29	0.00	1.87	3.00	
		105	6475	Full	-1.51	0.00	-1.26	0.00	1.62	3.00	
		113	6515	Full	-1.53	0.00	-1.25	0.00	1.62	3.00	
	802.11be-EHT40 MCS0	99	6445	Full	2.88	4.50	2.88	4.50	5.89	7.50	
		107	6485	Full	3.00	4.50	3.06	4.50	6.04	7.50	99.63
		115	6525	Full	2.82	4.50	3.14	4.50	5.99	7.50	
	802.11be-EHT80 MCS0	103	6465	Full	6.31	7.00	6.31	7.00	9.32	10.00	99.63
		119	6545	Full	7.61	9.50	7.61	9.50	10.62	12.50	
	802.11be-EHT160 MCS0	111	6505	Full	8.13	9.50	8.72	9.50	11.44	12.50	99.63
	802.11be-EHT320 MCS0	127	6585	Full	7.85	9.00	8.52	9.00	11.20	12.00	99.63
UNII 7 (6.525-6.885GHz)	802.11a 6Mbps	117	6535	Full	0.20	1.50	0.53	1.50	3.38	4.50	
		149	6695	Full	-0.47	1.50	0.34	1.50	2.96	4.50	99.05
		181	6855	Full	-0.46	1.50	-0.18	1.50	2.69	4.50	
	802.11ax-HE20 MCS0	185	6875	Full	3.09	5.00	4.37	5.00	6.79	8.00	
		117	6535	Full	-0.33	1.50	0.11	1.50	2.90	4.50	
				26/0	-6.25	-5.00	-6.28	-5.00	-3.26	-2.00	
				52/37	-3.26	-2.00	-3.17	-2.00	-0.21	1.00	
				106/53	1.48	3.30	1.65	3.30	4.57	6.30	99.82
		149	6695	Full	-0.45	1.50	0.41	1.50	3.01	4.50	
		181	6855	Full	-0.43	1.50	-0.09	1.50	2.75	4.50	
		185	6875	Full	3.02	5.00	3.93	5.00	6.51	8.00	
	802.11ax-HE40 MCS0	123	6565	Full	2.52	4.50	3.13	4.50	5.84	7.50	
		147	6685	Full	2.69	4.50	3.97	4.50	6.38	7.50	99.63
		179	6845	Full	2.75	4.50	3.35	4.50	6.07	7.50	
		187	6885	Full	7.70	9.50	8.24	9.50	10.98	12.50	
	802.11ax-HE80 MCS0	135	6625	Full	7.54	9.50	7.58	9.50	10.57	12.50	
		151	6705	Full	7.53	9.50	7.92	9.50	10.74	12.50	99.82
		167	6785	Full	7.51	9.50	7.90	9.50	10.72	12.50	
	802.11ax-HE160 MCS0	183	6865	Full	7.56	9.50	7.86	9.50	10.72	12.50	
		143	6665	Full	7.52	9.50	8.41	9.50	11.00	12.50	99.82
		175	6825	Full	7.71	9.50	8.14	9.50	10.84	12.50	
	802.11be-EHT20 MCS0	117	6535	Full	-0.22	1.50	0.24	1.50	3.02	4.50	
				26/0	-6.19	-5.00	-6.21	-5.00	-3.19	-2.00	
				52/37	-3.20	-2.00	-3.10	-2.00	-0.14	1.00	
				106/53	1.54	3.30	1.72	3.30	4.64	6.30	
				52+26_OFDMA	-3.15	-2.00	-3.14	-2.00	-0.13	1.00	99.63
				106+26_OFDMA	1.52	3.30	1.87	3.30	4.71	6.30	
		149	6695	Full	-0.41	1.50	0.54	1.50	3.10	4.50	
		181	6855	Full	-0.38	1.50	0.08	1.50	2.86	4.50	
		185	6875	Full	3.10	5.00	4.00	5.00	6.58	8.00	
	802.11ax-HE40 MCS0	123	6565	Full	2.57	4.50	3.29	4.50	5.94	7.50	
		147	6685	Full	2.80	4.50	4.11	4.50	6.51	7.50	99.63
		179	6845	Full	2.89	4.50	3.49	4.50	6.21	7.50	
		187	6885	Full	7.81	9.50	8.41	9.50	11.13	12.50	
	802.11ax-HE80 MCS0	135	6625	Full	7.65	9.50	7.70	9.50	10.68	12.50	
		151	6705	Full	7.63	9.50	8.01	9.50	10.83	12.50	99.63
		167	6785	Full	7.58	9.50	8.00	9.50	10.82	12.50	
