Full&Default Power Mode

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.46	32.68	32.66	**34.00**	23.46	23.68	23.66	**25.00**
GPRS 1 Tx slot		32.44	32.67	32.65	**34.00**	23.44	23.67	23.65	**25.00**
GPRS 2 Tx slots		29.63	29.85	29.83	**31.00**	23.63	23.85	23.83	**25.00**
GPRS 3 Tx slots		27.88	28.15	28.11	**29.20**	23.62	23.89	23.85	**24.94**
GPRS 4 Tx slots		26.56	26.76	26.73	**28.00**	23.56	23.76	23.73	**25.00**
EDGE 1 Tx slot		26.91	27.08	26.98	**28.00**	17.91	18.08	17.98	**19.00**
EDGE 2 Tx slots		23.73	23.89	23.79	**25.00**	17.73	17.89	17.79	**19.00**
EDGE 3 Tx slots		21.53	21.71	21.65	**23.20**	17.27	17.45	17.39	**18.94**
EDGE 4 Tx slots		20.15	20.27	20.26	**22.00**	17.15	17.27	17.26	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	29.63	29.78	29.76	**31.00**	23.60	23.75	23.77	**24.98**
	GPRS 1 Tx slot	29.61	29.77	29.82	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.62	29.86	29.68	**31.00**	23.55	23.77	23.66	**24.98**
	GPRS 1 Tx slot	29.52	29.72	29.69	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.85	28.16	28.15	**29.20**	23.57	23.87	23.90	**24.94**
	GPRS 2 Tx slots	27.82	28.12	28.16	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.85	29.85	**31.00**	21.60	21.76	21.73	**22.94**
	EDGE 1 Tx slot	23.51	23.67	23.52	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.64	29.94	29.77	**31.00**	21.55	21.81	21.65	**22.94**
	EDGE 1 Tx slot	23.49	23.56	23.45	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.94	28.24	28.09	**29.20**	20.46	20.73	20.58	**21.94**
	EDGE 2 Tx slots	21.24	21.47	21.31	**23.20**				

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		31.91	32.13	32.11	**33.50**	22.91	23.13	23.11	**24.50**
GPRS 1 Tx slot		31.89	32.11	32.10	**33.50**	22.89	23.11	23.10	**24.50**
GPRS 2 Tx slots		29.03	29.26	29.25	**30.50**	23.03	23.26	23.25	**24.50**
GPRS 3 Tx slots		27.34	27.55	27.53	**28.70**	23.08	23.29	23.27	**24.44**
GPRS 4 Tx slots		26.03	26.24	26.22	**27.50**	23.03	23.24	23.22	**24.50**
EDGE 1 Tx slot		26.33	26.56	26.41	**27.50**	17.33	17.56	17.41	**18.50**
EDGE 2 Tx slots		23.21	23.37	23.35	**24.50**	17.21	17.37	17.35	**18.50**
EDGE 3 Tx slots		21.08	21.13	21.11	**22.70**	16.82	16.87	16.85	**18.44**
EDGE 4 Tx slots		19.60	19.68	19.66	**21.50**	16.60	16.68	16.66	**18.50**
DTM Multi-slot class 5	GSM 1 Tx slot	28.98	29.09	29.27	**30.50**	22.91	23.09	23.24	**24.48**
	GPRS 1 Tx slot	28.88	29.13	29.26	**30.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	28.98	29.14	29.16	**30.50**	22.90	23.15	23.18	**24.48**
	GPRS 1 Tx slot	28.86	29.21	29.25	**30.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.36	27.58	27.47	**28.70**	23.12	23.30	23.30	**24.44**
	GPRS 2 Tx slots	27.39	27.55	27.60	**28.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.05	29.23	29.27	**30.50**	20.95	21.16	21.18	**22.44**
	EDGE 1 Tx slot	22.86	23.15	23.13	**24.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.10	29.33	29.32	**30.50**	20.99	21.21	21.20	**22.44**
	EDGE 1 Tx slot	22.85	23.00	22.99	**24.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.41	27.52	27.50	**28.70**	19.97	20.02	20.03	**21.44**
	EDGE 2 Tx slots	20.86	20.78	20.86	**22.70**				

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		30.09	30.31	30.23	**31.00**	21.09	21.31	21.23	**22.00**
GPRS 1 Tx slot		30.08	30.30	30.22	**31.00**	21.08	21.30	21.22	**22.00**
GPRS 2 Tx slots		27.15	27.34	27.31	**28.00**	21.15	21.34	21.31	**22.00**
GPRS 3 Tx slots		25.35	25.63	25.58	**26.20**	21.09	21.37	21.32	**21.94**
GPRS 4 Tx slots		24.09	24.32	24.28	**25.00**	21.09	21.32	21.28	**22.00**
EDGE 1 Tx slot		25.62	26.07	25.65	**27.00**	16.62	17.07	16.65	**18.00**
EDGE 2 Tx slots		22.22	22.53	22.21	**24.00**	16.22	16.53	16.21	**18.00**
EDGE 3 Tx slots		20.27	20.45	20.20	**22.20**	16.01	16.19	15.94	**17.94**
EDGE 4 Tx slots		19.11	19.15	19.09	**21.00**	16.11	16.15	16.09	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	27.17	27.28	27.20	**28.00**	21.14	21.23	21.24	**21.98**
	GPRS 1 Tx slot	27.15	27.23	27.32	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.10	27.36	27.32	**28.00**	21.05	21.33	21.29	**21.98**
	GPRS 1 Tx slot	27.04	27.35	27.30	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.41	25.74	25.66	**26.20**	21.13	21.45	21.37	**21.94**
	GPRS 2 Tx slots	25.38	25.70	25.61	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.19	27.36	27.37	**28.00**	19.31	19.50	19.45	**20.42**
	EDGE 1 Tx slot	22.01	22.28	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.13	27.29	27.30	**28.00**	19.26	19.43	19.40	**20.42**
	EDGE 1 Tx slot	22.00	22.18	22.02	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.37	25.58	25.56	**26.20**	18.40	18.54	18.53	**19.71**
	EDGE 2 Tx slots	20.20	20.22	20.21	**22.20**				

GSM1900_Ant 5		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.06	30.15	30.11	**31.00**	21.06	21.15	21.11	**22.00**
GPRS 1 Tx slot		30.05	30.13	30.09	**31.00**	21.05	21.13	21.09	**22.00**
GPRS 2 Tx slots		27.07	27.15	27.11	**28.00**	21.07	21.15	21.11	**22.00**
GPRS 3 Tx slots		25.31	25.43	25.39	**26.20**	21.05	21.17	21.13	**21.94**
GPRS 4 Tx slots		24.03	24.13	24.09	**25.00**	21.03	21.13	21.09	**22.00**
EDGE 1 Tx slot		25.71	26.15	25.68	**27.00**	16.71	17.15	16.68	**18.00**
EDGE 2 Tx slots		22.25	22.68	22.21	**24.00**	16.25	16.68	16.21	**18.00**
EDGE 3 Tx slots		20.28	20.36	20.25	**22.20**	16.02	16.10	15.99	**17.94**
EDGE 4 Tx slots		19.15	19.18	19.11	**21.00**	16.15	16.18	16.11	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	26.97	27.13	26.97	**28.00**	20.98	21.08	20.94	**21.98**
	GPRS 1 Tx slot	27.04	27.07	26.96	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.01	26.98	27.01	**28.00**	20.96	20.97	20.98	**21.98**
	GPRS 1 Tx slot	26.96	27.00	26.99	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.38	25.46	25.41	**26.20**	21.03	21.19	21.15	**21.94**
	GPRS 2 Tx slots	25.25	25.45	25.41	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.02	27.25	27.06	**28.00**	19.19	19.43	19.21	**20.42**
	EDGE 1 Tx slot	22.04	22.34	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.03	27.17	27.16	**28.00**	19.19	19.39	19.29	**20.42**
	EDGE 1 Tx slot	22.03	22.42	22.01	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.39	25.51	25.43	**26.20**	18.42	18.50	18.44	**19.71**
	EDGE 2 Tx slots	20.21	20.22	20.20	**22.20**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 5			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	24.00	24.02	24.00	**25.00**	23.58	23.63	23.61	**25.00**
3GPP Rel 99	RMC 12.2Kbps	24.02	24.06	24.03	**25.00**	23.60	23.65	23.63	**25.00**
3GPP Rel 6	HSDPA Subtest-1	22.95	23.02	22.66	**24.00**	22.55	22.64	22.69	**24.00**
3GPP Rel 6	HSDPA Subtest-2	22.96	23.02	23.06	**24.00**	22.55	22.59	22.66	**24.00**
3GPP Rel 6	HSDPA Subtest-3	22.49	22.54	22.57	**23.50**	22.09	22.12	22.21	**23.50**
3GPP Rel 6	HSDPA Subtest-4	22.44	22.50	22.56	**23.50**	22.05	22.11	22.15	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.91	22.51	**24.00**	22.50	22.57	22.58	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.89	22.83	22.78	**24.00**	22.47	22.51	22.56	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.43	22.46	22.40	**23.50**	22.01	22.02	22.11	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.38	22.41	22.38	**23.50**	22.01	22.05	22.07	**23.50**
3GPP Rel 6	HSUPA Subtest-1	21.00	21.03	21.04	**23.00**	21.10	21.14	21.16	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.83	20.90	**21.00**	20.62	20.70	20.67	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.87	21.89	21.92	**22.00**	21.59	21.69	21.69	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.53	20.58	20.65	**21.00**	20.12	20.22	20.26	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.10	**23.00**	21.60	21.60	21.70	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.47	20.48	20.44	**20.50**	20.45	20.46	20.41	**20.50**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.88	23.96	23.95	**25.00**	23.46	23.51	23.48	**25.00**
3GPP Rel 99	RMC 12.2Kbps	23.91	23.98	23.96	**25.00**	23.48	23.53	23.50	**25.00**
3GPP Rel 6	HSDPA Subtest-1	22.81	22.86	22.92	**24.00**	22.40	22.46	22.55	**24.00**
3GPP Rel 6	HSDPA Subtest-2	22.82	22.85	22.87	**24.00**	22.40	22.42	22.51	**24.00**
3GPP Rel 6	HSDPA Subtest-3	22.33	22.37	22.40	**23.50**	21.99	21.97	22.04	**23.50**
3GPP Rel 6	HSDPA Subtest-4	22.30	22.33	22.37	**23.50**	21.93	21.90	21.97	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.78	22.73	22.75	**24.00**	22.33	22.38	22.48	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.73	22.71	22.63	**24.00**	22.31	22.37	22.45	**24.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.30	22.34	22.31	**23.50**	21.91	21.88	21.91	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.31	22.34	**23.50**	21.88	21.85	21.90	**23.50**
3GPP Rel 6	HSUPA Subtest-1	21.06	21.11	21.15	**23.00**	21.00	21.01	21.03	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.87	20.92	20.96	**21.00**	20.42	20.47	20.59	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.86	21.92	21.97	**22.00**	21.42	21.52	21.57	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.35	20.39	20.54	**21.00**	19.96	19.98	20.12	**21.00**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	22.00	**23.00**	21.40	21.50	21.50	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.45	20.47	20.44	**20.50**	20.33	20.40	20.41	**20.50**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.83	23.93	23.82	**25.00**	23.02	23.07	22.98	**24.50**
3GPP Rel 99	RMC 12.2Kbps	23.86	23.95	23.85	**25.00**	23.05	23.10	23.01	**24.50**
3GPP Rel 6	HSDPA Subtest-1	22.84	22.92	22.82	**24.00**	21.99	22.02	21.96	**23.50**
3GPP Rel 6	HSDPA Subtest-2	22.83	22.93	22.82	**24.00**	21.97	22.08	21.96	**23.50**
3GPP Rel 6	HSDPA Subtest-3	22.37	22.43	22.32	**23.50**	21.50	21.59	21.49	**23.00**
3GPP Rel 6	HSDPA Subtest-4	22.32	22.41	22.29	**23.50**	21.48	21.54	21.42	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.88	22.74	**24.00**	21.90	21.94	21.89	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.85	22.71	**24.00**	21.92	21.95	21.91	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.33	22.30	22.26	**23.50**	21.44	21.46	21.43	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.30	22.35	22.33	**23.50**	21.46	21.43	21.44	**23.00**
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.27	**23.00**	20.51	20.52	20.52	**22.50**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.88	20.76	**21.00**	19.94	20.04	19.93	**20.50**
3GPP Rel 6	HSUPA Subtest-3	21.83	21.88	21.79	**22.00**	20.98	21.06	20.95	**21.50**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.40	20.25	**21.00**	19.44	19.51	19.44	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.80	**23.00**	20.90	21.00	20.90	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.45	20.47	**20.50**	19.78	19.81	19.73	**20.00**

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	24.11	24.15	24.00		
20	QPSK	1	49	24.10	24.01	23.99	25	0
20	QPSK	1	99	24.06	23.97	23.99		
20	QPSK	50	0	23.05	23.15	22.95		
20	QPSK	50	24	23.04	22.98	22.89	24	1
20	QPSK	50	50	23.03	22.90	22.84		
20	QPSK	100	0	23.05	23.11	22.84		
20	16QAM	1	0	23.13	23.22	23.19		
20	16QAM	1	49	23.12	23.13	23.03	24	1
20	16QAM	1	99	23.22	23.08	23.03		
20	16QAM	50	0	22.01	22.01	21.87		
20	16QAM	50	24	22.02	21.97	21.87	23	2
20	16QAM	50	50	21.04	20.89	21.83		
20	16QAM	100	0	22.02	21.94	21.82		
20	64QAM	1	0	22.12	22.13	22.10		
20	64QAM	1	49	22.12	22.08	22.03	23	2
20	64QAM	1	99	22.14	22.00	22.08		
20	64QAM	50	0	21.04	21.02	20.88		
20	64QAM	50	24	21.05	20.97	20.88	22	3
20	64QAM	50	50	21.01	20.90	20.86		
20	64QAM	100	0	21.03	20.97	20.84		
20	256QAM	1	0	19.17	19.16	19.12		
20	256QAM	1	49	19.20	19.12	19.15	20	5
20	256QAM	1	99	19.10	19.09	19.15		
20	256QAM	50	0	18.93	18.98	19.01		
20	256QAM	50	24	18.96	18.98	19.03	20	5
20	256QAM	50	50	19.00	18.93	18.98		
20	256QAM	100	0	18.88	18.96	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.95	24.03	23.90		
15	QPSK	1	37	24.07	23.97	23.93	25	0
15	QPSK	1	74	24.02	23.93	23.99		
15	QPSK	36	0	22.96	22.97	22.83		
15	QPSK	36	20	22.94	22.90	22.79	24	1
15	QPSK	36	39	22.93	22.87	22.78		
15	QPSK	75	0	22.95	22.93	22.84		
15	16QAM	1	0	23.02	23.20	23.10		
15	16QAM	1	37	23.19	23.06	23.06	24	1
15	16QAM	1	74	23.17	23.07	23.04		
15	16QAM	36	0	21.98	21.96	21.85		
15	16QAM	36	20	21.97	21.90	21.82	23	2
15	16QAM	36	39	21.92	21.91	21.79		
15	16QAM	75	0	21.98	21.94	21.85		
15	64QAM	1	0	22.09	22.16	22.05		
15	64QAM	1	37	22.15	22.10	21.99	23	2
15	64QAM	1	74	22.06	22.01	21.95		
15	64QAM	36	0	21.01	20.97	20.84		
15	64QAM	36	20	20.98	20.92	20.81	22	3
15	64QAM	36	39	20.97	20.88	20.82		
15	64QAM	75	0	20.97	20.93	20.85		
15	256QAM	1	0	19.23	19.21	19.12		
15	256QAM	1	37	19.17	19.08	19.17	20	5
15	256QAM	1	74	19.10	19.12	19.07		
15	256QAM	36	0	18.90	18.95	19.04		
15	256QAM	36	20	18.88	19.00	19.09	20	5
15	256QAM	36	39	19.01	18.89	18.99		
15	256QAM	75	0	18.81	18.92	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.91	24.08	23.96		
10	QPSK	1	25	23.91	23.97	23.90	25	0
10	QPSK	1	49	24.03	24.01	23.98		
10	QPSK	25	0	22.95	22.99	22.86		
10	QPSK	25	12	23.00	22.95	22.84	24	1
10	QPSK	25	25	22.98	22.92	22.84		
10	QPSK	50	0	22.96	22.94	22.85		
10	16QAM	1	0	23.06	23.21	23.11		
10	16QAM	1	25	23.19	23.07	23.04	24	1
10	16QAM	1	49	23.14	23.06	23.05		
10	16QAM	25	0	21.96	22.00	21.85		
10	16QAM	25	12	21.98	21.91	21.84	23	2
10	16QAM	25	25	21.97	21.90	21.84		
10	16QAM	50	0	21.96	21.94	21.84		
10	64QAM	1	0	22.03	22.15	22.05		
10	64QAM	1	25	22.07	22.08	21.95	23	2
10	64QAM	1	49	22.13	22.04	21.96		
10	64QAM	25	0	20.95	20.97	20.85		
10	64QAM	25	12	20.98	20.93	20.82	22	3
10	64QAM	25	25	20.96	20.91	20.83		
10	64QAM	50	0	20.96	20.94	20.84		
10	256QAM	1	0	19.22	19.16	19.04		
10	256QAM	1	25	19.14	19.05	19.19	20	5
10	256QAM	1	49	19.13	19.01	19.08		
10	256QAM	25	0	18.94	19.01	18.93		
10	256QAM	25	12	18.92	18.95	19.08	20	5
10	256QAM	25	25	19.00	18.94	18.99		
10	256QAM	50	0	18.84	18.88	18.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.94	24.04	23.92		
5	QPSK	1	12	23.96	23.98	23.94	25	0
5	QPSK	1	24	23.99	24.04	23.98		
5	QPSK	12	0	22.92	22.90	22.86		
5	QPSK	12	7	22.94	22.94	22.87	24	1
5	QPSK	12	13	22.97	22.96	22.90		
5	QPSK	25	0	22.98	22.99	22.90		
5	16QAM	1	0	23.10	23.12	23.04		
5	16QAM	1	12	23.06	23.10	23.01	24	1
5	16QAM	1	24	23.21	23.11	23.10		
5	16QAM	12	0	21.96	21.99	21.87		
5	16QAM	12	7	21.98	21.96	21.85	23	2
5	16QAM	12	13	21.98	21.96	21.87		
5	16QAM	25	0	21.97	21.97	21.87		
5	64QAM	1	0	22.09	22.16	22.02		
5	64QAM	1	12	22.09	22.08	21.95	23	2
5	64QAM	1	24	22.19	22.09	22.04		
5	64QAM	12	0	21.01	21.04	20.95		
5	64QAM	12	7	20.99	20.97	20.92	22	3
5	64QAM	12	13	21.00	20.97	20.93		
5	64QAM	25	0	20.98	20.96	20.88		
5	256QAM	1	0	19.19	19.17	19.07		
5	256QAM	1	12	19.19	19.05	19.13	20	5
5	256QAM	1	24	19.13	19.05	19.15		
5	256QAM	12	0	18.99	19.01	19.00		
5	256QAM	12	7	18.93	18.90	18.98	20	5
5	256QAM	12	13	19.02	18.85	18.95		
5	256QAM	25	0	18.90	18.97	18.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.90	23.97	23.93		
3	QPSK	1	8	23.81	23.88	23.82	25	0
3	QPSK	1	14	23.86	23.95	23.95		
3	QPSK	8	0	22.89	22.92	22.89		
3	QPSK	8	4	22.88	22.92	22.84	24	1
3	QPSK	8	7	22.90	22.90	22.86		
3	QPSK	15	0	22.96	22.90	22.86		
3	16QAM	1	0	23.03	23.10	22.99		
3	16QAM	1	8	23.03	23.08	22.94	24	1
3	16QAM	1	14	23.08	23.06	23.02		
3	16QAM	8	0	21.90	21.96	21.84		
3	16QAM	8	4	21.93	21.94	21.88	23	2
3	16QAM	8	7	21.97	21.97	21.92		
3	16QAM	15	0	21.93	21.96	21.88		
3	64QAM	1	0	22.01	22.03	21.94		
3	64QAM	1	8	21.93	21.99	21.87	23	2
3	64QAM	1	14	22.06	22.02	21.87		
3	64QAM	8	0	20.91	20.94	20.87		
3	64QAM	8	4	20.88	20.92	20.85	22	3
3	64QAM	8	7	20.92	20.90	20.85		
3	64QAM	15	0	20.85	20.89	20.87		
3	256QAM	1	0	19.09	19.14	19.12		
3	256QAM	1	8	19.27	19.06	19.16	20	5
3	256QAM	1	14	19.06	19.15	19.15		
3	256QAM	8	0	18.98	19.04	18.96		
3	256QAM	8	4	19.02	19.01	18.97	20	5
3	256QAM	8	7	18.94	19.01	18.99		
3	256QAM	15	0	18.81	18.98	18.86		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.84	23.91	23.90		
1.4	QPSK	1	3	23.82	23.86	23.84		
1.4	QPSK	1	5	23.85	23.90	23.90		
1.4	QPSK	3	0	23.75	23.83	23.81	25	0
1.4	QPSK	3	1	23.70	23.75	23.79		
1.4	QPSK	3	3	23.80	23.80	23.86		
1.4	QPSK	6	0	22.91	22.86	22.91	24	1
1.4	16QAM	1	0	23.06	23.16	23.00		
1.4	16QAM	1	3	23.04	23.07	22.97		
1.4	16QAM	1	5	23.05	23.08	23.04	24	1
1.4	16QAM	3	0	22.94	22.85	22.81		
1.4	16QAM	3	1	22.84	22.85	22.80		
1.4	16QAM	3	3	22.82	22.87	22.84		
1.4	16QAM	6	0	21.90	21.93	21.91	23	2
1.4	64QAM	1	0	22.00	22.09	22.03		
1.4	64QAM	1	3	22.02	22.10	21.91		
1.4	64QAM	1	5	22.08	22.09	22.01	23	2
1.4	64QAM	3	0	21.94	22.03	21.97		
1.4	64QAM	3	1	21.94	21.97	21.94		
1.4	64QAM	3	3	22.00	22.00	21.98		
1.4	64QAM	6	0	20.82	20.86	20.85	22	3
1.4	256QAM	1	0	19.21	19.10	19.12		
1.4	256QAM	1	3	19.27	19.20	19.13		
1.4	256QAM	1	5	19.11	19.09	19.14	20	5
1.4	256QAM	3	0	18.95	18.98	19.03		
1.4	256QAM	3	1	18.93	19.03	19.02		
1.4	256QAM	3	3	18.98	18.97	18.91		
1.4	256QAM	6	0	18.80	18.97	18.90	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.51	22.88	22.86		
20	QPSK	1	49	22.50	22.70	22.80	24	0
20	QPSK	1	99	22.41	22.74	22.83		
20	QPSK	50	0	21.50	21.88	21.82		
20	QPSK	50	24	21.57	21.86	21.81	23	1
20	QPSK	50	50	21.52	21.77	21.81		
20	QPSK	100	0	21.71	21.85	21.82		
20	16QAM	1	0	21.93	22.11	22.03		
20	16QAM	1	49	21.91	21.99	22.01	23	1
20	16QAM	1	99	21.86	21.95	21.97		
20	16QAM	50	0	20.80	20.87	20.82		
20	16QAM	50	24	20.80	20.84	20.80	22	2
20	16QAM	50	50	19.82	19.78	20.80		
20	16QAM	100	0	20.79	20.82	20.78		
20	64QAM	1	0	20.89	21.02	20.98		
20	64QAM	1	49	20.98	20.98	20.90	22	2
20	64QAM	1	99	20.87	20.88	20.87		
20	64QAM	50	0	19.82	19.89	19.83		
20	64QAM	50	24	19.81	19.86	19.82	21	3
20	64QAM	50	50	19.77	19.79	19.80		
20	64QAM	100	0	19.82	19.83	19.79		
20	256QAM	1	0	17.95	17.92	17.94		
20	256QAM	1	49	17.78	17.83	17.90	19	5
20	256QAM	1	99	17.83	17.81	17.89		
20	256QAM	50	0	17.80	17.75	17.76		
20	256QAM	50	24	17.74	17.74	17.80	19	5
20	256QAM	50	50	17.68	17.68	17.65		
20	256QAM	100	0	17.63	17.71	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.43	22.82	22.83		
15	QPSK	1	37	22.39	22.63	22.69	24	0
15	QPSK	1	74	22.36	22.63	22.72		
15	QPSK	36	0	21.52	21.77	21.76		
15	QPSK	36	20	21.49	21.75	21.73	23	1
15	QPSK	36	39	21.44	21.73	21.77		
15	QPSK	75	0	21.61	21.78	21.72		
15	16QAM	1	0	22.08	22.08	21.94		
15	16QAM	1	37	21.86	21.94	21.96	23	1
15	16QAM	1	74	21.79	21.86	21.89		
15	16QAM	36	0	20.69	20.78	20.77		
15	16QAM	36	20	20.78	20.79	20.75	22	2
15	16QAM	36	39	20.66	20.76	20.76		
15	16QAM	75	0	20.69	20.76	20.68		
15	64QAM	1	0	20.81	20.96	20.95		
15	64QAM	1	37	20.92	20.93	20.82	22	2
15	64QAM	1	74	20.78	20.83	20.89		
15	64QAM	36	0	19.77	19.79	19.81		
15	64QAM	36	20	19.74	19.84	19.80	21	3
15	64QAM	36	39	19.73	19.72	19.76		
15	64QAM	75	0	19.73	19.76	19.74		
15	256QAM	1	0	17.92	17.89	17.94		
15	256QAM	1	37	17.72	17.87	17.86	19	5
15	256QAM	1	74	17.84	17.81	17.86		
15	256QAM	36	0	17.80	17.78	17.80		
15	256QAM	36	20	17.82	17.77	17.83	19	5
15	256QAM	36	39	17.69	17.65	17.65		
15	256QAM	75	0	17.58	17.73	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.49	22.77	22.81		
10	QPSK	1	25	22.43	22.59	22.75	24	0
10	QPSK	1	49	22.35	22.71	22.80		
10	QPSK	25	0	21.57	21.80	21.72		
10	QPSK	25	12	21.55	21.84	21.76	23	1
10	QPSK	25	25	21.42	21.70	21.78		
10	QPSK	50	0	21.68	21.80	21.72		
10	16QAM	1	0	21.83	22.00	21.96		
10	16QAM	1	25	21.83	21.89	21.96	23	1
10	16QAM	1	49	21.75	21.88	21.92		
10	16QAM	25	0	20.75	20.76	20.71		
10	16QAM	25	12	20.78	20.81	20.77	22	2
10	16QAM	25	25	20.71	20.73	20.76		
10	16QAM	50	0	20.69	20.79	20.69		
10	64QAM	1	0	20.78	20.93	20.91		
10	64QAM	1	25	20.95	20.96	20.85	22	2
10	64QAM	1	49	20.76	20.78	20.83		
10	64QAM	25	0	19.71	19.78	19.73		
10	64QAM	25	12	19.75	19.80	19.72	21	3
10	64QAM	25	25	19.67	19.76	19.74		
10	64QAM	50	0	19.71	19.79	19.73		
10	256QAM	1	0	17.89	18.00	18.01		
10	256QAM	1	25	17.83	17.89	17.82	19	5
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	17.79	17.73	17.77		
10	256QAM	25	12	17.74	17.74	17.80	19	5
10	256QAM	25	25	17.76	17.75	17.67		
10	256QAM	50	0	17.72	17.82	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.44	22.77	22.78		
5	QPSK	1	12	22.48	22.59	22.71	24	0
5	QPSK	1	24	22.36	22.64	22.74		
5	QPSK	12	0	21.48	21.79	21.79		
5	QPSK	12	7	21.53	21.77	21.79	23	1
5	QPSK	12	13	21.41	21.68	21.75		
5	QPSK	25	0	21.61	21.81	21.78		
5	16QAM	1	0	21.86	21.80	21.93		
5	16QAM	1	12	21.84	21.89	21.94	23	1
5	16QAM	1	24	21.83	21.88	21.91		
5	16QAM	12	0	20.77	20.80	20.72		
5	16QAM	12	7	20.68	20.81	20.71	22	2
5	16QAM	12	13	20.68	20.71	20.77		
5	16QAM	25	0	20.69	20.79	20.76		
5	64QAM	1	0	20.86	21.00	20.93		
5	64QAM	1	12	20.76	20.91	20.82	22	2
5	64QAM	1	24	20.85	20.81	20.86		
5	64QAM	12	0	19.73	19.87	19.73		
5	64QAM	12	7	19.71	19.79	19.80	21	3
5	64QAM	12	13	19.70	19.71	19.70		
5	64QAM	25	0	19.73	19.78	19.75		
5	256QAM	1	0	17.87	17.95	18.00		
5	256QAM	1	12	17.83	17.77	17.91	19	5
5	256QAM	1	24	17.83	17.89	17.84		
5	256QAM	12	0	17.78	17.72	17.80		
5	256QAM	12	7	17.73	17.77	17.85	19	5
5	256QAM	12	13	17.63	17.67	17.69		
5	256QAM	25	0	17.66	17.73	17.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.44	22.82	22.83		
3	QPSK	1	8	22.45	22.59	22.72	24	0
3	QPSK	1	14	22.34	22.64	22.78		
3	QPSK	8	0	21.47	21.77	21.72		
3	QPSK	8	4	21.46	21.81	21.71	23	1
3	QPSK	8	7	21.50	21.75	21.75		
3	QPSK	15	0	21.66	21.78	21.71		
3	16QAM	1	0	21.87	22.00	21.98		
3	16QAM	1	8	21.89	21.94	21.91	23	1
3	16QAM	1	14	21.83	21.90	21.91		
3	16QAM	8	0	20.71	20.77	20.73		
3	16QAM	8	4	20.71	20.77	20.75	22	2
3	16QAM	8	7	20.74	20.73	20.72		
3	16QAM	15	0	20.74	20.74	20.72		
3	64QAM	1	0	20.87	20.92	20.94		
3	64QAM	1	8	20.82	20.88	20.81	22	2
3	64QAM	1	14	20.78	20.85	20.82		
3	64QAM	8	0	19.77	19.82	19.77		
3	64QAM	8	4	19.77	19.78	19.72	21	3
3	64QAM	8	7	19.68	19.70	19.69		
3	64QAM	15	0	19.80	19.80	19.76		
3	256QAM	1	0	17.92	17.88	17.90		
3	256QAM	1	8	17.74	17.75	17.83	19	5
3	256QAM	1	14	17.85	17.81	17.83		
3	256QAM	8	0	17.82	17.81	17.70		
3	256QAM	8	4	17.70	17.78	17.81	19	5
3	256QAM	8	7	17.70	17.65	17.73		
3	256QAM	15	0	17.67	17.70	17.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.56	22.81	22.83		
1.4	QPSK	1	3	22.53	22.64	22.71		
1.4	QPSK	1	5	22.58	22.67	22.76	24	0
1.4	QPSK	3	0	22.50	22.83	22.76		
1.4	QPSK	3	1	22.54	22.63	22.69		
1.4	QPSK	3	3	22.44	22.68	22.72		
1.4	QPSK	6	0	21.65	21.77	21.77	23	1
1.4	16QAM	1	0	21.70	21.80	21.76		
1.4	16QAM	1	3	21.58	21.74	21.75		
1.4	16QAM	1	5	21.84	21.83	21.73	23	1
1.4	16QAM	3	0	21.86	22.06	21.88		
1.4	16QAM	3	1	21.84	21.96	21.98		
1.4	16QAM	3	3	21.83	21.91	21.92		
1.4	16QAM	6	0	20.69	20.85	20.76	22	2
1.4	64QAM	1	0	20.89	20.77	20.74		
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.76	20.77	20.69	22	2
1.4	64QAM	3	0	20.87	21.00	20.91		
1.4	64QAM	3	1	20.88	20.92	20.84		
1.4	64QAM	3	3	20.79	20.80	20.87		
1.4	64QAM	6	0	19.76	19.78	19.78	21	3
1.4	256QAM	1	0	17.97	17.85	17.96		
1.4	256QAM	1	3	17.74	17.79	17.93		
1.4	256QAM	1	5	17.79	17.88	17.88	19	5
1.4	256QAM	3	0	17.88	17.79	17.80		
1.4	256QAM	3	1	17.81	17.66	17.87		
1.4	256QAM	3	3	17.76	17.61	17.62		
1.4	256QAM	6	0	17.65	17.72	17.70	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.75	23.79	23.72		
20	QPSK	1	49	23.73	23.62	23.65	25	0
20	QPSK	1	99	23.68	23.61	23.70		
20	QPSK	50	0	22.75	22.76	22.67		
20	QPSK	50	24	22.72	22.71	22.66	24	1
20	QPSK	50	50	22.73	22.60	22.65		
20	QPSK	100	0	22.71	22.75	22.64		
20	16QAM	1	0	22.90	22.99	22.87		
20	16QAM	1	49	22.91	22.88	22.83	24	1
20	16QAM	1	99	22.93	22.80	22.84		
20	16QAM	50	0	21.76	21.74	21.64		
20	16QAM	50	24	21.75	21.70	21.63	23	2
20	16QAM	50	50	20.77	20.61	21.65		
20	16QAM	100	0	21.76	21.66	21.63		
20	64QAM	1	0	21.84	21.

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	25.13	25.15	25.03	25.7	0
20	QPSK	1	49	25.11	25.03	24.99		
20	QPSK	1	99	24.98	24.97	24.87		
20	QPSK	50	0	24.05	24.08	23.96	24.7	1
20	QPSK	50	24	24.02	23.96	23.92		
20	QPSK	50	50	23.99	23.96	23.89		
20	QPSK	100	0	24.03	24.05	23.93		
20	16QAM	1	0	24.34	24.31	24.28	24.7	1
20	16QAM	1	49	24.28	24.21	24.18		
20	16QAM	1	99	24.19	24.13	24.06		
20	16QAM	50	0	23.03	23.00	22.97	23.7	2
20	16QAM	50	24	23.01	22.97	22.91		
20	16QAM	50	50	22.97	22.95	22.88		
20	16QAM	100	0	23.01	22.95	22.91		
20	64QAM	1	0	23.21	23.21	23.22	23.7	2
20	64QAM	1	49	23.16	23.13	23.11		
20	64QAM	1	99	23.06	23.05	22.99		
20	64QAM	50	0	22.07	22.00	21.97	22.7	3
20	64QAM	50	24	22.03	21.98	21.95		
20	64QAM	50	50	21.97	21.97	21.89		
20	64QAM	100	0	22.02	21.99	21.93		
20	256QAM	1	0	20.11	20.06	19.98	20.7	5
20	256QAM	1	49	20.02	20.00	20.02		
20	256QAM	1	99	20.08	20.03	19.99		
20	256QAM	50	0	19.95	19.89	19.86	20.7	5
20	256QAM	50	24	19.84	19.91	19.93		
20	256QAM	50	50	19.94	19.95	19.93		
20	256QAM	100	0	19.90	19.92	19.98		
			Channel	20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	25.02	25.07	24.98	25.7	0
15	QPSK	1	37	25.01	24.93	24.92		
15	QPSK	1	74	24.95	24.88	24.78		
15	QPSK	36	0	24.08	24.06	23.92	24.7	1
15	QPSK	36	20	24.00	23.89	23.86		
15	QPSK	36	39	23.89	23.88	23.87		
15	QPSK	75	0	23.98	23.95	23.83		
15	16QAM	1	0	24.28	24.23	24.17	24.7	1
15	16QAM	1	37	24.19	24.18	24.11		
15	16QAM	1	74	24.16	24.02	24.00		
15	16QAM	36	0	22.92	22.93	22.92	23.7	2
15	16QAM	36	20	22.95	22.91	22.81		
15	16QAM	36	39	22.84	22.86	22.80		
15	16QAM	75	0	22.93	22.85	22.88		
15	64QAM	1	0	23.11	23.12	23.19	23.7	2
15	64QAM	1	37	23.14	23.08	23.03		
15	64QAM	1	74	22.97	23.01	22.91		
15	64QAM	36	0	22.01	21.93	21.86	22.7	3
15	64QAM	36	20	21.98	21.87	21.91		
15	64QAM	36	39	21.88	21.95	21.79		
15	64QAM	75	0	21.97	21.90	21.87		
15	256QAM	1	0	20.09	19.98	19.90	20.7	5
15	256QAM	1	37	19.95	19.94	20.08		
15	256QAM	1	74	20.02	20.06	19.94		
15	256QAM	36	0	19.92	19.93	19.84	20.7	5
15	256QAM	36	20	19.90	19.96	19.95		
15	256QAM	36	39	19.89	20.02	19.97		
15	256QAM	75	0	19.90	19.85	20.02		
			Channel	20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	25.07	25.12	24.96	25.7	0
10	QPSK	1	25	25.03	24.97	24.93		
10	QPSK	1	49	24.96	24.91	24.78		
10	QPSK	25	0	24.06	24.06	23.89	24.7	1
10	QPSK	25	12	23.93	23.85	23.83		
10	QPSK	25	25	23.90	23.90	23.83		
10	QPSK	50	0	24.01	24.00	23.89		
10	16QAM	1	0	24.32	24.24	24.25	24.7	1
10	16QAM	1	25	24.20	24.18	24.15		
10	16QAM	1	49	24.14	24.08	24.03		
10	16QAM	25	0	22.98	22.89	22.95	23.7	2
10	16QAM	25	12	22.91	22.95	22.88		
10	16QAM	25	25	22.89	22.92	22.83		
10	16QAM	50	0	22.96	22.86	22.80		
10	64QAM	1	0	23.13	23.16	23.17	23.7	2
10	64QAM	1	25	23.06	23.00	23.00		
10	64QAM	1	49	22.95	23.03	22.88		
10	64QAM	25	0	21.97	21.93	21.87	22.7	3
10	64QAM	25	12	21.95	21.96	21.89		
10	64QAM	25	25	21.86	21.95	21.85		
10	64QAM	50	0	21.93	21.95	21.90		
10	256QAM	1	0	20.09	20.08	19.94	20.7	5
10	256QAM	1	25	20.06	20.07	20.04		
10	256QAM	1	49	20.00	19.96	19.98		
10	256QAM	25	0	20.03	19.97	19.89	20.7	5
10	256QAM	25	12	19.79	19.92	19.98		
10	256QAM	25	25	19.95	20.02	19.89		
10	256QAM	50	0	19.87	19.96	20.03		
			Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	25.03	25.13	24.98	25.7	0
5	QPSK	1	12	25.08	24.98	24.93		
5	QPSK	1	24	24.89	24.87	24.80		
5	QPSK	12	0	24.06	24.08	23.94	24.7	1
5	QPSK	12	7	23.92	23.94	23.88		
5	QPSK	12	13	23.95	23.91	23.78		
5	QPSK	25	0	24.01	24.00	23.90		
5	16QAM	1	0	24.17	24.24	24.17	24.7	1
5	16QAM	1	12	24.25	24.16	24.13		
5	16QAM	1	24	24.14	24.05	24.00		
5	16QAM	12	0	22.97	22.93	22.94	23.7	2
5	16QAM	12	7	22.93	22.89	22.81		
5	16QAM	12	13	22.87	22.88	22.82		
5	16QAM	25	0	22.94	22.92	22.80		
5	64QAM	1	0	23.19	23.17	23.19	23.7	2
5	64QAM	1	12	23.06	23.03	23.03		
5	64QAM	1	24	23.04	23.03	22.92		
5	64QAM	12	0	22.03	21.93	21.89	22.7	3
5	64QAM	12	7	21.94	21.95	21.86		
5	64QAM	12	13	21.91	21.86	21.79		
5	64QAM	25	0	21.91	21.95	21.84		
5	256QAM	1	0	20.04	19.98	19.95	20.7	5
5	256QAM	1	12	19.94	19.94	19.95		
5	256QAM	1	24	20.10	19.99	19.92		
5	256QAM	12	0	19.98	19.87	19.85	20.7	5
5	256QAM	12	7	19.83	19.91	19.90		
5	256QAM	12	13	20.01	19.90	19.99		
5	256QAM	25	0	19.87	19.91	19.96		
			Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	25.08	25.07	24.98	25.7	0
3	QPSK	1	8	25.00	24.95	24.97		
3	QPSK	1	14	24.87	24.94	24.85		
3	QPSK	8	0	23.94	24.00	23.91	24.7	1
3	QPSK	8	4	23.99	23.91	23.87		
3	QPSK	8	7	23.96	23.86	23.83		
3	QPSK	15	0	23.93	24.02	23.88		
3	16QAM	1	0	24.29	24.20	24.26	24.7	1
3	16QAM	1	8	24.25	24.15	24.09		
3	16QAM	1	14	24.11	24.11	24.02		
3	16QAM	8	0	22.94	22.92	22.93	23.7	2
3	16QAM	8	4	22.98	22.89	22.84		
3	16QAM	8	7	22.94	22.89	22.86		
3	16QAM	15	0	22.97	22.85	22.88		
3	64QAM	1	0	23.18	23.13	23.14	23.7	2
3	64QAM	1	8	23.06	23.03	23.07		
3	64QAM	1	14	23.01	23.03	22.92		
3	64QAM	8	0	22.05	21.89	21.91	22.7	3
3	64QAM	8	4	21.98	21.91	21.84		
3	64QAM	8	7	21.90	21.87	21.81		
3	64QAM	15	0	21.93	21.93	21.90		
3	256QAM	1	0	20.12	20.12	20.00	20.7	5
3	256QAM	1	8	19.99	20.04	20.09		
3	256QAM	1	14	20.00	20.01	19.98		
3	256QAM	8	0	20.01	19.94	19.93	20.7	5
3	256QAM	8	4	19.83	19.89	19.90		
3	256QAM	8	7	19.97	19.96	19.90		
3	256QAM	15	0	19.91	19.91	19.96		
			Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.87	24.78	24.68	25.7	0
1.4	QPSK	1	3	24.81	24.74	24.68		
1.4	QPSK	1	5	24.86	24.76	24.71		
1.4	QPSK	3	0	24.75	24.66	24.66		
1.4	QPSK	3	1	24.75	24.66	24.63		
1.4	QPSK	3	3	24.81	24.66	24.65		
1.4	QPSK	6	0	24.09	23.85	23.85	24.7	1
1.4	16QAM	1	0	23.98	23.85	23.82	24.7	1
1.4	16QAM	1	3	23.94	23.92	23.79		
1.4	16QAM	1	5	23.92	24.01	23.87		
1.4	16QAM	3	0	24.25	24.27	24.17		
1.4	16QAM	3	1	24.22	24.10	24.16		
1.4	16QAM	3	3	24.12	24.09	24.00		
1.4	16QAM	6	0	22.93	22.91	22.91	23.7	2
1.4	64QAM	1	0	22.92	22.95	22.92	23.7	2
1.4	64QAM	1	3	22.92	22.91	22.80		
1.4	64QAM	1	5	22.96	22.92	22.82		
1.4	64QAM	3	0	23.14	23.11	23.18		
1.4	64QAM	3	1	23.06	23.06	23.08		
1.4	64QAM	3	3	22.96	22.97	22.88		
1.4	64QAM	6	0	21.93	21.96	21.84	22.7	3
1.4	256QAM	1	0	20.18	20.01	19.90	20.7	5
1.4	256QAM	1	3	19.98	20.05	20.10		
1.4	256QAM	1	5	20.06	20.00	19.93		
1.4	256QAM	3	0	19.92	19.86	19.84		
1.4	256QAM	3	1	19.83	19.83	19.99		
1.4	256QAM	3	3	19.94	19.99	20.01		
1.4	256QAM	6	0	19.94	19.85	20.02	20.7	5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	24.05	24.08	23.98	25	0
20	QPSK	1	49	23.95	23.95	23.93		
20	QPSK	1	99	23.89	23.89	23.81		
20	QPSK	50	0	22.92	22.95	22.93	24	1
20	QPSK	50	24	22.89	22.89	22.89		
20	QPSK	50	50	22.87	22.90	22.87		
20	QPSK	100	0	22.89	22.91	22.90		
20	16QAM	1	0	23.17	23.17	23.25	24	1
20	16QAM	1	49	23.09	23.13	23.15		
20	16QAM	1	99	23.11	23.09	23.02		
20	16QAM	50	0	21.89	21.94	21.93	23	2
20	16QAM	50	24	21.88	21.89	21.90		
20	16QAM	50	50	21.88	21.89	21.86		
20	16QAM	100	0	21.86	21.89	21.89		
20	64QAM	1	0	22.12	22.06	22.13	23	2
20	64QAM	1	49	22.06	21.96	22.07		
20	64QAM	1	99	22.01	22.05	21.97		
20	64QAM	50	0	20.90	20.94	20.94	22	3
20	64QAM	50	24	20.90	20.91	20.91		
20	64QAM	50	50	20.88	20.88	20.89		
20	64QAM	100	0	20.88	20.91	20.90		
20	256QAM	1	0	19.03	19.02	18.98	20	5
20	256QAM	1	49	18.93	18.98	18.90		
20	256QAM	1	99	19.06	19.06	18.99		
20	256QAM	50	0	18.84	18.90	18.93	20	5
20	256QAM	50	24	18.94	18.91	18.83		
20	256QAM	50	50	18.88	18.93	18.85		
20	256QAM	100	0	18.92	18.91	18.96		
			Channel	20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1717.5	1732.5	1747.5		
15	QPSK	1	0	24.01	24.05	23.88	25	0
15	QPSK	1	37	23.85	23.90	23.88		
15	QPSK	1	74	23.83	23.85	23.71		
15	QPSK	36	0	22.92	22.92	22.89	24	1
15	QPSK	36	20	22.81	22.79	22.82		
15	QPSK	36	39	22.80	22.81	22.81		
15	QPSK	75	0	22.87	22.87	22.82		
15	16QAM	1	0	23.09	23.09	23.19	24	1
15	16QAM	1	37	22.99	23.02	23.09		
15	16QAM	1	74	23.08	23.04	22.91		
15	16QAM	36	0	21.83	21.84	21.86	23	2
15	16QAM	36	20	21.84	21.82	21.82		
15	16QAM	36	39	21.77	21.82	21.79		
15	16QAM	75	0	21.84	21.84	21.83		
15	64QAM	1	0	22.02	22.02	22.08	23	2
15	64QAM	1	37	22.03	21.87	21.98		
15	64QAM	1	74	21.98	21.94	21.82		
15	64QAM	36	0	20.82	20.85	20.90	22	3
15	64QAM	36	20	20.85	20.86	20.80		
15	64QAM	36	39	20.86	20.84	20.87		
15	64QAM	75	0	20.82	20.89	20.87		
15	256QAM	1	0	19.09	19.07	18.97	20	5
15	256QAM	1	37	18.86	19.04	18.95		
15	256QAM	1	74	19.00	19.11	18.98		
15	256QAM	36	0	18.80	18.90	18.97	20	5
15	256QAM	36	20	18.92	18.83	18.84		
15	256QAM	36	39	18.96	18.89	18.88		
15	256QAM	75	0	18.92	18.95	18.91		
			Channel	20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1715	1732.5	1750		
10	QPSK	1	0	24.02	23.98	23.91	25	0
10	QPSK	1	25	23.92	23.90	23.82		
10	QPSK	1	49	23.87	23.85	23.72		
10	QPSK	25	0	22.92	22.88	22.85	24	1
10	QPSK	25	12	22.82	22.81	22.81		
10	QPSK	25	25	22.79	22.80	22.80		
10	QPSK	50	0	22.83	22.80	22.79		
10	16QAM	1	0	23.08	23.10	23.21	24	1
10	16QAM	1	25	23.06	23.06	23.07		
10	16QAM	1	49	23.08	22.99	22.99		
10	16QAM	25	0	21.79	21.89	21.87	23	2
10	16QAM	25	12	21.85	21.84	21.80		
10	16QAM	25	25	21.77	21.83	21.83		
10	16QAM	50	0	21.77	21.81	21.78		
10	64QAM	1	0	22.04	21.97	22.09	23	2
10	64QAM	1	25	22.02	21.89	22.02		
10	64QAM	1	49	21.94	22.00	21.76		
10	64QAM	25	0	20.80	20.88	20.84	22	3
10	64QAM	25	12	20.87	20.84	20.84		
10	64QAM	25	25	20.80	20.86	20.86		
10	64QAM	50	0	20.82	20.87	20.87		
10	256QAM	1	0	18.98	19.06	18.91	20	5
10	256QAM	1	25	19.01	19.02	18.95		
10	256QAM	1	49	19.12	19.08	19.05		
10	256QAM	25	0	18.86	18.97	18.92	20	5
10	256QAM	25	12	19.02	18.97	18.84		
10	256QAM	25	25	18.82	18.86	18.87		
10	256QAM	50	0	18.92	18.80	18.96		
			Channel	19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1712.5	1732.5	1752.5		
5	QPSK	1	0	24.00	23.99	23.92	25	0
5	QPSK	1	12	23.85	23.86	23.83		
5	QPSK	1	24	23.80	23.87	23.71		
5	QPSK	12	0	23.83	23.86	23.82	24	1
5	QPSK	12	7	22.85	22.79	22.80		
5	QPSK	12	13	22.85	22.83	22.85		
5	QPSK	25	0	22.83	22.85	22.88		
5	16QAM	1	0	23.07	23.12	23.14	24	1
5	16QAM	1	12	23.00	23.08	23.08		
5	16QAM	1	24	23.01	23.02	22.93		
5	16QAM	12	0	21.82	21.89	21.84	23	2
5	16QAM	12	7	21.80	21.78	21.86		
5	16QAM	12	13	21.78	21.80	21.79		
5	16QAM	25	0	21.75	21.78	21.81		
5	64QAM	1	0	22.07	21.96	22.11	23	2
5	64QAM	1	12	21.97	22.02	21.94		
5	64QAM	1	24	21.91	22.03	21.84		
5	64QAM	12	0	20.88	20.92	20.90	22	3
5	64QAM	12	7	20.84	20.82	20.88		
5	64QAM	12	13	20.77	20.78	20.86		
5	64QAM	25	0	20.81	20.80	20.82		
5	256QAM	1	0	19.04	19.05	18.98	20	5
5	256QAM	1	12	18.94	19.05	18.95		
5	256QAM	1	24	18.98	18.98	18.95		
5	256QAM	12	0	18.86	18.94	18.99	20	5
5	256QAM	12	7	18.87	18.96	18.90		
5	256QAM	12	13	18.92	18.91	18.87		
5	256QAM	25	0	18.84	18.91	18.97		
			Channel	19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1711.5	1732.5	1753.5		
3	QPSK	1	0	24.00	23.98	23.96	25	0
3	QPSK	1	8	23.88	23.86	23.84		
3	QPSK	1	14	23.83	23.85	23.79		
3	QPSK	8	0	22.83	22.92	22.87	24	1
3	QPSK	8	4	22.79	22.80	22.80		
3	QPSK	8	7	22.77	22.79	22.83		
3	QPSK	15	0	22.83	22.82	22.85		
3	16QAM	1	0	23.06	23.10	23.16	24	1
3	16QAM	1	8	23.02	23.03	23.10		
3	16QAM	1	14	23.01	23.02	22.92		
3	16QAM	8	0	21.85	21.87	21.91	23	2
3	16QAM	8	4	21.86	21.80	21.83		
3	16QAM	8	7	21.84	21.82	21.78		
3	16QAM	15	0	21.78	21.81	21.74		
3	64QAM	1	0	22.04	21.98	22.11	23	2
3	64QAM	1	8	22.00	21.92	21.96		
3	64QAM	1	14	21.91	21.94	21.77		
3	64QAM	8	0	20.80	20.90	20.89	22	3
3	64QAM	8	4	20.85	20.80	20.80		
3	64QAM	8	7	20.80	20.79	20.83		
3	64QAM	15	0	20.83	20.83	20.87		
3	256QAM	1	0	19.02	18.95	19.00	20	5
3	256QAM	1	8	18.85	19.05	18.85		
3	256QAM	1	14	18.98	19.03	19.06		
3	256QAM	8	0	18.89	18.90	18.99	20	5
3	256QAM	8	4	18.88	18.86	18.84		
3	256QAM	8	7	18.92	18.98	18.89		
3	256QAM	15	0	18.89	18.96	18.89		
			Channel	19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.00	24.03	23.87	25	0
1.4	QPSK	1	3	23.91	23.86	23.85		
1.4	QPSK	1	5	23.90	23.87	23.76		
1.4	QPSK	3	0	24.03	24.05	23.88		
1.4	QPSK	3	1	23.92	23.87	23.83		
1.4	QPSK	3	3	23.81	23.85	23.73		
1.4	QPSK	6	0	22.92	22.85	22.86	24	1
1.4	16QAM	1	0	22.81	22.80	22.80	24	1
1.4	16QAM	1	3	22.81	22.86	22.78		
1.4	16QAM	1	5	22.81	22.84	22.87		
1.4	16QAM	3	0	23.15	23.13	23.21		
1.4	16QAM	3	1	23.03	23.06	23.10		
1.4	16QAM	3	3	23.07	23.02	22.99		
1.4	16QAM	6	0	21.86	21.85	21.86	23	2
1.4	64QAM	1	0	21.92	21.87	21.82		
1.4	64QAM	1	3	21.81	21.80	21.76		
1.4	64QAM	1	5	21.81	21.86	21.82	23	2
1.4	64QAM	3	0	22.03	21.95	22.06		
1.4	64QAM	3	1	22.01	21.90	22.01		
1.4	64QAM	3	3	21.90	21.97	21.82		
1.4	64QAM	6	0	20.80	20.86	20.86	22	3
1.4	256QAM	1	0	19.02	19.07	18.99	20	5
1.4	256QAM	1	3	18.96	18.90	18.88		
1.4	256QAM	1	5	19.01	19.13	18.98		
1.4	256QAM	3	0	18.78	18.84	18.93		
1.4	256QAM	3	1	18.95	18.93	18.78		
1.4	256QAM	3	3	18.82	18.95	18.82		
1.4	256QAM	6	0	18.95	18.88	18.88	20	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	20050	20175	20300		
			Frequency (MHz)	1720	1732.5	1745		
20	QPSK	1	0	24.66	24.67	24.60	25.7	0
20	QPSK	1	49	24.59	24.59	24.55		
20	QPSK	1	99	24.53	24.49	24.45		
20	QPSK	50	0	23.50	23.61	23.49	24.7	1
20	QPSK	50	24	23.57	23.52	23.48		
20	QPSK	50	50	23.51	23.54	23.47		
20	QPSK	100	0	23.54	23.57	23.49		
20	16QAM	1	0	23.87	23.81	23.88	24.7	1
20	16QAM	1	49	23.81	23.81	23.73		
20	16QAM	1	99	23.70	23.70	23.65		
20	16QAM	50	0	22.58	22.61	22.50	23.7	2
20	16QAM	50	24

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	24.82	24.86	24.83		
10	QPSK	1	25	24.72	24.84	24.74	25.7	0
10	QPSK	1	49	24.80	24.85	24.73		
10	QPSK	25	0	23.82	23.85	23.76		
10	QPSK	25	12	23.74	23.77	23.71	24.7	1
10	QPSK	25	25	23.78	23.76	23.70		
10	QPSK	50	0	23.82	23.83	23.73		
10	16QAM	1	0	23.91	23.96	23.95		
10	16QAM	1	25	23.88	23.92	23.88	24.7	1
10	16QAM	1	49	23.95	23.93	23.86		
10	16QAM	25	0	22.81	22.77	22.75		
10	16QAM	25	12	22.74	22.74	22.68	23.7	2
10	16QAM	25	25	22.76	22.76	22.69		
10	16QAM	50	0	22.80	22.78	22.72		
10	64QAM	1	0	22.86	22.92	22.92		
10	64QAM	1	25	22.83	22.87	22.86	23.7	2
10	64QAM	1	49	22.89	22.90	22.86		
10	64QAM	25	0	21.80	21.77	21.76		
10	64QAM	25	12	21.73	21.75	21.69	22.7	3
10	64QAM	25	25	21.76	21.74	21.69		
10	64QAM	50	0	21.82	21.77	21.72		
10	256QAM	1	0	20.09	20.13	20.09		
10	256QAM	1	25	20.14	20.11	20.11	20.7	5
10	256QAM	1	49	19.99	20.06	20.07		
10	256QAM	25	0	19.99	19.96	19.90		
10	256QAM	25	12	20.00	19.93	19.94	20.7	5
10	256QAM	25	25	19.96	19.95	19.91		
10	256QAM	50	0	19.91	19.98	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.72	24.77	24.73		
5	QPSK	1	12	24.64	24.81	24.69	25.7	0
5	QPSK	1	24	24.74	24.79	24.66		
5	QPSK	12	0	23.71	23.76	23.74		
5	QPSK	12	7	23.66	23.66	23.61	24.7	1
5	QPSK	12	13	23.75	23.70	23.61		
5	QPSK	25	0	23.78	23.76	23.65		
5	16QAM	1	0	23.82	23.87	23.88		
5	16QAM	1	12	23.78	23.86	23.81	24.7	1
5	16QAM	1	24	23.88	23.89	23.82		
5	16QAM	12	0	22.76	22.87	22.72		
5	16QAM	12	7	22.63	22.68	22.61	23.7	2
5	16QAM	12	13	22.68	22.69	22.60		
5	16QAM	25	0	22.70	22.71	22.66		
5	64QAM	1	0	22.82	22.82	22.84		
5	64QAM	1	12	22.81	22.78	22.75	23.7	2
5	64QAM	1	24	22.78	22.79	22.81		
5	64QAM	12	0	21.70	21.69	21.66		
5	64QAM	12	7	21.63	21.72	21.58	22.7	3
5	64QAM	12	13	21.66	21.65	21.59		
5	64QAM	25	0	21.71	21.66	21.67		
5	256QAM	1	0	20.13	20.13	20.16		
5	256QAM	1	12	20.07	20.05	20.03	20.7	5
5	256QAM	1	24	19.97	20.08	20.11		
5	256QAM	12	0	20.01	19.90	19.87		
5	256QAM	12	7	20.06	19.94	19.87	20.7	5
5	256QAM	12	13	19.96	20.02	19.95		
5	256QAM	25	0	19.96	19.96	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.72	24.80	24.77		
3	QPSK	1	8	24.62	24.73	24.68	25.7	0
3	QPSK	1	14	24.77	24.76	24.64		
3	QPSK	8	0	23.75	23.78	23.67		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.73	23.68	23.62		
3	QPSK	15	0	23.80	23.74	23.64		
3	16QAM	1	0	23.83	23.91	23.84		
3	16QAM	1	8	23.86	23.88	23.78	24.7	1
3	16QAM	1	14	23.89	23.87	23.75		
3	16QAM	8	0	22.74	22.72	22.64		
3	16QAM	8	4	22.69	22.63	22.65	23.7	2
3	16QAM	8	7	22.71	22.72	22.65		
3	16QAM	15	0	22.71	22.76	22.64		
3	64QAM	1	0	22.83	22.83	22.87		
3	64QAM	1	8	22.74	22.77	22.83	23.7	2
3	64QAM	1	14	22.78	22.79	22.82		
3	64QAM	8	0	21.70	21.75	21.72		
3	64QAM	8	4	21.69	21.68	21.58	22.7	3
3	64QAM	8	7	21.71	21.68	21.65		
3	64QAM	15	0	21.79	21.68	21.65		
3	256QAM	1	0	20.06	20.08	20.14		
3	256QAM	1	8	20.06	20.18	20.13	20.7	5
3	256QAM	1	14	19.91	19.98	20.07		
3	256QAM	8	0	20.00	20.04	19.94		
3	256QAM	8	4	19.99	19.86	19.93	20.7	5
3	256QAM	8	7	20.01	19.96	19.97		
3	256QAM	15	0	19.91	19.92	19.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.71	24.83	24.80		
1.4	QPSK	1	3	24.61	24.82	24.68		
1.4	QPSK	1	5	24.76	24.80	24.63	25.7	0
1.4	QPSK	3	0	24.75	24.82	24.74		
1.4	QPSK	3	1	24.65	24.74	24.66		
1.4	QPSK	3	3	24.76	24.77	24.66		
1.4	QPSK	6	0	23.76	23.81	23.73	24.7	1
1.4	16QAM	1	0	23.64	23.75	23.69		
1.4	16QAM	1	3	23.71	23.73	23.66		
1.4	16QAM	1	5	23.75	23.74	23.69	24.7	1
1.4	16QAM	3	0	23.83	23.91	23.86		
1.4	16QAM	3	1	23.78	23.87	23.85		
1.4	16QAM	3	3	23.86	23.87	23.75		
1.4	16QAM	6	0	22.78	22.68	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.69	22.60		
1.4	64QAM	1	3	22.70	22.71	22.60		
1.4	64QAM	1	5	22.71	22.71	22.69	23.7	2
1.4	64QAM	3	0	22.80	22.87	22.81		
1.4	64QAM	3	1	22.73	22.85	22.83		
1.4	64QAM	3	3	22.82	22.82	22.76		
1.4	64QAM	6	0	21.75	21.70	21.67	22.7	3
1.4	256QAM	1	0	20.16	20.14	20.16		
1.4	256QAM	1	3	20.11	20.16	20.10		
1.4	256QAM	1	5	19.98	20.03	20.04	20.7	5
1.4	256QAM	3	0	19.96	20.01	19.91		
1.4	256QAM	3	1	20.07	19.88	19.89		
1.4	256QAM	3	3	20.00	19.90	19.93		
1.4	256QAM	6	0	19.86	19.91	19.96	20.7	5

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.08	24.11	24.07		
10	QPSK	1	25	24.02	24.06	23.99	25.5	0
10	QPSK	1	49	24.06	24.09	23.94		
10	QPSK	25	0	23.05	23.08	23.02		
10	QPSK	25	12	23.01	23.02	22.94	24.5	1
10	QPSK	25	25	23.03	23.00	22.95		
10	QPSK	50	0	23.00	23.02	22.98		
10	16QAM	1	0	23.15	23.22	23.22		
10	16QAM	1	25	23.13	23.20	23.12	24.5	1
10	16QAM	1	49	23.18	23.18	23.11		
10	16QAM	25	0	22.03	22.02	22.00		
10	16QAM	25	12	21.98	21.99	21.93	23.5	2
10	16QAM	25	25	22.01	21.97	21.94		
10	16QAM	50	0	22.05	22.00	21.97		
10	64QAM	1	0	22.14	22.19	22.22		
10	64QAM	1	25	22.09	22.17	22.13	23.5	2
10	64QAM	1	49	22.14	22.19	22.05		
10	64QAM	25	0	21.06	21.02	20.98		
10	64QAM	25	12	20.98	21.00	20.92	22.5	3
10	64QAM	25	25	21.02	20.99	20.92		
10	64QAM	50	0	21.07	21.01	20.94		
10	256QAM	1	0	19.29	19.26	19.18		
10	256QAM	1	25	19.16	19.23	19.25	20.5	5
10	256QAM	1	49	19.27	19.21	19.21		
10	256QAM	25	0	19.10	19.11	19.12		
10	256QAM	25	12	18.99	19.06	19.03	20.5	5
10	256QAM	25	25	19.07	19.06	19.05		
10	256QAM	50	0	19.02	19.10	19.08		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.07	24.04		
5	QPSK	1	12	23.91	24.01	23.94	25.5	0
5	QPSK	1	24	24.01	24.00	23.92		
5	QPSK	12	0	22.98	23.03	22.99		
5	QPSK	12	7	22.92	22.93	22.85	24.5	1
5	QPSK	12	13	22.95	22.92	22.86		
5	QPSK	25	0	22.98	22.98	22.92		
5	16QAM	1	0	23.11	23.16	23.12		
5	16QAM	1	12	23.05	23.16	23.02	24.5	1
5	16QAM	1	24	23.08	23.15	23.01		
5	16QAM	12	0	21.98	21.91	21.93		
5	16QAM	12	7	21.92	21.92	21.85	23.5	2
5	16QAM	12	13	21.92	21.89	21.88		
5	16QAM	25	0	21.95	21.94	21.89		
5	64QAM	1	0	22.05	22.17	22.13		
5	64QAM	1	12	22.07	22.11	22.08	23.5	2
5	64QAM	1	24	22.08	22.11	22.01		
5	64QAM	12	0	21.01	20.95	20.89		
5	64QAM	12	7	20.90	20.93	20.85	22.5	3
5	64QAM	12	13	20.92	20.95	20.86		
5	64QAM	25	0	20.96	20.99	20.86		
5	256QAM	1	0	19.29	19.20	19.11		
5	256QAM	1	12	19.14	19.19	19.28	20.5	5
5	256QAM	1	24	19.30	19.27	19.19		
5	256QAM	12	0	19.08	19.05	19.10		
5	256QAM	12	7	18.97	19.12	19.02	20.5	5
5	256QAM	12	13	19.13	19.07	18.97		
5	256QAM	25	0	19.01	19.05	19.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.00	24.02	24.03		
3	QPSK	1	8	23.94	23.97	23.93	25.5	0
3	QPSK	1	14	23.98	24.07	23.92		
3	QPSK	8	0	23.02	23.05	22.97		
3	QPSK	8	4	22.95	22.95	22.88	24.5	1
3	QPSK	8	7	22.95	22.89	22.85		
3	QPSK	15	0	22.89	22.94	22.91		
3	16QAM	1	0	23.13	23.17	23.18		
3	16QAM	1	8	23.03	23.16	23.01	24.5	1
3	16QAM	1	14	23.14	23.12	23.09		
3	16QAM	8	0	21.93	21.98	21.90		
3	16QAM	8	4	21.92	21.90	21.88	23.5	2
3	16QAM	8	7	21.93	21.93	21.87		
3	16QAM	15	0	22.01	21.93	21.95		
3	64QAM	1	0	22.04	22.11	22.16		
3	64QAM	1	8	22.04	22.13	22.06	23.5	2
3	64QAM	1	14	22.11	22.12	21.98		
3	64QAM	8	0	21.03	20.96	20.96		
3	64QAM	8	4	20.87	20.95	20.84	22.5	3
3	64QAM	8	7	20.95	20.94	20.85		
3	64QAM	15	0	21.01	20.93	20.83		
3	256QAM	1	0	19.27	19.31	19.22		
3	256QAM	1	8	19.22	19.30	19.25	20.5	5
3	256QAM	1	14	19.33	19.22	19.22		
3	256QAM	8	0	19.08	19.17	19.08		
3	256QAM	8	4	18.99	19.12	19.06	20.5	5
3	256QAM	8	7	19.08	19.11	19.01		
3	256QAM	15	0	19.05	19.09	19.06		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.00	24.04	24.04		
1.4	QPSK	1	3	23.93	23.97	23.90		
1.4	QPSK	1	5	23.99	24.02	23.84	25.5	0
1.4	QPSK	3	0	24.02	24.03	23.96		
1.4	QPSK	3	1	23.94	23.95	23.96		
1.4	QPSK	3	3	23.99	24.00	23.83		
1.4	QPSK	6	0	23.02	23.06	22.92	24.5	1
1.4	16QAM	1	0	22.92	22.93	22.91		
1.4	16QAM	1	3	22.96	22.89	22.91		
1.4	16QAM	1	5	22.98	22.96	22.92	24.5	1
1.4	16QAM	3	0	23.04	23.16	23.17		
1.4	16QAM	3	1	23.02	23.14	23.01		
1.4	16QAM	3	3	23.09	23.11	23.02		
1.4	16QAM	6	0	21.97	21.94	21.95	23.5	2
1.4	64QAM	1	0	21.88	21.89	21.84		
1.4	64QAM	1	3	21.94	21.87	21.92	23.5	2
1.4	64QAM	1	5	22.01	21.89	21.88		
1.4	64QAM	3	0	22.04	22.17	22.11		
1.4	64QAM	3	1	21.99	22.12	22.02		
1.4	64QAM	3	3	22.04	22.11	21.99		
1.4	64QAM	6	0	20.97	20.95	20.88	22.5	3
1.4	256QAM	1	0	19.34	19.21	19.12		
1.4	256QAM	1	3	19.17	19.20	19.17		
1.4	256QAM	1	5	19.25	19.20	19.26	20.5	5
1.4	256QAM	3	0	19.04	19.08	19.14		
1.4	256QAM	3	1	18.98	19.05	18.95		
1.4	256QAM	3	3	19.11	18.98	19.07		
1.4	256QAM	6	0	19.06	19.04	19.11	20.5	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	25.22	25.26	25.16		
20	QPSK	1	49	25.12	25.21	25.09	25.7	0
20	QPSK	1	99	25.20	25.22	25.11		
20	QPSK	50	0	24.18	24.21	24.15		
20	QPSK	50	24	24.17	24.18	24.05	24.7	1
20	QPSK	50	50	24.14	24.20	24.09		
20	QPSK	100	0	24.20	24.21	24.06		
20	16QAM	1	0	24.35	24.30	24.18		
20	16QAM	1	49	24.32	24.37	24.24	24.7	1
20	16QAM	1	99	24.40	24.37	24.21		
20	16QAM	50	0	23.15	23.21	23.09		
20	16QAM	50	24	23.16	23.17	23.04	23.7	2
20	16QAM	50	50	23.22	23.19	23.07		
20	16QAM	100	0	23.18	23.18	23.04		
20	64QAM	1	0	23.31	23.29	23.14		
20	64QAM	1	49	23.28	23.27	23.20	23.7	2
20	64QAM	1	99	23.36	23.33	23.16		
20	64QAM	50	0	22.16	22.20	22.08		
20	64QAM	50	24	22.18	22.15	22.04	22.7	3
20	64QAM	50	50	22.23	22.21	22.08		
20	64QAM	100	0	22.20	22.20	22.06		
20	256QAM	1	0	20.05	20.04	20.02		
20	256QAM	1	49	20.03	20.01	19.97	20.7	5
20	256QAM	1	99	19.97	19.98	19.97		
20	256QAM	50	0	19.95	19.96	20.04		
20	256QAM	50	24	19.93	19.93	19.94	20.7	5
20	256QAM	50	50	19.94	19.92	19.91		
20	256QAM	100	0	19.98	19.90	19.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	25.17	25.15	25.08		
15	QPSK	1	37	25.02	25.12	25.00	25.7	0
15	QPSK	1	74	25.09	25.11	25.05		
15	QPSK	36	0	24.11	24.17	24.13		
15	QPSK	36	20	24.09	24.09	24.03	24.7	1
15	QPSK	36	39	24.05	24.09	24.04		
15	QPSK	75	0	24.14	24.16	24.03		
15	16QAM	1	0	24.27	24.22	24.11		
15	16QAM	1	37	24.27	24.30	24.20	24.7	1
15	16QAM	1	74	24.31	24.29	24.16		
15	16QAM	36	0	23.05	23.11	23.04		
15	16QAM	36	20	23.13	23.11	22.97	23.7	2
15	16QAM	36	39	23.15	23.11	22.98		
15	16QAM	75	0	23.08	23.13	22.93		
15	64QAM	1	0	23.25	23.20	23.07		
15	64QAM	1	37	23.24	23.16	23.11	23.7	2
15	64QAM	1	74	23.28	23.31	23.14		
15	64QAM	36	0	22.12	22.18	22.05		
15	64QAM	36	20	22.16	22.12	21.98	22.7	3
15	64QAM	36	39	22.16	22.12	21.97		
15	64QAM	75	0	22.17	22.18	22.04		
15	256QAM	1	0	20.08	20.08	20.06		
15	256QAM	1	37	20.04	20.09	19.93	20.7	5
15	256QAM	1	74	19.96	20.03	19.89		
15	256QAM	36	0	19.95	19.90	19.96		
15	256QAM	36	20	19.88	19.94	20.00	20.7	5
15	256QAM	36	39	19.91	19.94	19.90		
15	256QAM	75	0	20.04	19.93	19.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	25.18	25.19	25.12		
10	QPSK	1	25	25.01	25.13	25.05	25.7	0
10	QPSK	1	49	25.12	25.11	25.05		
10	QPSK	25	0	24.16	24.11	24.10		
10	QPSK	25	12	24.08	24.10	24.02	24.7	1
10	QPSK	25	25	24.11	24.12	24.04		
10	QPSK	50	0	24.17	24.14	23.97		
10	16QAM	1	0	24.25	24.28	24.11		
10	16QAM	1	25	24.24	24.32	24.15	24.7	1
10	16QAM	1	49	24.33	24.32	24.18		
10	16QAM	25	0	23.10	23.13	23.03		
10	16QAM	25	12	23.07	23.14	22.93	23.7	2
10	16QAM	25	25	23.20	23.16	22.99		
10	16QAM	50	0	23.16	23.14	23.02		
10	64QAM	1	0	23.23	23.19	23.08		
10	64QAM	1	25	23.22	23.21	23.17	23.7	2
10	64QAM	1	49	23.26	23.27	23.11		
10	64QAM	25	0	22.06	22.15	22.05		
10	64QAM	25	12	22.07	22.10	21.94	22.7	3
10	64QAM	25	25	22.20	22.15	22.01		
10	64QAM	50	0	22.15	22.12	22.02		
10	256QAM	1	0	20.01	20.02	20.05		
10	256QAM	1	25	19.96	19.96	19.89	20.7	5
10	256QAM	1	49	19.92	20.03	19.99		
10	256QAM	25	0	20.03	20.03	20.10		
10	256QAM	25	12	19.89	19.97	19.99	20.7	5
10	256QAM	25	25	19.86	19.96	19.89		
10	256QAM	50	0	19.93	19.95	19.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	25.17	25.20	25.11		
5	QPSK	1	12	25.09	25.10	25.00	25.7	0
5	QPSK	1	24	25.12	25.16	25.02		
5	QPSK	12	0	24.08	24.05	24.06		
5	QPSK	12	7	24.06	24.07	23.98	24.7	1
5	QPSK	12	13	24.11	24.15	24.06		
5	QPSK	25	0	24.09	24.19	23.97		
5	16QAM	1	0	24.29	24.26	24.07		
5	16QAM	1	12	24.30	24.31	24.13	24.7	1
5	16QAM	1	24	24.37	24.28	24.17		
5	16QAM	12	0	23.13	23.10	22.98		
5	16QAM	12	7	23.08	23.15	23.02	23.7	2
5	16QAM	12	13	23.11	23.13	23.02		
5	16QAM	25	0	23.16	23.11	22.94		
5	64QAM	1	0	23.23	23.26	23.04		
5	64QAM	1	12	23.23	23.20	23.18	23.7	2
5	64QAM	1	24	23.31	23.28	23.06		
5	64QAM	12	0	22.11	22.14	22.00		
5	64QAM	12	7	22.07	22.07	22.00	22.7	3
5	64QAM	12	13	22.17	22.16	21.98		
5	64QAM	25	0	22.12	22.18	21.95		
5	256QAM	1	0	19.99	20.05	19.97		
5	256QAM	1	12	20.01	19.93	19.96	20.7	5
5	256QAM	1	24	19.90	20.04	20.02		
5	256QAM	12	0	19.96	19.91	20.08		
5	256QAM	12	7	19.85	19.97	20.01	20.7	5
5	256QAM	12	13	19.98	19.89	19.84		
5	256QAM	25	0	20.04	19.88	19.94		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.93	23.95	23.75		
20	QPSK	1	49	23.85	23.84	23.67	25	0
20	QPSK	1	99	23.91	23.88	23.66		
20	QPSK	50	0	22.93	22.95	22.69		
20	QPSK	50	24	22.90	22.83	22.63	24	1
20	QPSK	50	50	22.91	22.87	22.67		
20	QPSK	100	0	22.91	22.92	22.67		
20	16QAM	1	0	23.08	23.03	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.78	24.80	24.75	25.7	0
20	QPSK	1	49	24.63	24.69	24.74		
20	QPSK	1	99	24.75	24.77	24.74		
20	QPSK	50	0	23.75	23.78	23.73	24.7	1
20	QPSK	50	24	23.66	23.69	23.72		
20	QPSK	50	50	23.71	23.75	23.70		
20	QPSK	100	0	23.68	23.76	23.75		
20	16QAM	1	0	23.81	23.80	23.80	24.7	1
20	16QAM	1	49	23.78	23.88	23.89		
20	16QAM	1	99	23.91	23.98	23.82		
20	16QAM	50	0	22.62	22.68	22.73	23.7	2
20	16QAM	50	24	22.65	22.67	22.71		
20	16QAM	50	50	22.71	22.74	22.76		
20	16QAM	100	0	22.66	22.69	22.71		
20	64QAM	1	0	22.77	22.82	22.73	23.7	2
20	64QAM	1	49	22.74	22.83	22.83		
20	64QAM	1	99	22.90	22.84	22.87		
20	64QAM	50	0	21.63	21.68	21.74	22.7	3
20	64QAM	50	24	21.67	21.68	21.70		
20	64QAM	50	50	21.72	21.74	21.76		
20	64QAM	100	0	21.67	21.69	21.72		
20	256QAM	1	0	19.72	19.74	19.73	20.7	5
20	256QAM	1	49	19.60	19.57	19.58		
20	256QAM	1	99	19.54	19.52	19.48		
20	256QAM	50	0	19.49	19.53	19.47	20.7	5
20	256QAM	50	24	19.38	19.46	19.54		
20	256QAM	50	50	19.43	19.43	19.44		
20	256QAM	100	0	19.41	19.48	19.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.69	24.77	24.72	25.7	0
15	QPSK	1	37	24.60	24.62	24.72		
15	QPSK	1	74	24.72	24.70	24.66		
15	QPSK	36	0	23.69	23.74	23.71	24.7	1
15	QPSK	36	20	23.63	23.67	23.69		
15	QPSK	36	39	23.69	23.69	23.67		
15	QPSK	75	0	23.57	23.66	23.70		
15	16QAM	1	0	23.75	23.73	23.75	24.7	1
15	16QAM	1	37	23.73	23.79	23.81		
15	16QAM	1	74	23.80	23.89	23.74		
15	16QAM	36	0	22.51	22.57	22.66	23.7	2
15	16QAM	36	20	22.60	22.57	22.69		
15	16QAM	36	39	22.68	22.63	22.70		
15	16QAM	75	0	22.64	22.59	22.66		
15	64QAM	1	0	22.67	22.80	22.69	23.7	2
15	64QAM	1	37	22.68	22.76	22.72		
15	64QAM	1	74	22.85	22.81	22.76		
15	64QAM	36	0	21.56	21.66	21.63	22.7	3
15	64QAM	36	20	21.59	21.62	21.63		
15	64QAM	36	39	21.67	21.72	21.74		
15	64QAM	75	0	21.64	21.58	21.67		
15	256QAM	1	0	19.77	19.69	19.74	20.7	5
15	256QAM	1	37	19.57	19.57	19.60		
15	256QAM	1	74	19.60	19.59	19.51		
15	256QAM	36	0	19.46	19.61	19.44	20.7	5
15	256QAM	36	20	19.41	19.45	19.59		
15	256QAM	36	39	19.48	19.47	19.37		
15	256QAM	75	0	19.34	19.42	19.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.74	24.74	24.67	25.7	0
10	QPSK	1	25	24.59	24.60	24.67		
10	QPSK	1	49	24.71	24.68	24.68		
10	QPSK	25	0	23.69	23.75	23.65	24.7	1
10	QPSK	25	12	23.59	23.67	23.62		
10	QPSK	25	25	23.66	23.67	23.68		
10	QPSK	50	0	23.57	23.70	23.69		
10	16QAM	1	0	23.74	23.75	23.72	24.7	1
10	16QAM	1	25	23.67	23.80	23.85		
10	16QAM	1	49	23.83	23.94	23.80		
10	16QAM	25	0	22.53	22.60	22.62	23.7	2
10	16QAM	25	12	22.62	22.64	22.63		
10	16QAM	25	25	22.60	22.71	22.66		
10	16QAM	50	0	22.57	22.66	22.60		
10	64QAM	1	0	22.73	22.73	22.62	23.7	2
10	64QAM	1	25	22.70	22.73	22.80		
10	64QAM	1	49	22.81	22.77	22.84		
10	64QAM	25	0	21.55	21.57	21.66	22.7	3
10	64QAM	25	12	21.65	21.58	21.65		
10	64QAM	25	25	21.68	21.65	21.66		
10	64QAM	50	0	21.63	21.65	21.61		
10	256QAM	1	0	19.79	19.79	19.77	20.7	5
10	256QAM	1	25	19.54	19.62	19.50		
10	256QAM	1	49	19.46	19.48	19.42		
10	256QAM	25	0	19.53	19.48	19.42	20.7	5
10	256QAM	25	12	19.35	19.47	19.51		
10	256QAM	25	25	19.38	19.35	19.51		
10	256QAM	50	0	19.37	19.55	19.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.70	24.74	24.64	25.7	0
5	QPSK	1	12	24.59	24.65	24.70		
5	QPSK	1	24	24.67	24.70	24.63		
5	QPSK	12	0	23.69	23.75	23.70	24.7	1
5	QPSK	12	7	23.55	23.62	23.63		
5	QPSK	12	13	23.69	23.69	23.61		
5	QPSK	25	0	23.66	23.72	23.71		
5	16QAM	1	0	23.72	23.69	23.71	24.7	1
5	16QAM	1	12	23.67	23.86	23.86		
5	16QAM	1	24	23.84	23.95	23.72		
5	16QAM	12	0	22.55	22.60	22.63	23.7	2
5	16QAM	12	7	22.55	22.59	22.62		
5	16QAM	12	13	22.63	22.65	22.66		
5	16QAM	25	0	22.60	22.60	22.66		
5	64QAM	1	0	22.75	22.78	22.63	23.7	2
5	64QAM	1	12	22.63	22.81	22.80		
5	64QAM	1	24	22.86	22.81	22.77		
5	64QAM	12	0	21.56	21.63	21.70	22.7	3
5	64QAM	12	7	21.63	21.60	21.64		
5	64QAM	12	13	21.66	21.68	21.72		
5	64QAM	25	0	21.62	21.64	21.65		
5	256QAM	1	0	19.67	19.82	19.67	20.7	5
5	256QAM	1	12	19.59	19.53	19.64		
5	256QAM	1	24	19.46	19.52	19.50		
5	256QAM	12	0	19.57	19.49	19.48	20.7	5
5	256QAM	12	7	19.34	19.39	19.56		
5	256QAM	12	13	19.40	19.47	19.50		
5	256QAM	25	0	19.39	19.50	19.52		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.36	24.38	24.18	25.5	0
20	QPSK	1	49	24.29	24.27	24.09		
20	QPSK	1	99	24.33	24.27	24.13		
20	QPSK	50	0	23.32	23.35	23.13	24.5	1
20	QPSK	50	24	23.30	23.24	23.06		
20	QPSK	50	50	23.31	23.29	23.12		
20	QPSK	100	0	23.32	23.33	23.10		
20	16QAM	1	0	23.56	23.42	23.27	24.5	1
20	16QAM	1	49	23.44	23.45	23.25		
20	16QAM	1	99	23.52	23.45	23.14		
20	16QAM	50	0	22.31	22.25	22.12	23.5	2
20	16QAM	50	24	22.31	22.22	22.04		
20	16QAM	50	50	22.34	22.26	22.10		
20	16QAM	100	0	22.31	22.24	22.08		
20	64QAM	1	0	22.48	22.36	22.18	23.5	2
20	64QAM	1	49	22.42	22.34	22.21		
20	64QAM	1	99	22.46	22.36	22.19		
20	64QAM	50	0	21.31	21.27	21.14	22.5	3
20	64QAM	50	24	21.34	21.22	21.04		
20	64QAM	50	50	21.36	21.26	21.11		
20	64QAM	100	0	21.33	21.25	21.09		
20	256QAM	1	0	19.12	19.20	19.28	20.5	5
20	256QAM	1	49	19.10	19.15	19.18		
20	256QAM	1	99	19.13	19.11	19.17		
20	256QAM	50	0	19.13	19.08	19.03	20.5	5
20	256QAM	50	24	18.98	19.05	18.97		
20	256QAM	50	50	19.01	19.02	18.99		
20	256QAM	100	0	18.98	19.03	19.05		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.32	24.12	25.5	0
15	QPSK	1	37	24.25	24.24	24.01		
15	QPSK	1	74	24.25	24.25	24.07		
15	QPSK	36	0	23.24	23.32	23.06	24.5	1
15	QPSK	36	20	23.23	23.17	22.99		
15	QPSK	36	39	23.21	23.26	23.09		
15	QPSK	75	0	23.22	23.23	23.07		
15	16QAM	1	0	23.52	23.31	23.20	24.5	1
15	16QAM	1	37	23.35	23.38	23.14		
15	16QAM	1	74	23.46	23.41	23.05		
15	16QAM	36	0	22.27	22.14	22.03	23.5	2
15	16QAM	36	20	22.20	22.16	21.94		
15	16QAM	36	39	22.30	22.20	22.01		
15	16QAM	75	0	22.27	22.15	22.00		
15	64QAM	1	0	22.45	22.34	22.10	23.5	2
15	64QAM	1	37	22.39	22.26	22.19		
15	64QAM	1	74	22.37	22.32	22.09		
15	64QAM	36	0	21.28	21.24	21.08	22.5	3
15	64QAM	36	20	21.32	21.19	20.94		
15	64QAM	36	39	21.27	21.17	21.01		
15	64QAM	75	0	21.28	21.17	21.00		
15	256QAM	1	0	19.16	19.20	19.24	20.5	5
15	256QAM	1	37	19.06	19.23	19.12		
15	256QAM	1	74	19.07	19.12	19.18		
15	256QAM	36	0	19.20	19.12	19.00	20.5	5
15	256QAM	36	20	18.95	19.05	19.02		
15	256QAM	36	39	19.04	19.03	18.93		
15	256QAM	75	0	18.94	18.97	19.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.25	24.29	24.07	25.5	0
10	QPSK	1	25	24.21	24.16	23.99		
10	QPSK	1	49	24.22	24.16	24.05		
10	QPSK	25	0	23.30	23.27	23.08	24.5	1
10	QPSK	25	12	23.23	23.22	22.96		
10	QPSK	25	25	23.23	23.27	23.04		
10	QPSK	50	0	23.23	23.24	23.02		
10	16QAM	1	0	23.52	23.38	23.19	24.5	1
10	16QAM	1	25	23.38	23.40	23.18		
10	16QAM	1	49	23.41	23.35	23.12		
10	16QAM	25	0	22.26	22.18	22.04	23.5	2
10	16QAM	25	12	22.28	22.12	22.02		
10	16QAM	25	25	22.25	22.23	22.03		
10	16QAM	50	0	22.28	22.14	21.99		
10	64QAM	1	0	22.43	22.31	22.12	23.5	2
10	64QAM	1	25	22.37	22.25	22.12		
10	64QAM	1	49	22.41	22.32	22.15		
10	64QAM	25	0	21.29	21.18	21.09	22.5	3
10	64QAM	25	12	21.28	21.14	20.99		
10	64QAM	25	25	21.33	21.18	21.09		
10	64QAM	50	0	21.26	21.18	20.98		
10	256QAM	1	0	19.13	19.14	19.20	20.5	5
10	256QAM	1	25	19.17	19.16	19.17		
10	256QAM	1	49	19.08	19.04	19.16		
10	256QAM	25	0	19.15	19.15	19.07	20.5	5
10	256QAM	25	12	19.02	18.97	18.92		
10	256QAM	25	25	19.04	19.10	19.05		
10	256QAM	50	0	19.00	19.00	19.11		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.32	24.30	24.11	25.5	0
5	QPSK	1	12	24.18	24.21	23.99		
5	QPSK	1	24	24.26	24.25	24.08		
5	QPSK	12	0	23.26	23.30	23.04	24.5	1
5	QPSK	12	7	23.25	23.18	23.02		
5	QPSK	12	13	23.20	23.22	23.07		
5	QPSK	25	0	23.21	23.28	23.05		
5	16QAM	1	0	23.47	23.35	23.19	24.5	1
5	16QAM	1	12	23.38	23.36	23.21		
5	16QAM	1	24	23.45	23.35	23.07		
5	16QAM	12	0	22.25	22.14	22.07	23.5	2
5	16QAM	12	7	22.20	22.12	22.02		
5	16QAM	12	13	22.32	22.22	22.08		
5	16QAM	25	0	22.27	22.21	22.00		
5	64QAM	1	0	22.41	22.31	22.11	23.5	2
5	64QAM	1	12	22.35	22.32	22.13		
5	64QAM	1	24	22.41	22.27	22.08		
5	64QAM	12	0	21.21	21.21	21.10	22.5	3
5	64QAM	12	7	21.25	21.18	20.96		
5	64QAM	12	13	21.30	21.20	21.02		
5	64QAM	25	0	21.28	21.22	21.07		
5	256QAM	1	0	19.05	19.18	19.23	20.5	5
5	256QAM	1	12	19.07	19.17	19.12		
5	256QAM	1	24	19.10	19.14	19.21		
5	256QAM	12	0	19.17	19.16	18.96	20.5	5
5	256QAM	12	7	19.06	18.98	19.01		
5	256QAM	12	13	18.95	19.07	19.02		
5	256QAM	25	0	19.01	19.05	19.02		