	802.11ax-HE160 MCS0	183	6865	Full	7.61	9.50	7.94	9.50	10.78	12.50	
		143	6665	Full	7.65	9.50	8.54	9.50	11.12	12.50	99.63
		175	6825	Full	7.87	9.50	8.28	9.50	11.09	12.50	
	802.11be-EHT320 MCS0	159	6745	Full	8.04	9.00	8.34	9.00	11.20	12.00	99.63
UNII 8 (6.885-7.125GHz)	802.11a 6Mbps	189	6895	Full	3.56	5.00	3.16	5.00	6.38	8.00	
		209	6995	Full	3.28	5.00	3.48	5.00	6.39	8.00	99.05
		229	7095	Full	3.03	5.00	3.04	5.00	6.05	8.00	
	802.11ax-HE20 MCS0	189	6895	Full	3.42	5.00	3.09	5.00	6.27	8.00	
		209	6995	Full	3.05	5.00	3.05	5.00	6.06	8.00	
		229	7095	Full	3.19	5.00	3.04	5.00	6.12	8.00	99.82
				26/8	-4.92	-3.00	-4.88	-3.00	-1.89	0.00	
				52/40	-1.86	0.00	-1.83	0.00	1.16	3.00	
				106/54	1.61	3.30	1.42	3.30	4.52	6.30	
	802.11ax-HE40 MCS0	195	6925	Full	8.04	9.50	8.59	9.50	11.33	12.50	
		203	6965	Full	7.86	9.50	8.44	9.50	11.17	12.50	99.63
		227	7085	Full	7.60	9.50	7.71	9.50	10.66	12.50	
	802.11ax-HE80 MCS0	199	6945	Full	7.58	9.50	8.27	9.50	10.95	12.50	99.82
		215	7025	Full	7.53	9.50	8.13	9.50	10.85	12.50	
	802.11ax-HE160 MCS0	207	6985	Full	7.78	9.50	8.28	9.50	11.06	12.50	99.82
		189	6895	Full	3.54	5.00	3.17	5.00	6.37	8.00	
		209	6995	Full	3.12	5.00	3.13	5.00	6.13	8.00	
	802.11be-EHT20 MCS0	229	7095	Full	3.26	5.00	3.10	5.00	6.19	8.00	
				26/8	-4.86	-3.00	-4.81	-3.00	-1.83	0.00	99.63
				52/40	-1.80	0.00	-1.76	0.00	1.23	3.00	
				106/54	1.67	3.30	1.49	3.30	4.59	6.30	
				52+26_OFDMA	-1.73	0.00	-1.68	0.00	1.31	3.00	
				106+26_OFDMA	1.60	3.30	1.45	3.30	4.54	6.30	
	802.11be-EHT40 MCS0	195	6925	Full	8.18	9.50	8.76	9.50	11.49	12.50	
		203	6965	Full	7.99	9.50	8.65	9.50	11.32	12.50	99.63
		227	7085	Full	7.73	9.50	7.86	9.50	10.80	12.50	
	802.11be-EHT80 MCS0	199	6945	Full	7.71	9.50	8.42	9.50	11.09	12.50	
		215	7025	Full	7.64	9.50	8.25	9.50	10.88	12.50	99.63
				Large RU 484+242	7.40	9.00	8.30	9.00	10.88	12.00	
				Puncturing 20M	7.12	9.00	7.93	9.00	10.55	12.00	
	802.11be-EHT160 MCS0	207	6985	Full	7.93	9.50	8.43	9.50	11.12	12.50	
				Large RU 996+484	7.40	9.00	8.16	9.00	10.81	12.00	99.63
				Puncturing 40M	7.32	9.00	8.18	9.00	10.78	12.00	
				Puncturing 20M	7.13	9.00	7.99	9.00	10.59	12.00	
	802.11be-EHT320 MCS0	191	6905	Full	7.75	9.00	8.70	9.00	11.26	12.00	
				Large RU 996*2+484	7.12	9.00	8.29	9.00	10.75	12.00	
				Large RU 996*3	7.10	9.00	8.09	9.00	10.63	12.00	
				Large RU 996*3+484	7.19	9.00	8.23	9.00	10.75	12.00	99.63
				Puncturing 80M+40M	7.24	9.00	8.08	9.00	10.69	12.00	
				Puncturing 80M	7.09	9.00	8.14	9.00	10.66	12.00	