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	24.48	24.51	24.48	25.5	0
10	QPSK	1	25	24.41	24.42	24.35		
10	QPSK	1	49	24.47	24.47	24.45		
10	QPSK	25	0	23.38	23.42	23.35	24.5	1
10	QPSK	25	12	23.37	23.35	23.33		
10	QPSK	25	25	23.35	23.40	23.33		
10	QPSK	50	0	23.35	23.39	23.35		
10	16QAM	1	0	23.48	23.54	23.55	24.5	1
10	16QAM	1	25	23.49	23.51	23.46		
10	16QAM	1	49	23.57	23.54	23.55		
10	16QAM	25	0	22.32	22.41	22.32	23.5	2
10	16QAM	25	12	22.37	22.32	22.31		
10	16QAM	25	25	22.38	22.38	22.38		
10	16QAM	50	0	22.33	22.38	22.34		
10	64QAM	1	0	22.47	22.52	22.48	23.5	2
10	64QAM	1	25	22.50	22.53	22.47		
10	64QAM	1	49	22.54	22.55	22.53		
10	64QAM	25	0	21.27	21.37	21.35	22.5	3
10	64QAM	25	12	21.34	21.35	21.32		
10	64QAM	25	25	21.35	21.38	21.33		
10	64QAM	50	0	21.32	21.39	21.34		
10	256QAM	1	0	19.87	19.80	19.79	20.5	5
10	256QAM	1	25	19.67	19.70	19.63		
10	256QAM	1	49	19.57	19.63	19.60		
10	256QAM	25	0	19.75	19.67	19.60	20.5	5
10	256QAM	25	12	19.67	19.59	19.58		
10	256QAM	25	25	19.62	19.56	19.50		
10	256QAM	50	0	19.70	19.64	19.59		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.46	24.44	24.38	25.5	0
5	QPSK	1	12	24.32	24.31	24.33		
5	QPSK	1	24	24.42	24.44	24.42		
5	QPSK	12	0	23.34	23.33	23.27	24.5	1
5	QPSK	12	7	23.32	23.27	23.22		
5	QPSK	12	13	23.30	23.33	23.26		
5	QPSK	25	0	23.25	23.32	23.25		
5	16QAM	1	0	23.40	23.50	23.51	24.5	1
5	16QAM	1	12	23.43	23.40	23.43		
5	16QAM	1	24	23.46	23.52	23.47		
5	16QAM	12	0	22.26	22.37	22.28	23.5	2
5	16QAM	12	7	22.29	22.27	22.28		
5	16QAM	12	13	22.34	22.28	22.36		
5	16QAM	25	0	22.25	22.30	22.23		
5	64QAM	1	0	22.41	22.43	22.44	23.5	2
5	64QAM	1	12	22.46	22.44	22.45		
5	64QAM	1	24	22.48	22.52	22.49		
5	64QAM	12	0	21.23	21.34	21.25	22.5	3
5	64QAM	12	7	21.32	21.29	21.27		
5	64QAM	12	13	21.30	21.35	21.24		
5	64QAM	25	0	21.23	21.32	21.27		
5	256QAM	1	0	19.83	19.79	19.78	20.5	5
5	256QAM	1	12	19.60	19.77	19.61		
5	256QAM	1	24	19.52	19.71	19.58		
5	256QAM	12	0	19.82	19.66	19.66	20.5	5
5	256QAM	12	7	19.72	19.59	19.53		
5	256QAM	12	13	19.65	19.55	19.58		
5	256QAM	25	0	19.72	19.69	19.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.45	24.43	24.44	25.5	0
3	QPSK	1	8	24.34	24.39	24.33		
3	QPSK	1	14	24.43	24.43	24.36		
3	QPSK	8	0	23.31	23.36	23.24	24.5	1
3	QPSK	8	4	23.28	23.24	23.28		
3	QPSK	8	7	23.30	23.30	23.22		
3	QPSK	15	0	23.24	23.34	23.24		
3	16QAM	1	0	23.39	23.47	23.51	24.5	1
3	16QAM	1	8	23.43	23.45	23.37		
3	16QAM	1	14	23.53	23.49	23.47		
3	16QAM	8	0	22.25	22.38	22.29	23.5	2
3	16QAM	8	4	22.35	22.22	22.20		
3	16QAM	8	7	22.34	22.30	22.27		
3	16QAM	15	0	22.22	22.30	22.29		
3	64QAM	1	0	22.42	22.43	22.40	23.5	2
3	64QAM	1	8	22.46	22.43	22.37		
3	64QAM	1	14	22.47	22.47	22.43		
3	64QAM	8	0	21.20	21.29	21.31	22.5	3
3	64QAM	8	4	21.31	21.27	21.24		
3	64QAM	8	7	21.30	21.32	21.23		
3	64QAM	15	0	21.29	21.35	21.29		
3	256QAM	1	0	19.89	19.80	19.79	20.5	5
3	256QAM	1	8	19.72	19.64	19.58		
3	256QAM	1	14	19.58	19.55	19.63		
3	256QAM	8	0	19.83	19.67	19.67	20.5	5
3	256QAM	8	4	19.75	19.57	19.59		
3	256QAM	8	7	19.61	19.51	19.55		
3	256QAM	15	0	19.68	19.57	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.37	24.49	24.46	25.5	0
1.4	QPSK	1	3	24.34	24.35	24.26		
1.4	QPSK	1	5	24.43	24.40	24.42		
1.4	QPSK	3	0	24.46	24.42	24.45		
1.4	QPSK	3	1	24.37	24.35	24.32		
1.4	QPSK	3	3	24.43	24.43	24.40		
1.4	QPSK	6	0	23.35	23.34	23.33	24.5	1
1.4	16QAM	1	0	23.29	23.30	23.23	24.5	1
1.4	16QAM	1	3	23.26	23.30	23.31		
1.4	16QAM	1	5	23.33	23.31	23.24		
1.4	16QAM	3	0	23.37	23.51	23.52		
1.4	16QAM	3	1	23.46	23.46	23.44		
1.4	16QAM	3	3	23.48	23.51	23.46		
1.4	16QAM	6	0	22.24	22.31	22.23	23.5	2
1.4	64QAM	1	0	22.35	22.30	22.29	23.5	2
1.4	64QAM	1	3	22.34	22.31	22.35		
1.4	64QAM	1	5	22.24	22.34	22.23		
1.4	64QAM	3	0	22.40	22.45	22.40		
1.4	64QAM	3	1	22.48	22.47	22.44		
1.4	64QAM	3	3	22.44	22.50	22.49		
1.4	64QAM	6	0	21.24	21.27	21.26	22.5	3
1.4	256QAM	1	0	19.79	19.77	19.71	20.5	5
1.4	256QAM	1	3	19.68	19.73	19.67		
1.4	256QAM	1	5	19.55	19.58	19.60		
1.4	256QAM	3	0	19.81	19.72	19.54		
1.4	256QAM	3	1	19.59	19.63	19.54		
1.4	256QAM	3	3	19.57	19.60	19.42		
1.4	256QAM	6	0	19.65	19.71	19.63	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.91	23.94	23.90	25.5	0
10	QPSK	1	25	23.89	23.84	23.79		
10	QPSK	1	49	23.88	23.93	23.89		
10	QPSK	25	0	22.86	23.00	22.84	24.5	1
10	QPSK	25	12	22.84	22.79	22.74		
10	QPSK	25	25	22.84	22.84	22.80		
10	QPSK	50	0	22.82	22.95	22.77		
10	16QAM	1	0	22.97	23.03	23.02	24.5	1
10	16QAM	1	25	22.97	22.94	22.93		
10	16QAM	1	49	23.05	23.00	23.04		
10	16QAM	25	0	21.80	21.88	21.74	23.5	2
10	16QAM	25	12	21.85	21.76	21.73		
10	16QAM	25	25	21.83	21.84	21.78		
10	16QAM	50	0	21.80	21.84	21.76		
10	64QAM	1	0	21.96	21.95	21.99	23.5	2
10	64QAM	1	25	21.94	21.95	21.83		
10	64QAM	1	49	21.96	21.99	22.01		
10	64QAM	25	0	20.74	20.82	20.77	22.5	3
10	64QAM	25	12	20.81	20.80	20.76		
10	64QAM	25	25	20.83	20.83	20.74		
10	64QAM	50	0	20.80	20.85	20.75		
10	256QAM	1	0	19.23	19.23	19.19	20.5	5
10	256QAM	1	25	19.08	19.12	19.08		
10	256QAM	1	49	19.12	19.08	19.15		
10	256QAM	25	0	19.12	19.07	19.03	20.5	5
10	256QAM	25	12	18.98	19.02	19.01		
10	256QAM	25	25	18.94	18.98	18.90		
10	256QAM	50	0	19.04	19.04	18.98		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.86	23.87	23.80	25.5	0
5	QPSK	1	12	23.79	23.75	23.71		
5	QPSK	1	24	23.80	23.86	23.87		
5	QPSK	12	0	22.82	22.84	22.80	24.5	1
5	QPSK	12	7	22.74	22.75	22.63		
5	QPSK	12	13	22.76	22.82	22.78		
5	QPSK	25	0	22.79	22.80	22.72		
5	16QAM	1	0	22.90	22.96	22.98	24.5	1
5	16QAM	1	12	22.89	22.87	22.88		
5	16QAM	1	24	23.01	22.94	22.98		
5	16QAM	12	0	21.71	21.82	21.67	23.5	2
5	16QAM	12	7	21.77	21.70	21.65		
5	16QAM	12	13	21.77	21.73	21.73		
5	16QAM	25	0	21.76	21.74	21.65		
5	64QAM	1	0	21.90	21.85	21.88	23.5	2
5	64QAM	1	12	21.86	21.89	21.78		
5	64QAM	1	24	21.91	21.96	21.91		
5	64QAM	12	0	20.72	20.79	20.68	22.5	3
5	64QAM	12	7	20.79	20.69	20.65		
5	64QAM	12	13	20.73	20.73	20.63		
5	64QAM	25	0	20.71	20.81	20.67		
5	256QAM	1	0	19.29	19.21	19.17	20.5	5
5	256QAM	1	12	19.08	19.20	19.04		
5	256QAM	1	24	19.12	19.01	19.11		
5	256QAM	12	0	19.20	19.10	19.00	20.5	5
5	256QAM	12	7	19.05	18.97	18.99		
5	256QAM	12	13	18.86	19.02	18.91		
5	256QAM	25	0	19.03	19.10	18.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.80	23.83	23.79	25.5	0
3	QPSK	1	8	23.86	23.73	23.72		
3	QPSK	1	14	23.84	23.83	23.87		
3	QPSK	8	0	22.78	22.79	22.80	24.5	1
3	QPSK	8	4	22.77	22.75	22.70		
3	QPSK	8	7	22.79	22.81	22.76		
3	QPSK	15	0	22.79	22.81	22.71		
3	16QAM	1	0	22.86	22.94	22.92	24.5	1
3	16QAM	1	8	22.86	22.89	22.85		
3	16QAM	1	14	22.98	22.91	22.98		
3	16QAM	8	0	21.70	21.85	21.65	23.5	2
3	16QAM	8	4	21.82	21.74	21.71		
3	16QAM	8	7	21.79	21.76	21.74		
3	16QAM	15	0	21.70	21.73	21.72		
3	64QAM	1	0	21.90	21.85	21.93	23.5	2
3	64QAM	1	8	21.86	21.92	21.74		
3	64QAM	1	14	21.91	21.92	21.97		
3	64QAM	8	0	20.68	20.71	20.72	22.5	3
3	64QAM	8	4	20.77	20.75	20.71		
3	64QAM	8	7	20.77	20.76	20.63		
3	64QAM	15	0	20.78	20.74	20.69		
3	256QAM	1	0	19.17	19.16	19.26	20.5	5
3	256QAM	1	8	19.03	19.15	19.14		
3	256QAM	1	14	19.04	19.15	19.18		
3	256QAM	8	0	19.13	19.01	19.03	20.5	5
3	256QAM	8	4	19.03	18.96	18.98		
3	256QAM	8	7	18.86	18.96	18.97		
3	256QAM	15	0	19.01	19.06	18.93		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.89	23.87	23.81	25.5	0
1.4	QPSK	1	3	23.87	23.81	23.74		
1.4	QPSK	1	5	23.85	23.91	23.87		
1.4	QPSK	3	0	23.84	23.88	23.86		
1.4	QPSK	3	1	23.82	23.77	23.77		
1.4	QPSK	3	3	23.83	23.82	23.87		
1.4	QPSK	6	0	22.78	22.87	22.73	24.5	1
1.4	16QAM	1	0	22.74	22.70	22.71	24.5	1
1.4	16QAM	1	3	22.81	22.73	22.70		
1.4	16QAM	1	5	22.73	22.76	22.70		
1.4	16QAM	3	0	22.91	22.93	22.98		
1.4	16QAM	3	1	22.94	22.85	22.84		
1.4	16QAM	3	3	23.01	22.92	22.93		
1.4	16QAM	6	0	21.77	21.86	21.65	23.5	2
1.4	64QAM	1	0	21.74	21.72	21.64	23.5	2
1.4	64QAM	1	3	21.78	21.79	21.76		
1.4	64QAM	1	5	21.75	21.73	21.65		
1.4	64QAM	3	0	21.89	21.86	21.94		
1.4	64QAM	3	1	21.92	21.92	21.77		
1.4	64QAM	3	3	21.88	21.89	21.94		
1.4	64QAM	6	0	20.72	20.75	20.66	22.5	3
1.4	256QAM	1	0	19.30	19.29	19.21	20.5	5
1.4	256QAM	1	3	19.00	19.10	19.09		
1.4	256QAM	1	5	19.13	19.06	19.21		
1.4	256QAM	3	0	19.19	19.12	19.11		
1.4	256QAM	3	1	18.92	19.05	18.96		
1.4	256QAM	3	3	18.89	18.93	18.93		
1.4	256QAM	6	0	19.12	19.07	18.90	20.5	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		25.09			
10	QPSK	1	25		25.05		25.7	0
10	QPSK	1	49		24.77			
10	QPSK	25	0		24.00			
10	QPSK	25	12		23.98		24.7	1
10	QPSK	25	25		23.94			
10	QPSK	50	0		23.96			
10	16QAM	1	0		24.30			
10	16QAM	1	25		23.98		24.7	1
10	16QAM	1	49		24.19			
10	16QAM	25	0		22.98			
10	16QAM	25	12		22.98		23.7	2
10	16QAM	25	25		22.93			
10	16QAM	50	0		22.92			
10	64QAM	1	0		23.23			
10	64QAM	1	25		23.13		23.7	2
10	64QAM	1	49		23.13			
10	64QAM	25	0		21.95			
10	64QAM	25	12		21.98		22.7	3
10	64QAM	25	25		21.92			
10	64QAM	50	0		21.96			
10	256QAM	1	0		20.47			
10	256QAM	1	25		20.30		20.7	5
10	256QAM	1	49		20.30			
10	256QAM	25	0		20.25			
10	256QAM	25	12		20.22		20.7	5
10	256QAM	25	25		20.17			
10	256QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.99	25.02	25.06		
5	QPSK	1	12	24.96	25.03	24.95	25.7	0
5	QPSK	1	24	24.68	24.74	24.70		
5	QPSK	12	0	23.94	23.91	23.91		
5	QPSK	12	7	23.87	23.90	23.96	24.7	1
5	QPSK	12	13	23.90	23.91	23.86		
5	QPSK	25	0	23.93	23.93	23.89		
5	16QAM	1	0	24.26	24.27	24.28		
5	16QAM	1	12	23.96	23.92	23.95	24.7	1
5	16QAM	1	24	24.09	24.11	24.15		
5	16QAM	12	0	22.87	22.91	22.95		
5	16QAM	12	7	22.92	22.90	22.94	23.7	2
5	16QAM	12	13	22.84	22.87	22.82		
5	16QAM	25	0	22.85	22.87	22.89		
5	64QAM	1	0	23.17	23.21	23.13		
5	64QAM	1	12	23.03	23.09	23.04	23.7	2
5	64QAM	1	24	23.10	23.06	23.04		
5	64QAM	12	0	21.89	21.85	21.87		
5	64QAM	12	7	21.92	21.90	21.93	22.7	3
5	64QAM	12	13	21.87	21.82	21.83		
5	64QAM	25	0	21.93	21.93	21.90		
5	256QAM	1	0	20.42	20.44	20.48		
5	256QAM	1	12	20.22	20.23	20.27	20.7	5
5	256QAM	1	24	20.30	20.28	20.24		
5	256QAM	12	0	20.22	20.30	20.29		
5	256QAM	12	7	20.28	20.30	20.28	20.7	5
5	256QAM	12	13	20.25	20.19	20.13		
5	256QAM	25	0	20.13	20.18	20.21		

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		24.38			
10	QPSK	1	25		24.35		25.5	0
10	QPSK	1	49		24.25			
10	QPSK	25	0		23.26			
10	QPSK	25	12		23.25		24.5	1
10	QPSK	25	25		23.22			
10	QPSK	50	0		23.23			
10	16QAM	1	0		23.59			
10	16QAM	1	25		23.34		24.5	1
10	16QAM	1	49		23.45			
10	16QAM	25	0		22.27			
10	16QAM	25	12		22.25		23.5	2
10	16QAM	25	25		22.19			
10	16QAM	50	0		22.23			
10	64QAM	1	0		22.50			
10	64QAM	1	25		22.39		23.5	2
10	64QAM	1	49		22.39			
10	64QAM	25	0		21.23			
10	64QAM	25	12		21.22		22.5	3
10	64QAM	25	25		21.19			
10	64QAM	50	0		21.21			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.55		20.5	5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.51		20.5	5
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.48			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.32	24.29	24.34		
5	QPSK	1	12	24.30	24.27	24.24	25.5	0
5	QPSK	1	24	24.17	24.16	24.16		
5	QPSK	12	0	23.24	23.22	23.15		
5	QPSK	12	7	23.19	23.16	23.18	24.5	1
5	QPSK	12	13	23.19	23.20	23.19		
5	QPSK	25	0	23.18	23.14	23.21		
5	16QAM	1	0	23.56	23.51	23.49		
5	16QAM	1	12	23.24	23.26	23.31	24.5	1
5	16QAM	1	24	23.40	23.35	23.35		
5	16QAM	12	0	22.19	22.21	22.20		
5	16QAM	12	7	22.19	22.17	22.20	23.5	2
5	16QAM	12	13	22.12	22.15	22.15		
5	16QAM	25	0	22.20	22.21	22.13		
5	64QAM	1	0	22.44	22.44	22.41		
5	64QAM	1	12	22.28	22.34	22.31	23.5	2
5	64QAM	1	24	22.29	22.36	22.36		
5	64QAM	12	0	21.15	21.12	21.20		
5	64QAM	12	7	21.19	21.17	21.17	22.5	3
5	64QAM	12	13	21.12	21.15	21.17		
5	64QAM	25	0	21.18	21.14	21.12		
5	256QAM	1	0	19.85	19.74	19.72		
5	256QAM	1	12	19.53	19.59	19.52	20.5	5
5	256QAM	1	24	19.62	19.62	19.51		
5	256QAM	12	0	19.56	19.46	19.53		
5	256QAM	12	7	19.58	19.55	19.44	20.5	5
5	256QAM	12	13	19.38	19.40	19.46		
5	256QAM	25	0	19.40	19.40	19.46		

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	24.46	24.50	24.48		
10	QPSK	1	25	24.42	24.40	24.38	25.5	0
10	QPSK	1	49	24.45	24.40	24.46		
10	QPSK	25	0	23.42	23.45	23.38		
10	QPSK	25	12	23.35	23.36	23.33	24.5	1
10	QPSK	25	25	23.41	23.41	23.35		
10	QPSK	50	0	23.40	23.42	23.36		
10	16QAM	1	0	23.52	23.52	23.55		
10	16QAM	1	25	23.53	23.55	23.51	24.5	1
10	16QAM	1	49	23.51	23.49	23.56		
10	16QAM	25	0	22.39	22.39	22.36		
10	16QAM	25	12	22.34	22.33	22.32	23.5	2
10	16QAM	25	25	22.40	22.39	22.34		
10	16QAM	50	0	22.38	22.39	22.34		
10	64QAM	1	0	22.45	22.53	22.47		
10	64QAM	1	25	22.56	22.52	22.48	23.5	2
10	64QAM	1	49	22.53	22.49	22.52		
10	64QAM	25	0	21.39	21.41	21.36		
10	64QAM	25	12	21.33	21.33	21.32	22.5	3
10	64QAM	25	25	21.41	21.39	21.32		
10	64QAM	50	0	21.40	21.39	21.36		
10	256QAM	1	0	19.77	19.84	19.82		
10	256QAM	1	25	19.66	19.72	19.68	20.5	5
10	256QAM	1	49	19.66	19.67	19.59		
10	256QAM	25	0	19.66	19.68	19.67		
10	256QAM	25	12	19.69	19.61	19.66	20.5	5
10	256QAM	25	25	19.66	19.63	19.63		
10	256QAM	50	0	19.72	19.69	19.69		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.40	24.45		
5	QPSK	1	12	24.34	24.29	24.34	25.5	0
5	QPSK	1	24	24.36	24.29	24.39		
5	QPSK	12	0	23.40	23.41	23.27		
5	QPSK	12	7	23.32	23.28	23.22	24.5	1
5	QPSK	12	13	23.30	23.39	23.27		
5	QPSK	25	0	23.33	23.34	23.32		
5	16QAM	1	0	23.41	23.41	23.50		
5	16QAM	1	12	23.50	23.48	23.45	24.5	1
5	16QAM	1	24	23.48	23.47	23.46		
5	16QAM	12	0	22.32	22.36	22.28		
5	16QAM	12	7	22.27	22.29	22.30	23.5	2
5	16QAM	12	13	22.32	22.37	22.30		
5	16QAM	25	0	22.33	22.30	22.24		
5	64QAM	1	0	22.39	22.44	22.40		
5	64QAM	1	12	22.50	22.46	22.44	23.5	2
5	64QAM	1	24	22.48	22.45	22.45		
5	64QAM	12	0	21.29	21.31	21.32		
5	64QAM	12	7	21.26	21.29	21.28	22.5	3
5	64QAM	12	13	21.33	21.32	21.30		
5	64QAM	25	0	21.36	21.34	21.33		
5	256QAM	1	0	19.82	19.89	19.74		
5	256QAM	1	12	19.62	19.71	19.67	20.5	5
5	256QAM	1	24	19.66	19.66	19.66		
5	256QAM	12	0	19.67	19.75	19.61		
5	256QAM	12	7	19.75	19.57	19.58	20.5	5
5	256QAM	12	13	19.60	19.70	19.64		
5	256QAM	25	0	19.72	19.76	19.77		

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	23.88	23.95	23.89		
10	QPSK	1	25	23.84	23.84	23.82	25.5	0
10	QPSK	1	49	23.86	23.87	23.88		
10	QPSK	25	0	22.82	22.86	22.78		
10	QPSK	25	12	22.75	22.76	22.73	24.5	1
10	QPSK	25	25	22.81	22.80	22.75		
10	QPSK	50	0	22.83	22.85	22.77		
10	16QAM	1	0	22.90	22.93	22.95		
10	16QAM	1	25	22.95	22.96	22.95	24.5	1
10	16QAM	1	49	22.99	22.93	22.96		
10	16QAM	25	0	21.83	21.79	21.77		
10	16QAM	25	12	21.74	21.75	21.71	23.5	2
10	16QAM	25	25	21.82	21.80	21.74		
10	16QAM	50	0	21.82	21.80	21.74		
10	64QAM	1	0	21.92	21.97	21.92		
10	64QAM	1	25	21.97	21.96	21.85	23.5	2
10	64QAM	1	49	21.90	21.88	21.96		
10	64QAM	25	0	20.83	20.82	20.78		
10	64QAM	25	12	20.76	20.76	20.74	22.5	3
10	64QAM	25	25	20.84	20.81	20.76		
10	64QAM	50	0	20.83	20.81	20.75		
10	256QAM	1	0	19.22	19.23	19.21		
10	256QAM	1	25	19.20	19.12	19.07	20.5	5
10	256QAM	1	49	19.20	19.12	19.08		
10	256QAM	25	0	19.07	19.13	19.15		
10	256QAM	25	12	19.01	19.04	19.00	20.5	5
10	256QAM	25	25	19.12	19.06	19.13		
10	256QAM	50	0	19.15	19.10	19.09		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.77	23.91	23.82		
5	QPSK	1	12	23.78	23.73	23.71	25.5	0
5	QPSK	1	24	23.77	23.77	23.79		
5	QPSK	12	0	22.78	22.82	22.72		
5	QPSK	12	7	22.71	22.72	22.64	24.5	1
5	QPSK	12	13	22.75	22.69	22.66		
5	QPSK	25	0	22.72	22.76	22.73		
5	16QAM	1	0	22.85	22.89	22.93		
5	16QAM	1	12	22.88	22.90	22.84	24.5	1
5	16QAM	1	24	22.90	22.90	22.88		
5	16QAM	12	0	21.74	21.77	21.67		
5	16QAM	12	7	21.71	21.68	21.64	23.5	2
5	16QAM	12	13	21.74	21.70	21.64		
5	16QAM	25	0	21.72	21.78	21.70		
5	64QAM	1	0	21.89	21.86	21.88		
5	64QAM	1	12	21.87	21.90	21.83	23.5	2
5	64QAM	1	24	21.83	21.86	21.92		
5	64QAM	12	0	20.72	20.75	20.69		
5	64QAM	12	7	20.66	20.69	20.64	22.5	3
5	64QAM	12	13	20.80	20.72	20.73		
5	64QAM	25	0	20.72	20.70	20.72		
5	256QAM	1	0	19.19	19.15	19.17		
5	256QAM	1	12	19.28	19.07	19.03	20.5	5
5	256QAM	1	24	19.20	19.15	19.11		
5	256QAM	12	0	19.12	19.14	19.13		
5	256QAM	12	7	18.94	19.06	19.07	20.5	5
5	256QAM	12	13	19.09	19.02	19.10		
5	256QAM	25	0	19.11	19.06	19.05		