				Puncturing 40M	7.21	9.00	8.33	9.00	10.82	12.00	

Very Low Power

WiFi 6E					Full Power					
					Ant 9		Ant 8		Ant 9+8		
Mode	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	Full	-5.96	-5.00	-6.64	-5.00	-3.27	-2.00	
		45	6175	Full	-5.74	-5.00	-6.77	-5.00	-3.21	-2.00	99.05
		93	6415	Full	-5.95	-5.00	-6.56	-5.00	-3.23	-2.00	
	802.11ax-HE20 MCS0	1	5955	Full	-6.14	-5.00	-6.87	-5.00	-3.48	-2.00	
				26/0	-7.31	-6.00	-7.79	-6.00	-4.54	-3.00	
				52/37	-6.90	-6.00	-7.38	-6.00	-4.13	-3.00	99.82
				106/53	-6.66	-6.00	-7.20	-6.00	-3.91	-3.00	
		45	6175	Full	-5.96	-5.00	-6.95	-5.00	-3.42	-2.00	
		93	6415	Full	-6.25	-5.00	-6.80	-5.00	-3.51	-2.00	
	802.11ax-HE40 MCS0	3	5965	Full	-4.30	-3.00	-4.74	-3.00	-1.51	0.00	
		43	6165	Full	-4.54	-3.00	-4.98	-3.00	-1.75	0.00	99.63
		91	6405	Full	-4.70	-3.00	-4.96	-3.00	-1.82	0.00	
	802.11ax-HE80 MCS0	7	5985	Full	1.43	3.00	1.08	3.00	4.27	6.00	
		39	6145	Full	1.71	3.00	1.04	3.00	4.40	6.00	99.82
		87	6385	Full	1.39	3.00	1.40	3.00	4.40	6.00	
	802.11ax-HE160 MCS0	15	6025	Full	3.82	5.50	3.84	5.50	6.84	8.50	
		47	6185	Full	4.08	5.50	3.91	5.50	7.00	8.50	99.82
		79	6345	Full	3.64	5.50	3.67	5.50	6.66	8.50	
	802.11be-EHT20 MCS0	1	5955	Full	-6.07	-5.00	-6.79	-5.00	-3.41	-2.00	
				26/0	-7.23	-6.00	-7.70	-6.00	-4.43	-3.00	
				52/37	-6.82	-6.00	-7.29	-6.00	-4.04	-3.00	
				106/53	-6.58	-6.00	-7.11	-6.00	-3.83	-3.00	99.63
				52+26_OFDMA	-6.67	-6.00	-7.46	-6.00	-4.04	-3.00	
				106+26_OFDMA	-6.60	-6.00	-7.17	-6.00	-3.88	-3.00	
		45	6175	Full	-5.89	-5.00	-6.94	-5.00	-3.38	-2.00	
		93	6415	Full	-6.18	-5.00	-6.72	-5.00	-3.44	-2.00	
	802.11be-EHT40 MCS0	3	5965	Full	-4.22	-3.00	-4.66	-3.00	-1.43	0.00	
		43	6165	Full	-4.46	-3.00	-4.96	-3.00	-1.70	0.00	99.63
		91	6405	Full	-4.62	-3.00	-4.94	-3.00	-1.77	0.00	
	802.11be-EHT80 MCS0	7	5985	Full	1.49	3.00	1.13	3.00	4.32	6.00	
				Large RU 484+242	-3.63	-3.00	-3.74	-3.00	-0.67	0.00	
				Puncturing 20M	-3.51	-3.00	-3.55	-3.00	-0.52	0.00	99.63
		39	6145	Full	1.77	3.00	1.09	3.00	4.45	6.00	
		87	6385	Full	1.45	3.00	1.45	3.00	4.46	6.00	
	802.11be-EHT160 MCS0	15	6025	Full	3.89	5.50	3.91	5.50	6.91	8.50	
				Large RU 996+484	1.59	3.00	1.37	3.00	4.49	6.00	
				Puncturing 40M	1.84	3.00	1.80	3.00	4.83	6.00	99.63
				Puncturing 20M	1.92	3.00	1.81	3.00	4.88	6.00	
		47	6185	Full	4.15	5.50	3.98	5.50	7.07	8.50	
		79	6345	Full	3.71	5.50	3.74	5.50	6.73	8.50	
	802.11be-EHT320 MCS0	31	6105	Full	7.92	8.50	8.24	8.50	11.09	11.50	
				Large RU 996*2+484	4.27	5.50	4.39	5.50	7.34	8.50	
				Large RU 996*3	7.25	8.50	7.72	8.50	10.50	11.50	