Band 26_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	25.02	25.05	24.86		
15	QPSK	1	37	24.79	24.89	24.68	25.7	0
15	QPSK	1	74	25.00	24.89	24.78		
15	QPSK	36	0	23.95	23.97	23.75		
15	QPSK	36	20	23.85	23.84	23.69	24.7	1
15	QPSK	36	39	23.90	23.84	23.71		
15	QPSK	75	0	23.83	23.87	23.74		
15	16QAM	1	0	23.96	24.02	24.07		
15	16QAM	1	37	23.96	24.05	23.82	24.7	1
15	16QAM	1	74	24.01	24.05	23.96		
15	16QAM	36	0	22.79	22.89	22.74		
15	16QAM	36	20	22.83	22.81	22.68	23.7	2
15	16QAM	36	39	22.87	22.85	22.71		
15	16QAM	75	0	22.82	22.84	22.75		
15	64QAM	1	0	22.93	22.97	23.00		
15	64QAM	1	37	22.89	23.00	22.79	23.7	2
15	64QAM	1	74	23.00	23.00	22.91		
15	64QAM	36	0	21.79	21.88	21.73		
15	64QAM	36	20	21.83	21.81	21.68	22.7	3
15	64QAM	36	39	21.88	21.84	21.70		
15	64QAM	75	0	21.84	21.83	21.74		
15	256QAM	1	0	20.18	20.21	20.18		
15	256QAM	1	37	20.21	20.20	20.12	20.7	5
15	256QAM	1	74	20.09	20.12	20.04		
15	256QAM	36	0	20.09	20.03	20.03		
15	256QAM	36	20	20.02	19.96	19.96	20.7	5
15	256QAM	36	39	20.03	19.99	19.93		
15	256QAM	75	0	19.99	20.03	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.95	24.94	24.75		
10	QPSK	1	25	24.71	24.83	24.59	25.7	0
10	QPSK	1	49	24.93	24.85	24.73		
10	QPSK	25	0	23.85	23.87	23.71		
10	QPSK	25	12	23.74	23.82	23.66	24.7	1
10	QPSK	25	25	23.81	23.82	23.69		
10	QPSK	50	0	23.77	23.79	23.71		
10	16QAM	1	0	23.87	23.98	24.01		
10	16QAM	1	25	23.82	23.98	23.72	24.7	1
10	16QAM	1	49	23.97	23.97	23.91		
10	16QAM	25	0	22.74	22.81	22.71		
10	16QAM	25	12	22.73	22.70	22.58	23.7	2
10	16QAM	25	25	22.81	22.75	22.64		
10	16QAM	50	0	22.77	22.81	22.70		
10	64QAM	1	0	22.83	22.91	22.93		
10	64QAM	1	25	22.86	22.97	22.71	23.7	2
10	64QAM	1	49	22.97	22.94	22.85		
10	64QAM	25	0	21.76	21.83	21.65		
10	64QAM	25	12	21.78	21.75	21.57	22.7	3
10	64QAM	25	25	21.78	21.80	21.62		
10	64QAM	50	0	21.75	21.75	21.71		
10	256QAM	1	0	20.23	20.28	20.24		
10	256QAM	1	25	20.14	20.22	20.06	20.7	5
10	256QAM	1	49	20.17	20.08	20.08		
10	256QAM	25	0	20.01	19.98	20.07		
10	256QAM	25	12	19.94	19.88	19.98	20.7	5
10	256QAM	25	25	20.03	19.92	19.96		
10	256QAM	50	0	19.91	20.10	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	24.99	24.76		
5	QPSK	1	12	24.71	24.83	24.63	25.7	0
5	QPSK	1	24	24.96	24.82	24.75		
5	QPSK	12	0	23.94	23.93	23.67		
5	QPSK	12	7	23.82	23.80	23.60	24.7	1
5	QPSK	12	13	23.81	23.80	23.66		
5	QPSK	25	0	23.77	23.77	23.70		
5	16QAM	1	0	23.92	23.91	24.00		
5	16QAM	1	12	23.83	24.02	23.77	24.7	1
5	16QAM	1	24	23.95	23.99	23.85		
5	16QAM	12	0	22.73	22.78	22.68		
5	16QAM	12	7	22.82	22.82	22.64	23.7	2
5	16QAM	12	13	22.76	22.79	22.64		
5	16QAM	25	0	22.75	22.80	22.67		
5	64QAM	1	0	22.91	22.88	22.91		
5	64QAM	1	12	22.84	22.97	22.76	23.7	2
5	64QAM	1	24	23.00	22.93	22.84		
5	64QAM	12	0	21.71	21.81	21.62		
5	64QAM	12	7	21.76	21.70	21.65	22.7	3
5	64QAM	12	13	21.80	21.76	21.63		
5	64QAM	25	0	21.76	21.76	21.66		
5	256QAM	1	0	20.16	20.26	20.22		
5	256QAM	1	12	20.24	20.26	20.16	20.7	5
5	256QAM	1	24	20.11	20.18	20.10		
5	256QAM	12	0	20.09	20.04	20.11		
5	256QAM	12	7	20.07	20.01	19.91	20.7	5
5	256QAM	12	13	20.07	19.94	19.93		
5	256QAM	25	0	20.05	20.11	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	24.98	24.81		
3	QPSK	1	8	24.69	24.81	24.64	25.7	0
3	QPSK	1	14	24.97	24.79	24.70		
3	QPSK	8	0	23.85	23.93	23.66		
3	QPSK	8	4	23.79	23.82	23.58	24.7	1
3	QPSK	8	7	23.81	23.77	23.66		
3	QPSK	15	0	23.77	23.83	23.64		
3	16QAM	1	0	23.98	24.00	24.00		
3	16QAM	1	8	23.87	23.95	23.71	24.7	1
3	16QAM	1	14	23.96	24.01	23.86		
3	16QAM	8	0	22.71	22.78	22.72		
3	16QAM	8	4	22.77	22.75	22.64	23.7	2
3	16QAM	8	7	22.76	22.75	22.68		
3	16QAM	15	0	22.76	22.81	22.69		
3	64QAM	1	0	22.87	22.91	22.92		
3	64QAM	1	8	22.95	22.92	22.72	23.7	2
3	64QAM	1	14	22.94	22.96	22.87		
3	64QAM	8	0	21.75	21.86	21.67		
3	64QAM	8	4	21.73	21.70	21.58		
3	64QAM	8	7	21.83	21.82	21.63	22.7	3
3	64QAM	15	0	21.76	21.72	21.68		
3	256QAM	1	0	20.20	20.19	20.17		
3	256QAM	1	8	20.13	20.25	20.04	20.7	5
3	256QAM	1	14	20.17	20.18	20.02		
3	256QAM	8	0	20.17	20.00	20.00		
3	256QAM	8	4	20.04	19.94	19.95	20.7	5
3	256QAM	8	7	20.03	20.03	20.00		
3	256QAM	15	0	20.05	20.05	19.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.96	24.97	24.75		
1.4	QPSK	1	3	24.74	24.84	24.59		
1.4	QPSK	1	5	24.94	24.85	24.74	25.7	0
1.4	QPSK	3	0	24.91	24.94	24.80		
1.4	QPSK	3	1	24.70	24.84	24.61		
1.4	QPSK	3	3	24.97	24.82	24.75		
1.4	QPSK	6	0	23.91	23.91	23.72	24.7	1
1.4	16QAM	1	0	23.79	23.78	23.62		
1.4	16QAM	1	3	23.82	23.78	23.66		
1.4	16QAM	1	5	23.73	23.83	23.72	24.7	1
1.4	16QAM	3	0	23.87	23.93	24.03		
1.4	16QAM	3	1	23.85	24.00	23.75		
1.4	16QAM	3	3	23.94	24.01	23.94		
1.4	16QAM	6	0	22.70	22.78	22.64	23.7	2
1.4	64QAM	1	0	22.79	22.71	22.63		
1.4	64QAM	1	3	22.79	22.77	22.67		
1.4	64QAM	1	5	22.77	22.74	22.70	23.7	2
1.4	64QAM	3	0	22.84	22.86	22.97		
1.4	64QAM	3	1	22.79	22.98	22.73		
1.4	64QAM	3	3	22.97	22.91	22.82		
1.4	64QAM	6	0	21.72	21.82	21.70	22.7	3
1.4	256QAM	1	0	20.10	20.17	20.21		
1.4	256QAM	1	3	20.20	20.17	20.16		
1.4	256QAM	1	5	20.05	20.07	20.09	20.7	5
1.4	256QAM	3	0	20.12	19.95	19.99		
1.4	256QAM	3	1	20.01	19.99	20.00		
1.4	256QAM	3	3	20.04	20.04	19.89		
1.4	256QAM	6	0	19.93	20.05	19.94	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.18	24.20	24.05		
15	QPSK	1	37	24.01	24.12	23.88	25.5	0
15	QPSK	1	74	24.15	24.09	23.96		
15	QPSK	36	0	23.11	23.15	22.94		
15	QPSK	36	20	23.06	23.04	22.89	24.5	1
15	QPSK	36	39	23.09	23.06	22.92		
15	QPSK	75	0	23.04	23.06	22.96		
15	16QAM	1	0	23.22	23.27	23.23		
15	16QAM	1	37	23.19	23.24	23.08	24.5	1
15	16QAM	1	74	23.31	23.25	23.18		
15	16QAM	36	0	21.98	22.09	21.95		
15	16QAM	36	20	22.05	22.03	21.88	23.5	2
15	16QAM	36	39	22.08	22.05	21.91		
15	16QAM	75	0	22.03	22.06	21.94		
15	64QAM	1	0	22.20	22.22	22.14		
15	64QAM	1	37	22.10	22.24	21.96	23.5	2
15	64QAM	1	74	22.31	22.20	22.12		
15	64QAM	36	0	21.00	21.08	20.92		
15	64QAM	36	20	21.05	21.01	20.87	22.5	3
15	64QAM	36	39	21.08	21.06	20.89		
15	64QAM	75	0	21.05	21.05	20.94		
15	256QAM	1	0	19.42	19.39	19.46		
15	256QAM	1	37	19.36	19.35	19.29	20.5	5
15	256QAM	1	74	19.30	19.23	19.17		
15	256QAM	36	0	19.22	19.19	19.17		
15	256QAM	36	20	19.04	19.08	19.14	20.5	5
15	256QAM	36	39	19.06	19.12	19.05		
15	256QAM	75	0	19.10	19.18	19.19		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.09	24.10	23.94		
10	QPSK	1	25	23.90	24.08	23.85	25.5	0
10	QPSK	1	49	24.05	24.05	23.88		
10	QPSK	25	0	23.04	23.06	22.91		
10	QPSK	25	12	22.98	22.93	22.83	24.5	1
10	QPSK	25	25	22.99	23.02	22.86		
10	QPSK	50	0	23.01	22.96	22.87		
10	16QAM	1	0	23.18	23.24	23.21		
10	16QAM	1	25	23.12	23.19	23.05	24.5	1
10	16QAM	1	49	23.25	23.16	23.10		
10	16QAM	25	0	21.88	22.06	21.92		
10	16QAM	25	12	21.95	21.92	21.82	23.5	2
10	16QAM	25	25	21.97	22.03	21.83		
10	16QAM	50	0	21.93	22.03	21.90		
10	64QAM	1	0	22.13	22.13	22.11		
10	64QAM	1	25	22.07	22.22	21.87	23.5	2
10	64QAM	1	49	22.24	22.17	22.04		
10	64QAM	25	0	20.95	21.00	20.83		
10	64QAM	25	12	20.97	20.95	20.81	22.5	3
10	64QAM	25	25	21.03	20.99	20.82		
10	64QAM	50	0	21.03	21.02	20.89		
10	256QAM	1	0	19.37	19.44	19.48		
10	256QAM	1	25	19.38	19.33	19.27	20.5	5
10	256QAM	1	49	19.23	19.17	19.16		
10	256QAM	25	0	19.30	19.17	19.12		
10	256QAM	25	12	19.02	19.00	19.17	20.5	5
10	256QAM	25	25	19.13	19.13	19.02		
10	256QAM	50	0	19.03	19.23	19.15		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.10	23.98		
5	QPSK	1	12	23.93	24.05	23.82	25.5	0
5	QPSK	1	24	24.12	24.01	23.91		
5	QPSK	12	0	23.01	23.11	22.95		
5	QPSK	12	7	22.98	22.94	22.78	24.5	1
5	QPSK	12	13	23.01	22.99	22.86		
5	QPSK	25	0	23.01	22.98	22.94		
5	16QAM	1	0	23.12	23.19	23.12		
5	16QAM	1	12	23.13	23.17	23.05	24.5	1
5	16QAM	1	24	23.20	23.18	23.13		
5	16QAM	12	0	21.87	22.00	21.89		
5	16QAM	12	7	22.03	22.01	21.82	23.5	2
5	16QAM	12	13	22.02	22.03	21.82		
5	16QAM	25	0	22.01	21.95	21.92		
5	64QAM	1	0	22.10	22.12	22.10		
5	64QAM	1	12	22.05	22.18	21.86	23.5	2
5	64QAM	1	24	22.22	22.11	22.04		
5	64QAM	12	0	20.93	21.03	20.86		
5	64QAM	12	7	20.94	20.91	20.79	22.5	3
5	64QAM	12	13	21.02	21.00	20.84		
5	64QAM	25	0	20.95	20.94	20.91		
5	256QAM	1	0	19.40	19.35	19.38		
5	256QAM	1	12	19.29	19.31	19.33	20.5	5
5	256QAM	1	24	19.30	19.25	19.21		
5	256QAM	12	0	19.21	19.26	19.12		
5	256QAM	12	7	18.96	19.09	19.15	20.5	5
5	256QAM	12	13	18.98	19.02	19.10		
5	256QAM	25	0	19.17	19.22	19.23		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.10	24.13	23.97		
3	QPSK	1	8	23.94	24.10	23.84	25.5	0
3	QPSK	1	14	24.11	24.02	23.91		
3	QPSK	8	0	23.06	23.09	22.85		
3	QPSK	8	4	22.96	22.94	22.86	24.5	1
3	QPSK	8	7	23.01	22.99	22.86		
3	QPSK	15	0	23.01	22.99	22.93		
3	16QAM	1	0	23.18	23.12	23.12		
3	16QAM	1	8	23.08	23.16	23.06	24.5	1
3	16QAM	1	14	23.27	23.20	23.12		
3	16QAM	8	0	21.93	22.04	21.91		
3	16QAM	8	4	22.02	21.99	21.78	23.5	2
3	16QAM	8	7	22.05	22.02	21.84		
3	16QAM	15	0	21.96	22.04	21.88		
3	64QAM	1	0	22.16	22.18	22.08		
3	64QAM	1	8	22.20	22.21	21.99	23.5	2
3	64QAM	1	14	22.24	22.17	22.07		
3	64QAM	8	0	20.89	21.02	20.84		
3	64QAM	8	4	20.99	20.95	20.84		
3	64QAM	8	7	21.00	20.98	20.81	22.5	3
3	64QAM	15	0	20.99	21.01	20.87		
3	256QAM	1	0	19.39	19.35	19.51		
3	256QAM	1	8	19.36	19.36	19.36	20.5	5
3	256QAM	1	14	19.23	19.22	19.23		
3	256QAM	8	0	19.20	19.20	19.24		
3	256QAM	8	4	18.98	19.02	19.06	20.5	5
3	256QAM	8	7	18.99	19.09	19.02		
3	256QAM	15	0	19.03	19.20	19.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.08	24.14	23.99		
1.4	QPSK	1	3	23.94	24.07	23.80		
1.4	QPSK	1	5	24.09	24.04	23.87	25.5	0
1.4	QPSK	3	0	24.13	24.11	24.02		
1.4	QPSK	3	1	23.98	24.10	23.78		
1.4	QPSK	3	3	24.07	24.06	23.86		
1.4	QPSK	6	0	23.05	23.05	23.12	24.5	1
1.4	16QAM	1	0	23.02	22.95	22.79		
1.4	16QAM	1	3	23.00	23.01	22.87		
1.4	16QAM	1	5	22.95	23.03	22.86	24.5	1
1.4	16QAM	3	0	23.17	23.17	23.13		
1.4	16QAM	3	1	23.17	23.13	23.06		
1.4	16QAM	3	3	23.25	23.22	23.08		
1.4	16QAM	6	0	21.96	22.00	21.87	23.5	2
1.4	64QAM	1	0	21.99	22.00	21.83		
1.4	64QAM	1	3	22.07	22.07	21.83		
1.4	64QAM	1	5	21.94	21.97	21.83	23.5	2
1.4	64QAM	3	0	22.12	22.16	22.04		
1.4	64QAM	3	1	22.01	22.19	21.88		
1.4	64QAM	3	3	22.27	22.15	22.02		
1.4	64QAM	6	0	20.91	20.98	20.89	22.5	3
1.4	256QAM	1	0	19.41	19.47	19.43		
1.4	256QAM	1	3	19.33	19.36	19.22		
1.4	256QAM	1	5	19.33	19.19	19.20	20.5	5
1.4	256QAM	3	0	19.25	19.18	19.12		
1.4	256QAM	3	1	19.11	19.10	19.09		
1.4	256QAM	3	3	19.01	19.09	19.11		
1.4	256QAM	6	0	19.07	19.26	19.23	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.60	24.61	24.47		
20	QPSK	1	49	24.53	24.56	24.37	25.5	0
20	QPSK	1	99	24.44	24.48	24.34		
20	QPSK	50	0	23.55	23.59	23.46		
20	QPSK	50	24	23.53	23.48	23.39	24.5	1
20	QPSK	50	50	23.54	23.46	23.37		
20	QPSK	100	0	23.52	23.56	23.40		
20	16QAM	1	0	23.82	23.83	23.56		
20	16QAM	1	49	23.68	23.66	23.60	24.5	1
20	16QAM	1	99	23.71	23.45	23.57		
20	16QAM	50	0	22.59	22.47	22.46		
20	16QAM	50	24	22.55	22.45	22.37	23.5	2
20	16QAM	50	50	22.54	22.45	22.34		
20	16QAM	100	0	22.57	22.45	22.38		
20	64QAM	1	0	22.70	22.70	22.52		
20	64QAM	1	49	22.70	22.60	22.56	23.5	2
20	64QAM	1	99	22.69	22.37	22.60		
20	64QAM	50	0	21.60	21.47	21.48		
20	64QAM	50	24	21.55	21.47	21.39	22.5	3
20	64QAM	50	50	21.57	21.46	21.34		
20	64QAM	100	0	21.58	21.46	21.39		
20	256QAM	1	0	19.63	19.60	19.52		
20	256QAM	1	49	19.59	19.60	19.53	20.5	5
20	256QAM	1	99	19.39	19.46	19.42		
20	256QAM	50	0	19.36	19.38	19.30		
20	256QAM	50	24	19.33	19.40	19.40	20.5	5
20	256QAM	50	50	19.47	19.48	19.54		
20	256QAM	100	0	19.51	19.44	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.51	24.51	24.42		
15	QPSK	1	37	24.44	24.46	24.31	25.5	0
15	QPSK	1	74	24.34	24.40	24.32		
15	QPSK	36	0	23.53	23.49	23.44		
15	QPSK	36	20	23.49	23.37	23.28	24.5	1
15	QPSK	36	39	23.51	23.36	23.30		
15	QPSK	75	0	23.50	23.50	23.34		
15	16QAM	1	0	23.72	23.76	23.47		
15	16QAM	1	37	23.70	23.60	23.58	24.5	1
15	16QAM	1	74	23.62	23.35	23.55		
15	16QAM	36	0	22.48	22.38	22.38		
15	16QAM	36	20	22.44	22.34	22.32	23.5	2
15	16QAM	36	39	22.46	22.41	22.34		
15	16QAM	75	0	22.52	22.35	22.29		
15	64QAM	1	0	22.63	22.68	22.43		
15	64QAM	1	37	22.68	22.54	22.45	23.5	2
15	64QAM	1	74	22.60	22.52	22.46		
15	64QAM	36	0	21.50	21.41	21.40		
15	64QAM	36	20	21.52	21.44	21.34	22.5	3
15	64QAM	36	39	21.46	21.36	21.27		
15	64QAM	75	0	21.48	21.35	21.31		
15	256QAM	1	0	19.60	19.55	19.54		
15	256QAM	1	37	19.65	19.56	19.53	20.5	5
15	256QAM	1	74	19.34	19.48	19.44		
15	256QAM	36	0	19.34	19.33	19.23		
15	256QAM	36	20	19.36	19.34	19.32	20.5	5
15	256QAM	36	39	19.48	19.43	19.55		
15	256QAM	75	0	19.57	19.49	19.41		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.57	24.51	24.36		
10	QPSK	1	25	24.48	24.53	24.30	25.5	0
10	QPSK	1	49	24.41	24.42	24.23		
10	QPSK	25	0	23.42	23.50	23.37		
10	QPSK	25	12	23.44	23.45	23.34	24.5	1
10	QPSK	25	25	23.48	23.40	23.33		
10	QPSK	50	0	23.44	23.54	23.30		
10	16QAM	1	0	23.79	23.77	23.49		
10	16QAM	1	25	23.76	23.63	23.52	24.5	1
10	16QAM	1	49	23.61	23.35	23.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.26	24.26	24.09		
20	QPSK	1	49	24.15	24.18	23.97	25	0
20	QPSK	1	99	24.12	24.11	24.00		
20	QPSK	50	0	23.23	23.25	23.11		
20	QPSK	50	24	23.21	23.14	23.04	24	1
20	QPSK	50	50	23.20	23.13	22.98		
20	QPSK	100	0	23.18	23.23	23.04		
20	16QAM	1	0	23.41	23.46	23.17		
20	16QAM	1	49	23.46	23.34	23.16	24	1
20	16QAM	1	99	23.39	23.13	23.24		
20	16QAM	50	0	22.22	22.13	22.11		
20	16QAM	50	24	22.21	22.13	22.02	23	2
20	16QAM	50	50	22.20	22.10	21.98		
20	16QAM	100	0	22.20	22.13	22.03		
20	64QAM	1	0	22.38	22.37	22.14		
20	64QAM	1	49	22.35	22.25	22.17	23	2
20	64QAM	1	99	22.35	22.04	22.14		
20	64QAM	50	0	21.23	21.15	21.10		
20	64QAM	50	24	21.23	21.12	21.02	22	3
20	64QAM	50	50	21.20	21.11	20.97		
20	64QAM	100	0	21.20	21.12	21.02		
20	256QAM	1	0	19.18	19.22	19.26		
20	256QAM	1	49	19.23	19.16	19.19	20	5
20	256QAM	1	99	19.09	19.15	19.13		
20	256QAM	50	0	19.04	19.05	19.03		
20	256QAM	50	24	19.17	19.09	19.09	20	5
20	256QAM	50	50	19.11	19.13	19.15		
20	256QAM	100	0	19.02	19.09	19.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.16	24.26	24.06		
15	QPSK	1	37	24.11	24.13	23.86	25	0
15	QPSK	1	74	24.03	24.07	23.94		
15	QPSK	36	0	23.12	23.23	23.03		
15	QPSK	36	20	23.19	23.12	22.97	24	1
15	QPSK	36	39	23.13	23.04	22.95		
15	QPSK	75	0	23.07	23.18	22.95		
15	16QAM	1	0	23.39	23.39	23.13		
15	16QAM	1	37	23.39	23.24	23.10	24	1
15	16QAM	1	74	23.33	23.04	23.13		
15	16QAM	36	0	22.17	22.06	22.00		
15	16QAM	36	20	22.19	22.08	21.94	23	2
15	16QAM	36	39	22.17	22.00	21.96		
15	16QAM	75	0	22.15	22.10	22.01		
15	64QAM	1	0	22.28	22.30	22.04		
15	64QAM	1	37	22.27	22.16	22.14	23	2
15	64QAM	1	74	22.32	22.01	22.11		
15	64QAM	36	0	21.20	21.05	21.00		
15	64QAM	36	20	21.16	21.10	20.95	22	3
15	64QAM	36	39	21.10	21.05	20.86		
15	64QAM	75	0	21.13	21.01	20.99		
15	256QAM	1	0	19.12	19.27	19.28		
15	256QAM	1	37	19.26	19.23	19.24	20	5
15	256QAM	1	74	19.08	19.17	19.16		
15	256QAM	36	0	19.05	19.09	18.95		
15	256QAM	36	20	19.25	19.17	19.01	20	5
15	256QAM	36	39	19.06	19.11	19.15		
15	256QAM	75	0	19.03	19.13	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.20	24.17	23.98		
10	QPSK	1	25	24.05	24.07	23.91	25	0
10	QPSK	1	49	24.02	24.08	23.95		
10	QPSK	25	0	23.15	23.18	23.02		
10	QPSK	25	12	23.19	23.08	22.94	24	1
10	QPSK	25	25	23.16	23.04	22.96		
10	QPSK	50	0	23.13	23.16	22.96		
10	16QAM	1	0	23.38	23.41	23.09		
10	16QAM	1	25	23.35	23.30	23.05	24	1
10	16QAM	1	49	23.28	23.07	23.15		
10	16QAM	25	0	22.17	22.07	22.02		
10	16QAM	25	12	22.12	22.10	21.97	23	2
10	16QAM	25	25	22.16	22.00	21.89		
10	16QAM	50	0	22.09	22.08	21.94		
10	64QAM	1	0	22.32	22.32	22.07		
10	64QAM	1	25	22.25	22.17	22.14	23	2
10	64QAM	1	49	22.24	22.02	22.06		
10	64QAM	25	0	21.15	21.07	21.04		
10	64QAM	25	12	21.17	21.05	20.93	22	3
10	64QAM	25	25	21.12	21.05	20.94		
10	64QAM	50	0	21.16	21.08	20.97		
10	256QAM	1	0	19.20	19.15	19.34		
10	256QAM	1	25	19.17	19.22	19.13	20	5
10	256QAM	1	49	19.02	19.15	19.18		
10	256QAM	25	0	19.11	19.13	19.10		
10	256QAM	25	12	19.18	19.16	19.05	20	5
10	256QAM	25	25	19.16	19.20	19.09		
10	256QAM	50	0	18.95	19.17	19.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.19	24.24	24.00		
5	QPSK	1	12	24.05	24.07	23.93	25	0
5	QPSK	1	24	24.06	24.09	23.89		
5	QPSK	12	0	23.12	23.20	23.05		
5	QPSK	12	7	23.12	23.11	22.95	24	1
5	QPSK	12	13	23.11	23.04	22.92		
5	QPSK	25	0	23.10	23.20	22.95		
5	16QAM	1	0	23.33	23.44	23.14		
5	16QAM	1	12	23.40	23.23	23.08	24	1
5	16QAM	1	24	23.31	23.09	23.22		
5	16QAM	12	0	22.19	22.06	22.03		
5	16QAM	12	7	22.13	22.11	21.92	23	2
5	16QAM	12	13	22.18	22.05	21.95		
5	16QAM	25	0	22.12	22.02	22.00		
5	64QAM	1	0	22.27	22.27	22.08		
5	64QAM	1	12	22.31	22.19	22.09	23	2
5	64QAM	1	24	22.29	22.00	22.09		
5	64QAM	12	0	21.19	21.11	21.02		
5	64QAM	12	7	21.18	21.08	21.00	22	3
5	64QAM	12	13	21.13	21.03	20.90		
5	64QAM	25	0	21.10	21.02	20.99		
5	256QAM	1	0	19.12	19.28	19.19		
5	256QAM	1	12	19.19	19.20	19.22	20	5
5	256QAM	1	24	19.15	19.11	19.13		
5	256QAM	12	0	19.12	19.09	19.06		
5	256QAM	12	7	19.22	19.15	19.09	20	5
5	256QAM	12	13	19.07	19.14	19.23		
5	256QAM	25	0	19.10	19.06	19.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.20	24.24	24.04		
3	QPSK	1	8	24.05	24.12	23.92	25	0
3	QPSK	1	14	24.02	24.09	23.98		
3	QPSK	8	0	23.12	23.19	23.07		
3	QPSK	8	4	23.18	23.08	22.97	24	1
3	QPSK	8	7	23.14	23.05	22.88		
3	QPSK	15	0	23.15	23.14	22.97		
3	16QAM	1	0	23.36	23.40	23.10		
3	16QAM	1	8	23.44	23.32	23.13	24	1
3	16QAM	1	14	23.36	23.07	23.21		
3	16QAM	8	0	22.20	22.09	22.00		
3	16QAM	8	4	22.16	22.04	21.98	23	2
3	16QAM	8	7	22.15	22.01	21.89		
3	16QAM	15	0	22.14	22.09	22.01		
3	64QAM	1	0	22.32	22.35	22.10		
3	64QAM	1	8	22.30	22.15	22.12	23	2
3	64QAM	1	14	22.24	21.96	22.10		
3	64QAM	8	0	21.18	21.06	21.02		
3	64QAM	8	4	21.14	21.03	20.95	22	3
3	64QAM	8	7	21.10	21.05	20.91		
3	64QAM	15	0	21.10	21.02	20.96		
3	256QAM	1	0	19.25	19.18	19.33		
3	256QAM	1	8	19.17	19.19	19.22	20	5
3	256QAM	1	14	19.12	19.11	19.05		
3	256QAM	8	0	19.06	19.13	18.98		
3	256QAM	8	4	19.21	19.02	19.08	20	5
3	256QAM	8	7	19.16	19.14	19.07		
3	256QAM	15	0	18.99	19.09	19.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.21	24.07		
1.4	QPSK	1	3	24.10	24.12	23.93		
1.4	QPSK	1	5	24.03	24.00	23.98	25	0
1.4	QPSK	3	0	24.22	24.21	24.00		
1.4	QPSK	3	1	24.10	24.10	23.90		
1.4	QPSK	3	3	24.05	24.04	23.96		
1.4	QPSK	6	0	23.15	23.23	23.09	24	1
1.4	16QAM	1	0	23.19	23.04	22.95		
1.4	16QAM	1	3	23.17	23.05	22.90		
1.4	16QAM	1	5	23.12	23.12	23.02	24	1
1.4	16QAM	3	0	23.35	23.40	23.15		
1.4	16QAM	3	1	23.40	23.23	23.08		
1.4	16QAM	3	3	23.31	23.07	23.18		
1.4	16QAM	6	0	22.17	22.04	22.04	23	2
1.4	64QAM	1	0	22.10	22.10	21.97		
1.4	64QAM	1	3	22.09	22.05	21.94		
1.4	64QAM	1	5	22.14	22.07	21.99	23	2
1.4	64QAM	3	0	22.34	22.32	22.09		
1.4	64QAM	3	1	22.24	22.23	22.08		
1.4	64QAM	3	3	22.32	21.93	22.10		
1.4	64QAM	6	0	21.14	21.12	21.01	22	3
1.4	256QAM	1	0	19.25	19.17	19.24		
1.4	256QAM	1	3	19.22	19.14	19.25		
1.4	256QAM	1	5	19.17	19.10	19.16	20	5
1.4	256QAM	3	0	19.07	19.04	19.06		
1.4	256QAM	3	1	19.11	19.07	19.04		
1.4	256QAM	3	3	19.05	19.14	19.11		
1.4	256QAM	6	0	18.94	19.12	18.98	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.70	23.73	23.50		
20	QPSK	1	49	23.63	23.54	23.35	24.5	0
20	QPSK	1	99	23.54	23.45	23.39		
20	QPSK	50	0	22.65	22.69	22.45		
20	QPSK	50	24	22.56	22.50	22.38	23.5	1
20	QPSK	50	50	22.53	22.47	22.36		
20	QPSK	100	0	22.62	22.65	22.37		
20	16QAM	1	0	22.96	22.87	22.59		
20	16QAM	1	49	22.90	22.71	22.57	23.5	1
20	16QAM	1	99	22.77	22.48	22.49		
20	16QAM	50	0	21.69	21.54	21.42		
20	16QAM	50	24	21.66	21.48	21.38	22.5	2
20	16QAM	50	50	21.64	21.44	21.34		
20	16QAM	100	0	21.65	21.48	21.36		
20	64QAM	1	0	21.90	21.69	21.54		
20	64QAM	1	49	21.86	21.66	21.52	22.5	2
20	64QAM	1	99	21.71	21.42	21.50		
20	64QAM	50	0	20.69	20.53	20.44		
20	64QAM	50	24	20.65	20.50	20.37	21.5	3
20	64QAM	50	50	20.65	20.46	20.34		
20	64QAM	100	0	20.66	20.49	20.36		
20	256QAM	1	0	18.59	18.60	18.55		
20	256QAM	1	49	18.56	18.61	18.59	19.5	5
20	256QAM	1	99	18.55	18.58	18.65		
20	256QAM	50	0	18.59	18.53	18.60		
20	256QAM	50	24	18.44	18.52	18.44	19.5	5
20	256QAM	50	50	18.46	18.53	18.60		
20	256QAM	100	0	18.54	18.50	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.61	23.62	23.48		
15	QPSK	1	37	23.52	23.45	23.27	24.5	0
15	QPSK	1	74	23.43	23.39	23.33		
15	QPSK	36	0	22.59	22.60	22.42		
15	QPSK	36	20	22.47	22.44	22.33	23.5	1
15	QPSK	36	39	22.47	22.42	22.29		
15	QPSK	75	0	22.54	22.62	22.28		
15	16QAM	1	0	22.85	22.82	22.49		
15	16QAM	1	37	22.86	22.64	22.54	23.5	1
15	16QAM	1	74	22.75	22.38	22.42		
15	16QAM	36	0	21.67	21.50	21.38		
15	16QAM	36	20	21.60	21.41	21.35	22.5	2
15	16QAM	36	39	21.53	21.39	21.31		
15	16QAM	75	0	21.63	21.43	21.32		
15	64QAM	1	0	21.81	21.67	21.50		
15	64QAM	1	37	21.76	21.64	21.44	22.5	2
15	64QAM	1	74	21.63	21.40	21.47		
15	64QAM	36	0	20.61	20.51	20.34		
15	64QAM	36	20	20.55	20.41	20.32	21.5	3
15	64QAM	36	39	20.55	20.35	20.24		
15	64QAM	75	0	20.59	20.47	20.25		
15	256QAM	1	0	18.52	18.67	18.61		
15	256QAM	1	37	18.56	18.54	18.54	19.5	5
15	256QAM	1	74	18.48	18.56	18.60		
15	256QAM	36	0	18.60	18.56	18.53		
15	256QAM	36	20	18.36	18.44	18.50	19.5	5
15	256QAM	36	39	18.40	18.57	18.67		
15	256QAM	75	0	18.57	18.47	18.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.64	23.65	23.40		
10	QPSK	1	25	23.56	23.45	23.24	24.5	0
10	QPSK	1	49	23.48	23.36	23.32		
10	QPSK	25	0	22.58	22.65	22.35		
10	QPSK	25	12	22.50	22.42	22.36	23.5	1
10	QPSK	25	25	22.43	22.36	22.27		
10	QPSK	50	0	22.60	22.58	22.35		
10	16QAM	1	0	22.89	22.80	22.52		
10	16QAM	1	25	22.81	22.64	22.51	23.5	1
10	16QAM	1	49	22.73	22.46	22.40		
10	16QAM	25	0	21.60	21.51	21.34		
10	16QAM	25	12	21.61	21.38	21.30	22.5	2
10	16QAM	25	25	21.56	21.33	21.28		
10	16QAM	50	0	21.61	21.45	21.26		
10	64QAM	1	0	21.86	21.61	21.43		
10	64QAM	1	25	21.81	21.62	21.43	22.5	2
10	64QAM	1	49	21.66	21.47	21.44		
10	64QAM	25	0	20.59	20.45	20.33		
10	64QAM	25	12	20.60	20.44	20.34	21.5	3
10	64QAM	25	25	20.56	20.41	20.23		
10	64QAM	50	0	20.55	20.44	20.28		
10	256QAM	1	0	18.56	18.64	18.48		
10	256QAM	1	25	18.60	18.61	18.67	19.5	5
10	256QAM	1	49	18.58	18.53	18.61		
10	256QAM	25	0	18.59	18.54	18.58		
10	256QAM	25	12	18.36	18.53	18.52	19.5	5
10	256QAM	25	25	18.48	18.51	18.58		
10	256QAM	50	0	18.48	18.42	18.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.63	23.64	23.46		
5	QPSK	1	12	23.57	23.46	23.29	24.5	0
5	QPSK	1	24	23.49	23.39	23.28		
5	QPSK	12	0	22.60	22.59	22.34		
5	QPSK	12	7	22.49	22.47	22.35	23.5	1
5	QPSK	12	13	22.42	22.36	22.33		
5	QPSK	25	0	22.60	22.59	22.34		
5	16QAM	1	0	22.94	22.77	22.49		
5	16QAM	1	12	22.81	22.67	22.46	23.5	1
5	16QAM	1	24	22.66	22.48	22.46		
5	16QAM	12	0	21.59	21.44	21.40		
5	16QAM	12	7	21.60	21.45	21.34	22.5	2
5	16QAM	12	13	21.53	21.37	21.29		
5	16QAM	25	0	21.62	21.42	21.32		
5	64QAM	1	0	21.84	21.58	21.48		
5	64QAM	1	12	21.79	21.55	21.43	22.5	2
5	64QAM	1	24	21.69	21.34	21.39		
5	64QAM	12	0	20.63	20.51	20.36		
5	64QAM	12	7	20.54	20.45	20.35	21.5	3
5	64QAM	12	13	20.60	20.43	20.24		
5	64QAM	25	0	20.60	20.39	20.29		
5	256QAM	1	0	18.63	18.58	18.47		
5	256QAM	1	12	18.48	18.61	18.65	19.5	5
5	256QAM	1	24	18.63	18.58	18.64		
5	256QAM	12	0	18.67	18.48	18.54		
5	256QAM	12	7	18.40	18.60	18.39	19.5	5
5	256QAM	12	13	18.51	18.45	18.58		
5	256QAM	25	0	18.52	18.53	18.55		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.61	23.63	23.44		
3	QPSK	1	8	23.58	23.49	23.27	24.5	0
3	QPSK	1	14	23.51	23.42	23.28		
3	QPSK	8	0	22.62	22.65	22.35		
3	QPSK	8	4	22.54	22.44	22.27	23.5	1
3	QPSK	8	7	22.46	22.41	22.31		
3	QPSK	15	0	22.55	22.61	22.33		
3	16QAM	1	0	22.90	22.78	22.49		
3	16QAM	1	8	22.88	22.65	22.52	23.5	1
3	16QAM	1	14	22.72	22.45	22.42		
3	16QAM	8	0	21.64	21.49	21.31		
3	16QAM	8	4	21.61	21.43	21.28	22.5	2
3	16QAM	8	7	21.55	21.40	21.29		
3	16QAM	15	0	21.63	21.42	21.28		
3	64QAM	1	0	21.81	21.65	21.49		
3	64QAM	1	8	21.79	21.58	21.49	22.5	2
3	64QAM	1	14	21.61	21.35	21.39		
3	64QAM	8	0	20.67	20.51	20.41		
3	64QAM	8	4	20.58	20.47	20.28	21.5	3
3	64QAM	8	7	20.59	20.43	20.25		
3	64QAM	15	0	20.62	20.43	20.29		
3	256QAM	1	0	18.60	18.60	18.53		
3	256QAM	1	8	18.49	18.64	18.67	19.5	5
3	256QAM	1	14	18.63	18.53	18.59		
3	256QAM	8	0	18.55	18.52	18.52		
3	256QAM	8	4	18.47	18.52	18.49	19.5	5
3	256QAM	8	7	18.40	18.46	18.55		
3	256QAM	15	0	18.46	18.50	18.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.67	23.71	23.44		
1.4	QPSK	1	3	23.58	23.49	23.25		
1.4	QPSK	1	5	23.52	23.49	23.37	24.5	0
1.4	QPSK	3	0	23.64	23.70	23.48		
1.4	QPSK	3	1	23.59	23.46	23.32		
1.4	QPSK	3	3	23.52	23.37	23.35		
1.4	QPSK	6	0	22.56	22.61	22.41	23.5	1
1.4	16QAM	1	0	22.54	22.45	22.43		
1.4	16QAM	1	3	22.47	22.45	22.44		
1.4	16QAM	1	5	22.58	22.61	22.44	23.5	1
1.4	16QAM	3	0	22.88	22.78	22.49		
1.4	16QAM	3	1	22.84	22.69	22.47		
1.4	16QAM	3	3	22.68	22.46	22.45		
1.4	16QAM	6	0	21.59	21.51	21.38	22.5	2
1.4	64QAM	1	0	21.63	21.46	21.51		
1.4	64QAM	1	3	21.61	21.39	21.39		
1.4	64QAM	1	5	21.54	21.45	21.40	22.5	2
1.4	64QAM	3	0	21.86	21.65	21.58		
1.4	64QAM	3	1	21.81	21.57	21.50		
1.4	64QAM	3	3	21.68	21.40	21.41		
1.4	64QAM	6	0	20.63	20.46	20.36	21.5	3
1.4	256QAM	1	0	18.51	18.52	18.49		
1.4	256QAM	1	3	18.54	18.64	18.65		
1.4	256QAM	1	5	18.49	18.50	18.57	19.5	5
1.4	256QAM	3	0	18.56	18.60	18.63		
1.4	256QAM	3	1	18.45	18.50	18.45		
1.4	256QAM	3	3	18.41	18.53	18.56		
1.4	256QAM	6	0	18.60	18.45	18.54	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.02	25.05	25.00		
20	QPSK	1	49	24.96	24.89	24.80	25.7	0
20	QPSK	1	99	25.00	24.89	24.97		
20	QPSK	50	0	24.00	24.02	23.95		
20	QPSK	50	24	23.96	23.90	23.84	24.7	1
20	QPSK	50	50	23.98	23.95	23.87		
20	QPSK	100	0	23.94	24.00	23.87		
20	16QAM	1	0	24.02	23.93	23.90		
20	16QAM	1	49	24.07	23.97	23.80	24.7	1
20	16QAM	1	99	24.04	23.95	23.90		
20	16QAM	50	0	22.99	22.91	22.84		
20	16QAM	50	24	22.99	22.92	22.84	23.7	2
20	16QAM	50	50	23.03	22.93	22.88		
20	16QAM	100	0	22.99	22.92	22.87		
20	64QAM	1	0	22.72	22.66	22.60		
20	64QAM	1	49	22.72	22.66	22.59	23.7	2
20	64QAM	1	99	22.74	22.65	22.62		
20	64QAM	50	0	21.99	21.90	21.84		
20	64QAM	50	24	21.97	21.88	21.82	22.7	3
20	64QAM	50	50	22.00	21.93	21.89		
20	64QAM	100	0	21.99	21.92	21.88		
20	256QAM	1	0	19.70	19.68	19.65		
20	256QAM	1	49	19.60	19.58	19.57	20.7	5
20	256QAM	1	99	19.49	19.52	19.44		
20	256QAM	50	0	19.87	19.82	19.76		
20	256QAM	50	24	19.86	19.78	19.86	20.7	5
20	256QAM	50	50	19.74	19.72	19.77		
20	256QAM	100	0	19.74	19.68	19.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.92	25.02	24.89		
15	QPSK	1	37	24.92	24.84	24.71	25.7	0
15	QPSK	1	74	24.96	24.83	24.87		
15	QPSK	36	0	23.90	23.94	23.88		
15	QPSK	36	20	23.88	23.82	23.73	24.7	1
15	QPSK	36	39	23.88	23.84	23.83		
15	QPSK	75	0	23.90	23.95	23.76		
15	16QAM	1	0	23.94	23.89	23.83		
15	16QAM	1	37	24.05	23.90	23.75	24.7	1
15	16QAM	1	74	24.00	23.88	23.82		
15	16QAM	36	0	22.94	22.85	22.77		
15	16QAM	36	20	22.93	22.82	22.82	23.7	2
15	16QAM	36	39	22.94	22.86	22.82		
15	16QAM	75	0	22.96	22.81	22.77		
15	64QAM	1	0	22.69	22.55	22.50		
15	64QAM	1	37	22.68	22.60	22.57	23.7	2
15	64QAM	1	74	22.71	22.54	22.54		
15	64QAM	36	0	21.89	21.82	21.78		
15	64QAM	36	20	21.92	21.79	21.76	22.7	3
15	64QAM	36	39	21.89	21.87	21.85		
15	64QAM	75	0	21.89	21.90	21.77		
15	256QAM	1	0	19.66	19.62	19.57		
15	256QAM	1	37	19.54	19.55	19.54	20.7	5
15	256QAM	1	74	19.54	19.48	19.49		
15	256QAM	36	0	19.95	19.86	19.82		
15	256QAM	36	20	19.90	19.75	19.81	20.7	5
15	256QAM	36	39	19.79	19.75	19.80		
15	256QAM	75	0	19.79	19.65	19.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.00	24.95	24.98		
10	QPSK	1	25	24.93	24.83	24.72	25.7	0
10	QPSK	1	49	24.92	24.81	24.88		
10	QPSK	25	0	23.97	23.92	23.90		
10	QPSK	25	12	23.93	23.85	23.80	24.7	1
10	QPSK	25	25	23.88	23.91	23.85		
10	QPSK	50	0	23.91	23.89	23.81		
10	16QAM	1	0	24.00	23.90	23.79		
10	16QAM	1	25	24.02	23.93	23.71	24.7	1
10	16QAM	1	49	23.93	23.91	23.83		
10	16QAM	25	0	22.94	22.88	22.82		
10	16QAM	25	12	22.91	22.84	22.82	23.7	2
10	16QAM	25	25	22.98	22.91	22.79		
10	16QAM	50	0	22.93	22.83	22.80		
10	64QAM	1	0	22.66	22.63	22.56		
10	64QAM	1	25	22.62	22.56	22.53	23.7	2
10	64QAM	1	49	22.67	22.56	22.52		
10	64QAM	25	0	21.94	21.82	21.74		
10	64QAM	25	12	21.87	21.77	21.76	22.7	3
10	64QAM	25	25	21.89	21.88	21.79		
10	64QAM	50	0	21.95	21.90	21.82		
10	256QAM	1	0	19.71	19.60	19.65		
10	256QAM	1	25	19.56	19.54	19.62	20.7	5
10	256QAM	1	49	19.49	19.51	19.40		
10	256QAM	25	0	19.80	19.85	19.69		
10	256QAM	25	12	19.78	19.81	19.82	20.7	5
10	256QAM	25	25	19.76	19.66	19.72		
10	256QAM	50	0	19.79	19.76	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.93	24.98	24.89		
5	QPSK	1	12	24.90	24.87	24.71	25.7	0
5	QPSK	1	24	24.91	24.86	24.88		
5	QPSK	12	0	23.91	23.93	23.92		
5	QPSK	12	7	23.92	23.80	23.73	24.7	1
5	QPSK	12	13	23.95	23.84	23.80		
5	QPSK	25	0	23.90	23.96	23.78		
5	16QAM	1	0	23.99	23.84	23.81		
5	16QAM	1	12	24.03	23.92	23.76	24.7	1
5	16QAM	1	24	23.98	23.93	23.88		
5	16QAM	12	0	22.92	22.86	22.73		
5	16QAM	12	7	22.91	22.83	22.74	23.7	2
5	16QAM	12	13	22.94	22.88	22.83		
5	16QAM	25	0	22.94	22.84	22.80		
5	64QAM	1	0	22.62	22.60	22.57		
5	64QAM	1	12	22.63	22.59	22.51	23.7	2
5	64QAM	1	24	22.64	22.55	22.55		
5	64QAM	12	0	21.96	21.81	21.79		
5	64QAM	12	7	21.94	21.82	21.77	22.7	3
5	64QAM	12	13	21.89	21.86	21.78		
5	64QAM	25	0	21.89	21.88	21.77		
5	256QAM	1	0	19.67	19.70	19.61		
5	256QAM	1	12	19.66	19.62	19.51	20.7	5
5	256QAM	1	24	19.54	19.59	19.41		
5	256QAM	12	0	19.87	19.79	19.75		
5	256QAM	12	7	19.90	19.75	19.90	20.7	5
5	256QAM	12	13	19.79	19.65	19.83		
5	256QAM	25	0	19.82	19.75	19.62		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.55	23.43		
20	QPSK	1	49	23.50	23.53	23.33	24.5	0
20	QPSK	1	99	23.50	23.52	23.39		
20	QPSK	50	0	22.54	22.56	22.45		
20	QPSK	50	24	22.53	22.45	22.35	23.5	1
20	QPSK	50	50	22.52	22.46	22.38		
20	QPSK	100	0	22.53	22.55	22.38		
20	16QAM	1	0	22.58	22.46	22.40		
20	16QAM	1	49	22.59	22.45	22.32	23.5	1
20	16QAM	1	99	22.57	22.46	22.38		
20	16QAM	50	0	21.54	21.45	21.36		
20	16QAM	50	24	21.53	21.44	21.34	22.5	2
20	16QAM	50	50	21.54	21.46	21.37		
20	16QAM	100	0	21.55	21.45	21.38		
20	64QAM	1	0	21.33	21.21	21.12		
20	64QAM	1	49	21.34	21.25	21.09	22.5	2
20	64QAM	1	99	21.25	21.17	21.13		
20	64QAM	50	0	20.52	20.44	20.35		
20	64QAM	50	24	20.51	20.43	20.33	21.5	3
20	64QAM	50	50	20.55	20.44	20.36		
20	64QAM	100	0	20.54	20.43	20.37		
20	256QAM	1	0	18.31	18.28	18.33		
20	256QAM	1	49	18.14	18.14	18.09	19.5	5
20	256QAM	1	99	18.04	18.06	18.01		
20	256QAM	50	0	18.36	18.41	18.42		
20	256QAM	50	24	18.30	18.36	18.36	19.5	5
20	256QAM	50	50	18.25	18.33	18.40		
20	256QAM	100	0	18.29	18.31	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.44	23.41		
15	QPSK	1	37	23.41	23.47	23.23	24.5	0
15	QPSK	1	74	23.44	23.47	23.31		
15	QPSK	36	0	22.43	22.51	22.35		
15	QPSK	36	20	22.47	22.35	22.33	23.5	1
15	QPSK	36	39	22.50	22.38	22.33		
15	QPSK	75	0	22.44	22.47	22.32		
15	16QAM	1	0	22.52	22.36	22.29		
15	16QAM	1	37	22.51	22.35	22.25	23.5	1
15	16QAM	1	74	22.50	22.41	22.33		
15	16QAM	36	0	21.43	21.34	21.29		
15	16QAM	36	20	21.45	21.35	21.25	22.5	2
15	16QAM	36	39	21.50	21.40	21.31		
15	16QAM	75	0	21.50	21.35	21.27		
15	64QAM	1	0	21.29	21.11	21.04		
15	64QAM	1	37	21.31	21.15	20.98	22.5	2
15	64QAM	1	74	21.17	21.15	21.05		
15	64QAM	36	0	20.47	20.33	20.30		
15	64QAM	36	20	20.48	20.34	20.31	21.5	3
15	64QAM	36	39	20.45	20.42	20.25		
15	64QAM	75	0	20.48	20.32	20.31		
15	256QAM	1	0	18.30	18.29	18.34		
15	256QAM	1	37	18.17	18.21	18.15	19.5	5
15	256QAM	1	74	18.09	18.07	18.00		
15	256QAM	36	0	18.43	18.33	18.49		
15	256QAM	36	20	18.30	18.33	18.33	19.5	5
15	256QAM	36	39	18.30	18.32	18.33		
15	256QAM	75	0	18.26	18.26	18.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.51	23.51	23.41		
10	QPSK	1	25	23.41	23.48	23.25	24.5	0
10	QPSK	1	49	23.41	23.45	23.35		
10	QPSK	25	0	22.52	22.45	22.43		
10	QPSK	25	12	22.43	22.35	22.33	23.5	1
10	QPSK	25	25	22.43	22.42	22.30		
10	QPSK	50	0	22.49	22.53	22.33		
10	16QAM	1	0	22.47	22.35	22.37		
10	16QAM	1	25	22.55	22.34	22.30	23.5	1
10	16QAM	1	49	22.51	22.40	22.27		
10	16QAM	25	0	21.49	21.42	21.25		
10	16QAM	25	12	21.44	21.40	21.29	22.5	2
10	16QAM	25	25	21.51	21.38	21.32		
10	16QAM	50	0	21.46	21.37	21.27		
10	64QAM	1	0	21.30	21.13	21.05		
10	64QAM	1	25	21.26	21.19	21.04	22.5	2
10	64QAM	1	49	21.15	21.11	21.04		
10	64QAM	25	0	20.47	20.35	20.33		
10	64QAM	25	12	20.47	20.32	20.29	21.5	3
10	64QAM	25	25	20.48	20.41	20.31		
10	64QAM	50	0	20.51	20.34	20.27		
10	256QAM	1	0	18.34	18.30	18.30		
10	256QAM	1	25	18.07	18.08	18.14	19.5	5
10	256QAM	1	49	18.07	18.05	18.09		
10	256QAM	25	0	18.39	18.33	18.42		
10	256QAM	25	12	18.34	18.37	18.32	19.5	5
10	256QAM	25	25	18.28	18.25	18.37		
10	256QAM	50	0	18.35	18.31	18.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.51	23.36		
5	QPSK	1	12	23.42	23.44	23.28	24.5	0
5	QPSK	1	24	23.46	23.45	23.31		
5	QPSK	12	0	22.49	22.46	22.34		
5	QPSK	12	7	22.50	22.43	22.24	23.5	1
5	QPSK	12	13	22.45	22.39	22.35		
5	QPSK	25	0	22.47	22.53	22.36		
5	16QAM	1	0	22.52	22.38	22.37		
5	16QAM	1	12	22.52	22.38	22.27	23.5	1
5	16QAM	1	24	22.47	22.41	22.32		
5	16QAM	12	0	21.51	21.35	21.28		
5	16QAM	12	7	21.43	21.36	21.23	22.5	2
5	16QAM	12	13	21.43	21.43	21.35		
5	16QAM	25	0	21.46	21.36	21.36		
5	64QAM	1	0	21.29	21.11	21.10		
5	64QAM	1	12	21.31	21.16	21.02	22.5	2
5	64QAM	1	24	21.21	21.08	21.05		
5	64QAM	12	0	20.46	20.34	20.33		
5	64QAM	12	7	20.45	20.35	20.22	21.5	3
5	64QAM	12	13	20.47	20.38	20.30		
5	64QAM	25	0	20.52	20.37	20.30		
5	256QAM	1	0	18.37	18.34	18.29		
5	256QAM	1	12	18.11	18.07	18.12	19.5	5
5	256QAM	1	24	17.98	18.02	17.98		
5	256QAM	12	0	18.32	18.34	18.34		
5	256QAM	12	7	18.32	18.36	18.34	19.5	5
5	256QAM	12	13	18.32	18.25	18.39		
5	256QAM	25	0	18.24	18.30	18.19		

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	24.67	24.68	24.62		
20	QPSK	1	49	24.62	24.59	24.44	25.7	0
20	QPSK	1	99	24.60	24.59	24.56		
20	QPSK	50	0	23.68	23.70	23.65		
20	QPSK	50	24	23.66	23.63	23.56	24.7	1
20	QPSK	50	50	23.65	23.67	23.61		
20	QPSK	100	0	23.63	23.68	23.61		
20	16QAM	1	0	23.68	23.63	23.61		
20	16QAM	1	49	23.73	23.68	23.54	24.7	1
20	16QAM	1	99	23.74	23.67	23.62		
20	16QAM	50	0	22.68	22.62	22.58		
20	16QAM	50	24	22.69	22.62	22.57	23.7	2
20	16QAM	50	50	22.73	22.66	22.61		
20	16QAM	100	0	22.67	22.65	22.59		
20	64QAM	1	0	22.43	22.33	22.40		
20	64QAM	1	49	22.46	22.43	22.26	23.7	2
20	64QAM	1	99	22.47	22.45	22.38		
20	64QAM	50	0	21.65	21.61	21.57		
20	64QAM	50	24	21.66	21.61	21.56	22.7	3
20	64QAM	50	50	21.70	21.64	21.58		
20	64QAM	100	0	21.69	21.61	21.60		
20	256QAM	1	0	19.31	19.28	19.20		
20	256QAM	1	49	19.24	19.25	19.29	20.7	5
20	256QAM	1	99	19.19	19.25	19.27		
20	256QAM	50	0	19.59	19.51	19.43		
20	256QAM	50	24	19.55	19.49	19.46	20.7	5
20	256QAM	50	50	19.41	19.47	19.47		
20	256QAM	100	0	19.48	19.45	19.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.63	24.64	24.59		
15	QPSK	1	37	24.59	24.50	24.38	25.7	0
15	QPSK	1	74	24.58	24.55	24.45		
15	QPSK	36	0	23.63	23.60	23.55		
15	QPSK	36	20	23.55	23.53	23.50	24.7	1
15	QPSK	36	39	23.58	23.65	23.50		
15	QPSK	75	0	23.59	23.66	23.55		
15	16QAM	1	0	23.66	23.58	23.57		
15	16QAM	1	37	23.64	23.64	23.45	24.7	1
15	16QAM	1	74	23.72	23.63	23.54		
15	16QAM	36	0	22.66	22.60	22.48		
15	16QAM	36	20	22.65	22.57	22.53	23.7	2
15	16QAM	36	39	22.68	22.64	22.50		
15	16QAM	75	0	22.61	22.62	22.52		
15	64QAM	1	0	22.33	22.28	22.37		
15	64QAM	1	37	22.42	22.40	22.17	23.7	2
15	64QAM	1	74	22.37	22.40	22.27		
15	64QAM	36	0	21.62	21.51	21.54		
15	64QAM	36	20	21.61	21.51	21.51	22.7	3
15	64QAM	36	39	21.59	21.55	21.55		
15	64QAM	75	0	21.67	21.57	21.58		
15	256QAM	1	0	19.30	19.30	19.18		
15	256QAM	1	37	19.22	19.23	19.24	20.7	5
15	256QAM	1	74	19.17	19.22	19.20		
15	256QAM	36	0	19.66	19.47	19.49		
15	256QAM	36	20	19.52	19.53	19.42	20.7	5
15	256QAM	36	39	19.46	19.40	19.42		
15	256QAM	75	0	19.54	19.40	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.60	24.60	24.51		
10	QPSK	1	25	24.54	24.50	24.35	25.7	0
10	QPSK	1	49	24.52	24.53	24.47		
10	QPSK	25	0	23.61	23.66	23.61		
10	QPSK	25	12	23.60	23.54	23.47	24.7	1
10	QPSK	25	25	23.60	23.65	23.51		
10	QPSK	50	0	23.58	23.61	23.50		
10	16QAM	1	0	23.64	23.59	23.53		
10	16QAM	1	25	23.69	23.66	23.49	24.7	1
10	16QAM	1	49	23.68	23.57	23.55		
10	16QAM	25	0	22.61	22.51	22.56		
10	16QAM	25	12	22.66	22.59	22.48	23.7	2
10	16QAM	25	25	22.70	22.60	22.50		
10	16QAM	50	0	22.56	22.61	22.56		
10	64QAM	1	0	22.34	22.24	22.35		
10	64QAM	1	25	22.38	22.34	22.19	23.7	2
10	64QAM	1	49	22.36	22.38	22.30		
10	64QAM	25	0	21.57	21.55	21.52		
10	64QAM	25	12	21.60	21.53	21.50	22.7	3
10	64QAM	25	25	21.59	21.58	21.55		
10	64QAM	50	0	21.63	21.51	21.50		
10	256QAM	1	0	19.28	19.28	19.13		
10	256QAM	1	25	19.31	19.28	19.25	20.7	5
10	256QAM	1	49	19.12	19.28	19.21		
10	256QAM	25	0	19.53	19.45	19.43		
10	256QAM	25	12	19.52	19.44	19.46	20.7	5
10	256QAM	25	25	19.47	19.51	19.53		
10	256QAM	50	0	19.53	19.51	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.65	24.59	24.55		
5	QPSK	1	12	24.56	24.52	24.40	25.7	0
5	QPSK	1	24	24.49	24.49	24.54		
5	QPSK	12	0	23.66	23.67	23.54		
5	QPSK	12	7	23.55	23.56	23.50	24.7	1
5	QPSK	12	13	23.54	23.56	23.57		
5	QPSK	25	0	23.52	23.66	23.53		
5	16QAM	1	0	23.58	23.55	23.51		
5	16QAM	1	12	23.64	23.58	23.50	24.7	1
5	16QAM	1	24	23.71	23.65	23.51		
5	16QAM	12	0	22.63	22.58	22.52		
5	16QAM	12	7	22.62	22.58	22.53	23.7	2
5	16QAM	12	13	22.71	22.63	22.53		
5	16QAM	25	0	22.60	22.61	22.54		
5	64QAM	1	0	22.40	22.23	22.32		
5	64QAM	1	12	22.37	22.39	22.24	23.7	2
5	64QAM	1	24	22.38	22.41	22.30		
5	64QAM	12	0	21.55	21.52	21.51		
5	64QAM	12	7	21.56	21.58	21.54	22.7	3
5	64QAM	12	13	21.60	21.57	21.53		
5	64QAM	25	0	21.65	21.58	21.57		
5	256QAM	1	0	19.33	19.31	19.21		
5	256QAM	1	12	19.17	19.28	19.29	20.7	5
5	256QAM	1	24	19.24	19.25	19.32		
5	256QAM	12	0	19.54	19.53	19.50		
5	256QAM	12	7	19.59	19.44	19.38	20.7	5
5	256QAM	12	13	19.35	19.54	19.53		
5	256QAM	25	0	19.40	19.40	19.58		

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Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.02	24.05	23.95	25	0
20	QPSK	1	49	24.01	23.99	23.79		
20	QPSK	1	99	23.91	24.00	23.88		
20	QPSK	50	0	22.95	22.98	22.92	24	1
20	QPSK	50	24	22.92	22.91	22.82		
20	QPSK	50	50	22.93	22.91	22.87		
20	QPSK	100	0	22.92	22.97	22.87		
20	16QAM	1	0	22.99	22.89	22.85	24	1
20	16QAM	1	49	23.00	22.94	22.81		
20	16QAM	1	99	23.00	22.92	22.91		
20	16QAM	50	0	21.93	21.90	21.85	23	2
20	16QAM	50	24	21.95	21.89	21.83		
20	16QAM	50	50	21.98	21.92	21.88		
20	16QAM	100	0	21.95	21.90	21.86		
20	64QAM	1	0	21.72	21.62	21.56	23	2
20	64QAM	1	49	21.69	21.70	21.54		
20	64QAM	1	99	21.79	21.63	21.63		
20	64QAM	50	0	20.93	20.88	20.83	22	3
20	64QAM	50	24	20.92	20.87	20.81		
20	64QAM	50	50	20.97	20.90	20.86		
20	64QAM	100	0	20.94	20.88	20.86		
20	256QAM	1	0	18.62	18.68	18.71	20	5
20	256QAM	1	49	18.47	18.54	18.58		
20	256QAM	1	99	18.54	18.51	18.58		
20	256QAM	50	0	18.86	18.79	18.84	20	5
20	256QAM	50	24	18.70	18.71	18.71		
20	256QAM	50	50	18.68	18.65	18.71		
20	256QAM	100	0	18.65	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.99	24.02	23.84	25	0
15	QPSK	1	37	23.95	23.94	23.70		
15	QPSK	1	74	23.80	23.89	23.82		
15	QPSK	36	0	22.93	22.95	22.84	24	1
15	QPSK	36	20	22.81	22.89	22.78		
15	QPSK	36	39	22.84	22.83	22.84		
15	QPSK	75	0	22.81	22.87	22.83		
15	16QAM	1	0	22.97	22.83	22.76	24	1
15	16QAM	1	37	22.94	22.89	22.71		
15	16QAM	1	74	22.90	22.84	22.88		
15	16QAM	36	0	21.89	21.83	21.75	23	2
15	16QAM	36	20	21.93	21.83	21.74		
15	16QAM	36	39	21.89	21.83	21.83		
15	16QAM	75	0	21.92	21.86	21.78		
15	64QAM	1	0	21.62	21.51	21.52	23	2
15	64QAM	1	37	21.58	21.63	21.43		
15	64QAM	1	74	21.72	21.59	21.58		
15	64QAM	36	0	20.87	20.80	20.77	22	3
15	64QAM	36	20	20.87	20.83	20.74		
15	64QAM	36	39	20.87	20.82	20.78		
15	64QAM	75	0	20.84	20.77	20.81		
15	256QAM	1	0	18.67	18.75	18.77	20	5
15	256QAM	1	37	18.42	18.52	18.51		
15	256QAM	1	74	18.47	18.50	18.58		
15	256QAM	36	0	18.81	18.71	18.77	20	5
15	256QAM	36	20	18.73	18.64	18.73		
15	256QAM	36	39	18.67	18.73	18.66		
15	256QAM	75	0	18.62	18.55	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.99	23.95	23.84	25	0
10	QPSK	1	25	23.98	23.95	23.69		
10	QPSK	1	49	23.84	23.91	23.85		
10	QPSK	25	0	22.92	22.89	22.83	24	1
10	QPSK	25	12	22.86	22.89	22.71		
10	QPSK	25	25	22.88	22.88	22.82		
10	QPSK	50	0	22.83	22.90	22.78		
10	16QAM	1	0	22.96	22.80	22.75	24	1
10	16QAM	1	25	22.91	22.89	22.78		
10	16QAM	1	49	22.98	22.88	22.89		
10	16QAM	25	0	21.83	21.83	21.83	23	2
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.95	21.82	21.78		
10	16QAM	50	0	21.85	21.79	21.75		
10	64QAM	1	0	21.63	21.52	21.48	23	2
10	64QAM	1	25	21.65	21.62	21.52		
10	64QAM	1	49	21.75	21.56	21.53		
10	64QAM	25	0	20.82	20.84	20.75	22	3
10	64QAM	25	12	20.83	20.85	20.74		
10	64QAM	25	25	20.95	20.86	20.84		
10	64QAM	50	0	20.90	20.81	20.78		
10	256QAM	1	0	18.57	18.63	18.63	20	5
10	256QAM	1	25	18.52	18.59	18.60		
10	256QAM	1	49	18.53	18.59	18.53		
10	256QAM	25	0	18.73	18.75	18.90	20	5
10	256QAM	25	12	18.71	18.74	18.78		
10	256QAM	25	25	18.68	18.67	18.70		
10	256QAM	50	0	18.67	18.60	18.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.97	23.97	23.88	25	0
5	QPSK	1	12	23.95	23.95	23.68		
5	QPSK	1	24	23.88	23.96	23.79		
5	QPSK	12	0	22.90	22.96	22.89	24	1
5	QPSK	12	7	22.89	22.82	22.77		
5	QPSK	12	13	22.86	22.85	22.81		
5	QPSK	25	0	22.84	22.90	22.82		
5	16QAM	1	0	22.88	22.81	22.78	24	1
5	16QAM	1	12	22.96	22.85	22.72		
5	16QAM	1	24	22.91	22.85	22.82		
5	16QAM	12	0	21.91	21.86	21.77	23	2
5	16QAM	12	7	21.93	21.81	21.75		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.85	21.79	21.84		
5	64QAM	1	0	21.61	21.60	21.47	23	2
5	64QAM	1	12	21.66	21.68	21.45		
5	64QAM	1	24	21.73	21.61	21.52		
5	64QAM	12	0	20.88	20.83	20.75	22	3
5	64QAM	12	7	20.90	20.76	20.75		
5	64QAM	12	13	20.88	20.85	20.79		
5	64QAM	25	0	20.89	20.86	20.80		
5	256QAM	1	0	18.62	18.65	18.64	20	5
5	256QAM	1	12	18.46	18.56	18.58		
5	256QAM	1	24	18.52	18.45	18.50		
5	256QAM	12	0	18.93	18.72	18.84	20	5
5	256QAM	12	7	18.78	18.70	18.67		
5	256QAM	12	13	18.66	18.66	18.77		
5	256QAM	25	0	18.59	18.64	18.71		