				Large RU 996*3+484	7.50	8.50	7.85	8.50	10.69	11.50	
				Puncturing 80M+40M	4.57	5.50	4.66	5.50	7.63	8.50	
				Puncturing 80M	7.38	8.50	7.91	8.50	10.66	11.50	99.63
				Puncturing 40M	7.40	8.50	8.02	8.50	10.73	11.50	
		63	6265	Full	7.53	8.50	8.27	8.50	10.92	11.50	
		95	6425	Full	7.46	8.50	8.06	8.50	10.78	11.50	
WiFi 6E	802.11a 6Mbps	97	6435	Full	-5.79	-5.00	-6.46	-5.00	-3.10	-2.00	
		105	6475	Full	-5.70	-5.00	-6.26	-5.00	-2.96	-2.00	99.05
		113	6515	Full	-5.94	-5.00	-6.17	-5.00	-3.04	-2.00	
	802.11ax-HE20 MCS0	97	6435	Full	-6.08	-5.00	-6.79	-5.00	-3.41	-2.00	
				26/0	-6.72	-6.00	-7.51	-6.00	-4.09	-3.00	
				52/37	-6.37	-6.00	-7.15	-6.00	-3.74	-3.00	99.82
				106/53	-6.45	-6.00	-7.00	-6.00	-3.71	-3.00	
		105	6475	Full	-6.55	-5.00	-6.92	-5.00	-3.72	-2.00	
		113	6515	Full	-6.68	-5.00	-6.97	-5.00	-3.82	-2.00	
	802.11ax-HE40 MCS0	99	6445	Full	-4.30	-3.00	-4.51	-3.00	-1.40	0.00	
		107	6485	Full	-4.21	-3.00	-4.27	-3.00	-1.23	0.00	99.63
		115	6525	Full	-4.40	-3.00	-4.27	-3.00	-1.33	0.00	
	802.11ax-HE80 MCS0	103	6465	Full	1.93	3.00	1.88	3.00	4.91	6.00	
		119	6545	Full	1.42	3.00	2.11	3.00	4.79	6.00	99.82
UNII 6 (6.425-6.525GHz)	802.11ax-HE160 MCS0	111	6505	Full	3.61	5.50	3.88	5.50	6.76	8.50	99.82
	802.11be-EHT20 MCS0	97	6435	Full	-6.01	-5.00	-6.71	-5.00	-3.34	-2.00	
				26/0	-6.64	-6.00	-7.42	-6.00	-4.01	-3.00	
				52/37	-6.29	-6.00	-7.06	-6.00	-3.65	-3.00	
				106/53	-6.37	-6.00	-6.91	-6.00	-3.63	-3.00	99.63
				52+26_OFDMA	-6.50	-6.00	-7.29	-6.00	-3.87	-3.00	
				106+26_OFDMA	-6.43	-6.00	-7.09	-6.00	-3.74	-3.00	
		105	6475	Full	-6.48	-6.00	-6.84	-5.00	-3.65	-2.00	
		113	6515	Full	-6.61	-5.00	-6.93	-5.00	-3.76	-2.00	
	802.11be-EHT40 MCS0	99	6445	Full	-4.22	-3.00	-4.43	-3.00	-1.32	0.00	
		107	6485	Full	-4.13	-3.00	-4.19	-3.00	-1.15	0.00	99.63
		115	6525	Full	-4.32	-3.00	-4.19	-3.00	-1.25	0.00	
	802.11be-EHT80 MCS0	103	6465	Full	1.99	3.00	1.93	3.00	4.97	6.00	99.63
		119	6545	Full	1.48	3.00	2.16	3.00	4.84	6.00	
	802.11be-EHT160 MCS0	111	6505	Full	3.68	5.50	3.95	5.50	6.82	8.50	99.63
	802.11be-EHT320 MCS0	127	6585	Full	7.32	8.50	8.03	8.50	10.70	11.50	99.63
UNII 7 (6.525-6.885GHz)	802.11a 6Mbps	117	6535	Full	-6.03	-5.00	-6.19	-5.00	-3.10	-2.00	
		149	6695	Full	-6.88	-5.00	-6.33	-5.00	-3.58	-2.00	99.05
		181	6855	Full	-6.92	-5.00	-6.72	-5.00	-3.81	-2.00	
	802.11ax-HE20 MCS0	185	6875	Full	-6.81	-5.00	-6.09	-5.00	-3.42	-2.00	
		117	6535	Full	-6.82	-5.00	-6.98	-5.00	-3.89	-2.00	
				26/0	-6.93	-6.00	-7.19	-6.00	-4.05	-3.00	
				52/37	-6.86	-6.00	-7.04	-6.00	-3.94	-3.00	