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	25.21	25.25	25.20	24.95	24.91	25.7	0
20	QPSK	1	49	25.20	25.02	25.18	24.92	24.81		
20	QPSK	1	99	25.20	25.14	25.16	24.92	24.90		
20	QPSK	50	0	24.15	24.20	24.18	23.93	23.95	24.7	1
20	QPSK	50	24	24.13	24.02	24.17	23.85	23.86		
20	QPSK	50	50	24.08	24.02	24.13	23.87	23.94		
20	QPSK	100	0	24.17	24.18	24.15	23.87	23.88		
20	16QAM	1	0	24.19	24.04	24.09	23.81	23.81	24.7	1
20	16QAM	1	49	24.22	24.11	24.18	23.91	23.89		
20	16QAM	1	99	24.19	24.03	24.25	23.93	24.04		
20	16QAM	50	0	23.13	23.02	23.16	22.83	22.81	23.7	2
20	16QAM	50	24	23.11	23.02	23.18	22.85	22.87		
20	16QAM	50	50	23.18	23.02	23.23	22.86	22.95		
20	16QAM	100	0	23.16	22.98	23.19	22.85	22.88		
20	64QAM	1	0	22.90	22.76	22.83	22.58	22.53	23.7	2
20	64QAM	1	49	22.90	22.78	22.87	22.67	22.61		
20	64QAM	1	99	22.89	22.73	22.95	22.67	22.75		
20	64QAM	50	0	22.14	22.01	22.15	21.83	21.79	22.7	3
20	64QAM	50	24	22.13	22.00	22.17	21.85	21.87		
20	64QAM	50	50	22.18	22.00	22.21	21.86	21.95		
20	64QAM	100	0	22.17	21.99	22.17	21.86	21.89		
20	256QAM	1	0	19.73	19.73	19.66	19.76	19.75	20.7	5
20	256QAM	1	49	19.68	19.67	19.74	19.71	19.66		
20	256QAM	1	99	19.56	19.56	19.56	19.56	19.53		
20	256QAM	50	0	19.94	19.92	20.00	19.92	19.96	20.7	5
20	256QAM	50	24	19.87	19.88	19.94	19.90	19.86		
20	256QAM	50	50	19.84	19.79	19.81	19.81	19.73		
20	256QAM	100	0	19.77	19.83	19.82	19.88	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	25.17	25.14	25.16	24.86	24.83	25.7	0
15	QPSK	1	37	25.10	25.11	24.98	24.85	24.73		
15	QPSK	1	74	25.10	25.12	25.10	24.88	24.87		
15	QPSK	36	0	24.10	24.16	24.15	23.87	23.84	24.7	1
15	QPSK	36	20	24.02	24.13	23.98	23.83	23.81		
15	QPSK	36	39	24.03	24.09	23.91	23.77	23.89		
15	QPSK	75	0	24.09	24.06	24.14	23.85	23.83		
15	16QAM	1	0	24.09	24.04	23.95	23.77	23.74	24.7	1
15	16QAM	1	37	24.12	24.07	24.07	23.84	23.79		
15	16QAM	1	74	24.09	24.18	23.93	23.87	23.97		
15	16QAM	36	0	23.07	23.06	22.94	22.78	22.73	23.7	2
15	16QAM	36	20	23.04	23.08	22.95	22.83	22.82		
15	16QAM	36	39	23.12	23.13	22.94	22.79	22.92		
15	16QAM	75	0	23.11	23.14	22.94	22.80	22.80		
15	64QAM	1	0	22.84	22.81	22.68	22.51	22.44	23.7	2
15	64QAM	1	37	22.85	22.82	22.76	22.65	22.50		
15	64QAM	1	74	22.83	22.93	22.82	22.56	22.66		
15	64QAM	36	0	22.08	22.08	21.96	21.80	21.71	22.7	3
15	64QAM	36	20	22.07	22.09	21.93	21.82	21.83		
15	64QAM	36	39	22.12	22.10	21.91	21.84	21.88		
15	64QAM	75	0	22.13	22.15	21.89	21.84	21.79		
15	256QAM	1	0	19.77	19.72	19.72	19.84	19.76	20.7	5
15	256QAM	1	37	19.63	19.67	19.69	19.64	19.73		
15	256QAM	1	74	19.49	19.50	19.60	19.59	19.54		
15	256QAM	36	0	19.91	19.99	20.00	19.91	20.02	20.7	5
15	256QAM	36	20	19.83	20.00	19.92	19.98	19.93		
15	256QAM	36	39	19.78	19.88	19.83	19.80	19.75		
15	256QAM	75	0	19.82	19.80	19.78	19.93	19.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.16	25.12	25.19	24.89	24.83	25.7	0
10	QPSK	1	25	25.14	25.15	24.95	24.89	24.76		
10	QPSK	1	49	25.13	25.08	25.04	24.87	24.81		
10	QPSK	25	0	24.12	24.11	24.16	23.86	23.86	24.7	1
10	QPSK	25	12	24.05	24.07	23.93	23.75	23.76		
10	QPSK	25	25	23.97	24.08	23.95	23.77	23.88		
10	QPSK	50	0	24.08	24.06	24.07	23.85	23.82		
10	16QAM	1	0	24.14	24.04	24.00	23.73	23.78	24.7	1
10	16QAM	1	25	24.12	24.10	24.05	23.88	23.79		
10	16QAM	1	49	24.10	24.14	23.95	23.90	23.99		
10	16QAM	25	0	23.10	23.09	22.92	22.79	22.77	23.7	2
10	16QAM	25	12	23.07	23.15	23.00	22.83	22.77		
10	16QAM	25	25	23.12	23.12	22.91	22.80	22.86		
10	16QAM	50	0	23.08	23.15	22.96	22.74	22.85		
10	64QAM	1	0	22.81	22.77	22.74	22.49	22.42	23.7	2
10	64QAM	1	25	22.81	22.77	22.68	22.57	22.53		
10	64QAM	1	49	22.79	22.90	22.70	22.57	22.68		
10	64QAM	25	0	22.09	22.06	21.96	21.77	21.73	22.7	3
10	64QAM	25	12	22.06	22.11	21.97	21.76	21.83		
10	64QAM	25	25	22.14	22.13	21.95	21.78	21.91		
10	64QAM	50	0	22.08	22.12	21.89	21.81	21.82		
10	256QAM	1	0	19.73	19.69	19.74	19.72	19.68	20.7	5
10	256QAM	1	25	19.70	19.81	19.74	19.75	19.58		
10	256QAM	1	49	19.62	19.55	19.48	19.51	19.50		
10	256QAM	25	0	19.96	20.00	19.84	19.97	19.89	20.7	5
10	256QAM	25	12	19.79	19.87	19.92	19.82	19.87		
10	256QAM	25	25	19.86	19.78	19.74	19.81	19.73		
10	256QAM	50	0	19.75	19.79	19.83	19.89	19.84		
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	25.16	25.15	25.21	24.93	24.84	25.7	0
5	QPSK	1	12	25.11	25.07	24.94	24.85	24.74		
5	QPSK	1	24	25.12	25.12	25.11	24.81	24.82		
5	QPSK	12	0	24.08	24.13	24.09	23.83	23.84	24.7	1
5	QPSK	12	7	24.10	24.15	23.95	23.81	23.80		
5	QPSK	12	13	23.99	24.04	23.98	23.79	23.89		
5	QPSK	25	0	24.10	24.05	24.08	23.83	23.77		
5	16QAM	1	0	24.14	24.06	23.95	23.72	23.76	24.7	1
5	16QAM	1	12	24.18	24.13	24.00	23.84	23.85		
5	16QAM	1	24	24.15	24.16	23.92	23.89	23.96		
5	16QAM	12	0	23.04	23.05	22.92	22.75	22.77	23.7	2
5	16QAM	12	7	23.06	23.09	22.91	22.74	22.81		
5	16QAM	12	13	23.07	23.21	22.99	22.79	22.84		
5	16QAM	25	0	23.12	23.15	22.94	22.83	22.78		
5	64QAM	1	0	22.88	22.77	22.71	22.48	22.48	23.7	2
5	64QAM	1	12	22.86	22.81	22.73	22.56	22.55		
5	64QAM	1	24	22.86	22.88	22.66	22.63	22.64		
5	64QAM	12	0	22.09	22.07	21.99	21.75	21.75	22.7	3
5	64QAM	12	7	22.04	22.06	21.91	21.75	21.77		
5	64QAM	12	13	22.08	22.14	21.96	21.80	21.84		
5	64QAM	25	0	22.07	22.14	21.96	21.83	21.82		
5	256QAM	1	0	19.80	19.64	19.70	19.81	19.74	20.7	5
5	256QAM	1	12	19.64	19.73	19.66	19.74	19.69		
5	256QAM	1	24	19.48	19.63	19.56	19.64	19.55		
5	256QAM	12	0	19.97	20.00	19.85	19.99	19.98	20.7	5
5	256QAM	12	7	19.91	19.89	19.93	19.93	19.78		
5	256QAM	12	13	19.81	19.84	19.76	19.83	19.76		
5	256QAM	25	0	19.79	19.86	19.91	19.88	19.88		

Band 41_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.98	23.57	23.33	23.10	25	0
20	QPSK	1	49	23.80	23.96	23.53	23.28	23.02		
20	QPSK	1	99	23.82	23.82	23.54	23.31	23.09		
20	QPSK	50	0	22.81	22.93	22.57	22.30	22.15	24	1
20	QPSK	50	24	22.80	22.87	22.56	22.27	22.14		
20	QPSK	50	50	22.78	22.91	22.52	22.28	22.10		
20	QPSK	100	0	22.82	22.91	22.53	22.26	22.16		
20	16QAM	1	0	22.78	22.95	22.59	22.26	22.09	24	1
20	16QAM	1	49	22.85	22.92	22.59	22.34	22.12		
20	16QAM	1	99	22.85	22.90	22.51	22.30	22.30		
20	16QAM	50	0	21.80	21.90	21.57	21.25	21.10	23	2
20	16QAM	50	24	21.79	21.88	21.56	21.27	21.12		
20	16QAM	50	50	21.85	21.92	21.54	21.27	21.21		
20	16QAM	100	0	21.80	21.90	21.51	21.27	21.16		
20	64QAM	1	0	21.54	21.64	21.33	21.00	21.08	23	2
20	64QAM	1	49	21.53	21.64	21.33	21.08	21.05		
20	64QAM	1	99	21.60	21.61	21.27	21.03	21.01		
20	64QAM	50	0	20.80	20.87	20.57	20.25	20.10	22	3
20	64QAM	50	24	20.81	20.87	20.53	20.25	20.14		
20	64QAM	50	50	20.84	20.92	20.51	20.27	20.22		
20	64QAM	100	0	20.82	20.89	20.51	20.26	20.17		
20	256QAM	1	0	18.51	18.52	18.05	18.06	18.05	20	5
20	256QAM	1	49	18.44	18.47	18.03	18.03	18.03		
20	256QAM	1	99	18.45	18.45	18.09	18.03	18.02		
20	256QAM	50	0	18.70	18.71	18.29	18.12	18.05	20	5
20	256QAM	50	24	18.75	18.73	18.40	18.17	18.10		
20	256QAM	50	50	18.78	18.75	18.38	18.22	18.09		
20	256QAM	100	0	18.64	18.68	18.24	18.07	18.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.91	23.78	23.48	23.29	23.06	25	0
15	QPSK	1	37	23.88	23.71	23.45	23.17	23.05		
15	QPSK	1	74	23.79	23.74	23.45	23.23	23.00		
15	QPSK	36	0	22.84	22.74	22.54	22.23	22.09	24	1
15	QPSK	36	20	22.76	22.75	22.47	22.24	22.09		
15	QPSK	36	39	22.84	22.74	22.41	22.22	22.00		
15	QPSK	75	0	22.82	22.75	22.44	22.15	22.08		
15	16QAM	1	0	22.86	22.75	22.51	22.21	22.00	24	1
15	16QAM	1	37	22.88	22.83	22.57	22.28	22.09		
15	16QAM	1	74	22.87	22.82	22.43	22.25	22.27		
15	16QAM	36	0	21.85	21.75	21.53	21.15	21.08	23	2
15	16QAM	36	20	21.84	21.74	21.51	21.24	21.07		
15	16QAM	36	39	21.90	21.80	21.46	21.16	21.16		
15	16QAM	75	0	21.84	21.70	21.43	21.23	21.06		
15	64QAM	1	0	21.55	21.46	21.28	21.05	21.03	23	2
15	64QAM	1	37	21.59	21.51	21.28	21.01	21.05		
15	64QAM	1	74	21.55	21.53	21.18	21.06	21.04		
15	64QAM	36	0	20.82	20.73	20.46	20.19	20.06	22	3
15	64QAM	36	20	20.82	20.75	20.43	20.20	20.07		
15	64QAM	36	39	20.84	20.75	20.43	20.23	20.13		
15	64QAM	75	0	20.84	20.72	20.45	20.16	20.12		
15	256QAM	1	0	18.47	18.56	18.06	18.02	18.05	20	5
15	256QAM	1	37	18.45	18.41	18.00	18.05	18.04		
15	256QAM	1	74	18.52	18.42	18.06	18.06	18.06		
15	256QAM	36	0	18.76	18.63	18.37	18.12	18.05	20	5
15	256QAM	36	20	18.78	18.68	18.32	18.23	18.06		
15	256QAM	36	39	18.81	18.79	18.31	18.25	18.04		
15	256QAM	75	0	18.71	18.59	18.24	18.06	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	23.82	23.54	23.30	23.04	25	0
10	QPSK	1	25	23.92	23.76	23.44	23.19	23.05		
10	QPSK	1	49	23.73	23.73	23.48	23.28	23.04		
10	QPSK	25	0	22.91	22.75	22.51	22.28	22.07	24	1
10	QPSK	25	12	22.80	22.72	22.48	22.24	22.12		
10	QPSK	25	25	22.87	22.74	22.43	22.24	22.08		
10	QPSK	50	0	22.81	22.75	22.50	22.23	22.05		
10	16QAM	1	0	22.92	22.68	22.50	22.23	22.01	24	1
10	16QAM	1	25	22.84	22.82	22.48	22.28	22.09		
10	16QAM	1	49	22.82	22.80	22.45	22.23	22.22		
10	16QAM	25	0	21.81	21.77	21.52	21.23	21.06	23	2
10	16QAM	25	12	21.85	21.76	21.51	21.21	21.06		
10	16QAM	25	25	21.83	21.81	21.45	21.25	21.18		
10	16QAM	50	0	21.79	21.71	21.42	21.22	21.12		
10	64QAM	1	0	21.62	21.49	21.22	21.06	21.03	23	2
10	64QAM	1	25	21.58	21.42	21.26	21.04	21.02		
10	64QAM	1	49	21.52

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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	24.68	24.88	24.76	24.66	24.75	25.7	0
20	QPSK	1	49	24.62	24.79	24.71	24.55	24.57		
20	QPSK	1	99	24.62	24.85	24.74	24.62	24.72		
20	QPSK	50	0	23.72	23.80	23.75	23.60	23.65	24.7	1
20	QPSK	50	24	23.66	23.78	23.74	23.55	23.56		
20	QPSK	50	50	23.70	23.75	23.73	23.57	23.64		
20	QPSK	100	0	23.70	23.79	23.71	23.57	23.60		
20	16QAM	1	0	23.72	23.69	23.73	23.54	23.51	24.7	1
20	16QAM	1	49	23.70	23.79	23.82	23.63	23.58		
20	16QAM	1	99	23.70	23.89	23.73	23.62	23.74		
20	16QAM	50	0	22.64	22.74	22.74	22.56	22.53	23.7	2
20	16QAM	50	24	22.65	22.78	22.74	22.57	22.57		
20	16QAM	50	50	22.69	22.86	22.74	22.58	22.64		
20	16QAM	100	0	22.69	22.78	22.71	22.57	22.60		
20	64QAM	1	0	22.48	22.42	22.52	22.25	22.24	23.7	2
20	64QAM	1	49	22.40	22.51	22.53	22.36	22.31		
20	64QAM	1	99	22.40	22.62	22.46	22.36	22.46		
20	64QAM	50	0	21.67	21.73	21.73	21.53	21.52	22.7	3
20	64QAM	50	24	21.66	21.78	21.73	21.55	21.57		
20	64QAM	50	50	21.69	21.83	21.72	21.57	21.66		
20	64QAM	100	0	21.69	21.78	21.70	21.56	21.61		
20	256QAM	1	0	19.15	19.30	19.14	19.17	19.08	20.7	5
20	256QAM	1	49	19.03	19.26	19.05	19.09	19.08		
20	256QAM	1	99	18.97	19.20	18.99	19.13	19.05		
20	256QAM	50	0	19.30	19.53	19.30	19.31	19.44	20.7	5
20	256QAM	50	24	19.26	19.48	19.30	19.28	19.26		
20	256QAM	50	50	19.33	19.46	19.30	19.30	19.24		
20	256QAM	100	0	19.33	19.43	19.27	19.27	19.29		
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	24.58	24.85	24.69	24.55	24.69	25.7	0
15	QPSK	1	37	24.53	24.68	24.62	24.48	24.52		
15	QPSK	1	74	24.53	24.76	24.65	24.60	24.70		
15	QPSK	36	0	23.63	23.78	23.67	23.57	23.61	24.7	1
15	QPSK	36	20	23.56	23.72	23.68	23.44	23.49		
15	QPSK	36	39	23.68	23.70	23.68	23.47	23.56		
15	QPSK	75	0	23.59	23.73	23.62	23.48	23.51		
15	16QAM	1	0	23.66	23.64	23.64	23.46	23.42	24.7	1
15	16QAM	1	37	23.68	23.76	23.72	23.52	23.54		
15	16QAM	1	74	23.66	23.81	23.71	23.52	23.72		
15	16QAM	36	0	22.58	22.67	22.71	22.54	22.49	23.7	2
15	16QAM	36	20	22.63	22.76	22.67	22.48	22.55		
15	16QAM	36	39	22.64	22.84	22.64	22.55	22.53		
15	16QAM	75	0	22.65	22.75	22.65	22.47	22.50		
15	64QAM	1	0	22.41	22.37	22.50	22.19	22.22	23.7	2
15	64QAM	1	37	22.31	22.43	22.43	22.27	22.26		
15	64QAM	1	74	22.33	22.52	22.41	22.34	22.38		
15	64QAM	36	0	21.56	21.62	21.69	21.46	21.43	22.7	3
15	64QAM	36	20	21.55	21.75	21.71	21.45	21.55		
15	64QAM	36	39	21.62	21.78	21.67	21.50	21.56		
15	64QAM	75	0	21.63	21.76	21.63	21.51	21.56		
15	256QAM	1	0	19.15	19.37	19.12	19.24	19.05	20.7	5
15	256QAM	1	37	19.11	19.23	18.97	19.12	19.00		
15	256QAM	1	74	19.04	19.24	19.05	19.15	19.02		
15	256QAM	36	0	19.29	19.47	19.29	19.28	19.41	20.7	5
15	256QAM	36	20	19.22	19.52	19.26	19.22	19.30		
15	256QAM	36	39	19.27	19.41	19.36	19.23	19.24		
15	256QAM	75	0	19.33	19.47	19.26	19.19	19.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.83	24.72	24.55	24.71	25.7	0
10	QPSK	1	25	24.59	24.74	24.68	24.46	24.55		
10	QPSK	1	49	24.54	24.77	24.63	24.59	24.69		
10	QPSK	25	0	23.69	23.74	23.65	23.52	23.63	24.7	1
10	QPSK	25	12	23.63	23.74	23.68	23.44	23.48		
10	QPSK	25	25	23.60	23.67	23.62	23.47	23.56		
10	QPSK	50	0	23.62	23.76	23.64	23.46	23.56		
10	16QAM	1	0	23.70	23.62	23.71	23.47	23.48	24.7	1
10	16QAM	1	25	23.66	23.76	23.80	23.54	23.50		
10	16QAM	1	49	23.59	23.85	23.71	23.53	23.68		
10	16QAM	25	0	22.57	22.63	22.65	22.54	22.46	23.7	2
10	16QAM	25	12	22.58	22.72	22.71	22.47	22.47		
10	16QAM	25	25	22.61	22.75	22.67	22.52	22.58		
10	16QAM	50	0	22.63	22.75	22.60	22.53	22.55		
10	64QAM	1	0	22.45	22.37	22.43	22.17	22.16	23.7	2
10	64QAM	1	25	22.29	22.42	22.48	22.33	22.24		
10	64QAM	1	49	22.35	22.51	22.42	22.26	22.43		
10	64QAM	25	0	21.59	21.62	21.68	21.45	21.46	22.7	3
10	64QAM	25	12	21.59	21.73	21.70	21.47	21.53		
10	64QAM	25	25	21.58	21.80	21.65	21.50	21.62		
10	64QAM	50	0	21.60	21.72	21.64	21.51	21.55		
10	256QAM	1	0	19.12	19.29	19.07	19.12	19.06	20.7	5
10	256QAM	1	25	18.97	19.28	19.13	19.02	19.00		
10	256QAM	1	49	18.97	19.26	18.98	19.16	18.99		
10	256QAM	25	0	19.28	19.47	19.36	19.23	19.50	20.7	5
10	256QAM	25	12	19.24	19.51	19.38	19.35	19.32		
10	256QAM	25	25	19.31	19.48	19.35	19.29	19.26		
10	256QAM	50	0	19.33	19.47	19.25	19.24	19.21		
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	24.59	24.81	24.73	24.64	24.72	25.7	0
5	QPSK	1	12	24.55	24.72	24.69	24.47	24.54		
5	QPSK	1	24	24.58	24.78	24.67	24.52	24.65		
5	QPSK	12	0	23.64	23.72	23.65	23.49	23.54	24.7	1
5	QPSK	12	7	23.64	23.73	23.70	23.44	23.47		
5	QPSK	12	13	23.65	23.72	23.65	23.50	23.58		
5	QPSK	25	0	23.63	23.68	23.67	23.48	23.56		
5	16QAM	1	0	23.66	23.60	23.70	23.46	23.48	24.7	1
5	16QAM	1	12	23.61	23.71	23.76	23.52	23.52		
5	16QAM	1	24	23.62	23.78	23.67	23.60	23.69		
5	16QAM	12	0	22.57	22.71	22.72	22.52	22.46	23.7	2
5	16QAM	12	7	22.62	22.71	22.64	22.46	22.48		
5	16QAM	12	13	22.67	22.84	22.67	22.48	22.61		
5	16QAM	25	0	22.62	22.76	22.62	22.47	22.52		
5	64QAM	1	0	22.40	22.31	22.44	22.15	22.19	23.7	2
5	64QAM	1	12	22.38	22.45	22.46	22.31	22.22		
5	64QAM	1	24	22.33	22.57	22.43	22.33	22.40		
5	64QAM	12	0	21.62	21.65	21.68	21.50	21.42	22.7	3
5	64QAM	12	7	21.58	21.72	21.66	21.49	21.46		
5	64QAM	12	13	21.62	21.77	21.70	21.52	21.61		
5	64QAM	25	0	21.63	21.69	21.60	21.49	21.56		
5	256QAM	1	0	19.23	19.33	19.22	19.15	19.10	20.7	5
5	256QAM	1	12	19.05	19.22	18.99	19.02	19.15		
5	256QAM	1	24	18.99	19.17	19.07	19.15	19.10		
5	256QAM	12	0	19.22	19.53	19.27	19.32	19.38	20.7	5
5	256QAM	12	7	19.28	19.47	19.29	19.31	19.22		
5	256QAM	12	13	19.28	19.53	19.27	19.23	19.23		
5	256QAM	25	0	19.37	19.44	19.19	19.24	19.35		

Band 41_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.15	24.38	24.08	23.90	23.81	25.5	0
20	QPSK	1	49	24.11	24.34	24.06	23.88	23.78		
20	QPSK	1	99	24.12	24.36	23.94	23.88	23.80		
20	QPSK	50	0	23.20	23.33	23.02	22.88	22.86	24.5	1
20	QPSK	50	24	23.15	23.24	23.01	22.85	22.85		
20	QPSK	50	50	23.18	23.30	22.99	22.87	22.84		
20	QPSK	100	0	23.17	23.31	22.98	22.87	22.87		
20	16QAM	1	0	23.13	23.32	23.03	22.83	22.89	24.5	1
20	16QAM	1	49	23.18	23.28	23.03	22.90	22.88		
20	16QAM	1	99	23.24	23.28	22.96	22.93	23.02		
20	16QAM	50	0	22.16	22.22	21.99	21.87	21.86	23.5	2
20	16QAM	50	24	22.16	22.27	22.01	21.87	21.84		
20	16QAM	50	50	22.23	22.32	21.98	21.87	21.91		
20	16QAM	100	0	22.16	22.27	21.96	21.85	21.87		
20	64QAM	1	0	21.89	22.04	21.78	21.66	21.62	23.5	2
20	64QAM	1	49	21.93	22.02	21.75	21.64	21.65		
20	64QAM	1	99	21.95	22.11	21.68	21.64	21.72		
20	64QAM	50	0	21.15	21.25	20.99	20.89	20.86	22.5	3
20	64QAM	50	24	21.13	21.26	20.99	20.86	20.85		
20	64QAM	50	50	21.18	21.33	20.98	20.85	20.93		
20	64QAM	100	0	21.14	21.30	20.96	20.87	20.88		
20	256QAM	1	0	18.72	18.78	18.80	18.79	18.74	20.5	5
20	256QAM	1	49	18.77	18.72	18.79	18.75	18.79		
20	256QAM	1	99	18.68	18.75	18.82	18.71	18.75		
20	256QAM	50	0	18.98	18.93	18.90	18.90	18.98	20.5	5
20	256QAM	50	24	18.90	18.98	18.93	18.95	18.93		
20	256QAM	50	50	19.10	19.02	19.04	19.10	18.98		
20	256QAM	100	0	18.96	18.98	18.94	19.05	18.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.31	24.11	23.97	23.80	23.73	25.5	0
15	QPSK	1	37	24.29	24.00	23.97	23.82	23.74		
15	QPSK	1	74	24.34	24.06	23.92	23.83	23.74		
15	QPSK	36	0	23.27	23.11	22.93	22.84	22.81	24.5	1
15	QPSK	36	20	23.14	23.09	22.90	22.81	22.75		
15	QPSK	36	39	23.22	23.11	22.89	22.80	22.74		
15	QPSK	75	0	23.25	23.07	22.90	22.82	22.79		
15	16QAM	1	0	23.27	23.07	22.93	22.81	22.83	24.5	1
15	16QAM	1	37	23.20	23.08	22.97	22.80	22.79		
15	16QAM	1	74	23.21	23.19	22.86	22.85	22.91		
15	16QAM	36	0	22.20	22.14	21.94	21.77	21.84	23.5	2
15	16QAM	36	20	22.20	22.10	21.98	21.76	21.76		
15	16QAM	36	39	22.28	22.14	21.92	21.83	21.86		
15	16QAM	75	0	22.22	22.13	21.90	21.79	21.85		
15	64QAM	1	0	22.02	21.79	21.75	21.63	21.55	23.5	2
15	64QAM	1	37	21.98	21.88	21.69	21.59	21.61		
15	64QAM	1	74	22.07	21.89	21.58	21.60	21.69		
15	64QAM	36	0	21.15	21.08	20.88	20.82	20.80	22.5	3
15	64QAM	36	20	21.23	21.05	20.93	20.80	20.82		
15	64QAM	36	39	21.23	21.11	20.96	20.74	20.91		
15	64QAM	75	0	21.26	21.11	20.88	20.83	20.82		
15	256QAM	1	0	18.86	18.69	18.74	18.75	18.67	20.5	5
15	256QAM	1	37	18.76	18.77	18.75	18.74	18.72		
15	256QAM	1	74	18.71	18.69	18.90	18.79	18.73		
15	256QAM	36	0	19.01	19.00	18.89	18.98	19.01	20.5	5
15	256QAM	36	20	18.91	18.91	19.00	18.96	18.87		
15	256QAM	36	39	18.97	19.02	19.05	19.12	18.92		
15	256QAM	75	0	18.92	18.95	18.96	18.97	19.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.34	24.10	23.99	23.84	23.75	25.5	0
10	QPSK	1	25	24.26	24.06	23.98	23.79	23.73		
10	QPSK	1	49	24.34	24.04	23.92	23.81	23.71		
10	QPSK	25	0	23.25	23.10	22.99	22.85	22.84	24.5	1
10	QPSK	25	12	23.20	23.10	22.95	22.82	22.82		
10	QPSK	25	25	23.27	23.11	22.96	22.78	22.80		
10	QPSK	50	0	23.24	23.09	22.89	22.79	22.81		
10	16QAM	1	0	23.29	23.08	22.95	22.79	22.81	24.5	1
10	16QAM	1	25	23.23	23.11	22.92	22.85	22.78		
10	16QAM	1	49	23.21	23.18	22.87	22.85	22.96		
10	16QAM	25	0	22.12	22.10	21.89	21.80	21.81	23.5	2
10	16QAM	25	12	22.23	22.14	21.93	21.83	21.77		
10	16QAM	25	25	22.26	22.19	21.91	21.84	21.80		
10	16QAM	50	0	22.19	22.05	21.92	21.83	21.80		
10	64QAM	1	0	21.96	21.82	21.74	21.56	21.57	23.5	2
10	64QAM	1	25	21.98	21.90	21.68	21.61	21.57		
10	64QAM	1	49	22.05	21.85	21.57	21.56	21.62		
10	64QAM	25	0	21.21	21.11	20.91	20.86	20.79	22.5	3
10	64QAM	25	12	21.15	21.03	20.96	20.84	20.79		
10	64QAM	25	25	21.30	21.15	20.88	20.74	20.86		
10	64QAM	50	0	21.21	21.06	20.94	20.82	20.78		
10	256QAM	1	0	18.82	18.67	18.74	18.78	18.77	20.5	5
10	256QAM	1	25	18.72	18.78	18.76	18.70	18.78		
10	256QAM	1	49	18.82	18.76	18.87	18.76	18.78		
10	256QAM	25	0	18.92	19.06	18.95	18.95	18.98	20.5	5
10	256QAM	25	12	18.96	18.87	18.98	18.95	19.00		
10	256QAM	25	25	18.96	19.15	19.04	19.06	18.98		
10	256QAM	50	0	18.91	18.98	18.95	19.09	18.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.28	24.06	24.02	23.88	23.74	25.5	0
5	QPSK	1	12	24.24	24.01	23.99	23.82	23.75		
5	QPSK	1	24	24.33	24.04	23.89	23.80	23.70		
5	QPSK	12	0	23.28	23.14	22.95	22.77	22.75	24.5	1
5	QPSK	12	7	23.18	23.11	22.93	22.81	22.81		
5	QPSK	12	13	23.19	23.11	22.96	22.81	22.75		
5	QPSK	25	0	23.20	23.15	22.88	22.82	22.85		
5	16QAM	1	0	23.26	23.08	23.01	22.74	22.84	24.5	1
5	16QAM	1	12	23.20	23.08	22.93	22.80	22.82		
5	16QAM	1	24	23.23	23.14	22.94	22.85	22.93		
5	16QAM	12	0	22.11	22.12	21.92	21.81	21.75	23.5	2
5	16QAM	12	7	22.22	22.14	21.94	21.82	21.82		
5	16QAM	12	13	22.26	22.12	21.95	21.76	21.80		
5	16QAM	25	0	22.17	22.12	21.91	21.81	21.79		
5	64QAM	1	0	21.99	21.81	21.75	21.64	21.56	23.5	2
5	64QAM	1	12	21.91	21.83	21.64	21.53	21.59		
5	64QAM	1	24	22.00	21.85	21.57	21.58	21.61		
5	64QAM	12	0	21.16	21.10	20.89	20.84	20.78	22.5	3
5	64QAM	12	7	21.17	21.07	20.94	20.82	20.76		
5	64QAM	12	13	21.29	21.16	20.91	20.75	20.88		
5	64QAM	25	0	21.21	21.09	20.91	20.77	20.82		
5	256QAM	1	0	18.78	18.75	18.83	18.74	18.80	20.5	5
5	256QAM	1	12	18.64	18.77	18.73	18.77	18.79		
5	256QAM	1	24	18.79	18.74	18.83	18.66	18.69		
5	256QAM	12	0	18.97	18.98	18.88	18.95	18.95	20.5	5
5	256QAM	12	7	19.06	18.89	18.96	19.01	18.94		
5	256QAM	12	13	19.01	19.09	19.07	19.04	19.04		
5	256QAM	25	0	18.91	18.94	18.91	18.99	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.33	25.35	25.30	25.7	0
20	QPSK	1	49	25.31	25.29	25.19		
20	QPSK	1	99	25.24	25.23	25.07		
20	QPSK	50	0	24.33	24.35	24.21	24.7	1
20	QPSK	50	24	24.30	24.30	24.15		
20	QPSK	50	50	24.27	24.27	24.11		
20	QPSK	100	0	24.30	24.32	24.18		
20	16QAM	1	0	24.27	24.39	24.27	24.7	1
20	16QAM	1	49	24.31	24.33	24.13		
20	16QAM	1	99	24.17	24.25	24.06		
20	16QAM	50	0	23.30	23.33	23.19	23.7	2
20	16QAM	50	24	23.28	23.29	23.15		
20	16QAM	50	50	23.24	23.26	23.10		
20	16QAM	100	0	23.27	23.28	23.13		
20	64QAM	1	0	23.06	23.10	22.92	23.7	2
20	64QAM	1	49	23.04	23.06	22.84		
20	64QAM	1	99	22.88	23.00	22.86		
20	64QAM	50	0	22.30	22.32	22.18	22.7	3
20	64QAM	50	24	22.27	22.28	22.15		
20	64QAM	50	50	22.25	22.25	22.10		
20	64QAM	100	0	22.26	22.28	22.14		
20	256QAM	1	0	20.25	20.18	20.20	20.7	5
20	256QAM	1	49	20.12	20.15	20.22		
20	256QAM	1	99	20.16	20.16	20.15		
20	256QAM	50	0	20.21	20.28	20.29	20.7	5
20	256QAM	50	24	20.29	20.28	20.21		
20	256QAM	50	50	20.25	20.27	20.30		
20	256QAM	100	0	20.21	20.25	20.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	25.27	25.30	25.25	25.7	0
15	QPSK	1	37	25.27	25.22	25.12		
15	QPSK	1	74	25.20	25.17	25.01		
15	QPSK	36	0	24.26	24.30	24.12	24.7	1
15	QPSK	36	20	24.25	24.19	24.08		
15	QPSK	36	39	24.17	24.23	24.07		
15	QPSK	75	0	24.22	24.29	24.09		
15	16QAM	1	0	24.19	24.33	24.22	24.7	1
15	16QAM	1	37	24.21	24.24	24.10		
15	16QAM	1	74	24.15	24.23	24.03		
15	16QAM	36	0	23.25	23.22	23.12	23.7	2
15	16QAM	36	20	23.23	23.27	23.10		
15	16QAM	36	39	23.18	23.24	22.99		
15	16QAM	75	0	23.20	23.19	23.04		
15	64QAM	1	0	22.96	23.06	22.86	23.7	2
15	64QAM	1	37	23.01	22.96	22.80		
15	64QAM	1	74	22.81	22.97	22.77		
15	64QAM	36	0	22.26	22.29	22.11	22.7	3
15	64QAM	36	20	22.22	22.18	22.12		
15	64QAM	36	39	22.17	22.19	22.05		
15	64QAM	75	0	22.16	22.25	22.11		
15	256QAM	1	0	20.25	20.24	20.21	20.7	5
15	256QAM	1	37	20.19	20.12	20.25		
15	256QAM	1	74	20.20	20.23	20.07		
15	256QAM	36	0	20.19	20.24	20.24	20.7	5
15	256QAM	36	20	20.35	20.29	20.17		
15	256QAM	36	39	20.26	20.21	20.33		
15	256QAM	75	0	20.26	20.31	20.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	25.23	25.32	25.27	25.7	0
10	QPSK	1	25	25.26	25.25	25.10		
10	Q