				106/53	-6.84	-6.00	-7.02	-6.00	-3.92	-3.00	99.82
		149	6695	Full	-6.66	-5.00	-6.24	-5.00	-3.44	-2.00	
		181	6855	Full	-6.98	-5.00	-6.48	-5.00	-3.72	-2.00	
		185	6875	Full	-6.99	-5.00	-6.35	-5.00	-3.65	-2.00	
	802.11ax-HE40 MCS0	123	6565	Full	-4.88	-3.00	-4.34	-3.00	-1.60	0.00	
		147	6685	Full	-4.97	-3.00	-4.50	-3.00	-1.72	0.00	99.63
		179	6845	Full	-4.97	-3.00	-4.87	-3.00	-1.91	0.00	
		187	6885	Full	-4.76	-3.00	-4.61	-3.00	-1.14	0.00	
	802.11ax-HE80 MCS0	135	6625	Full	1.04	3.00	2.07	3.00	4.59	6.00	
		151	6705	Full	1.10	3.00	2.73	3.00	5.00	6.00	99.82
		167	6785	Full	1.09	3.00	1.74	3.00	4.43	6.00	
	802.11ax-HE160 MCS0	183	6865	Full	1.07	3.00	1.61	3.00	4.36	6.00	
		143	6665	Full	3.53	5.50	3.70	5.50	6.62	8.50	99.82
		175	6825	Full	3.55	5.50	3.54	5.50	6.55	8.50	
	802.11be-EHT20 MCS0	117	6535	Full	-6.75	-5.00	-6.90	-5.00	-3.82	-2.00	
				26/0	-6.85	-6.00	-7.10	-6.00	-3.97	-3.00	
				52/37	-6.78	-6.00	-6.95	-6.00	-3.86	-3.00	
				106/53	-6.76	-6.00	-6.93	-6.00	-3.84	-3.00	
				52+26_OFDMA	-6.64	-6.00	-6.96	-6.00	-3.79	-3.00	99.63
				106+26_OFDMA	-6.60	-6.00	-6.72	-6.00	-3.65	-3.00	
		149	6695	Full	-6.59	-5.00	-6.16	-5.00	-3.36	-2.00	
		181	6855	Full	-6.91	-5.00	-6.40	-

Standard client

	WiFi 6E					Full Power						Duty Cycle %
						Ant 9		Ant 8		Ant 9+8		
	Mode	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	Full	-2.26	**-1.00**	-2.51	**-1.00**	0.63	**2.00**	99.05
			45	6175	Full	-2.10	**-1.00**	-2.71	**-1.00**	0.62	**2.00**	
			93	6415	Full	-1.99	**-1.00**	-2.39	**-1.00**	0.83	**2.00**	
		802.11ax-HE20 MCS0	1	5955	Full	-2.53	**-1.00**	-2.87	**-1.00**	0.31	**2.00**	99.82
					26/0	-7.18	**-6.00**	-7.78	**-6.00**	-4.46	**-3.00**	
					52/37	-4.47	**-3.00**	-4.76	**-3.00**	-1.61	**0.00**	
					106/53	-1.24	**0.00**	-1.52	**0.00**	1.63	**3.00**	
			45	6175	Full	-2.37	**-1.00**	-2.85	**-1.00**	0.40	**2.00**	
			93	6415	Full	-2.50	**-1.00**	-2.79	**-1.00**	0.36	**2.00**	
		802.11ax-HE40 MCS0	3	5965	Full	-0.58	**1.00**	-0.91	**1.00**	2.26	**4.00**	99.63
			43	6165	Full	-0.53	**1.00**	-0.97	**1.00**	2.26	**4.00**	
			91	6405	Full	-0.84	**1.00**	-0.94	**1.00**	2.12	**4.00**	
		802.11ax-HE80 MCS0	7	5985	Full	5.86	**7.00**	5.57	**7.00**	8.72	**10.00**	99.82
			39	6145	Full	6.31	**7.00**	5.35	**7.00**	8.86	**10.00**	
			87	6385	Full	5.96	**7.00**	5.79	**7.00**	8.88	**10.00**	
		802.11ax-HE160 MCS0	15	6025	Full	8.31	**9.50**	8.53	**9.50**	11.43	**12.50**	99.82
			47	6185	Full	8.56	**9.50**	8.61	**9.50**	11.59	**12.50**	
			79	6345	Full	7.67	**9.50**	8.37	**9.50**	11.04	**12.50**	
		802.11be-EHT20 MCS0	1	5955	Full	-2.39	**-1.00**	-2.71	**-1.00**	0.46	**2.00**	99.63
					26/0	-7.12	**-6.00**	-7.71	**-6.00**	-4.40	**-3.00**	
					52/37	-4.41	**-3.00**	-4.69	**-3.00**	-1.54	**0.00**	
					106/53	-1.18	**0.00**	-1.45	**0.00**	1.69	**3.00**	
					52+26_OFDMA	-4.09	**-3.00**	-4.59	**-3.00**	-1.32	**0.00**	
					106+26_OFDMA	-1.12	**0.00**	-1.53	**0.00**	1.69	**3.00**	
			45	6175	Full	-2.25	**-1.00**	-2.74	**-1.00**	0.52	**2.00**	
			93	6415	Full	-2.38	**-1.00**	-2.66	**-1.00**	0.49	**2.00**	
		802.11be-EHT40 MCS0	3	5965	Full	-0.46	**1.00**	-0.79	**1.00**	2.38	**4.00**	99.63
			43	6165	Full	-0.44	**1.00**	-0.92	**1.00**	2.33	**4.00**	
			91	6405	Full	-0.72	**1.00**	-0.82	**1.00**	2.24	**4.00**	
		802.11be-EHT80 MCS0	7	5985	Full	6.00	**7.00**	5.69	**7.00**	8.85	**10.00**	99.63
					Large RU 484+242	0.42	**1.00**	0.54	**1.00**	3.49	**4.00**	
					Puncturing 20M	0.45	**1.00**	0.33	**1.00**	3.40	**4.00**	
			39	6145	Full	6.41	**7.00**	5.48	**7.00**	8.98	**10.00**	
			87	6385	Full	6.04	**7.00**	5.90	**7.00**	8.98	**10.00**	
		802.11be-EHT160 MCS0	15	6025	Full	8.44	**9.50**	8.68	**9.50**	11.57	**12.50**	99.63
					Large RU 996+484	5.94	**7.00**	5.64	**7.00**	8.80	**10.00**	
					Puncturing 40M	5.96	**7.00**	5.75	**7.00**	8.87	**10.00**	
					Puncturing 20M	6.06	**7.00**	5.78	**7.00**	8.93	**10.00**	
			47	6185	Full	8.70	**9.50**	8.75	**9.50**	11.73	**12.50**	
			79	6345	Full	7.76	**9.50**	8.51	**9.50**	11.16	**12.50**	
		802.11be-EHT320 MCS0	31	6105	Full	8.40	**9.00**	8.72	**9.00**	11.57	**12.00**	99.63
					Large RU 996*2+484	8.19	**9.00**	8.42	**9.00**	11.32	**12.00**	
					Large RU 996*3	8.01	**9.00**	8.27	**9.00**	11.15	**12.00**	
					Large RU 996*3+484	8.07	**9.00**	8.32	**9.00**	11.21	**12.00**	
					Puncturing 80M+40M	8.12	**9.00**	8.26	**9.00**	11.20	**12.00**	
					Puncturing 80M	7.96	**9.00**	8.22	**9.00**	11.10	**12.00**	
					Puncturing 40M	7.94	**9.00**	8.33	**9.00**	11.15	**12.00**	
			63	6265	Full	8.04	**9.00**	8.80	**9.00**	11.44	**12.00**	
	UNII 7 (6.525-6.885GHz)	802.11a 6Mbps	117	6535	Full	0.20	**1.50**	0.53	**1.50**	3.38	**4.50**	99.05
			149	6695	Full	-0.47	**1.50**	0.34	**1.50**	2.96	**4.50**	
			181	6855	Full	-0.46	**1.50**	-0.18	**1.50**	2.69	**4.50**	
			185	6875	Full	3.09	**5.00**	4.37	**5.00**	6.79	**8.00**	
		802.11ax-HE20 MCS0	117	6535	Full	-0.33	**1.50**	0.11	**1.50**	2.90	**4.50**	99.82
					26/0	-6.25	**-5.00**	-6.28	**-5.00**	-3.26	**-2.00**	
					52/37	-3.26	**-2.00**	-3.17	**-2.00**	-0.21	**1.00**	