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.48	22.50	22.28	24	0
20	QPSK	1	49	22.46	22.35	22.10		
20	QPSK	1	99	22.29	22.23	22.01		
20	QPSK	50	0	21.45	21.46	21.17	23	1
20	QPSK	50	24	21.39	21.31	21.09		
20	QPSK	50	50	21.36	21.28	21.04		
20	QPSK	100	0	21.38	21.40	21.12		
20	16QAM	1	0	21.44	21.40	21.27	23	1
20	16QAM	1	49	21.44	21.35	21.11		
20	16QAM	1	99	21.26	21.26	21.03		
20	16QAM	50	0	20.43	20.36	20.15	22	2
20	16QAM	50	24	20.39	20.31	20.10		
20	16QAM	50	50	20.34	20.27	20.05		
20	16QAM	100	0	20.36	20.31	20.09		
20	64QAM	1	0	20.19	20.16	20.08	22	2
20	64QAM	1	49	20.18	20.10	20.05		
20	64QAM	1	99	20.08	20.11	20.06		
20	64QAM	50	0	19.40	19.34	19.15	21	3
20	64QAM	50	24	19.37	19.31	19.10		
20	64QAM	50	50	19.32	19.26	19.05		
20	64QAM	100	0	19.36	19.31	19.09		
20	256QAM	1	0	17.12	17.18	17.17	19	5
20	256QAM	1	49	17.14	17.13	17.06		
20	256QAM	1	99	17.18	17.12	17.04		
20	256QAM	50	0	17.44	17.38	17.44	19	5
20	256QAM	50	24	17.32	17.36	17.29		
20	256QAM	50	50	17.30	17.32	17.33		
20	256QAM	100	0	17.25	17.30	17.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.45	22.48	22.19	24	0
15	QPSK	1	37	22.40	22.32	22.04		
15	QPSK	1	74	22.19	22.21	22.06		
15	QPSK	36	0	21.42	21.37	21.10	23	1
15	QPSK	36	20	21.29	21.27	21.02		
15	QPSK	36	39	21.30	21.21	21.08		
15	QPSK	75	0	21.27	21.30	21.08		
15	16QAM	1	0	21.36	21.29	21.23	23	1
15	16QAM	1	37	21.39	21.32	21.00		
15	16QAM	1	74	21.20	21.23	21.06		
15	16QAM	36	0	20.41	20.27	20.11	22	2
15	16QAM	36	20	20.37	20.26	20.01		
15	16QAM	36	39	20.27	20.20	20.05		
15	16QAM	75	0	20.25	20.20	20.02		
15	64QAM	1	0	20.10	20.11	20.08	22	2
15	64QAM	1	37	20.12	20.02	20.03		
15	64QAM	1	74	20.06	20.10	20.05		
15	64QAM	36	0	19.29	19.30	19.11	21	3
15	64QAM	36	20	19.28	19.28	19.07		
15	64QAM	36	39	19.26	19.20	19.08		
15	64QAM	75	0	19.29	19.26	19.07		
15	256QAM	1	0	17.19	17.13	17.25	19	5
15	256QAM	1	37	17.11	17.17	17.13		
15	256QAM	1	74	17.15	17.14	17.05		
15	256QAM	36	0	17.51	17.46	17.51	19	5
15	256QAM	36	20	17.25	17.40	17.26		
15	256QAM	36	39	17.26	17.28	17.33		
15	256QAM	75	0	17.21	17.32	17.24		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.41	22.46	22.18	24	0
10	QPSK	1	25	22.39	22.27	22.05		
10	QPSK	1	49	22.24	22.13	22.05		
10	QPSK	25	0	21.36	21.37	21.14	23	1
10	QPSK	25	12	21.36	21.28	21.00		
10	QPSK	25	25	21.25	21.22	21.07		
10	QPSK	50	0	21.36	21.32	21.08		
10	16QAM	1	0	21.37	21.37	21.20	23	1
10	16QAM	1	25	21.41	21.27	21.02		
10	16QAM	1	49	21.23	21.15	21.01		
10	16QAM	25	0	20.36	20.33	20.04	22	2
10	16QAM	25	12	20.28	20.28	20.02		
10	16QAM	25	25	20.24	20.20	20.05		
10	16QAM	50	0	20.25	20.23	20.03		
10	64QAM	1	0	20.12	20.10	20.06	22	2
10	64QAM	1	25	20.13	20.08	20.07		
10	64QAM	1	49	20.06	20.08	20.05		
10	64QAM	25	0	19.29	19.29	19.05	21	3
10	64QAM	25	12	19.34	19.26	19.06		
10	64QAM	25	25	19.30	19.19	19.05		
10	64QAM	50	0	19.25	19.28	19.02		
10	256QAM	1	0	17.09	17.23	17.22	19	5
10	256QAM	1	25	17.22	17.08	17.01		
10	256QAM	1	49	17.21	17.20	17.08		
10	256QAM	25	0	17.37	17.46	17.44	19	5
10	256QAM	25	12	17.34	17.29	17.21		
10	256QAM	25	25	17.37	17.25	17.36		
10	256QAM	50	0	17.31	17.37	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.39	22.41	22.25	24	0
5	QPSK	1	12	22.38	22.27	22.03		
5	QPSK	1	24	22.23	22.19	22.08		
5	QPSK	12	0	21.35	21.41	21.12	23	1
5	QPSK	12	7	21.33	21.29	21.08		
5	QPSK	12	13	21.34	21.23	21.02		
5	QPSK	25	0	21.35	21.31	21.06		
5	16QAM	1	0	21.39	21.34	21.19	23	1
5	16QAM	1	12	21.37	21.27	21.01		
5	16QAM	1	24	21.24	21.18	21.00		
5	16QAM	12	0	20.33	20.31	20.10	22	2
5	16QAM	12	7	20.32	20.26	20.07		
5	16QAM	12	13	20.23	20.20	20.03		
5	16QAM	25	0	20.32	20.22	20.03		
5	64QAM	1	0	20.12	20.09	20.06	22	2
5	64QAM	1	12	20.09	20.00	20.05		
5	64QAM	1	24	20.07	20.07	20.05		
5	64QAM	12	0	19.31	19.24	19.12	21	3
5	64QAM	12	7	19.32	19.21	19.05		
5	64QAM	12	13	19.26	19.19	19.08		
5	64QAM	25	0	19.27	19.27	19.06		
5	256QAM	1	0	17.07	17.25	17.16	19	5
5	256QAM	1	12	17.09	17.20	17.13		
5	256QAM	1	24	17.21	17.14	17.11		
5	256QAM	12	0	17.45	17.39	17.50	19	5
5	256QAM	12	7	17.37	17.29	17.26		
5	256QAM	12	13	17.23	17.32	17.40		
5	256QAM	25	0	17.31	17.26	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.03	24.05	23.88	25	0
20	QPSK	1	49	24.02	23.90	23.82		
20	QPSK	1	99	23.87	23.96	23.74		
20	QPSK	50	0	23.01	23.03	22.86	24	1
20	QPSK	50	24	22.96	22.95	22.77		
20	QPSK	50	50	22.94	22.92	22.73		
20	QPSK	100	0	22.97	23.00	22.82		
20	16QAM	1	0	22.88	23.00	22.89	24	1
20	16QAM	1	49	22.98	22.94	22.74		
20	16QAM	1	99	22.78	22.84	22.72		
20	16QAM	50	0	21.97	21.98	21.82	23	2
20	16QAM	50	24	21.95	21.94	21.75		
20	16QAM	50	50	21.90	21.90	21.74		
20	16QAM	100	0	21.92	21.93	21.75		
20	64QAM	1	0	21.72	21.71	21.60	23	2
20	64QAM	1	49	21.74	21.73	21.52		
20	64QAM	1	99	21.53	21.65	21.45		
20	64QAM	50	0	20.97	20.96	20.81	22	3
20	64QAM	50	24	20.95	20.92	20.77		
20	64QAM	50	50	20.91	20.89	20.73		
20	64QAM	100	0	20.92	20.93	20.77		
20	256QAM	1	0	18.84	18.80	18.87	20	5
20	256QAM	1	49	18.81	18.77	18.83		
20	256QAM	1	99	18.73	18.72	18.73		
20	256QAM	50	0	18.92	18.97	19.00	20	5
20	256QAM	50	24	19.01	18.95	18.95		
20	256QAM	50	50	18.97	18.94	18.99		
20	256QAM	100	0	18.85	18.89	18.81		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.95	24.01	23.79	25	0
15	QPSK	1	37	23.96	23.80	23.74		
15	QPSK	1	74	23.82	23.88	23.63		
15	QPSK	36	0	22.93	22.92	22.77	24	1
15	QPSK	36	20	22.91	22.87	22.70		
15	QPSK	36	39	22.92	22.88	22.69		
15	QPSK	75	0	22.86	22.92	22.79		
15	16QAM	1	0	22.79	22.91	22.85	24	1
15	16QAM	1	37	22.96	22.83	22.66		
15	16QAM	1	74	22.74	22.73	22.68		
15	16QAM	36	0	21.90	21.96	21.77	23	2
15	16QAM	36	20	21.87	21.83	21.70		
15	16QAM	36	39	21.84	21.88	21.68		
15	16QAM	75	0	21.88	21.91	21.72		
15	64QAM	1	0	21.65	21.61	21.50	23	2
15	64QAM	1	37	21.69	21.67	21.42		
15	64QAM	1	74	21.45	21.57	21.37		
15	64QAM	36	0	20.90	20.86	20.74	22	3
15	64QAM	36	20	20.87	20.84	20.71		
15	64QAM	36	39	20.86	20.79	20.64		
15	64QAM	75	0	20.85	20.82	20.66		
15	256QAM	1	0	18.91	18.76	18.90	20	5
15	256QAM	1	37	18.80	18.72	18.87		
15	256QAM	1	74	18.73	18.66	18.73		
15	256QAM	36	0	19.00	18.99	19.00	20	5
15	256QAM	36	20	18.97	18.93	19.01		
15	256QAM	36	39	18.94	18.86	18.94		
15	256QAM	75	0	18.80	18.82	18.87		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.96	23.99	23.84	25	0
10	QPSK	1	25	23.97	23.88	23.80		
10	QPSK	1	49	23.83	23.85	23.63		
10	QPSK	25	0	22.93	23.00	22.84	24	1
10	QPSK	25	12	22.91	22.86	22.68		
10	QPSK	25	25	22.89	22.89	22.68		
10	QPSK	50	0	22.95	22.90	22.74		
10	16QAM	1	0	22.78	22.92	22.84	24	1
10	16QAM	1	25	22.95	22.84	22.63		
10	16QAM	1	49	22.68	22.74	22.62		
10	16QAM	25	0	21.92	21.91	21.79	23	2
10	16QAM	25	12	21.91	21.87	21.68		
10	16QAM	25	25	21.86	21.80	21.68		
10	16QAM	50	0	21.85	21.85	21.72		
10	64QAM	1	0	21.64	21.66	21.50	23	2
10	64QAM	1	25	21.71	21.67	21.43		
10	64QAM	1	49	21.44	21.58	21.43		
10	64QAM	25	0	20.92	20.85	20.76	22	3
10	64QAM	25	12	20.90	20.85	20.75		
10	64QAM	25	25	20.89	20.81	20.69		
10	64QAM	50	0	20.88	20.84	20.70		
10	256QAM	1	0	18.89	18.75	18.94	20	5
10	256QAM	1	25	18.74	18.74	18.86		
10	256QAM	1	49	18.67	18.65	18.79		
10	256QAM	25	0	18.96	18.89	18.93	20	5
10	256QAM	25	12	18.97	19.02	18.92		
10	256QAM	25	25	18.98	19.01	19.07		
10	256QAM	50	0	18.88	18.81	18.75		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.00	23.97	23.84	25	0
5	QPSK	1	12	23.95	23.87	23.80		
5	QPSK	1	24	23.82	23.89	23.70		
5	QPSK	12	0	22.93	22.93	22.75	24	1
5	QPSK	12	7	22.90	22.85	22.72		
5	QPSK	12	13	22.86	22.90	22.66		
5	QPSK	25	0	22.91	22.90	22.71		
5	16QAM	1	0	22.83	22.91	22.83	24	1
5	16QAM	1	12	22.89	22.84	22.70		
5	16QAM	1	24	22.68	22.80	22.61		
5	16QAM	12	0	21.88	21.88	21.72	23	2
5	16QAM	12	7	21.93	21.86	21.65		
5	16QAM	12	13	21.85	21.85	21.72		
5	16QAM	25	0	21.82	21.88	21.65		
5	64QAM	1	0	21.66	21.62	21.58	23	2
5	64QAM	1	12	21.63	21.64	21.44		
5	64QAM	1	24	21.48	21.55	21.39		
5	64QAM	12	0	20.93	20.91	20.74	22	3
5	64QAM	12	7	20.89	20.85	20.66		
5	64QAM	12	13	20.87	20.82	20.71		
5	64QAM	25	0	20.87	20.91	20.71		
5	256QAM	1	0	18.80	18.83	18.83	20	5
5	256QAM	1	12	18.83	18.74	18.79		
5	256QAM	1	24	18.78	18.69	18.68		
5	256QAM	12	0	18.99	18.95	18.93	20	5
5	256QAM	12	7	18.99	18.93	18.93		
5	256QAM	12	13	19.03	19.01	19.05		
5	256QAM	25	0	18.92	18.91	18.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.83	21.85	21.58	23	0
20	QPSK	1	49	21.82	21.65	21.43		
20	QPSK	1	99	21.61	21.59	21.38		
20	QPSK	50	0	20.79	20.80	20.52	22	1
20	QPSK	50	24	20.73	20.63	20.42		
20	QPSK	50	50	20.70	20.61	20.37		
20	QPSK	100	0	20.73	20.75	20.47		
20	16QAM	1	0	20.76	20.75	20.58	22	1
20	16QAM	1	49	20.79	20.72	20.42		
20	16QAM	1	99	20.63	20.61	20.35		
20	16QAM	50	0	19.77	19.69	19.46	21	2
20	16QAM	50	24	19.72	19.65	19.43		
20	16QAM	50	50	19.67	19.60	19.37		
20	16QAM	100	0	19.70	19.65	19.42		
20	64QAM	1	0	19.49	19.49	19.23	21	2
20	64QAM	1	49	19.54	19.43	19.18		
20	64QAM	1	99	19.39	19.30	19.11		
20	64QAM	50	0	18.75	18.67	18.48	20	3
20	64QAM	50	24	18.69	18.64	18.43		
20	64QAM	50	50	18.68	18.59	18.38		
20	64QAM	100	0	18.70	18.64	18.41		
20	256QAM	1	0	16.55	16.50	16.46	18	5
20	256QAM	1	49	16.54	16.47	16.51		
20	256QAM	1	99	16.42	16.43	16.40		
20	256QAM	50	0	16.69	16.68	16.74	18	5
20	256QAM	50	24	16.72	16.65	16.73		
20	256QAM	50	50	16.58	16.64	16.61		
20	256QAM	100	0	16.68	16.60	16.68		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.73	21.78	21.51	23	0
15	QPSK	1	37	21.72	21.59	21.33		
15	QPSK	1	74	21.54	21.48	21.34		
15	QPSK	36	0	20.74	20.78	20.43	22	1
15	QPSK	36	20	20.71	20.59	20.33		
15	QPSK	36	39	20.62	20.52	20.32		
15	QPSK	75	0	20.69	20.65	20.38		
15	16QAM	1	0	20.70	20.64	20.55	22	1
15	16QAM	1	37	20.70	20.66	20.37		
15	16QAM	1	74	20.55	20.56	20.27		
15	16QAM	36	0	19.69	19.61	19.43	21	2
15	16QAM	36	20	19.65	19.60	19.36		
15	16QAM	36	39	19.56	19.57	19.26		
15	16QAM	75	0	19.65	19.56	19.35		
15	64QAM	1	0	19.47	19.42	19.15	21	2
15	64QAM	1	37	19.49	19.35	19.13		
15	64QAM	1	74	19.30	19.25	19.04		
15	64QAM	36	0	18.73	18.61	18.45	20	3
15	64QAM	36	20	18.59	18.59	18.38		
15	64QAM	36	39	18.59	18.48	18.34		
15	64QAM	75	0	18.68	18.58	18.36		
15	256QAM	1	0	16.63	16.51	16.38	18	5
15	256QAM	1	37	16.48	16.50	16.45		
15	256QAM	1	74	16.40	16.44	16.36		
15	256QAM	36	0	16.77	16.71	16.67	18	5
15	256QAM	36	20	16.71	16.67	16.77		
15	256QAM	36	39	16.53	16.72	16.64		
15	256QAM	75	0	16.67	16.68	16.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.80	21.80	21.56	23	0
10	QPSK	1	25	21.76	21.61	21.35		
10	QPSK	1	49	21.51	21.51	21.30		
10	QPSK	25	0	20.71	20.72	20.50	22	1
10	QPSK	25	12	20.67	20.57	20.37		
10	QPSK	25	25	20.62	20.50	20.26		
10	QPSK	50	0	20.67	20.73	20.38		
10	16QAM	1	0	20.70	20.64	20.50	22	1
10	16QAM	1	25	20.69	20.62	20.35		
10	16QAM	1	49	20.59	20.51	20.24		
10	16QAM	25	0	19.71	19.61	19.38	21	2
10	16QAM	25	12	19.61	19.63	19.39		
10	16QAM	25	25	19.62	19.55	19.33		
10	16QAM	50	0	19.61	19.58	19.38		
10	64QAM	1	0	19.41	19.41	19.19	21	2
10	64QAM	1	25	19.48	19.33	19.12		
10	64QAM	1	49	19.37	19.21	19.00		
10	64QAM	25	0	18.72	18.64	18.39	20	3
10	64QAM	25	12	18.63	18.57	18.39		
10	64QAM	25	25	18.63	18.54	18.32		
10	64QAM	50	0	18.61	18.55	18.38		
10	256QAM	1	0	16.49	16.56	16.38	18	5
10	256QAM	1	25	16.52	16.43	16.43		
10	256QAM	1	49	16.50	16.48	16.37		
10	256QAM	25	0	16.75	16.60	16.78	18	5
10	256QAM	25	12	16.75	16.66	16.75		
10	256QAM	25	25	16.55	16.61	16.64		
10	256QAM	50	0	16.63	16.53	16.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.51	23	0
5	QPSK	1	12	21.76	21.61	21.34		
5	QPSK	1	24	21.58	21.56	21.34		
5	QPSK	12	0	20.73	20.73	20.41	22	1
5	QPSK	12	7	20.68	20.61	20.34		
5	QPSK	12	13	20.66	20.56	20.32		
5	QPSK	25	0	20.68	20.65	20.44		
5	16QAM	1	0	20.68	20.66	20.51	22	1
5	16QAM	1	12	20.77	20.64	20.34		
5	16QAM	1	24	20.57	20.54	20.32		
5	16QAM	12	0	19.68	19.58	19.38	21	2
5	16QAM	12	7	19.65	19.59	19.40		
5	16QAM	12	13	19.62	19.51	19.29		
5	16QAM	25	0	19.63	19.63	19.34		
5	64QAM	1	0	19.38	19.44	19.14	21	2
5	64QAM	1	12	19.50	19.37	19.13		
5	64QAM	1	24	19.33	19.19	19.07		
5	64QAM	12	0	18.65	18.65	18.44	20	3
5	64QAM	12	7	18.60	18.58	18.35		
5	64QAM	12	13	18.63	18.48	18.35		
5	64QAM	25	0	18.66	18.53	18.36		
5	256QAM	1	0	16.54	16.47	16.52	18	5
5	256QAM	1	12	16.48	16.51	16.45		
5	256QAM	1	24	16.50	16.51	16.44		
5	256QAM	12	0	16.63	16.71	16.70	18	5
5	256QAM	12	7	16.64	16.67	16.70		
5	256QAM	12	13	16.57	16.60	16.57		
5	256QAM	25	0	16.67	16.64	16.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.32	24.56	24.32	24.26	25.2	0
20	QPSK	1	49	24.30	24.55	24.26	24.22		
20	QPSK	1	99	24.26	24.53	24.23	24.21		
20	QPSK	50	0	23.22	23.42	23.23	23.18	24.2	1
20	QPSK	50	24	23.20	23.39	23.20	23.16		
20	QPSK	50	50	23.16	23.40	23.14	23.13		
20	QPSK	100	0	23.20	23.41	23.21	23.15		
20	16QAM	1	0	23.18	23.42	23.16	23.24	24.2	1
20	16QAM	1	49	23.19	23.40	23.17	23.22		
20	16QAM	1	99	23.17	23.41	23.24	23.21		
20	16QAM	50	0	22.25	22.44	22.18	22.24	23.2	2
20	16QAM	50	24	22.20	22.43	22.21	22.23		
20	16QAM	50	50	22.16	22.42	22.19	22.19		
20	16QAM	100	0	22.16	22.40	22.22	22.15		
20	64QAM	1	0	21.83	22.09	21.85	21.89	23.2	2
20	64QAM	1	49	21.90	22.07	21.82	21.87		
20	64QAM	1	99	21.87	22.13	21.90	21.94		
20	64QAM	50	0	21.25	21.45	21.20	21.23	22.2	3
20	64QAM	50	24	21.20	21.42	21.22	21.16		
20	64QAM	50	50	21.23	21.47	21.23	21.21		
20	64QAM	100	0	21.24	21.41	21.17	21.22		
20	256QAM	1	0	19.04	19.25	19.04	19.00	20.2	5
20	256QAM	1	49	19.00	19.24	18.99	19.03		
20	256QAM	1	99	19.20	19.37	19.17	19.20		
20	256QAM	50	0	19.22	19.45	19.27	19.22	20.2	5
20	256QAM	50	24	19.22	19.47	19.27	19.24		
20	256QAM	50	50	19.30	19.50	19.24	19.33		
20	256QAM	100	0	19.19	19.41	19.20	19.23		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	24.26	24.50	24.23	24.22	25.2	0
15	QPSK	1	37	24.25	24.52	24.21	24.13		
15	QPSK	1	74	24.21	24.44	24.21	24.18		
15	QPSK	36	0	23.15	23.31	23.14	23.08	24.2	1
15	QPSK	36	20	23.16	23.37	23.12	23.06		
15	QPSK	36	39	23.13	23.31	23.04	23.09		
15	QPSK	75	0	23.15	23.38	23.17	23.10		
15	16QAM	1	0	23.15	23.34	23.07	23.13	24.2	1
15	16QAM	1	37	23.16	23.38	23.14	23.15		
15	16QAM	1	74	23.08	23.37	23.21	23.12		
15	16QAM	36	0	22.23	22.36	22.12	22.13	23.2	2
15	16QAM	36	20	22.11	22.37	22.19	22.12		
15	16QAM	36	39	22.07	22.38	22.16	22.08		
15	16QAM	75	0	22.07	22.30	22.20	22.06		
15	64QAM	1	0	21.75	22.03	21.77	21.87	23.2	2
15	64QAM	1	37	21.83	22.03	21.75	21.77		
15	64QAM	1	74	21.81	22.02	21.83	21.88		
15	64QAM	36	0	21.18	21.36	21.09	21.21	22.2	3
15	64QAM	36	20	21.13	21.32	21.18	21.05		
15	64QAM	36	39	21.20	21.39	21.19	21.14		
15	64QAM	75	0	21.22	21.39	21.11	21.15		
15	256QAM	1	0	19.01	19.16	19.02	18.89	20.2	5
15	256QAM	1	37	18.96	19.15	18.92	18.98		
15	256QAM	1	74	19.16	19.26	19.11	19.15		
15	256QAM	36	0	19.15	19.43	19.16	19.20	20.2	5
15	256QAM	36	20	19.20	19.40	19.22	19.16		
15	256QAM	36	39	19.19	19.42	19.22	19.27		
15	256QAM	75	0	19.08	19.34	19.12	19.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.21	24.50	24.21	24.23	25.2	0
10	QPSK	1	25	24.20	24.48	24.18	24.14		
10	QPSK	1	49	24.18	24.43	24.13	24.19		
10	QPSK	25	0	23.11	23.31	23.16	23.12	24.2	1
10	QPSK	25	12	23.13	23.37	23.10	23.09		
10	QPSK	25	25	23.10	23.38	23.04	23.04		
10	QPSK	50	0	23.15	23.35	23.11	23.13		
10	16QAM	1	0	23.14	23.32	23.11	23.20	24.2	1
10	16QAM	1	25	23.08	23.36	23.13	23.16		
10	16QAM	1	49	23.14	23.30	23.20	23.15		
10	16QAM	25	0	22.18	22.41	22.13	22.22	23.2	2
10	16QAM	25	12	22.10	22.39	22.12	22.14		
10	16QAM	25	25	22.13	22.34	22.10	22.11		
10	16QAM	50	0	22.06	22.35	22.16	22.08		
10	64QAM	1	0	21.81	22.03	21.82	21.85	23.2	2
10	64QAM	1	25	21.83	22.04	21.78	21.82		
10	64QAM	1	49	21.78	22.08	21.81	21.89		
10	64QAM	25	0	21.14	21.34	21.12	21.17	22.2	3
10	64QAM	25	12	21.13	21.32	21.13	21.13		
10	64QAM	25	25	21.20	21.42	21.21	21.13		
10	64QAM	50	0	21.17	21.30	21.11	21.12		
10	256QAM	1	0	18.93	19.21	19.02	18.94	20.2	5
10	256QAM	1	25	18.97	19.16	18.94	19.01		
10	256QAM	1	49	19.10	19.33	19.15	19.17		
10	256QAM	25	0	19.17	19.43	19.21	19.13	20.2	5
10	256QAM	25	12	19.11	19.45	19.25	19.22		
10	256QAM	25	25	19.22	19.45	19.17	19.28		
10	256QAM	50	0	19.16	19.30	19.18	19.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.21	24.47	24.23	24.24	25.2	0
5	QPSK	1	12	24.20	24.48	24.15	24.13		
5	QPSK	1	24	24.16	24.45	24.20	24.11		
5	QPSK	12	0	23.12	23.40	23.13	23.15	24.2	1
5	QPSK	12	7	23.12	23.28	23.10	23.12		
5	QPSK	12	13	23.10	23.35	23.09	23.04		
5	QPSK	25	0	23.11	23.31	23.18	23.07		
5	16QAM	1	0	23.11	23.33	23.07	23.13	24.2	1
5	16QAM	1	12	23.14	23.29	23.06	23.14		
5	16QAM	1	24	23.12	23.38	23.20	23.16		
5	16QAM	12	0	22.19	22.42	22.15	22.15	23.2	2
5	16QAM	12	7	22.15	22.38	22.10	22.20		
5	16QAM	12	13	22.14	22.40	22.10	22.17		
5	16QAM	25	0	22.08	22.30	22.11	22.09		
5	64QAM	1	0	21.72	22.00	21.81	21.81	23.2	2
5	64QAM	1	12	21.79	21.98	21.75	21.85		
5	64QAM	1	24	21.82	22.03	21.84	21.92		
5	64QAM	12	0	21.14	21.38	21.14	21.18	22.2	3
5	64QAM	12	7	21.11	21.40	21.16	21.06		
5	64QAM	12	13	21.12	21.37	21.16	21.15		
5	64QAM	25	0	21.14	21.30	21.14	21.14		
5	256QAM	1	0	19.01	19.18	18.96	18.98	20.2	5
5	256QAM	1	12	18.94	19.16	18.93	18.92		
5	256QAM	1	24	19.09	19.28	19.09	19.10		
5	256QAM	12	0	19.12	19.43	19.25	19.12	20.2	5
5	256QAM	12	7	19.14	19.45	19.21	19.18		
5	256QAM	12	13	19.26	19.42	19.18	19.28		
5	256QAM	25	0	19.12	19.37	19.11	19.20		

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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	21.31	21.50	21.48	21.48	23	0
20	QPSK	1	49	21.22	21.45	21.38	21.41		
20	QPSK	1	99	21.27	21.49	21.40	21.44		
20	QPSK	50	0	20.17	20.43	20.38	20.36	22	1
20	QPSK	50	24	20.15	20.37	20.28	20.33		
20	QPSK	50	50	20.15	20.42	20.37	20.35		
20	QPSK	100	0	20.11	20.40	20.31	20.38		
20	16QAM	1	0	20.13	20.42	20.37	20.35	22	1
20	16QAM	1	49	20.19	20.45	20.40	20.36		
20	16QAM	1	99	20.16	20.44	20.34	20.34		
20	16QAM	50	0	19.17	19.42	19.39	19.38	21	2
20	16QAM	50	24	19.19	19.41	19.37	19.37		
20	16QAM	50	50	19.22	19.47	19.40	19.37		
20	16QAM	100	0	19.19	19.41	19.37	19.37		
20	64QAM	1	0	19.08	19.23	19.19	19.13	21	2
20	64QAM	1	49	19.00	19.22	19.16	19.14		
20	64QAM	1	99	19.08	19.16	19.13	19.12		
20	64QAM	50	0	18.14	18.41	18.38	18.32	20	3
20	64QAM	50	24	18.18	18.42	18.39	18.34		
20	64QAM	50	50	18.18	18.46	18.43	18.38		
20	64QAM	100	0	18.18	18.41	18.37	18.30		
20	256QAM	1	0	16.05	16.23	16.19	16.15	18	5
20	256QAM	1	49	16.08	16.27	16.19	16.19		
20	256QAM	1	99	16.13	16.36	16.33	16.33		
20	256QAM	50	0	16.21	16.45	16.41	16.41	18	5
20	256QAM	50	24	16.24	16.46	16.37	16.43		
20	256QAM	50	50	16.22	16.51	16.49	16.43		
20	256QAM	100	0	16.20	16.41	16.31	16.39		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.25	21.45	21.42	21.41	23	0
15	QPSK	1	37	21.11	21.34	21.34	21.35		
15	QPSK	1	74	21.25	21.43	21.35	21.37		
15	QPSK	36	0	20.14	20.41	20.34	20.33	22	1
15	QPSK	36	20	20.05	20.33	20.25	20.30		
15	QPSK	36	39	20.08	20.32	20.30	20.24		
15	QPSK	75	0	20.06	20.37	20.27	20.31		
15	16QAM	1	0	20.03	20.37	20.30	20.30	22	1
15	16QAM	1	37	20.16	20.38	20.33	20.27		
15	16QAM	1	74	20.08	20.35	20.32	20.26		
15	16QAM	36	0	19.10	19.35	19.34	19.34	21	2
15	16QAM	36	20	19.13	19.31	19.32	19.28		
15	16QAM	36	39	19.18	19.41	19.35	19.30		
15	16QAM	75	0	19.12	19.37	19.29	19.29		
15	64QAM	1	0	19.05	19.13	19.17	19.03	21	2
15	64QAM	1	37	19.07	19.15	19.14	19.12		
15	64QAM	1	74	19.06	19.05	19.03	19.07		
15	64QAM	36	0	18.05	18.36	18.33	18.29	20	3
15	64QAM	36	20	18.07	18.38	18.35	18.32		
15	64QAM	36	39	18.07	18.42	18.35	18.28		
15	64QAM	75	0	18.09	18.30	18.29	18.25		
15	256QAM	1	0	16.08	16.19	16.14	16.08	18	5
15	256QAM	1	37	16.05	16.23	16.09	16.12		
15	256QAM	1	74	16.04	16.30	16.29	16.23		
15	256QAM	36	0	16.19	16.40	16.32	16.36	18	5
15	256QAM	36	20	16.21	16.36	16.34	16.40		
15	256QAM	36	39	16.16	16.41	16.40	16.37		
15	256QAM	75	0	16.10	16.39	16.25	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.28	21.45	21.44	21.44	23	0
10	QPSK	1	25	21.20	21.36	21.30	21.31		
10	QPSK	1	49	21.22	21.41	21.30	21.35		
10	QPSK	25	0	20.06	20.37	20.30	20.26	22	1
10	QPSK	25	12	20.07	20.29	20.19	20.28		
10	QPSK	25	25	20.10	20.33	20.27	20.28		
10	QPSK	50	0	20.00	20.33	20.28	20.27		
10	16QAM	1	0	20.04	20.33	20.32	20.25	22	1
10	16QAM	1	25	20.17	20.34	20.29	20.31		
10	16QAM	1	49	20.11	20.34	20.23	20.26		
10	16QAM	25	0	19.14	19.39	19.28	19.30	21	2
10	16QAM	25	12	19.17	19.33	19.30	19.30		
10	16QAM	25	25	19.17	19.44	19.35	19.31		
10	16QAM	50	0	19.11	19.33	19.26	19.27		
10	64QAM	1	0	19.08	19.20	19.12	19.10	21	2
10	64QAM	1	25	19.06	19.15	19.07	19.11		
10	64QAM	1	49	19.05	19.10	19.05	19.07		
10	64QAM	25	0	18.11	18.37	18.36	18.28	20	3
10	64QAM	25	12	18.15	18.39	18.37	18.31		
10	64QAM	25	25	18.12	18.37	18.38	18.30		
10	64QAM	50	0	18.11	18.37	18.27	18.23		
10	256QAM	1	0	16.11	16.16	16.15	16.08	18	5
10	256QAM	1	25	16.07	16.17	16.09	16.10		
10	256QAM	1	49	16.08	16.30	16.26	16.28		
10	256QAM	25	0	16.11	16.40	16.39	16.32	18	5
10	256QAM	25	12	16.20	16.42	16.29	16.40		
10	256QAM	25	25	16.11	16.40	16.47	16.38		
10	256QAM	50	0	16.10	16.38	16.29	16.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.25	21.40	21.40	21.45	23	0
5	QPSK	1	12	21.16	21.37	21.28	21.35		
5	QPSK	1	24	21.16	21.47	21.37	21.35		
5	QPSK	12	0	20.07	20.36	20.35	20.30	22	1
5	QPSK	12	7	20.04	20.28	20.23	20.24		
5	QPSK	12	13	20.09	20.40	20.27	20.25		
5	QPSK	25	0	20.02	20.29	20.20	20.31		
5	16QAM	1	0	20.06	20.39	20.32	20.29	22	1
5	16QAM	1	12	20.08	20.35	20.35	20.29		
5	16QAM	1	24	20.06	20.41	20.24	20.27		
5	16QAM	12	0	19.09	19.36	19.36	19.35	21	2
5	16QAM	12	7	19.12	19.33	19.30	19.28		
5	16QAM	12	13	19.16	19.41	19.29	19.32		
5	16QAM	25	0	19.12	19.36	19.26	19.30		
5	64QAM	1	0	19.09	19.18	19.15	19.03	21	2
5	64QAM	1	12	19.05	19.13	19.07	19.03		
5	64QAM	1	24	19.04	19.12	19.02	19.06		
5	64QAM	12	0	18.11	18.38	18.32	18.29	20	3
5	64QAM	12	7	18.09	18.37	18.30	18.30		
5	64QAM	12	13	18.12	18.37	18.35	18.30		
5	64QAM	25	0	18.15	18.34	18.34	18.27		
5	256QAM	1	0	16.07	16.15	16.15	16.10	18	5
5	256QAM	1	12	16.05	16.21	16.10	16.17		
5	256QAM	1	24	16.06	16.32	16.25	16.25		
5	256QAM	12	0	16.11	16.41	16.39	16.32	18	5
5	256QAM	12	7	16.22	16.42	16.30	16.41		
5	256QAM	12	13	16.14	16.44	16.42	16.39		
5	256QAM	25	0	16.18	16.38	16.29	16.34		

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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	23.05	23.25	23.17	23.15	24.5	0
20	QPSK	1	49	23.00	23.18	23.16	23.14		
20	QPSK	1	99	22.97	23.20	23.14	23.13		
20	QPSK	50	0	21.94	22.15	22.11	22.07	23.5	1
20	QPSK	50	24	21.85	22.09	22.02	22.03		
20	QPSK	50	50	21.87	22.11	22.06	22.00		
20	QPSK	100	0	21.88	22.08	21.99	22.04		
20	16QAM	1	0	21.84	22.04	21.97	21.99	23.5	1
20	16QAM	1	49	21.87	22.07	22.05	21.96		
20	16QAM	1	99	21.80	22.06	22.02	22.01		
20	16QAM	50	0	20.89	21.09	20.98	21.06	22.5	2
20	16QAM	50	24	20.89	21.10	21.08	21.03		
20	16QAM	50	50	20.91	21.12	21.05	21.07		
20	16QAM	100	0	20.85	21.08	21.04	20.97		
20	64QAM	1	0	20.55	20.68	20.59	20.57	22.5	2
20	64QAM	1	49	20.58	20.68	20.57	20.64		
20	64QAM	1	99	20.53	20.77	20.67	20.69		
20	64QAM	50	0	19.89	20.09	20.00	20.03	21.5	3
20	64QAM	50	24	19.87	20.09	20.04	19.98		
20	64QAM	50	50	19.94	20.13	20.11	20.03		
20	64QAM	100	0	19.84	20.10	20.01	20.01		
20	256QAM	1	0	17.71	17.95	17.86	17.89	19.5	5
20	256QAM	1	49	17.72	17.94	17.84	17.83		
20	256QAM	1	99	17.82	18.06	17.97	17.95		
20	256QAM	50	0	17.91	18.12	18.03	18.03	19.5	5
20	256QAM	50	24	17.91	18.13	18.06	18.05		
20	256QAM	50	50	17.99	18.17	18.10	18.11		
20	256QAM	100	0	17.88	18.08	17.98	18.01		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.00	23.19	23.15	23.04	24.5	0
15	QPSK	1	37	22.91	23.10	23.08	23.12		
15	QPSK	1	74	22.95	23.11	23.06	23.02		
15	QPSK	36	0	21.86	22.12	22.05	22.05	23.5	1
15	QPSK	36	20	21.81	22.02	21.98	21.95		
15	QPSK	36	39	21.81	22.09	22.02	21.97		
15	QPSK	75	0	21.78	22.02	21.88	21.95		
15	16QAM	1	0	21.76	21.96	21.89	21.90	23.5	1
15	16QAM	1	37	21.76	21.96	22.01	21.93		
15	16QAM	1	74	21.71	22.02	21.96	21.98		
15	16QAM	36	0	20.84	20.98	20.96	20.98	22.5	2
15	16QAM	36	20	20.87	21.07	21.00	20.95		
15	16QAM	36	39	20.84	21.04	21.01	20.96		
15	16QAM	75	0	20.75	21.04	20.94	20.90		
15	64QAM	1	0	20.56	20.60	20.57	20.50	22.5	2
15	64QAM	1	37	20.55	20.63	20.54	20.57		
15	64QAM	1	74	20.51	20.72	20.65	20.64		
15	64QAM	36	0	19.86	20.06	19.91	19.96	21.5	3
15	64QAM	36	20	19.83	20.00	19.98	19.94		
15	64QAM	36	39	19.85	20.05	20.02	20.00		
15	64QAM	75	0	19.80	20.07	19.96	19.92		
15	256QAM	1	0	17.61	17.90	17.76	17.81	19.5	5
15	256QAM	1	37	17.63	17.87	17.78	17.78		
15	256QAM	1	74	17.75	17.99	17.91	17.88		
15	256QAM	36	0	17.88	18.08	17.98	18.00	19.5	5
15	256QAM	36	20	17.88	18.04	17.96	17.98		
15	256QAM	36	39	17.91	18.11	18.04	18.06		
15	256QAM	75	0	17.82	18.06	17.91	17.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.02	23.22	23.08	23.11	24.5	0
10	QPSK	1	25	22.93	23.08	23.13	23.09		
10	QPSK	1	49	22.86	23.13	23.09	23.06		
10	QPSK	25	0	21.89	22.07	22.04	22.00	23.5	1
10	QPSK	25	12	21.83	22.01	21.96	22.00		
10	QPSK	25	25	21.82	22.06	21.96	21.97		
10	QPSK	50	0	21.81	22.05	21.96	21.98		
10	16QAM	1	0	21.73	21.98	21.86	21.88	23.5	1
10	16QAM	1	25	21.77	22.03	22.02	21.92		
10	16QAM	1	49	21.76	22.01	21.99	21.98		
10	16QAM	25	0	20.78	21.01	20.96	20.97	22.5	2
10	16QAM	25	12	20.78	21.01	21.04	20.92		
10	16QAM	25	25	20.87	21.10	21.03	21.05		
10	16QAM	50	0	20.82	20.98	20.96	20.89		
10	64QAM	1	0	20.56	20.66	20.52	20.50	22.5	2
10	64QAM	1	25	20.59	20.58	20.50	20.57		
10	64QAM	1	49	20.56	20.68	20.64	20.67		
10	64QAM	25	0	19.86	20.04	19.91	20.00	21.5	3
10	64QAM	25	12	19.79	20.03	19.98	19.92		
10	64QAM	25	25	19.88	20.04	20.09	19.94		
10	64QAM	50	0	19.80	20.06	19.95	19.90		
10	256QAM	1	0	17.64	17.86	17.80	17.82	19.5	5
10	256QAM	1	25	17.68	17.84	17.77	17.74		
10	256QAM	1	49	17.72	18.04	17.92	17.89		
10	256QAM	25	0	17.88	18.05	18.00	17.93	19.5	5
10	256QAM	25	12	17.87

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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	20.63	20.78	20.68	20.71	22	0
20	QPSK	1	49	20.60	20.76	20.65	20.70		
20	QPSK	1	99	20.59	20.72	20.63	20.70		
20	QPSK	50	0	19.69	19.75	19.73	19.71	21	1
20	QPSK	50	24	19.58	19.68	19.60	19.65		
20	QPSK	50	50	19.62	19.67	19.65	19.58		
20	QPSK	100	0	19.62	19.68	19.62	19.58		
20	16QAM	1	0	19.58	19.67	19.65	19.60	21	1
20	16QAM	1	49	19.58	19.67	19.63	19.57		
20	16QAM	1	99	19.66	19.69	19.67	19.62		
20	16QAM	50	0	18.57	18.68	18.60	18.66	20	2
20	16QAM	50	24	18.57	18.66	18.63	18.62		
20	16QAM	50	50	18.70	18.72	18.61	18.67		
20	16QAM	100	0	18.65	18.67	18.57	18.56		
20	64QAM	1	0	18.29	18.31	18.29	18.22	20	2
20	64QAM	1	49	18.30	18.34	18.32	18.26		
20	64QAM	1	99	18.35	18.46	18.35	18.35		
20	64QAM	50	0	17.64	17.71	17.69	17.63	19	3
20	64QAM	50	24	17.56	17.67	17.56	17.59		
20	64QAM	50	50	17.64	17.73	17.65	17.71		
20	64QAM	100	0	17.61	17.66	17.58	17.60		
20	256QAM	1	0	15.41	15.51	15.46	15.46	17	5
20	256QAM	1	49	15.48	15.52	15.50	15.47		
20	256QAM	1	99	15.57	15.64	15.60	15.55		
20	256QAM	50	0	15.68	15.71	15.62	15.61	17	5
20	256QAM	50	24	15.66	15.73	15.65	15.67		
20	256QAM	50	50	15.67	15.77	15.66	15.73		
20	256QAM	100	0	15.63	15.67	15.58	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.58	20.68	20.58	20.62	22	0
15	QPSK	1	37	20.53	20.65	20.55	20.59		
15	QPSK	1	74	20.50	20.64	20.57	20.64		
15	QPSK	36	0	19.63	19.67	19.69	19.64	21	1
15	QPSK	36	20	19.50	19.57	19.52	19.56		
15	QPSK	36	39	19.53	19.60	19.60	19.55		
15	QPSK	75	0	19.60	19.64	19.57	19.51		
15	16QAM	1	0	19.55	19.64	19.57	19.53	21	1
15	16QAM	1	37	19.53	19.64	19.57	19.55		
15	16QAM	1	74	19.60	19.59	19.64	19.59		
15	16QAM	36	0	18.55	18.65	18.56	18.58	20	2
15	16QAM	36	20	18.50	18.64	18.53	18.52		
15	16QAM	36	39	18.68	18.70	18.52	18.64		
15	16QAM	75	0	18.54	18.57	18.50	18.53		
15	64QAM	1	0	18.18	18.23	18.21	18.16	20	2
15	64QAM	1	37	18.28	18.24	18.22	18.24		
15	64QAM	1	74	18.31	18.36	18.28	18.25		
15	64QAM	36	0	17.61	17.61	17.63	17.56	19	3
15	64QAM	36	20	17.50	17.59	17.45	17.50		
15	64QAM	36	39	17.62	17.68	17.62	17.62		
15	64QAM	75	0	17.51	17.59	17.47	17.53		
15	256QAM	1	0	15.30	15.40	15.42	15.37	17	5
15	256QAM	1	37	15.46	15.48	15.48	15.41		
15	256QAM	1	74	15.49	15.55	15.54	15.53		
15	256QAM	36	0	15.57	15.67	15.58	15.51	17	5
15	256QAM	36	20	15.64	15.67	15.60	15.58		
15	256QAM	36	39	15.62	15.72	15.59	15.66		
15	256QAM	75	0	15.53	15.60	15.55	15.57		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.57	20.76	20.61	20.67	22	0
10	QPSK	1	25	20.52	20.66	20.62	20.66		
10	QPSK	1	49	20.51	20.66	20.54	20.64		
10	QPSK	25	0	19.63	19.64	19.63	19.61	21	1
10	QPSK	25	12	19.55	19.65	19.57	19.60		
10	QPSK	25	25	19.58	19.65	19.57	19.47		
10	QPSK	50	0	19.55	19.60	19.57	19.50		
10	16QAM	1	0	19.52	19.60	19.56	19.50	21	1
10	16QAM	1	25	19.51	19.62	19.55	19.53		
10	16QAM	1	49	19.59	19.62	19.62	19.53		
10	16QAM	25	0	18.46	18.62	18.49	18.58	20	2
10	16QAM	25	12	18.54	18.58	18.53	18.56		
10	16QAM	25	25	18.68	18.61	18.51	18.65		
10	16QAM	50	0	18.57	18.65	18.53	18.45		
10	64QAM	1	0	18.27	18.28	18.26	18.20	20	2
10	64QAM	1	25	18.26	18.26	18.25	18.17		
10	64QAM	1	49	18.25	18.36	18.30	18.28		
10	64QAM	25	0	17.55	17.66	17.67	17.52	19	3
10	64QAM	25	12	17.50	17.61	17.48	17.56		
10	64QAM	25	25	17.61	17.65	17.62	17.66		
10	64QAM	50	0	17.58	17.61	17.53	17.55		
10	256QAM	1	0	15.30	15.46	15.44	15.38	17	5
10	256QAM	1	25	15.38	15.43	15.46	15.36		
10	256QAM	1	49	15.46	15.59	15.53	15.51		
10	256QAM	25	0	15.61	15.69	15.57	15.55	17	5
10	256QAM	25	12	15.61	15.65	15.59	15.63		
10	256QAM	25	25	15.65	15.74	15.63	15.65		
10	256QAM	50	0	15.58	15.65	15.50	15.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.60	20.73	20.57	20.61	22	0
5	QPSK	1	12	20.49	20.67	20.55	20.61		
5	QPSK	1	24	20.55	20.66	20.53	20.62		
5	QPSK	12	0	19.64	19.72	19.66	19.69	21	1
5	QPSK	12	7	19.53	19.60	19.57	19.56		
5	QPSK	12	13	19.59	19.61	19.60	19.48		
5	QPSK	25	0	19.54	19.59	19.60	19.50		
5	16QAM	1	0	19.54	19.64	19.59	19.53	21	1
5	16QAM	1	12	19.49	19.63	19.60	19.53		
5	16QAM	1	24	19.57	19.59	19.60	19.55		
5	16QAM	12	0	18.51	18.60	18.58	18.62	20	2
5	16QAM	12	7	18.48	18.59	18.54	18.57		
5	16QAM	12	13	18.61	18.68	18.51	18.64		
5	16QAM	25	0	18.56	18.58	18.49	18.46		
5	64QAM	1	0	18.23	18.23	18.21	18.20	20	2
5	64QAM	1	12	18.22	18.32	18.27	18.18		
5	64QAM	1	24	18.25	18.43	18.33	18.33		
5	64QAM	12	0	17.60	17.64	17.60	17.56	19	3
5	64QAM	12	7	17.48	17.59	17.53	17.57		
5	64QAM	12	13	17.55	17.66	17.55	17.69		
5	64QAM	25	0	17.55	17.57	17.50	17.52		
5	256QAM	1	0	15.31	15.41	15.44	15.44	17	5
5	256QAM	1	12	15.46	15.47	15.40	15.37		
5	256QAM	1	24	15.54	15.58	15.51	15.49		
5	256QAM	12	0	15.59	15.60	15.56	15.50	17	5
5	256QAM	12	7	15.58	15.62	15.54	15.58		
5	256QAM	12	13	15.60	15.70	15.61	15.66		
5	256QAM	25	0	15.57	15.62	15.52	15.51		

Reduced Power Mode for Main PA ECI1

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.46	32.68	32.66	**34.00**	23.46	23.68	23.66	**25.00**
GPRS 1 Tx slot		32.44	32.67	32.65	**34.00**	23.44	23.67	23.65	**25.00**
GPRS 2 Tx slots		29.63	29.85	29.83	**31.00**	23.63	23.85	23.83	**25.00**
GPRS 3 Tx slots		27.88	28.15	28.11	**29.20**	23.62	23.89	23.85	**24.94**
GPRS 4 Tx slots		26.56	26.76	26.73	**28.00**	23.56	23.76	23.73	**25.00**
EDGE 1 Tx slot		26.91	27.08	26.98	**28.00**	17.91	18.08	17.98	**19.00**
EDGE 2 Tx slots		23.73	23.89	23.79	**25.00**	17.73	17.89	17.79	**19.00**
EDGE 3 Tx slots		21.53	21.71	21.65	**23.20**	17.27	17.45	17.39	**18.94**
EDGE 4 Tx slots		20.15	20.27	20.26	**22.00**	17.15	17.27	17.26	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	29.63	29.78	29.76	**31.00**	23.60	23.75	23.77	**24.98**
	GPRS 1 Tx slot	29.61	29.77	29.82	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.62	29.86	29.68	**31.00**	23.55	23.78	23.66	**24.98**
	GPRS 1 Tx slot	29.52	29.75	29.69	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.85	28.16	28.15	**29.20**	23.57	23.87	23.90	**24.94**
	GPRS 2 Tx slots	27.82	28.12	28.16	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.85	29.85	**31.00**	21.60	21.76	21.73	**22.94**
	EDGE 1 Tx slot	23.51	23.67	23.52	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.64	29.94	29.77	**31.00**	21.55	21.81	21.65	**22.94**
	EDGE 1 Tx slot	23.49	23.56	23.45	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.94	28.24	28.09	**29.20**	20.46	20.73	20.58	**21.94**
	EDGE 2 Tx slots	21.24	21.47	21.31	**23.20**				

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		29.12	29.33	29.30	**30.50**	20.12	20.33	20.30	**21.50**
GPRS 1 Tx slot		29.11	29.31	29.28	**30.50**	20.11	20.31	20.28	**21.50**
GPRS 2 Tx slots		26.10	26.33	26.30	**27.50**	20.10	20.33	20.30	**21.50**
GPRS 3 Tx slots		24.45	24.66	24.62	**25.70**	20.19	20.40	20.36	**21.44**
GPRS 4 Tx slots		23.29	23.48	23.46	**24.50**	20.29	20.48	20.46	**21.50**
EDGE 1 Tx slot		23.36	23.57	23.46	**24.50**	14.36	14.57	14.46	**15.50**
EDGE 2 Tx slots		20.28	20.40	20.42	**21.50**	14.28	14.40	14.42	**15.50**
EDGE 3 Tx slots		18.09	18.19	18.12	**19.70**	13.83	13.93	13.86	**15.44**
EDGE 4 Tx slots		16.60	16.75	16.74	**18.50**	13.60	13.75	13.74	**15.50**
DTM Multi-slot class 5	GSM 1 Tx slot	26.03	26.30	26.26	**27.50**	20.03	20.24	20.18	**21.48**
	GPRS 1 Tx slot	26.07	26.22	26.14	**27.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.09	26.35	26.20	**27.50**	20.08	20.27	20.17	**21.48**
	GPRS 1 Tx slot	26.11	26.23	26.19	**27.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.57	24.59	24.73	**25.70**	20.21	20.42	20.39	**21.44**
	GPRS 2 Tx slots	24.42	24.72	24.61	**25.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.20	26.30	26.27	**27.50**	18.10	18.20	18.20	**19.44**
	EDGE 1 Tx slot	19.99	20.11	20.20	**21.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.09	26.35	26.33	**27.50**	18.02	18.26	18.22	**19.44**
	EDGE 1 Tx slot	20.04	20.18	20.08	**21.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.43	24.63	24.61	**25.70**	16.95	17.15	17.10	**18.44**
	EDGE 2 Tx slots	17.74	17.94	17.81	**19.70**				