					106/53	1.48	**3.30**	1.65	**3.30**	4.57	**6.30**	
			149	6695	Full	-0.45	**1.50**	0.41	**1.50**	3.01	**4.50**	
			181	6855	Full	-0.43	**1.50**	-0.09	**1.50**	2.75	**4.50**	
			185	6875	Full	3.02	**5.00**	3.93	**5.00**	6.51	**8.00**	
		802.11ax-HE40 MCS0	123	6565	Full	2.52	**4.50**	3.13	**4.50**	5.84	**7.50**	99.63
			147	6685	Full	2.69	**4.50**	3.97	**4.50**	6.38	**7.50**	
			179	6845	Full	2.75	**4.50**	3.35	**4.50**	6.07	**7.50**	
			187	6885	Full	7.70	**9.50**	8.24	**9.50**	10.98	**12.50**	
		802.11ax-HE80 MCS0	135	6625	Full	7.54	**9.50**	7.58	**9.50**	10.57	**12.50**	99.82
			151	6705	Full	7.53	**9.50**	7.92	**9.50**	10.74	**12.50**	
			167	6785	Full	7.51	**9.50**	7.90	**9.50**	10.72	**12.50**	
			183	6865	Full	7.56	**9.50**	7.86	**9.50**	10.72	**12.50**	
		802.11ax-HE160 MCS0	143	6665	Full	7.52	**9.50**	8.41	**9.50**	11.00	**12.50**	99.82
			175	6825	Full	7.71	**9.50**	8.14	**9.50**	10.94	**12.50**	
		802.11be-EHT20 MCS0	117	6535	Full	-0.22	**1.50**	0.24	**1.50**	3.02	**4.50**	99.63
					26/0	-6.19	**-5.00**	-6.21	**-5.00**	-3.19	**-2.00**	
					52/37	-3.20	**-2.00**	-3.10	**-2.00**	-0.14	**1.00**	
					106/53	1.54	**3.30**	1.72	**3.30**	4.64	**6.30**	
					52+26_OFDMA	-3.15	**-2.00**	-3.14	**-2.00**	-0.13	**1.00**	
					106+26_OFDMA	1.52	**3.30**	1.87	**3.30**	4.71	**6.30**	
			149	6695	Full	-0.41	**1.50**	0.54	**1.50**	3.10	**4.50**	
			181	6855	Full	-0.38	**1.50**	0.09	**1.50**	2.86	**4.50**	
			185	6875	Full	3.10	**5.00**	4.00	**5.00**	6.58	**8.00**	
		802.11be-EHT40 MCS0	123	6565	Full	2.57	**4.50**	3.29	**4.50**	5.95	**7.50**	99.63
			147	6685	Full	2.80	**4.50**	4.11	**4.50**	6.51	**7.50**	
			179	6845	Full	2.89	**4.50**	3.49	**4.50**	6.21	**7.50**	
			187	6885	Full	7.81	**9.50**	8.41	**9.50**	11.13	**12.50**	
		802.11be-EHT80 MCS0	135	6625	Full	7.65	**9.50**	7.70	**9.50**	10.68	**12.50**	99.63
			151	6705	Full	7.63	**9.50**	8.01	**9.50**	10.83	**12.50**	
			167	6785	Full	7.58	**9.50**	8.00	**9.50**	10.80	**12.50**	
			183	6865	Full	7.61	**9.50**	7.94	**9.50**	10.78	**12.50**	
		802.11be-EHT160 MCS0	143	6665	Full	7.65	**9.50**	8.54	**9.50**	11.12	**12.50**	99.63
			175	6825	Full	7.87	**9.50**	8.28	**9.50**	11.09	**12.50**	

<Bluetooth>

	Mode	Channel	Frequency (MHz)	Default/Full Ant 13		Body&Hotspot Ant 13		Head Ant 13		Duty Cycle %
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
Bluetooth	BR / EDR 1Mbps	0	2402	18.83	**20.00**	18.01	**19.00**	15.22	**16.00**	77.07%
		39	2441	19.20	**20.00**	18.01	**19.00**	15.25	**16.00**	