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		30.09	30.31	30.23	**31.00**	21.09	21.31	21.23	**22.00**
GPRS 1 Tx slot		30.08	30.30	30.22	**31.00**	21.08	21.30	21.22	**22.00**
GPRS 2 Tx slots		27.15	27.34	27.31	**28.00**	21.15	21.34	21.31	**22.00**
GPRS 3 Tx slots		25.35	25.63	25.58	**26.20**	21.09	21.37	21.32	**21.94**
GPRS 4 Tx slots		24.09	24.32	24.28	**25.00**	21.09	21.32	21.28	**22.00**
EDGE 1 Tx slot		25.62	26.07	25.65	**27.00**	16.62	17.07	16.65	**18.00**
EDGE 2 Tx slots		22.22	22.53	22.21	**24.00**	16.22	16.53	16.21	**18.00**
EDGE 3 Tx slots		20.27	20.45	20.20	**22.20**	16.01	16.19	15.94	**17.94**
EDGE 4 Tx slots		19.11	19.15	19.09	**21.00**	16.11	16.15	16.09	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	27.17	27.28	27.20	**28.00**	21.14	21.23	21.24	**21.98**
	GPRS 1 Tx slot	27.15	27.23	27.32	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.10	27.32	27.36	**28.00**	21.05	21.29	21.33	**21.98**
	GPRS 1 Tx slot	27.04	27.30	27.35	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.41	25.54	25.55	**26.20**	21.13	21.25	21.20	**21.94**
	GPRS 2 Tx slots	25.38	25.50	25.41	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.19	27.36	27.37	**28.00**	19.31	19.50	19.45	**20.42**
	EDGE 1 Tx slot	22.01	22.28	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.13	27.29	27.30	**28.00**	19.26	19.43	19.40	**20.42**
	EDGE 1 Tx slot	22.00	22.18	22.02	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.37	25.58	25.56	**26.20**	18.40	18.54	18.53	**19.71**
	EDGE 2 Tx slots	20.20	20.22	20.21	**22.20**				

GSM1900_Ant 5		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		28.53	28.60	28.56	**29.50**	19.53	19.60	19.56	**20.50**
GPRS 1 Tx slot		28.51	28.58	28.55	**29.50**	19.51	19.58	19.55	**20.50**
GPRS 2 Tx slots		25.58	25.61	25.60	**26.50**	19.58	19.61	19.60	**20.50**
GPRS 3 Tx slots		23.82	23.86	23.85	**24.70**	19.56	19.60	19.59	**20.44**
GPRS 4 Tx slots		22.58	22.63	22.60	**23.50**	19.58	19.63	19.60	**20.50**
EDGE 1 Tx slot		24.17	24.63	24.15	**25.50**	15.17	15.63	15.15	**16.50**
EDGE 2 Tx slots		20.71	21.13	20.63	**22.50**	14.71	15.13	14.63	**16.50**
EDGE 3 Tx slots		18.72	18.85	18.72	**20.70**	14.46	14.59	14.46	**16.44**
EDGE 4 Tx slots		17.61	17.67	17.59	**19.50**	14.61	14.67	14.59	**16.50**
DTM Multi-slot class 5	GSM 1 Tx slot	25.56	25.50	25.52	**26.50**	19.47	19.47	19.48	**20.48**
	GPRS 1 Tx slot	25.41	25.48	25.49	**26.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.56	25.56	25.44	**26.50**	19.48	19.53	19.43	**20.48**
	GPRS 1 Tx slot	25.44	25.54	25.47	**26.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.80	23.77	23.86	**24.70**	19.58	19.52	19.61	**20.44**
	GPRS 2 Tx slots	23.86	23.78	23.87	**24.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	25.66	25.60	25.54	**26.50**	17.80	17.81	17.72	**18.92**
	EDGE 1 Tx slot	20.56	20.79	20.60	**22.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.65	25.70	25.61	**26.50**	17.79	17.88	17.76	**18.92**
	EDGE 1 Tx slot	20.56	20.79	20.54	**22.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.91	23.88	23.95	**24.70**	16.99	16.99	17.02	**18.21**
	EDGE 2 Tx slots	18.87	18.90	18.89	**20.70**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.20	20.23	20.21	**21.00**	19.12	19.16	19.15	**20.50**
3GPP Rel 99	RMC 12.2Kbps	20.22	20.25	20.23	**21.00**	19.15	19.18	19.17	**20.50**
3GPP Rel 6	HSDPA Subtest-1	18.92	19.01	18.67	**20.00**	18.01	18.10	18.06	**19.50**
3GPP Rel 6	HSDPA Subtest-2	19.04	19.02	19.09	**20.00**	17.98	18.06	18.15	**19.50**
3GPP Rel 6	HSDPA Subtest-3	18.54	18.54	18.63	**19.50**	17.58	17.50	17.58	**19.00**
3GPP Rel 6	HSDPA Subtest-4	18.42	18.53	18.60	**19.50**	17.46	17.47	17.50	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.97	19.00	18.58	**20.00**	17.87	17.98	18.02	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-2	18.85	18.87	18.87	**20.00**	17.88	17.91	18.03	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-3	18.48	18.53	18.48	**19.50**	17.45	17.50	17.52	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.38	18.48	18.33	**19.50**	17.43	17.52	17.54	**19.00**
3GPP Rel 6	HSUPA Subtest-1	17.07	17.09	17.03	**19.00**	16.58	16.56	16.57	**18.50**
3GPP Rel 6	HSUPA Subtest-2	16.75	16.79	16.90	**17.00**	16.11	16.12	16.16	**16.50**
3GPP Rel 6	HSUPA Subtest-3	17.82	17.90	17.91	**18.00**	17.01	17.05	17.14	**17.50**
3GPP Rel 6	HSUPA Subtest-4	16.48	16.53	16.67	**17.00**	15.47	15.68	15.61	**16.50**
3GPP Rel 6	HSUPA Subtest-5	17.97	18.09	18.06	**19.00**	16.97	17.08	17.18	**18.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.45	16.44	16.42	**16.50**	15.90	15.93	15.76	**16.00**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 5			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	18.62	18.65	18.61	**19.50**	20.06	20.10	20.08	**21.50**
3GPP Rel 99	RMC 12.2Kbps	18.64	18.68	18.64	**19.50**	20.08	20.11	20.10	**21.50**
3GPP Rel 6	HSDPA Subtest-1	17.44	17.51	17.57	**18.50**	18.85	18.94	18.90	**20.50**
3GPP Rel 6	HSDPA Subtest-2	17.48	17.50	17.56	**18.50**	18.75	18.81	18.92	**20.50**
3GPP Rel 6	HSDPA Subtest-3	17.00	16.99	17.06	**18.00**	18.46	18.46	18.39	**20.00**
3GPP Rel 6	HSDPA Subtest-4	16.96	16.95	17.06	**18.00**	18.35	18.36	18.35	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	17.42	17.38	17.43	**18.50**	18.78	18.83	18.91	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-2	17.40	17.34	17.26	**18.50**	18.77	18.75	18.81	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-3	16.91	17.01	16.98	**18.00**	18.27	18.25	18.34	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	16.91	16.96	17.01	**18.00**	18.32	18.21	18.31	**20.00**
3GPP Rel 6	HSUPA Subtest-1	15.66	15.80	15.81	**17.50**	17.58	17.60	17.59	**19.50**
3GPP Rel 6	HSUPA Subtest-2	15.30	15.34	15.38	**15.50**	16.83	16.85	17.07	**17.50**
3GPP Rel 6	HSUPA Subtest-3	16.32	16.40	16.45	**16.50**	17.78	17.98	17.97	**18.50**
3GPP Rel 6	HSUPA Subtest-4	14.99	15.06	15.18	**15.50**	16.32	16.46	16.57	**17.50**
3GPP Rel 6	HSUPA Subtest-5	16.42	16.53	16.60	**17.50**	17.87	17.99	17.85	**19.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.91	14.87	14.88	**15.00**	16.68	16.87	16.82	**17.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.83	23.93	23.82	**25.00**	20.09	20.15	20.04	**21.50**
3GPP Rel 99	RMC 12.2Kbps	23.86	23.95	23.85	**25.00**	20.13	20.20	20.08	**21.50**
3GPP Rel 6	HSDPA Subtest-1	22.84	22.92	22.82	**24.00**	19.07	19.04	18.98	**20.50**
3GPP Rel 6	HSDPA Subtest-2	22.83	22.93	22.82	**24.00**	19.04	19.17	18.99	**20.50**
3GPP Rel 6	HSDPA Subtest-3	22.37	22.43	22.32	**23.50**	18.51	18.60	18.56	**20.00**
3GPP Rel 6	HSDPA Subtest-4	22.32	22.41	22.29	**23.50**	18.50	18.57	18.47	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.88	22.74	**24.00**	18.95	19.00	18.94	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.85	22.71	**24.00**	18.97	18.95	18.97	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.33	22.30	22.26	**23.50**	18.48	18.47	18.52	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.30	22.35	22.33	**23.50**	18.54	18.44	18.46	**20.00**
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.27	**23.00**	17.53	17.54	17.55	**19.50**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.88	20.76	**21.00**	17.02	17.11	17.02	**17.50**
3GPP Rel 6	HSUPA Subtest-3	21.83	21.88	21.79	**22.00**	18.06	18.15	18.03	**18.50**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.40	20.25	**21.00**	16.46	16.56	16.46	**17.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.80	**23.00**	17.95	18.04	17.94	**19.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.45	20.47	**20.50**	16.82	16.82	16.73	**17.00**

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	20.06	20.10	20.03		
20	QPSK	1	49	20.03	20.07	19.96	21	0
20	QPSK	1	99	19.92	19.87	19.88		
20	QPSK	50	0	20.02	20.06	20.01		
20	QPSK	50	24	19.96	19.96	19.98	21	0
20	QPSK	50	50	19.89	19.93	19.94		
20	QPSK	100	0	20.01	20.03	20.00		
20	16QAM	1	0	19.87	19.92	19.92		
20	16QAM	1	49	19.90	19.87	19.88	21	0
20	16QAM	1	99	19.88	19.87	19.96		
20	16QAM	50	0	19.93	19.91	19.97		
20	16QAM	50	24	19.95	19.88	19.90	21	0
20	16QAM	50	50	19.91	19.90	19.93		
20	16QAM	100	0	19.87	19.90	19.88		
20	64QAM	1	0	19.87	19.86	19.95		
20	64QAM	1	49	19.88	19.93	19.91	21	0
20	64QAM	1	99	19.93	19.93	19.94		
20	64QAM	50	0	19.89	19.90	19.95		
20	64QAM	50	24	19.87	19.88	19.93	21	0
20	64QAM	50	50	19.91	19.90	19.90		
20	64QAM	100	0	19.91	19.94	19.92		
20	256QAM	1	0	19.17	19.16	19.12		
20	256QAM	1	49	19.20	19.12	19.15	20	1
20	256QAM	1	99	19.10	19.09	19.15		
20	256QAM	50	0	19.18	19.08	19.01		
20	256QAM	50	24	18.96	18.98	19.03	20	1
20	256QAM	50	50	19.00	18.93	18.98		
20	256QAM	100	0	18.88	18.96	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.99	20.05	20.02		
15	QPSK	1	37	19.96	19.98	19.92	21	0
15	QPSK	1	74	19.83	19.83	19.86		
15	QPSK	36	0	19.98	20.00	19.99		
15	QPSK	36	20	19.91	19.92	19.97	21	0
15	QPSK	36	39	19.88	19.83	19.89		
15	QPSK	75	0	19.92	19.94	19.91		
15	16QAM	1	0	19.83	19.89	19.89		
15	16QAM	1	37	19.84	19.86	19.86	21	0
15	16QAM	1	74	19.79	19.83	19.90		
15	16QAM	36	0	19.87	19.86	19.95		
15	16QAM	36	20	19.92	19.87	19.85	21	0
15	16QAM	36	39	19.87	19.92	19.86		
15	16QAM	75	0	19.77	19.83	19.86		
15	64QAM	1	0	19.83	19.82	19.90		
15	64QAM	1	37	19.81	19.90	19.82	21	0
15	64QAM	1	74	19.81	19.87	19.88		
15	64QAM	36	0	19.88	19.88	19.93		
15	64QAM	36	20	19.77	19.87	19.85	21	0
15	64QAM	36	39	19.82	19.85	19.85		
15	64QAM	75	0	19.81	19.81	19.85		
15	256QAM	1	0	19.13	19.13	19.04		
15	256QAM	1	37	19.14	19.11	19.11	20	1
15	256QAM	1	74	19.04	19.00	19.05		
15	256QAM	36	0	18.90	18.92	18.97		
15	256QAM	36	20	18.86	18.89	18.96	20	1
15	256QAM	36	39	18.93	18.92	18.96		
15	256QAM	75	0	18.82	18.89	18.86		
Channel				18625	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.96	20.08	19.95		
10	QPSK	1	25	19.95	19.97	19.91	21	0
10	QPSK	1	49	19.82	19.85	19.86		
10	QPSK	25	0	20.01	19.98	19.91		
10	QPSK	25	12	19.94	19.86	19.89	21	0
10	QPSK	25	25	19.81	19.86	19.88		
10	QPSK	50	0	19.99	19.93	19.91		
10	16QAM	1	0	19.82	19.88	19.88		
10	16QAM	1	25	19.83	19.84	19.86	21	0
10	16QAM	1	49	19.84	19.77	19.90		
10	16QAM	25	0	19.87	19.87	19.91		
10	16QAM	25	12	19.84	19.83	19.83	21	0
10	16QAM	25	25	19.86	19.86	19.90		
10	16QAM	50	0	19.82	19.89	19.81		
10	64QAM	1	0	19.82	19.79	19.86		
10	64QAM	1	25	19.86	19.88	19.83	21	0
10	64QAM	1	49	19.87	19.83	19.88		
10	64QAM	25	0	19.79	19.81	19.87		
10	64QAM	25	12	19.84	19.80	19.87	21	0
10	64QAM	25	25	19.83	19.80	19.80		
10	64QAM	50	0	19.86	19.85	19.83		
10	256QAM	1	0	19.16	19.12	19.04		
10	256QAM	1	25	19.18	19.04	19.14	20	1
10	256QAM	1	49	19.03	19.04	19.06		
10	256QAM	25	0	18.88	18.90	18.92		
10	256QAM	25	12	18.90	18.92	19.00	20	1
10	256QAM	25	25	18.96	18.84	18.91		
10	256QAM	50	0	18.86	18.91	18.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.97	20.02	19.95		
5	QPSK	1	12	19.97	20.01	19.95	21	0
5	QPSK	1	24	19.88	19.83	19.86		
5	QPSK	12	0	20.02	19.98	19.94		
5	QPSK	12	7	19.89	19.90	19.91	21	0
5	QPSK	12	13	19.86	19.92	19.90		
5	QPSK	25	0	19.92	19.95	19.97		
5	16QAM	1	0	19.84	19.84	19.89		
5	16QAM	1	12	19.83	19.83	19.85	21	0
5	16QAM	1	24	19.78	19.85	19.91		
5	16QAM	12	0	19.92	19.92	19.92		
5	16QAM	12	7	19.90	19.86	19.94	21	0
5	16QAM	12	13	19.90	19.87	19.87		
5	16QAM	25	0	19.86	19.84	19.78		
5	64QAM	1	0	19.77	19.78	19.93		
5	64QAM	1	12	19.87	19.87	19.91	21	0
5	64QAM	1	24	19.87	19.89	19.87		
5	64QAM	12	0	19.87	19.88	19.94		
5	64QAM	12	7	19.84	19.92	19.87	21	0
5	64QAM	12	13	19.81	19.85	19.84		
5	64QAM	25	0	19.89	19.87	19.83		
5	256QAM	1	0	19.16	19.13	19.10		
5	256QAM	1	12	19.11	19.04	19.12	20	1
5	256QAM	1	24	19.01	19.08	19.11		
5	256QAM	12	0	18.89	18.91	18.97		
5	256QAM	12	7	18.90	18.95	19.01	20	1
5	256QAM	12	13	18.96	18.88	18.90		
5	256QAM	25	0	18.84	18.86	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.04	20.03	19.93		
3	QPSK	1	8	19.97	19.98	19.93	21	0
3	QPSK	1	14	19.91	19.84	19.83		
3	QPSK	8	0	20.00	20.04	19.93		
3	QPSK	8	4	19.88	19.92	19.93	21	0
3	QPSK	8	7	19.81	19.90	19.86		
3	QPSK	15	0	19.91	19.98	19.97		
3	16QAM	1	0	19.77	19.82	19.84		
3	16QAM	1	8	19.87	19.77	19.84	21	0
3	16QAM	1	14	19.82	19.84	19.86		
3	16QAM	8	0	19.87	19.84	19.92		
3	16QAM	8	4	19.90	19.81	19.86	21	0
3	16QAM	8	7	19.90	19.88	19.92		
3	16QAM	15	0	19.83	19.87	19.80		
3	64QAM	1	0	19.79	19.76	19.86		
3	64QAM	1	8	19.82	19.86	19.86	21	0
3	64QAM	1	14	19.86	19.89	19.86		
3	64QAM	8	0	19.83	19.88	19.87		
3	64QAM	8	4	19.81	19.83	19.87	21	0
3	64QAM	8	7	19.82	19.83	19.83		
3	64QAM	15	0	19.85	19.84	19.88		
3	256QAM	1	0	19.07	19.06	19.02		
3	256QAM	1	8	19.13	19.05	19.08	20	1
3	256QAM	1	14	19.04	19.08	19.08		
3	256QAM	8	0	18.89	18.88	18.91		
3	256QAM	8	4	18.92	18.96	18.94	20	1
3	256QAM	8	7	18.92	18.89	18.96		
3	256QAM	15	0	18.81	18.88	18.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.98	20.03	19.95		
1.4	QPSK	1	3	19.98	19.98	19.93		
1.4	QPSK	1	5	19.98	19.85	19.81	21	0
1.4	QPSK	3	0	19.96	19.96	19.97		
1.4	QPSK	3	1	19.93	19.90	19.97		
1.4	QPSK	3	3	19.82	19.91	19.87		
1.4	QPSK	6	0	19.93	19.93	19.93	21	0
1.4	16QAM	1	0	19.81	19.77	19.85		
1.4	16QAM	1	3	19.80	19.83	19.78		
1.4	16QAM	1	5	19.83	19.81	19.94	21	0
1.4	16QAM	3	0	19.83	19.86	19.90		
1.4	16QAM	3	1	19.89	19.81	19.81		
1.4	16QAM	3	3	19.86	19.89	19.83		
1.4	16QAM	6	0	19.83	19.84	19.84	21	0
1.4	64QAM	1	0	19.81	19.77	19.87		
1.4	64QAM	1	3	19.81	19.86	19.88		
1.4	64QAM	1	5	19.84	19.86	19.90	21	0
1.4	64QAM	3	0	19.85	19.81	19.92		
1.4	64QAM	3	1	19.85	19.84	19.85		
1.4	64QAM	3	3	19.88	19.89	19.83		
1.4	64QAM	6	0	19.85	19.90	19.84	21	0
1.4	256QAM	1	0	19.11	19.14	19.11		
1.4	256QAM	1	3	19.10	19.10	19.07		
1.4	256QAM	1	5	19.06	19.07	19.09	20	1
1.4	256QAM	3	0	18.90	18.92	18.94		
1.4	256QAM	3	1	18.87	18.93	19.01		
1.4	256QAM	3	3	18.92	18.85	18.96		
1.4	256QAM	6	0	18.83	18.92	18.79	20	1

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.51	22.88	22.86		
20	QPSK	1	49	22.50	22.70	22.80	24	0
20	QPSK	1	99	22.41	22.74	22.83		
20	QPSK	50	0	21.59	21.85	21.82		
20	QPSK	50	24	21.57	21.86	21.81	23	1
20	QPSK	50	50	21.52	21.77	21.81		
20	QPSK	100	0	21.71	21.85	21.82		
20	16QAM	1	0	21.93	22.11	22.03		
20	16QAM	1	49	21.91	21.99	22.01	23	1
20	16QAM	1	99	21.86	21.95	21.97		
20	16QAM	50	0	20.80	20.87	20.82		
20	16QAM	50	24	20.80	20.84	20.80	22	2
20	16QAM	50	50	20.82	20.78	20.80		
20	16QAM	100	0	20.79	20.82	20.78		
20	64QAM	1	0	20.89	21.02	20.98		
20	64QAM	1	49	20.98	20.98	20.90	22	2
20	64QAM	1	99	20.87	20.88	20.93		
20	64QAM	50	0	19.82	19.89	19.83		
20	64QAM	50	24	19.81	19.86	19.82	21	3
20	64QAM	50	50	19.77	19.79	19.80		
20	64QAM	100	0	19.82	19.83	19.79		
20	256QAM	1	0	17.95	17.92	17.94		
20	256QAM	1	49	17.78	17.83	17.90	19	5
20	256QAM	1	99	17.83	17.81	17.89		
20	256QAM	50	0	17.80	17.75	17.76		
20	256QAM	50	24	17.74	17.74	17.80	19	5
20	256QAM	50	50	17.68	17.68	17.65		
20	256QAM	100	0	17.63	17.71	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.43	22.82	22.83		
15	QPSK	1	37	22.39	22.63	22.69	24	0
15	QPSK	1	74	22.36	22.63	22.72		
15	QPSK	36	0	21.52	21.77	21.76		
15	QPSK	36	20	21.49	21.75	21.73	23	1
15	QPSK	36	39	21.44	21.73	21.77		
15	QPSK	75	0	21.61	21.78	21.72		
15	16QAM	1	0	22.08	22.08	21.94		
15	16QAM	1	37	21.86	21.94	21.96	23	1
15	16QAM	1	74	21.79	21.86	21.89		
15	16QAM	36	0	20.69	20.78	20.77		
15	16QAM	36	20	20.78	20.79	20.75	22	2
15	16QAM	36	39	20.66	20.76	20.76		
15	16QAM	75	0	20.69	20.76	20.68		
15	64QAM	1	0	20.81	20.96	20.95		
15	64QAM	1	37	20.92	20.93	20.82	22	2
15	64QAM	1	74	20.78	20.83	20.89		
15	64QAM	36	0	19.77	19.79	19.81		
15	64QAM	36	20	19.74	19.84	19.80	21	3
15	64QAM	36	39	19.73	19.72	19.76		
15	64QAM	75	0	19.73	19.76	19.74		
15	256QAM	1	0	17.92	17.89	17.94		
15	256QAM	1	37	17.72	17.87	17.86	19	5
15	256QAM	1	74	17.84	17.81	17.86		
15	256QAM	36	0	17.80	17.78	17.80		
15	256QAM	36	20	17.82	17.77	17.83	19	5
15	256QAM	36	39	17.69	17.65	17.65		
15	256QAM	75	0	17.58	17.73	17.76		
Channel				18625	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.49	22.77	22.81		
10	QPSK	1	25	22.43	22.59	22.75	24	0
10	QPSK	1	49	22.35	22.71	22.80		
10	QPSK	25	0	21.57	21.80	21.72		
10	QPSK	25	12	21.55	21.84	21.76	23	1
10	QPSK	25	25	21.42	21.70	21.78		
10	QPSK	50	0	21.68	21.80	21.72		
10	16QAM	1	0	21.83	22.00	21.96		
10	16QAM	1	25	21.83	21.89	21.96	23	1
10	16QAM	1	49	21.75	21.88	21.92		
10	16QAM	25	0	20.75	20.76	20.71		
10	16QAM	25	12	20.78	20.81	20.77	22	2
10	16QAM	25	25	20.71	20.73	20.76		
10	16QAM	50	0	20.69	20.79	20.69		
10	64QAM	1	0	20.78	20.93	20.91		
10	64QAM	1	25	20.95	20.96	20.85	22	2
10	64QAM	1	49	20.76	20.78	20.83		
10	64QAM	25	0	19.71	19.78	19.73		
10	64QAM	25	12	19.75	19.80	19.72	21	3
10	64QAM	25	25	19.67	19.76	19.74		
10	64QAM	50	0	19.71	19.79	19.73		
10	256QAM	1	0	17.89	18.00	18.01		
10	256QAM	1	25	17.83	17.89	17.82	19	5
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	17.79	17.73	17.77		
10	256QAM	25	12	17.74	17.74	17.80	19	5
10	256QAM	25	25	17.76	17.75	17.67		
10	256QAM	50	0	17.58	17.72	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.44	22.77	22.78		
5	QPSK	1	12	22.48	22.59	22.71	24	0
5	QPSK	1	24	22.36	22.64	22.74		
5	QPSK	12	0	21.48	21.79	21.79		
5	QPSK	12	7	21.53	21.77	21.79	23	1
5	QPSK	12	13	21.41	21.68	21.75		
5	QPSK	25	0	21.61	21.81	21.78		
5	16QAM	1	0	21.86	22.01	21.93		
5	16QAM	1	12	21.84	21.89	21.94	23	1
5	16QAM	1	24	21.83	21.88	21.91		
5	16QAM	12	0	20.77	20.80	20.72		
5	16QAM	12	7	20.80	20.81	20.71	22	2
5	16QAM	12	13	20.68	20.71	20.77		
5	16QAM	25	0	20.69	20.79	20.76		
5	64QAM	1	0	20.86	21.00	20.93		
5	64QAM	1	12	20.91	20.91	20.85	22	2
5	64QAM	1	24	20.85	20.81	20.86		
5	64QAM	12	0	19.73	19.87	19.73		
5	64QAM	12	7	19.71	19.79	19.80	21	3
5	64QAM	12	13	19.70	19.71	19.73		
5	64QAM	25	0	19.73	19.78	19.75		
5	256QAM	1	0	17.87	17.95	18.00		
5	256QAM	1	12	17.83	17.77	17.91	19	5
5	256QAM	1	24	17.83	17.89	17.84		
5	256QAM	12	0	17.78	17.72	17.80		
5	256QAM	12	7	17.73	17.77	17.85	19	5
5	256QAM	12	13	17.63	17.67	17.69		
5	256QAM	25	0	17.66	17.73	17.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.44	22.82	22.83		
3	QPSK	1	8	22.45	22.59	22.72	24	0
3	QPSK	1	14	22.34	22.64	22.78		
3	QPSK	8	0	21.47	21.77	21.72		
3	QPSK	8	4	21.46	21.81	21.71	23	1
3	QPSK	8	7	21.50	21.75	21.75		
3	QPSK	15	0	21.66	21.78	21.71		
3	16QAM	1	0	21.87	22.00	21.98		
3	16QAM	1	8	21.89	21.94	21.91	23	1
3	16QAM	1	14	21.83	21.90	21.91		
3	16QAM	8	0	20.73	20.83	20.77		
3	16QAM	8	4	20.71	20.77	20.75	22	2
3	16QAM	8	7	20.74	20.73	20.72		
3	16QAM	15	0	20.74	20.74	20.72		
3	64QAM	1	0	20.87	20.92	20.94		
3	64QAM	1	8	20.92	20.88	20.81	22	2
3	64QAM	1	14	20.78	20.85	20.82		
3	64QAM	8	0	19.77	19.82	19.77		
3	64QAM	8	4	19.71	19.78	19.72	21	3
3	64QAM	8	7	19.68	19.70	19.69		
3	64QAM	15	0	19.80	19.80	19.76		
3	256QAM	1	0	17.92	17.88	17.90		
3	256QAM	1	8	17.74	17.75	17.83	19	5
3	256QAM	1	14	17.85	17.78	17.83		
3	256QAM	8	0	17.83	17.84	17.70		
3	256QAM	8	4	17.70	17.78	17.81	19	5
3	256QAM	8	7	17.70	17.65	17.73		
3	256QAM	15	0	17.67	17.70	17.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.56	22.81	22.83		
1.4	QPSK	1	3	22.53	22.64	22.71		
1.4	QPSK	1	5	22.58	22.67	22.76	24	0
1.4	QPSK	3	0	22.50	22.83	22.76		
1.4	QPSK	3	1	22.54	22.63	22.69		
1.4	QPSK	3	3	22.44	22.68	22.72		
1.4	QPSK	6	0	22.51	22.81	21.77	23	1
1.4	16QAM	1	0	21.70	21.80	21.76		
1.4	16QAM	1	3	21.58	21.74	21.75		
1.4	16QAM	1	5	21.84	21.83	21.73	23	1
1.4	16QAM	3	0	21.86	22.06	21.98		
1.4	16QAM	3	1	21.84	21.96	21.98		
1.4	16QAM	3	3	21.83	21.91	21.92		
1.4	16QAM	6	0	20.69	20.85	20.76	22	2
1.4	64QAM	1	0	20.89	20.77	20.74		
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.76	20.77	20.69	22	2
1.4	64QAM	3	0	20.87	21.00	20.91		
1.4	64QAM	3	1	20.88	20.92	20.84		
1.4	64QAM	3	3	20.79	20.80	20.87		
1.4	64QAM	6	0	19.76	19.78	19.78	21	3
1.4	256QAM	1	0	17.97	17.85	17.96		
1.4	256QAM	1	3	17.74	17.79	17.93		
1.4	256QAM	1	5	17.79	17.88	17.88	19	5
1.4	256QAM	3	0	17.88	17.79	17.80		
1.4	256QAM	3	1	17.81	17.66	17.87		
1.4	256QAM	3	3	17.76	17.61	17.62		
1.4	256QAM	6	0	17.65	17.72	17.70	19	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	18.67	18.70	18.63		
20	QPSK	1	49	18.64	18.57	18.54	20	0
20	QPSK	1	99	18.63	18.61	18.57		
20	QPSK	50	0	18.66	18.67	18.60		
20	QPSK	50	24	18.62	18.62	18.53	20	0
20	QPSK	50	50	18.60	18.62	18.54		
20	QPSK	100	0	18.63	18.65	18.58		
20	16QAM	1	0	18.55	18.65	18.53		
20	16QAM	1	49	18.60	18.63	18.52	20	0
20	16QAM	1	99	18.63	18.61	18.53		
20	16QAM	50	0	18.58	18.59	18.51		
20	16QAM	50	24	18.56	18.63	18.56	20	0
20	16QAM	50	50	18.62	18.59	18.54		
20	16QAM	100	0	18.60	18.60	18.58		
20	64QAM	1	0	18.57	18.

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)	Ch Delta > 0.5
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	18.46	18.52	18.43	19.2	0	0.16
20	QPSK	1	49	18.37	18.51	18.36			
20	QPSK	1	99	18.45	18.42	18.41			
20	QPSK	50	0	18.46	18.48	18.40			
20	QPSK	50	24	18.40	18.48	18.36	19.2	0	0.18
20	QPSK	50	50	18.37	18.38	18.30			
20	QPSK	100	0	18.43	18.45	18.38			
20	16QAM	1	0	18.43	18.40	18.33			
20	16QAM	1	49	18.39	18.47	18.37	19.2	0	0.11
20	16QAM	1	99	18.44	18.40	18.37			
20	16QAM	50	0	18.43	18.39	18.39			
20	16QAM	50	24	18.36	18.45	18.35	19.2	0	0.15
20	16QAM	50	50	18.38	18.46	18.35			
20	16QAM	100	0	18.42	18.45	18.31			
20	64QAM	1	0	18.39	18.44	18.37			
20	64QAM	1	49	18.36	18.46	18.38	19.2	0	0.10
20	64QAM	1	99	18.40	18.38	18.37			
20	64QAM	50	0	18.39	18.42	18.33			
20	64QAM	50	24	18.45	18.47	18.33	19.2	0	0.14
20	64QAM	50	50	18.45	18.43	18.38			
20	64QAM	100	0	18.42	18.46	18.39			
20	256QAM	1	0	18.43	18.43	18.35			
20	256QAM	1	49	18.37	18.40	18.34	19.2	0	0.12
20	256QAM	1	99	18.36	18.46	18.33			
20	256QAM	50	0	18.40	18.38	18.33			
20	256QAM	50	24	18.39	18.45	18.39	19.2	0	0.15
20	256QAM	50	50	18.44	18.39	18.37			
20	256QAM	100	0	18.43	18.39	18.30			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	18.45	18.49	18.40			
15	QPSK	1	37	18.28	18.41	18.31	19.2	0	0.21
15	QPSK	1	74	18.37	18.39	18.32			
15	QPSK	36	0	18.43	18.45	18.34			
15	QPSK	36	20	18.36	18.44	18.33	19.2	0	0.22
15	QPSK	36	39	18.33	18.29	18.23			
15	QPSK	75	0	18.40	18.44	18.29			
15	16QAM	1	0	18.36	18.30	18.32			
15	16QAM	1	37	18.34	18.38	18.31	19.2	0	0.12
15	16QAM	1	74	18.41	18.32	18.29			
15	16QAM	36	0	18.36	18.38	18.34			
15	16QAM	36	20	18.33	18.42	18.33	19.2	0	0.14
15	16QAM	36	39	18.29	18.38	18.32			
15	16QAM	75	0	18.37	18.37	18.28			
15	64QAM	1	0	18.31	18.39	18.27			
15	64QAM	1	37	18.35	18.39	18.28	19.2	0	0.12
15	64QAM	1	74	18.30	18.32	18.35			
15	64QAM	36	0	18.30	18.41	18.23			
15	64QAM	36	20	18.43	18.46	18.24	19.2	0	0.23
15	64QAM	36	39	18.42	18.33	18.31			
15	64QAM	75	0	18.37	18.38	18.38			
15	256QAM	1	0	18.35	18.42	18.33			
15	256QAM	1	37	18.29	18.33	18.29	19.2	0	0.13
15	256QAM	1	74	18.32	18.40	18.36			
15	256QAM	36	0	18.36	18.33	18.24			
15	256QAM	36	20	18.29	18.35	18.36	19.2	0	0.14
15	256QAM	36	39	18.37	18.38	18.33			
15	256QAM	75	0	18.37	18.38	18.27			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	18.41	18.48	18.34			
10	QPSK	1	25	18.32	18.46	18.35	19.2	0	0.16
10	QPSK	1	49	18.35	18.35	18.36			
10	QPSK	25	0	18.36	18.40	18.29			
10	QPSK	25	12	18.35	18.40	18.31	19.2	0	0.15
10	QPSK	25	25	18.34	18.34	18.26			
10	QPSK	50	0	18.37	18.41	18.29			
10	16QAM	1	0	18.34	18.36	18.28			
10	16QAM	1	25	18.35	18.40	18.35	19.2	0	0.13
10	16QAM	1	49	18.41	18.33	18.36			
10	16QAM	25	0	18.34	18.37	18.30			
10	16QAM	25	12	18.35	18.32	18.32	19.2	0	0.13
10	16QAM	25	25	18.36	18.36	18.34			
10	16QAM	50	0	18.37	18.38	18.30			
10	64QAM	1	0	18.31	18.43	18.28			
10	64QAM	1	25	18.31	18.37	18.36	19.2	0	0.15
10	64QAM	1	49	18.32	18.30	18.30			
10	64QAM	25	0	18.38	18.36	18.29			
10	64QAM	25	12	18.37	18.46	18.29	19.2	0	0.17
10	64QAM	25	25	18.39	18.38	18.34			
10	64QAM	50	0	18.40	18.40	18.31			
10	256QAM	1	0	18.36	18.41	18.25			
10	256QAM	1	25	18.32	18.30	18.25	19.2	0	0.20
10	256QAM	1	49	18.27	18.45	18.37			
10	256QAM	25	0	18.30	18.37	18.26			
10	256QAM	25	12	18.33	18.38	18.38	19.2	0	0.16
10	256QAM	25	25	18.42	18.32	18.28			
10	256QAM	50	0	18.36	18.29	18.29			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	18.44	18.49	18.42			
5	QPSK	1	12	18.33	18.43	18.32	19.2	0	0.17
5	QPSK	1	24	18.35	18.40	18.39			
5	QPSK	12	0	18.46	18.46	18.31			
5	QPSK	12	7	18.30	18.37	18.29	19.2	0	0.26
5	QPSK	12	13	18.27	18.29	18.20			
5	QPSK	25	0	18.38	18.42	18.37			
5	16QAM	1	0	18.36	18.36	18.26			
5	16QAM	1	12	18.33	18.40	18.33	19.2	0	0.14
5	16QAM	1	24	18.38	18.35	18.27			
5	16QAM	12	0	18.41	18.34	18.29			
5	16QAM	12	7	18.29	18.41	18.32	19.2	0	0.20
5	16QAM	12	13	18.30	18.45	18.25			
5	16QAM	25	0	18.34	18.36	18.30			
5	64QAM	1	0	18.38	18.34	18.28			
5	64QAM	1	12	18.31	18.44	18.39	19.2	0	0.16
5	64QAM	1	24	18.31	18.34	18.32			
5	64QAM	12	0	18.38	18.35	18.26			
5	64QAM	12	7	18.41	18.41	18.32	19.2	0	0.17
5	64QAM	12	13	18.40	18.46	18.32			
5	64QAM	25	0	18.34	18.43	18.38			
5	256QAM	1	0	18.42	18.39	18.27			
5	256QAM	1	12	18.33	18.30	18.29	19.2	0	0.15
5	256QAM	1	24	18.33	18.40	18.32			
5	256QAM	12	0	18.33	18.34	18.27			
5	256QAM	12	7	18.35	18.37	18.37	19.2	0	0.17
5	256QAM	12	13	18.41	18.31	18.28			
5	256QAM	25	0	18.37	18.32	18.24			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	18.38	18.42	18.33			
3	QPSK	1	8	18.32	18.42	18.34	19.2	0	0.10
3	QPSK	1	14	18.35	18.40	18.37			
3	QPSK	8	0	18.42	18.47	18.38			
3	QPSK	8	4	18.32	18.38	18.34	19.2	0	0.24
3	QPSK	8	7	18.35	18.29	18.23			
3	QPSK	15	0	18.36	18.36	18.24			
3	16QAM	1	0	18.37	18.32	18.27			
3	16QAM	1	8	18.30	18.38	18.34	19.2	0	0.11
3	16QAM	1	14	18.36	18.36	18.31			
3	16QAM	8	0	18.33	18.36	18.29			
3	16QAM	8	4	18.26	18.37	18.28	19.2	0	0.15
3	16QAM	8	7	18.32	18.38	18.34			
3	16QAM	15	0	18.33	18.41	18.27			
3	64QAM	1	0	18.38	18.42	18.32			
3	64QAM	1	8	18.30	18.41	18.35	19.2	0	0.12
3	64QAM	1	14	18.35	18.38	18.34			
3	64QAM	8	0	18.35	18.33	18.30			
3	64QAM	8	4	18.35	18.42	18.25	19.2	0	0.17
3	64QAM	8	7	18.41	18.39	18.36			
3	64QAM	15	0	18.41	18.42	18.34			
3	256QAM	1	0	18.35	18.35	18.29			
3	256QAM	1	8	18.32	18.36	18.24	19.2	0	0.20
3	256QAM	1	14	18.26	18.44	18.36			
3	256QAM	8	0	18.36	18.37	18.28			
3	256QAM	8	4	18.33	18.44	18.31	19.2	0	0.19
3	256QAM	8	7	18.41	18.35	18.33			
3	256QAM	15	0	18.40	18.33	18.25			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	18.42	18.45	18.36			
1.4	QPSK	1	3	18.40	18.44	18.33			
1.4	QPSK	1	5	18.35	18.38	18.36	19.2	0	0.23
1.4	QPSK	3	0	18.36	18.46	18.38			
1.4	QPSK	3	1	18.37	18.37	18.23			
1.4	QPSK	3	3	18.32	18.37	18.23			
1.4	QPSK	6	0	18.36	18.39	18.33	19.2	0	0.06
1.4	16QAM	1	0	18.42	18.33	18.27			
1.4	16QAM	1	3	18.34	18.41	18.27			
1.4	16QAM	1	5	18.34	18.31	18.30	19.2	0	0.19
1.4	16QAM	3	0	18.39	18.34	18.35			
1.4	16QAM	3	1	18.26	18.39	18.25			
1.4	16QAM	3	3	18.37	18.44	18.28			
1.4	16QAM	6	0	18.40	18.38	18.23	19.2	0	0.17
1.4	64QAM	1	0	18.41	18.36	18.24			
1.4	64QAM	1	3	18.35	18.44	18.31			
1.4	64QAM	1	5	18.31	18.34	18.29	19.2	0	0.17
1.4	64QAM	3	0	18.37	18.33	18.30			
1.4	64QAM	3	1	18.37	18.38	18.27			
1.4	64QAM	3	3	18.43	18.42	18.32			
1.4	64QAM	6	0	18.39	18.36	18.29	19.2	0	0.10
1.4	256QAM	1	0	18.37	18.35	18.34			
1.4	256QAM	1	3	18.31	18.35	18.25			
1.4	256QAM	1	5	18.30	18.42	18.31	19.2	0	0.17
1.4	256QAM	3	0	18.30	18.30	18.27			
1.4	256QAM	3	1	18.33	18.41	18.35			
1.4	256QAM	3	3	18.36	18.31	18.27			
1.4	256QAM	6	0	18.34	18.31	18.25	19.2	0	0.09