		78	2480	18.13	**20.00**	17.02	**19.00**	14.63	**16.00**	
	BR / EDR 2Mbps	0	2402	14.06	**15.50**	13.82	**15.50**	13.68	**15.50**	77.07%
		39	2441	14.47	**15.50**	14.15	**15.50**	14.12	**15.50**	
		78	2480	13.65	**15.50**	13.71	**15.50**	13.59	**15.50**	
	BR / EDR 3Mbps	0	2402	14.12	**15.50**	13.81	**15.50**	13.63	**15.50**	77.07%
		39	2441	14.53	**15.50**	14.12	**15.50**	14.08	**15.50**	
		78	2480	13.70	**15.50**	13.74	**15.50**	13.55	**15.50**	
	LE 1Mbps	0	2402	17.00	**18.50**	Not Required	**15.50**	Not Required	**16.00**	61.90%
		19	2440	17.30	**18.50**		**15.50**		**16.00**	
		39	2480	16.60	**18.50**		**15.50**		**16.00**	
	LE 2Mbps	1	2404	16.90	**18.50**		**15.50**		**16.00**	33.33%
		19	2440	17.20	**18.50**		**15.50**		**16.00**	
		38	2478	17.30	**18.50**		**15.50**		**16.00**	
	LE 125Kbps	0	2402	7.20	**8.00**		**8.00**		**8.00**	82.93%
		19	2440	6.90	**8.00**		**8.00**		**8.00**	
		39	2480	6.10	**8.00**		**8.00**		**8.00**	
	LE 500Kbps	0	2402	7.10	**8.00**		**8.00**		**8.00**	56.91%
		19	2440	6.80	**8.00**		**8.00**		**8.00**	
		39	2480	6.00	**8.00**		**8.00**		**8.00**	

<Bluetooth>

	Mode	Channel	Frequency (MHz)	Default/Full Ant 6		Body&Hotspot Ant 6		Head Ant 6		Duty Cycle %
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
Bluetooth	BR / EDR 1Mbps	0	2402	18.65	**20.00**	17.21	**17.50**	16.85	**17.00**	77.07%
		39	2441	18.81	**20.00**	16.64	**17.50**	16.27	**17.00**	
		78	2480	18.39	**20.00**	16.30	**17.50**	15.94	**17.00**	
	BR / EDR 2Mbps	0	2402	15.12	**15.50**	14.96	**15.50**	14.96	**15.50**	76.86%
		39	2441	14.80	**15.50**	14.66	**15.50**	14.67	**15.50**	
		78	2480	14.44	**15.50**	14.27	**15.50**	14.25	**15.50**	
	BR / EDR 3Mbps	0	2402	15.14	**15.50**	14.92	**15.50**	14.91	**15.50**	77.07%
		39	2441	14.83	**15.50**	14.63	**15.50**	14.63	**15.50**	
		78	2480	14.50	**15.50**	14.23	**15.50**	14.23	**15.50**	
	LE 1Mbps	0	2402	17.70	**18.50**	Not Required	**17.50**	Not Required	**17.00**	61.90%
		19	2440	17.20	**18.50**		**17.50**		**17.00**	
		39	2480	17.10	**18.50**		**17.50**		**17.00**	
	LE 2Mbps	1	2404	16.90	**18.50**		**17.50**		**17.00**	33.33%
		19	2440	17.10	**18.50**		**17.50**		**17.00**	
		38	2478	17.80	**18.50**		**17.50**		**17.00**	
	LE 125Kbps	0	2402	7.80	**8.00**		**8.00**		**8.00**	82.93%
		19	2440	7.40	**8.00**		**8.00**		**8.00**	
		39	2480	6.70	**8.00**		**8.00**		**8.00**	
	LE 500Kbps	0	2402	7.70	**8.00**		**8.00**		**8.00**	56.91%
		19	2440	7.30	**8.00**		**8.00**		**8.00**	
		39	2480	6.60	**8.00**		**8.00**		**8.00**	