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	24.05	24.08	23.98	25	0	0.27
20	QPSK	1	49	23.95	23.95	23.93			
20	QPSK	1	99	23.89	23.89	23.81			
20	QPSK	50	0	22.92	22.95	22.90			
20	QPSK	50	24	22.89	22.89	22.86	24	1	0.08
20	QPSK	50	50	22.87	22.90	22.87			
20	QPSK	100	0	22.89	22.91	22.90			
20	16QAM	1	0	23.17	23.17	23.25			
20	16QAM	1	49	23.09	23.13	23.15	24	1	0.23
20	16QAM	1	99	23.11	23.09	23.02			
20	16QAM	50	0	21.89	21.94	21.93			
20	16QAM	50	24	21.88	21.89	21.90	23	2	0.08
20	16QAM	50	50	21.88	21.91	21.86			
20	16QAM	100	0	21.86	21.89	21.89			
20	64QAM	1	0	22.12	22.06	22.13			
20	64QAM	1	49	22.06	21.96	22.07	23	2	0.26
20	64QAM	1	99	22.01	22.03	21.97			
20	64QAM	50	0	20.90	20.94	20.94			
20	64QAM	50	24	20.90	20.91	20.91	22	3	0.06
20	64QAM	50	50	20.88	20.88	20.89			
20	64QAM	100	0	20.88	20.91	20.86			
20	256QAM	1	0	19.03	19.02	18.98			
20	256QAM	1	49	18.93	18.98	18.90	20	5	0.16
20	256QAM	1	99	19.06	19.06	18.99			
20	256QAM	50	0	18.84	18.90	18.93			
20	256QAM	50	24	18.94	18.91	18.83	20	5	0.13
20	256QAM	50	50	18.88	18.93	18.85			
20	256QAM	100	0	18.92	18.91	18.96			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	24.01	24.05	23.88			
15	QPSK	1	37	23.85	23.90	23.88	25	0	0.34
15	QPSK	1	74	23.83	23.85	23.71			
15	QPSK	36	0	22.92	22.92	22.89			
15	QPSK	36	20	22.81	22.79	22.82	24	1	0.13
15	QPSK	36	39	22.80	22.81	22.81			
15	QPSK	75	0	22.87	22.87	22.82			
15	16QAM	1	0	23.09	23.09	23.19			
15	16QAM	1	37	22.99	23.02	23.09	24	1	0.28
15	16QAM	1	74	23.08	23.04	22.91			
15	16QAM	36	0	21.83	21.84	21.86			
15	16QAM	36	20	21.84	21.82	21.82	23	2	0.09
15	16QAM	36	39	21.77	21.82	21.79			
15	16QAM	75	0	21.84	21.84	21.83			
15	64QAM	1	0	22.02	22.02	22.08			
15	64QAM	1	37	22.03	21.87	21.98	23	2	0.26
15	64QAM	1	74	21.98	21.94	21.82			
15	64QAM	36	0	20.82	20.85	20.90			
15	64QAM	36	20	20.85	20.86	20.80	22	3	0.10
15	64QAM	36	39	20.86	20.84	20.87			
15	64QAM	75	0	20.82	20.89	20.87			
15	256QAM	1	0	19.09	19.07	18.97			
15	256QAM	1	37	18.86	19.04	18.95	20	5	0.25
15	256QAM	1	74	19.00	19.11	18.98			
15	256QAM	36	0	18.80	18.90	18.97			
15	256QAM	36	20	18.92	18.83	18.84	20	5	0.17
15	256QAM	36	39	18.96	18.89	18.88			
15	256QAM	75	0	18.92	18.95	18.91			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	24.02	23.98	23.91			
10	QPSK	1	25	23.92	23.90	23.82	25	0	0.30
10	QPSK	1	49	23.87	23.85	23.72			
10	QPSK	25	0	22.82	22.88	22.86			
10	QPSK	25	12	22.82	22.81	22.81	24	1	0.09
10	QPSK	25	25	22.79	22.80	22.80			
10	QPSK	50	0	22.83	22.80	22.79			
10	16QAM	1	0	23.08	23.06	23.21			
10	16QAM	1	25	23.06	23.06	23.07	24	1	0.22
10	16QAM	1	49	23.08	22.99	22.99			
10	16QAM	25	0	21.79	21.89	21.87			
10	16QAM	25	12	21.85	21.84	21.80	23	2	0.12
10	16QAM	25	25	21.77	21.83	21.83			
10	16QAM	50	0	21.77	21.81	21.78			
10	64QAM	1	0	22.04	21.97	22.09			
10	64QAM	1	25	22.02	21.89	22.02	23	2	0.33
10	64QAM	1	49	21.94	22.00	21.76			
10	64QAM	25	0	20.80	20.88	20.84			
10	64QAM	25	12	20.87	20.84	20.84	22	3	0.08
10	64QAM	25	25	20.80	20.86	20.85			
10	64QAM	50	0	20.82	20.87	20.87			
10	256QAM	1	0	18.98	19.06	18.91			
10	256QAM	1	25	19.01	19.02	18.95	20	5	0.21
10	256QAM	1	49	19.12	19.08	19.05			
10	256QAM	25	0	18.86	18.97	18.92			
10	256QAM	25	12	19.02	18.97	18.84	20	5	0.20
10	256QAM	25	25	18.82	18.86	18.87			
10	256QAM	50	0	18.99	18.88	18.94			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	24.00	23.99	23.92			
5	QPSK	1	12	23.85	23.86	23.83	25	0	0.29
5	QPSK	1	24	23.80	23.87	23.71			
5	QPSK	12	0	22.86	22.86	22.82			
5	QPSK	12	7	22.85	22.79	22.80	24	1	0.09
5	QPSK	12	13	22.85	22.83	22.85			
5	QPSK	25	0	22.83	22.85	22.88			
5	16QAM	1	0	23.07	23.12	23.14			
5	16QAM	1	12	23.00	23.08	23.08	24	1	0.21
5	16QAM	1	24	23.01	23.02	22.93			
5	16QAM	12	0	21.82	21.89	21.84			
5	16QAM	12	7	21.80	21.79	21.86	23	2	0.14
5	16QAM	12	13	21.78	21.86	21.79			
5	16QAM	25	0	21.75	21.78	21.81			
5	64QAM	1	0	22.07	21.96	22.11			
5	64QAM	1	12	21.95	21.92	22.02	23	2	0.27
5	64QAM	1	24	21.91	22.03	21.84			
5	64QAM	12	0	20.88	20.92	20.90			
5	64QAM	12	7	20.84	20.82	20.88	22	3	0.15
5	64QAM	12	13	20.77	20.79	20.86			
5	64QAM	25	0	20.81	20.80	20.82			
5	256QAM	1	0	19.04	19.05	18.98			
5	256QAM	1	12	18.94	19.05	18.95	20	5	0.11
5	256QAM	1	24	18.98	18.98	18.95			
5	256QAM	12	0	18.86	18.94	18.99			
5	256QAM	12	7	18.87	18.96	18.90	20	5	0.15
5	256QAM	12	13	18.92	18.91	18.87			
5	256QAM	25	0	18.84	18.91	18.97			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	24.00	23.98	23.96			
3	QPSK	1	8	23.88	23.86	23.84	25	0	0.21
3	QPSK	1	14	23.83	23.80	23.79			
3	QPSK	8	0	22.83	22.90	22.87			
3	QPSK	8	4	22.79	22.80	22.80	24	1	0.13
3	QPSK	8	7	22.77	22.79	22.83			
3	QPSK	15	0	22.83	22.82	22.85			
3	16QAM	1	0	23.06	23.10	23.16			
3	16QAM	1	8	23.02	23.03	23.10	24	1	0.24
3	16QAM	1	14	23.01	23.02	22.92			
3	16QAM	8	0	21.85	21.87	21.91			
3	16QAM	8	4	21.86	21.81	21.83	23	2	0.13
3	16QAM	8	7	21.84	21.82	21.78			
3	16QAM	15	0	21.78	21.81	21.79			
3	64QAM	1	0	22.04	21.98	22.11			
3	64QAM	1	8	22.03	21.92	22.04	23	2	0.34
3	64QAM	1	14	21.91	21.94	21.77			
3	64QAM	8	0	20.80	20.90	20.89			
3	64QAM	8	4	20.85	20.80	20.80	22	3	0.11
3	64QAM	8	7	20.80	20.79	20.83			
3	64QAM	15	0	20.83	20.83	20.87			
3	256QAM	1	0	19.02	18.95	19.00			
3	256QAM	1	8	18.85	19.05	18.85	20	5	0.21
3	256QAM	1	14	18.98	19.03	19.06			
3	256QAM	8	0	18.89	18.90	18.99			
3	256QAM	8	4	18.88	18.86	18.84	20	5	0.15
3	256QAM	8	7	18.92	18.98	18.89			
3	256QAM	15	0	18.89	18.96	18.89			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	Ch Delta > 0.5
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	24.00	24.03	23.87			
1.4	QPSK	1	3	23.91	23.86	23.85			
1.4	QPSK	1	5	23.80	23.87	23.76	25	0	0.32
1.4	QPSK	3	0	24.03	24.05	23.88			
1.4	QPSK	3	1	23.92	23.87	23.83			
1.4	QPSK	3	3	23.81	23.85	23.73			
1.4	QPSK	6	0	22.82	22.93	22.86	24	1	0.04
1.4	16QAM	1	0	22.81	22.80	22.80			
1.4	16QAM	1	3	22.81	22.86	22.78			
1.4	16QAM	1	5	22.81	22.84	22.87	24	1	0.43
1.4	16QAM	3	0	23.15	23.13	23.21			
1.4	16QAM	3	1	23.03	23.06	23.10			
1.4	16QAM	3	3	23.07	23.02	22.99			
1.4	16QAM	6	0	21.86	21.85	21.86	23	2	0.01
1.4	64QAM	1	0	21.77	21.87	21.82			
1.4	64QAM	1	3	21.81	21.80	21.76			
1.4	64QAM	1	5	21.81	21.86	21.82	23	2	0.30
1.4	64QAM	3	0	22.03	21.95	22.06			
1.4	64QAM	3	1	22.01	21.97	22.03			
1.4	64QAM	3	3	21.90	21.97	21.82			
1.4	64QAM	6	0	20.80	20.86	20.86	22	3	0.06

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.82	24.86	24.83	25.7	0
10	QPSK	1	25	24.72	24.84	24.74		
10	QPSK	1	49	24.80	24.85	24.73		
10	QPSK	25	0	23.82	23.85	23.76	24.7	1
10	QPSK	25	12	23.74	23.77	23.71		
10	QPSK	25	25	23.78	23.76	23.70		
10	QPSK	50	0	23.82	23.83	23.73		
10	16QAM	1	0	23.91	23.96	23.95	24.7	1
10	16QAM	1	25	23.88	23.92	23.88		
10	16QAM	1	49	23.95	23.93	23.86		
10	16QAM	25	0	22.81	22.77	22.75	23.7	2
10	16QAM	25	12	22.74	22.74	22.68		
10	16QAM	25	25	22.76	22.76	22.69		
10	16QAM	50	0	22.80	22.78	22.72		
10	64QAM	1	0	22.86	22.92	22.92	23.7	2
10	64QAM	1	25	22.83	22.87	22.86		
10	64QAM	1	49	22.89	22.90	22.86		
10	64QAM	25	0	21.80	21.77	21.76	22.7	3
10	64QAM	25	12	21.73	21.75	21.69		
10	64QAM	25	25	21.76	21.74	21.69		
10	64QAM	50	0	21.82	21.77	21.72		
10	256QAM	1	0	20.09	20.13	20.09	20.7	5
10	256QAM	1	25	20.14	20.11	20.11		
10	256QAM	1	49	19.99	20.06	20.07		
10	256QAM	25	0	19.99	19.96	19.90	20.7	5
10	256QAM	25	12	20.00	19.93	19.94		
10	256QAM	25	25	19.96	19.95	19.91		
10	256QAM	50	0	19.91	19.98	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.72	24.77	24.73	25.7	0
5	QPSK	1	12	24.64	24.81	24.69		
5	QPSK	1	24	24.74	24.79	24.66		
5	QPSK	12	0	23.71	23.76	23.74	24.7	1
5	QPSK	12	7	23.66	23.66	23.61		
5	QPSK	12	13	23.75	23.70	23.61		
5	QPSK	25	0	23.78	23.76	23.65		
5	16QAM	1	0	23.82	23.87	23.88	24.7	1
5	16QAM	1	12	23.78	23.86	23.81		
5	16QAM	1	24	23.88	23.89	23.82		
5	16QAM	12	0	22.76	22.67	22.72	23.7	2
5	16QAM	12	7	22.63	22.68	22.61		
5	16QAM	12	13	22.68	22.69	22.60		
5	16QAM	25	0	22.70	22.71	22.66		
5	64QAM	1	0	22.82	22.82	22.84	23.7	2
5	64QAM	1	12	22.81	22.78	22.75		
5	64QAM	1	24	22.78	22.79	22.81		
5	64QAM	12	0	21.70	21.69	21.66	22.7	3
5	64QAM	12	7	21.63	21.72	21.58		
5	64QAM	12	13	21.66	21.65	21.59		
5	64QAM	25	0	21.71	21.66	21.67		
5	256QAM	1	0	20.13	20.13	20.16	20.7	5
5	256QAM	1	12	20.07	20.05	20.03		
5	256QAM	1	24	19.97	20.08	20.11		
5	256QAM	12	0	20.01	19.90	19.87	20.7	5
5	256QAM	12	7	20.06	19.94	19.87		
5	256QAM	12	13	19.96	20.02	19.95		
5	256QAM	25	0	19.96	19.96	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.72	24.80	24.77	25.7	0
3	QPSK	1	8	24.62	24.73	24.68		
3	QPSK	1	14	24.77	24.76	24.64		
3	QPSK	8	0	23.75	23.78	23.67	24.7	1
3	QPSK	8	4	23.64	23.66	23.64		
3	QPSK	8	7	23.73	23.68	23.62		
3	QPSK	15	0	23.80	23.74	23.64		
3	16QAM	1	0	23.83	23.91	23.84	24.7	1
3	16QAM	1	8	23.86	23.88	23.78		
3	16QAM	1	14	23.89	23.87	23.75		
3	16QAM	8	0	22.74	22.72	22.64	23.7	2
3	16QAM	8	4	22.69	22.63	22.65		
3	16QAM	8	7	22.71	22.72	22.65		
3	16QAM	15	0	22.71	22.76	22.64		
3	64QAM	1	0	22.83	22.83	22.87	23.7	2
3	64QAM	1	8	22.74	22.77	22.83		
3	64QAM	1	14	22.78	22.79	22.82		
3	64QAM	8	0	21.70	21.75	21.72	22.7	3
3	64QAM	8	4	21.69	21.68	21.58		
3	64QAM	8	7	21.71	21.68	21.65		
3	64QAM	15	0	21.79	21.68	21.65		
3	256QAM	1	0	20.06	20.08	20.14	20.7	5
3	256QAM	1	8	20.06	20.18	20.13		
3	256QAM	1	14	19.91	19.98	20.07		
3	256QAM	8	0	20.00	20.04	19.94	20.7	5
3	256QAM	8	4	19.99	19.86	19.93		
3	256QAM	8	7	20.01	19.96	19.97		
3	256QAM	15	0	19.92	19.92	19.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.71	24.83	24.80	25.7	0
1.4	QPSK	1	3	24.61	24.82	24.68		
1.4	QPSK	1	5	24.76	24.80	24.63		
1.4	QPSK	3	0	24.75	24.82	24.74		
1.4	QPSK	3	1	24.65	24.74	24.66		
1.4	QPSK	3	3	24.76	24.77	24.66		
1.4	QPSK	6	0	23.76	23.81	23.73	24.7	1
1.4	16QAM	1	0	23.64	23.75	23.69	24.7	1
1.4	16QAM	1	3	23.71	23.73	23.66		
1.4	16QAM	1	5	23.75	23.74	23.69		
1.4	16QAM	3	0	23.83	23.91	23.86		
1.4	16QAM	3	1	23.78	23.87	23.85		
1.4	16QAM	3	3	23.86	23.87	23.75		
1.4	16QAM	6	0	22.78	22.68	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.69	22.60	23.7	2
1.4	64QAM	1	3	22.70	22.71	22.60		
1.4	64QAM	1	5	22.71	22.71	22.69		
1.4	64QAM	3	0	22.80	22.87	22.81		
1.4	64QAM	3	1	22.73	22.85	22.83		
1.4	64QAM	3	3	22.80	22.82	22.76		
1.4	64QAM	6	0	21.75	21.70	21.67	22.7	3
1.4	256QAM	1	0	20.16	20.14	20.16	20.7	5
1.4	256QAM	1	3	20.11	20.16	20.10		
1.4	256QAM	1	5	19.98	20.03	20.04		
1.4	256QAM	3	0	19.96	20.01	19.91		
1.4	256QAM	3	1	20.07	19.88	19.89		
1.4	256QAM	3	3	20.00	19.90	19.93		
1.4	256QAM	6	0	19.86	19.91	19.96	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.52	20.54	20.50	22	0
10	QPSK	1	25	20.39	20.45	20.35		
10	QPSK	1	49	20.35	20.41	20.43		
10	QPSK	25	0	20.49	20.52	20.47	22	0
10	QPSK	25	12	20.38	20.40	20.44		
10	QPSK	25	25	20.46	20.44	20.35		
10	QPSK	50	0	20.47	20.50	20.45		
10	16QAM	1	0	20.37	20.41	20.32	22	0
10	16QAM	1	25	20.47	20.43	20.41		
10	16QAM	1	49	20.40	20.50	20.46		
10	16QAM	25	0	20.41	20.39	20.40	22	0
10	16QAM	25	12	20.47	20.46	20.35		
10	16QAM	25	25	20.47	20.43	20.32		
10	16QAM	50	0	20.37	20.39	20.33		
10	64QAM	1	0	20.35	20.46	20.41	22	0
10	64QAM	1	25	20.44	20.42	20.32		
10	64QAM	1	49	20.36	20.51	20.36		
10	64QAM	25	0	20.40	20.47	20.40	22	0
10	64QAM	25	12	20.42	20.39	20.46		
10	64QAM	25	25	20.41	20.39	20.36		
10	64QAM	50	0	20.46	20.45	20.45		
10	256QAM	1	0	19.29	19.26	19.18	20.5	1.5
10	256QAM	1	25	19.16	19.23	19.25		
10	256QAM	1	49	19.27	19.21	19.21		
10	256QAM	25	0	19.10	19.11	19.12	20.5	1.5
10	256QAM	25	12	18.99	19.06	19.03		
10	256QAM	25	25	19.07	19.06	19.05		
10	256QAM	50	0	19.02	19.10	19.08		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.42	20.38	20.40	22	0
5	QPSK	1	12	20.43	20.51	20.43		
5	QPSK	1	24	20.38	20.37	20.45		
5	QPSK	12	0	20.36	20.42	20.43	22	0
5	QPSK	12	7	20.37	20.41	20.36		
5	QPSK	12	13	20.37	20.38	20.40		
5	QPSK	25	0	20.47	20.43	20.44		
5	16QAM	1	0	20.39	20.41	20.44	22	0
5	16QAM	1	12	20.42	20.47	20.41		
5	16QAM	1	24	20.37	20.45	20.44		
5	16QAM	12	0	20.45	20.42	20.46	22	0
5	16QAM	12	7	20.38	20.37	20.43		
5	16QAM	12	13	20.34	20.38	20.44		
5	16QAM	25	0	20.35	20.39	20.39		
5	64QAM	1	0	20.37	20.47	20.45	22	0
5	64QAM	1	12	20.48	20.43	20.45		
5	64QAM	1	24	20.43	20.48	20.37		
5	64QAM	12	0	20.38	20.38	20.40	22	0
5	64QAM	12	7	20.39	20.42	20.43		
5	64QAM	12	13	20.42	20.44	20.33		
5	64QAM	25	0	20.39	20.47	20.33		
5	256QAM	1	0	19.29	19.20	19.11	20.5	1.5
5	256QAM	1	12	19.14	19.19	19.28		
5	256QAM	1	24	19.30	19.27	19.19		
5	256QAM	12	0	19.08	19.05	19.10	20.5	1.5
5	256QAM	12	7	18.97	19.12	19.02		
5	256QAM	12	13	19.13	19.07	18.97		
5	256QAM	25	0	19.01	19.05	19.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.35	20.51	20.33	22	0
3	QPSK	1	8	20.46	20.39	20.39		
3	QPSK	1	14	20.34	20.44	20.33		
3	QPSK	8	0	20.45	20.42	20.34	22	0
3	QPSK	8	4	20.34	20.43	20.39		
3	QPSK	8	7	20.36	20.47	20.39		
3	QPSK	15	0	20.41	20.50	20.40		
3	16QAM	1	0	20.34	20.40	20.38	22	0
3	16QAM	1	8	20.39	20.51	20.45		
3	16QAM	1	14	20.46	20.38	20.39		
3	16QAM	8	0	20.46	20.47	20.43	22	0
3	16QAM	8	4	20.34	20.41	20.38		
3	16QAM	8	7	20.41	20.47	20.43		
3	16QAM	15	0	20.35	20.39	20.32		
3	64QAM	1	0	20.39	20.42	20.35	22	0
3	64QAM	1	8	20.44	20.45	20.32		
3	64QAM	1	14	20.41	20.48	20.45		
3	64QAM	8	0	20.46	20.47	20.43	22	0
3	64QAM	8	4	20.34	20.49	20.42		
3	64QAM	8	7	20.42	20.39	20.35		
3	64QAM	15	0	20.48	20.42	20.34		
3	256QAM	1	0	19.27	19.31	19.22	20.5	1.5
3	256QAM	1	8	19.22	19.30	19.25		
3	256QAM	1	14	19.33	19.22	19.22		
3	256QAM	8	0	19.08	19.17	19.08	20.5	1.5
3	256QAM	8	4	18.99	19.12	19.06		
3	256QAM	8	7	19.08	19.11	19.01		
3	256QAM	15	0	19.05	19.09	19.06		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.36	20.48	20.46	22	0
1.4	QPSK	1	3	20.48	20.42	20.37		
1.4	QPSK	1	5	20.48	20.38	20.38		
1.4	QPSK	3	0	20.38	20.40	20.45		
1.4	QPSK	3	1	20.46	20.37	20.46		
1.4	QPSK	3	3	20.37	20.41	20.37		
1.4	QPSK	6	0	20.45	20.48	20.35	22	0
1.4	16QAM	1	0	20.38	20.45	20.44	22	0
1.4	16QAM	1	3	20.43	20.39	20.32		
1.4	16QAM	1	5	20.36	20.49	20.35		
1.4	16QAM	3	0	20.41	20.47	20.36		
1.4	16QAM	3	1	20.47	20.40	20.35		
1.4	16QAM	3	3	20.42	20.39	20.32		
1.4	16QAM	6	0	20.40	20.46	20.46	22	0
1.4	64QAM	1	0	20.35	20.49	20.45	22	0
1.4	64QAM	1	3	20.45	20.51	20.39		
1.4	64QAM	1	5	20.35	20.47	20.33		
1.4	64QAM	3	0	20.36	20.42	20.32		
1.4	64QAM	3	1	20.34	20.46	20.35		
1.4	64QAM	3	3	20.35	20.49	20.32		
1.4	64QAM	6	0	20.44	20.46	20.39	22	0
1.4	256QAM	1	0	19.34	19.21	19.12	20.5	1.5
1.4	256QAM	1	3	19.17	19.20	19.17		
1.4	256QAM	1	5	19.25	19.20	19.26		
1.4	256QAM	3	0	19.04	19.08	19.14		
1.4	256QAM	3	1	18.98	19.05	18.95		
1.4	256QAM	3	3	19.11	18.98	19.07		
1.4	256QAM	6	0	19.06	19.04	19.11	20.5	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	19.05	19.08	19.01	19.7	0
20	QPSK	1	49	19.03	19.02	18.92		
20	QPSK	1	99	18.96	19.06	18.96		
20	QPSK	50	0	19.03	19.05	19.00	19.7	0
20	QPSK	50	24	18.97	19.02	18.90		
20	QPSK	50	50	19.02	19.01	18.98		
20	QPSK	100	0	19.00	19.02	18.98		
20	16QAM	1	0	18.97	19.03	18.96	19.7	0
20	16QAM	1	49	18.99	19.01	18.99		
20	16QAM	1	99	18.94	18.99	18.91		
20	16QAM	50	0	18.95	19.03	18.92	19.7	0
20	16QAM	50	24	19.00	18.96	18.91		
20	16QAM	50	50	18.95	19.02	18.97		
20	16QAM	100	0	18.94	18.95	18.98		
20	64QAM	1	0	19.02	18.99	18.91	19.7	0
20	64QAM	1	49	19.02	18.96	18.98		
20	64QAM	1	99	18.98	19.00	18.96		
20	64QAM	50	0	19.00	18.99	18.96	19.7	0
20	64QAM	50	24	19.01	19.02	18.94		
20	64QAM	50	50	19.02	19.04	18.98		
20	64QAM	100	0	18.95	19.03	18.90		
20	256QAM	1	0	19.00	19.03	18.95	19.7	0
20	256QAM	1	49	18.94	18.95	18.93		
20	256QAM	1	99	19.01	19.01	18.92		
20	256QAM	50	0	18.99	18.95	18.92	19.7	0
20	256QAM	50	24	19.01	18.99	18.96		
20	256QAM	50	50	19.00	18.96	18.93		
20	256QAM	100	0	19.01	18.97	18.97		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.96	19.07	18.99	19.7	0
15	QPSK	1	37	18.94	18.99	18.90		
15	QPSK	1	74	18.86	18.96	18.90		
15	QPSK	36	0	18.98	19.03	18.93	19.7	0
15	QPSK	36	20	18.89	18.99	18.88		
15	QPSK	36	39	18.92	18.93	18.88		
15	QPSK	75	0	18.97	18.99	18.94		
15	16QAM	1	0	18.94	18.97	18.93	19.7	0
15	16QAM	1	37	18.93	18.91	18.95		
15	16QAM	1	74	18.90	18.96	18.89		
15	16QAM	36	0	18.85	19.01	18.90	19.7	0
15	16QAM	36	20	18.90	18.92	18.82		
15	16QAM	36	39	18.89	18.93	18.88		
15	16QAM	75	0	18.89	18.92	18.89		
15	64QAM	1	0	18.98	18.93	18.89	19.7	0
15	64QAM	1	37	18.95	18.95	18.91		
15	64QAM	1	74	18.92	18.95	18.90		
15	64QAM	36	0	18.96	18.93	18.90	19.7	0
15	64QAM	36	20	18.95	18.96	18.84		
15	64QAM	36	39	18.97	19.01	18.97		
15	64QAM	75	0	18.87	18.99	18.80		
15	256QAM	1	0	18.91	18.93	18.85	19.7	0
15	256QAM	1	37	18.86	18.92	18.85		
15	256QAM	1	74	18.97	18.94	18.88		
15	256QAM	36	0	18.94	18.94	18.83	19.7	0
15	256QAM	36	20	18.93	18.98	18.89		
15	256QAM	36	39	18.96	18.86	18.89		
15	256QAM	75	0	19.00	18.96	18.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.96	19.04	18.99	19.7	0
10	QPSK	1	25	18.96	19.00	18.91		
10	QPSK	1	49	18.94	19.04	18.88		
10	QPSK	25	0	19.00	19.00	18.98	19.7	0
10	QPSK	25	12	18.90	18.96	18.82		
10	QPSK	25	25	18.98	18.94	18.92		
10	QPSK	50	0	18.99	18.95	18.93		
10	16QAM	1	0	18.91	18.96	18.88	19.7	0
10	16QAM	1	25	18.96	18.96	18.94		
10	16QAM	1	49	18.85	18.96	18.84		
10	16QAM	25	0	18.93	18.99	18.87	19.7	0
10	16QAM	25	12	18.99	18.89	18.83		
10	16QAM	25	25	18.90	18.92	18.96		
10	16QAM	50	0	18.90	18.88	18.96		
10	64QAM	1	0	18.95	18.90	18.84	19.7	0
10	64QAM	1	25	18.92	18.89	18.90		
10	64QAM	1	49	18.89	18.97	18.94		
10	64QAM	25	0	18.91	18.90	18.86	19.7	0
10	64QAM	25	12	18.91	18.93	18.93		
10	64QAM	25	25	19.00	18.94	18.91		
10	64QAM	50	0	18.94	18.95	18.85		
10	256QAM	1	0	18.94	19.00	18.91	19.7	0
10	256QAM	1	25	18.92	18.90	18.88		
10	256QAM	1	49	18.94	18.95	18.82		
10	256QAM	25	0	18.93	18.85	18.84	19.7	0
10	256QAM	25	12	18.99	18.94	18.94		
10	256QAM	25	25	18.96	18.92	18.86		
10	256QAM	50	0	18.91	18.94	18.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.04	19.03	18.92	19.7	0
5	QPSK	1	12	18.97	19.01	18.91		
5	QPSK	1	24	18.94	18.98	18.94		
5	QPSK	12	0	18.96	18.97	18.90	19.7	0
5	QPSK	12	7	18.96	18.92	18.82		
5	QPSK	12	13	19.00	18.95	18.96		
5	QPSK	25	0	18.99	19.00	18.93		
5	16QAM	1	0	18.92	18.95	18.92	19.7	0
5	16QAM	1	12	18.89	19.00	18.90		
5	16QAM	1	24	18.89	18.93	18.82		
5	16QAM	12	0	18.93	19.01	18.84	19.7	0
5	16QAM	12	7	18.90	18.88	18.89		
5	16QAM	12	13	18.92	18.92	18.88		
5	16QAM	25	0	18.84	18.88	18.88		
5	64QAM	1	0	18.94	18.96	18.82	19.7	0
5	64QAM	1	12	19.01	18.92	18.97		
5	64QAM	1	24	18.88	18.97	18.92		
5	64QAM	12	0	18.90	18.96	18.93	19.7	0
5	64QAM	12	7	18.91	18.98	18.90		
5	64QAM	12	13	18.99	18.98	18.96		
5	64QAM	25	0	18.88	18.99	18.85		
5	256QAM	1	0	18.98	18.96	18.89	19.7	0
5	256QAM	1	12	18.87	18.91	18.92		
5	256QAM	1	24	18.97	18.99	18.88		
5	256QAM	12	0	18.98	18.91	18.88	19.7	0
5	256QAM	12	7	18.96	18.94	18.87		
5	256QAM	12	13	18.94	18.87	18.84		
5	256QAM	25	0	18.96	18.91	18.88		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.93	23.95	23.75	25	0
20	QPSK	1	49	23.85	23.84	23.67		
20	QPSK	1	99	23.91	23.88	23.66		
20	QPSK	50	0	22.93	22.95	22.69	24	1
20	QPSK	50	24	22.90	22.83	22.63		
20	QPSK	50	50	22.91	22.87	22.67		
20	QPSK	100	0	22.91	22.92	22.67		
20	16QAM	1	0	23.08	23.03	22.78	24	1
20	16QAM	1	49	23.07	23.06	22.80		
20	16QAM	1	99	23.12	23.02	22.76		
20	16QAM	50	0	21.87	21.85	21.67	23	2
20	16QAM	50	24	21.91	21.82	21.61		
20	16QAM	50	50	21.93	21.85	21.65		
20	16QAM	100	0	21.90	21.84	21.65		
20	64QAM	1	0	22.05	21.98	21.75	23	2
20	64QAM	1	49	21.96	21.97	21.80		
20	64QAM	1	99	22.07	22.02	21.66		
20	64QAM	50	0	20.89	20.87	20.69	22	3
20	64QAM	50	24	20.90	20.83	20.64		
20	64QAM	50	50	20.94	20.86	20.67		
20	64QAM	100	0	20.92	20.86	20.66		
20	256QAM	1	0	18.94	18.88	18.84	20	5
20	256QAM	1	49	18.83	18.75	18.76		
20	256QAM	1	99	18.77	18.74	18.80		
20	256QAM	50	0	18.71	18.71	18.77	20	5
20	256QAM	50	24	18.59	18.65	18.57		
20	256QAM	50	50	18.72	18.66	18.68		
20	256QAM	100	0	18.61	18.67	18.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.83	23.91	23.69	25	0
15	QPSK	1	37	23.83	23.80	23.65		
15	QPSK	1	74	23.83	23.86	23.61		
15	QPSK	36	0	22.82	22.84	22.66	24	1
15	QPSK	36	20	22.85	22.75	22.60		
15	QPSK	36	39	22.85	22.76	22.56		
15	QPSK	75	0	22.88	22.86	22.62		
15	16QAM	1	0	23.06	23.01	22.74	24	1
15	16QAM	1	37	23.05	23.00	22.73		
15	16QAM	1	74	23.02	22.98	22.69		
15	16QAM	36	0	21.84	21.79	21.56	23	2
15	16QAM	36	20	21.81	21.79	21.52		
15	16QAM	36	39	21.90	21.78	21.61		
15	16QAM	75	0	21.82	21.77	21.56		
15	64QAM	1	0	21.99	21.91	21.72	23	2
15	64QAM	1	37	21.94	21.92	21.77		
15	64QAM	1	74	22.05	21.92	21.55		
15	64QAM	36	0	20.83	20.82	20.59	22	3
15	64QAM	36	20	20.86	20.78	20.56		
15	64QAM	36	39	20.92	20.77	20.61		
15	64QAM	75	0	20.86	20.76	20.63		
15	256QAM	1	0	18.95	18.80	18.85	20	5
15	256QAM	1	37	18.83	18.81	18.70		
15	256QAM	1	74	18.76	18.71	18.79		
15	256QAM	36	0	18.75	18.72	18.75	20	5
15	256QAM	36	20	18.51	18.64	18.49		
15	256QAM	36	39	18.78	18.70	18.63		
15	256QAM	75	0	18.63	18.60	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.82	23.88	23.72	25	0
10	QPSK	1	25	23.81	23.77	23.65		
10	QPSK	1	49	23.82	23.77	23.59		
10	QPSK	25	0	22.82	22.87	22.59	24	1
10	QPSK	25	12	22.81	22.78	22.54		
10	QPSK	25	25	22.88	22.85	22.59		
10	QPSK	50	0	22.83	22.82	22.58		
10	16QAM	1	0	23.06	22.92	22.76	24	1
10	16QAM	1	25	23.05	23.03	22.78		
10	16QAM	1	49	23.03	22.97	22.70		
10	16QAM	25	0	21.81	21.80	21.59	23	2
10	16QAM	25	12	21.89	21.76	21.55		
10	16QAM	25	25	21.90	21.81	21.61		
10	16QAM	50	0	21.88	21.77	21.58		
10	64QAM	1	0	22.03	21.93	21.72	23	2
10	64QAM	1	25	21.89	21.89	21.70		
10	64QAM	1	49	21.96	22.00	21.55		
10	64QAM	25	0	20.82	20.79	20.59	22	3
10	64QAM	25	12	20.80	20.76	20.61		
10	64QAM	25	25	20.90	20.75	20.58		
10	64QAM	50	0	20.84	20.79	20.60		
10	256QAM	1	0	18.91	18.91	18.79	20	5
10	256QAM	1	25	18.89	18.69	18.69		
10	256QAM	1	49	18.72	18.75	18.80		
10	256QAM	25	0	18.65	18.68	18.84	20	5
10	256QAM	25	12	18.63	18.57	18.59		
10	256QAM	25	25	18.70	18.73	18.68		
10	256QAM	50	0	18.63	18.60	18.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.91	23.87	23.71	25	0
5	QPSK	1	12	23.81	23.74	23.59		
5	QPSK	1	24	23.84	23.86	23.62		
5	QPSK	12	0	22.84	22.93	22.61	24	1
5	QPSK	12	7	22.84	22.72	22.56		
5	QPSK	12	13	22.89	22.78	22.62		
5	QPSK	25	0	22.82	22.86	22.65		
5	16QAM	1	0	23.00	23.01	22.73	24	1
5	16QAM	1	12	23.01	22.95	22.69		
5	16QAM	1	24	23.01	22.96	22.68		
5	16QAM	12	0	21.81	21.82	21.61	23	2
5	16QAM	12	7	21.83	21.78	21.56		
5	16QAM	12	13	21.86	21.81	21.56		
5	16QAM	25	0	21.83	21.75	21.56		
5	64QAM	1	0	21.94	21.92	21.71	23	2
5	64QAM	1	12	21.86	21.90	21.70		
5	64QAM	1	24	22.02	21.97	21.59		
5	64QAM	12	0	20.82	20.79	20.65	22	3
5	64QAM	12	7	20.87	20.74	20.55		
5	64QAM	12	13	20.90	20.84	20.58		
5	64QAM	25	0	20.89	20.75	20.61		
5	256QAM	1	0	18.98	18.93	18.90	20	5
5	256QAM	1	12	18.84	18.74	18.78		
5	256QAM	1	24	18.71	18.80	18.76		
5	256QAM	12	0	18.64	18.71	18.75	20	5
5	256QAM	12	7	18.65	18.61	18.55		
5	256QAM	12	13	18.69	18.69	18.60		
5	256QAM	25	0	18.63	18.71	18.72		

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	20.15	20.18	20.12		
20	QPSK	1	49	20.10	20.14	20.03	21.2	0
20	QPSK	1	99	20.03	20.09	20.07		
20	QPSK	50	0	20.13	20.15	20.10		
20	QPSK	50	24	20.10	20.06	20.00	21.2	0
20	QPSK	50	50	20.12	20.09	20.03		
20	QPSK	100	0	20.10	20.13	20.07		
20	16QAM	1	0	20.08	20.14	20.01		
20	16QAM	1	49	20.11	20.06	20.05	21.2	0
20	16QAM	1	99	20.08	20.06	20.02		
20	16QAM	50	0	20.12	20.05	20.02		
20	16QAM	50	24	20.08	20.12	20.04	21.2	0
20	16QAM	50	50	20.11	20.09	20.04		
20	16QAM	100	0	20.04	20.14	20.00		
20	64QAM	1	0	20.08	20.08	20.01		
20	64QAM	1	49	20.05	20.07	20.02	21.2	0
20	64QAM	1	99	20.05	20.07	20.06		
20	64QAM	50	0	20.09	20.10	20.07		
20	64QAM	50	24	20.05	20.07	20.08	21.2	0
20	64QAM	50	50	20.05	20.05	20.07		
20	64QAM	100	0	20.11	20.13	20.00		
20	256QAM	1	0	19.72	19.74	19.73		
20	256QAM	1	49	19.60	19.57	19.58	20.7	0.5
20	256QAM	1	99	19.54	19.52	19.48		
20	256QAM	50	0	19.49	19.53	19.47		
20	256QAM	50	24	19.38	19.46	19.54	20.7	0.5
20	256QAM	50	50	19.43	19.43	19.44		
20	256QAM	100	0	19.41	19.48	19.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.09	20.05	20.00		
15	QPSK	1	37	20.06	20.13	20.02	21.2	0
15	QPSK	1	74	20.09	20.09	20.01		
15	QPSK	36	0	20.10	20.11	20.04		
15	QPSK	36	20	20.07	20.10	20.06	21.2	0
15	QPSK	36	39	20.10	20.07	20.07		
15	QPSK	75	0	20.04	20.05	20.06		
15	16QAM	1	0	20.10	20.09	20.08		
15	16QAM	1	37	20.07	20.05	20.01	21.2	0
15	16QAM	1	74	20.04	20.05	20.01		
15	16QAM	36	0	20.10	20.11	20.07		
15	16QAM	36	20	20.09	20.09	20.05	21.2	0
15	16QAM	36	39	20.11	20.12	20.07		
15	16QAM	75	0	20.12	20.09	20.06		
15	64QAM	1	0	20.12	20.09	20.09		
15	64QAM	1	37	20.12	20.07	20.05	21.2	0
15	64QAM	1	74	20.10	20.10	20.03		
15	64QAM	36	0	20.08	20.07	20.07		
15	64QAM	36	20	20.05	20.11	20.08	21.2	0
15	64QAM	36	39	20.11	20.05	20.01		
15	64QAM	75	0	20.07	20.08	20.00		
15	256QAM	1	0	19.77	19.69	19.74		
15	256QAM	1	37	19.57	19.57	19.60	20.7	0.5
15	256QAM	1	74	19.60	19.59	19.51		
15	256QAM	36	0	19.46	19.61	19.44		
15	256QAM	36	20	19.41	19.45	19.59	20.7	0.5
15	256QAM	36	39	19.48	19.47	19.37		
15	256QAM	75	0	19.34	19.42	19.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.08	20.05	20.09		
10	QPSK	1	25	20.08	20.12	20.08	21.2	0
10	QPSK	1	49	20.11	20.11	20.01		
10	QPSK	25	0	20.06	20.11	20.05		
10	QPSK	25	12	20.12	20.07	20.03	21.2	0
10	QPSK	25	25	20.12	20.13	20.08		
10	QPSK	50	0	20.04	20.07	20.09		
10	16QAM	1	0	20.03	20.05	20.06		
10	16QAM	1	25	20.08	20.11	20.03	21.2	0
10	16QAM	1	49	20.04	20.14	20.04		
10	16QAM	25	0	20.06	20.14	20.04		
10	16QAM	25	12	20.06	20.13	20.09	21.2	0
10	16QAM	25	25	20.07	20.06	20.05		
10	16QAM	50	0	20.08	20.08	20.06		
10	64QAM	1	0	20.08	20.13	20.03		
10	64QAM	1	25	20.03	20.10	20.05	21.2	0
10	64QAM	1	49	20.06	20.11	20.01		
10	64QAM	25	0	20.03	20.05	20.07		
10	64QAM	25	12	20.04	20.11	20.05	21.2	0
10	64QAM	25	25	20.12	20.09	20.08		
10	64QAM	50	0	20.05	20.07	20.07		
10	256QAM	1	0	19.79	19.79	19.77		
10	256QAM	1	25	19.54	19.62	19.50	20.7	0.5
10	256QAM	1	49	19.46	19.48	19.42		
10	256QAM	25	0	19.53	19.48	19.42		
10	256QAM	25	12	19.35	19.47	19.51	20.7	0.5
10	256QAM	25	25	19.38	19.35	19.51		
10	256QAM	50	0	19.37	19.55	19.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.10	20.08	20.01		
5	QPSK	1	12	20.09	20.09	20.00	21.2	0
5	QPSK	1	24	20.04	20.09	20.05		
5	QPSK	12	0	20.03	20.14	20.08		
5	QPSK	12	7	20.06	20.09	20.05	21.2	0
5	QPSK	12	13	20.04	20.13	20.08		
5	QPSK	25	0	20.11	20.11	20.05		
5	16QAM	1	0	20.06	20.14	20.09		
5	16QAM	1	12	20.07	20.08	20.05	21.2	0
5	16QAM	1	24	20.08	20.09	20.06		
5	16QAM	12	0	20.09	20.08	20.01		
5	16QAM	12	7	20.10	20.11	20.01	21.2	0
5	16QAM	12	13	20.05	20.10	20.09		
5	16QAM	25	0	20.08	20.13	20.03		
5	64QAM	1	0	20.07	20.06	20.09		
5	64QAM	1	12	20.08	20.05	20.09	21.2	0
5	64QAM	1	24	20.08	20.13	20.02		
5	64QAM	12	0	20.09	20.07	20.09		
5	64QAM	12	7	20.04	20.13	20.06	21.2	0
5	64QAM	12	13	20.08	20.07	20.07		
5	64QAM	25	0	20.08	20.07	20.05		
5	256QAM	1	0	19.67	19.82	19.67		
5	256QAM	1	12	19.59	19.53	19.64	20.7	0.5
5	256QAM	1	24	19.46	19.52	19.50		
5	256QAM	12	0	19.57	19.49	19.48		
5	256QAM	12	7	19.34	19.39	19.56	20.7	0.5
5	256QAM	12	13	19.40	19.47	19.50		
5	256QAM	25	0	19.39	19.50	19.52		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.30	17.33	17.15		
20	QPSK	1	49	17.20	17.25	17.07	18.5	0
20	QPSK	1	99	17.22	17.23	17.01		
20	QPSK	50	0	17.26	17.28	17.10		
20	QPSK	50	24	17.25	17.27	17.01	18.5	0
20	QPSK	50	50	17.22	17.18	17.07		
20	QPSK	100	0	17.20	17.23	17.04		
20	16QAM	1	0	17.23	17.21	17.01		
20	16QAM	1	49	17.23	17.24	17.00	18.5	0
20	16QAM	1	99	17.22	17.26	17.07		
20	16QAM	50	0	17.20	17.22	17.03		
20	16QAM	50	24	17.18	17.27	17.07	18.5	0
20	16QAM	50	50	17.25	17.27	17.01		
20	16QAM	100	0	17.20	17.20	17.02		
20	64QAM	1	0	17.22	17.19	17.04		
20	64QAM	1	49	17.17	17.24	17.04	18.5	0
20	64QAM	1	99	17.18	17.25	17.00		
20	64QAM	50	0	17.16	17.21	17.06		
20	64QAM	50	24	17.21	17.18	17.08	18.5	0
20	64QAM	50	50	17.21	17.24	17.06		
20	64QAM	100	0	17.19	17.24	17.07		
20	256QAM	1	0	17.25	17.20	17.04		
20	256QAM	1	49	17.18	17.24	17.05	18.5	0
20	256QAM	1	99	17.17	17.23	17.01		
20	256QAM	50	0	17.22	17.25	17.06		
20	256QAM	50	24	17.18	17.18	17.04	18.5	0
20	256QAM	50	50	17.16	17.19	17.05		
20	256QAM	100	0	17.22	17.23	17.00		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.24	17.25	17.10		
15	QPSK	1	37	17.16	17.23	17.06	18.5	0
15	QPSK	1	74	17.12	17.19	16.96		
15	QPSK	36	0	17.18	17.26	17.09		
15	QPSK	36	20	17.16	17.16	16.92	18.5	0
15	QPSK	36	39	17.12	17.14	16.98		
15	QPSK	75	0	17.18	17.22	16.95		
15	16QAM	1	0	17.14	17.13	16.97		
15	16QAM	1	37	17.15	17.22	16.95	18.5	0
15	16QAM	1	74	17.15	17.17	16.98		
15	16QAM	36	0	17.11	17.21	16.96		
15	16QAM	36	20	17.16	17.23	17.03	18.5	0
15	16QAM	36	39	17.15	17.21	16.98		
15	16QAM	75	0	17.10	17.12	17.00		
15	64QAM	1	0	17.13	17.10	17.01		
15	64QAM	1	37	17.14	17.20	16.98	18.5	0
15	64QAM	1	74	17.14	17.24	16.93		
15	64QAM	36	0	17.14	17.14	16.98		
15	64QAM	36	20	17.12	17.11	16.98	18.5	0
15	64QAM	36	39	17.17	17.15	16.99		
15	64QAM	75	0	17.12	17.18	17.02		
15	256QAM	1	0	17.20	17.13	16.97		
15	256QAM	1	37	17.11	17.20	17.04	18.5	0
15	256QAM	1	74	17.10	17.14	17.00		
15	256QAM	36	0	17.21	17.17	17.04		
15	256QAM	36	20	17.13	17.15	16.94	18.5	0
15	256QAM	36	39	17.10	17.13	16.99		
15	256QAM	75	0	17.20	17.13	16.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.21	17.25	17.09		
10	QPSK	1	25	17.14	17.24	16.97	18.5	0
10	QPSK	1	49	17.14	17.21	16.96		
10	QPSK	25	0	17.20	17.19	17.00		
10	QPSK	25	12	17.18	17.18	16.95	18.5	0
10	QPSK	25	25	17.14	17.11	17.01		
10	QPSK	50	0	17.17	17.21	16.94		
10	16QAM	1	0	17.18	17.15	17.00		
10	16QAM	1	25	17.20	17.18	16.93	18.5	0
10	16QAM	1	49	17.12	17.25	17.00		
10	16QAM	25	0	17.16	17.12	16.97		
10	16QAM	25	12	17.10	17.26	17.01	18.5	0
10	16QAM	25	25	17.20	17.19	16.99		
10	16QAM	50	0	17.18	17.19	16.92		
10	64QAM	1	0	17.17	17.12	16.98		
10	64QAM	1	25	17.11	17.16	16.95	18.5	0
10	64QAM	1	49	17.12	17.16	16.96		
10	64QAM	25	0	17.13	17.20	16.97		
10	64QAM	25	12	17.12	17.09	17.01	18.5	0
10	64QAM	25	25	17.16	17.21	17.05		
10	64QAM	50	0	17.10	17.19	17.04		
10	256QAM	1	0	17.23	17.17	16.97		
10	256QAM	1	25	17.13	17.23	17.03	18.5	0
10	256QAM	1	49	17.12	17.13	16.92		
10	256QAM	25	0	17.17	17.18	17.00		
10	256QAM	25	12	17.15	17.13	17.03	18.5	0
10	256QAM	25	25	17.13	17.16	17.00		
10	256QAM	50	0	17.17	17.16	16.94		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.29	17.25	17.07		
5	QPSK	1	12	17.14	17.24	16.99	18.5	0
5	QPSK	1	24	17.16	17.16	16.97		
5	QPSK	12	0	17.20	17.27	17.08		
5	QPSK	12	7	17.19	17.21	16.99	18.5	0
5	QPSK	12	13	17.16	17.12	16.97		
5	QPSK	25	0	17.11	17.19	16.95		
5	16QAM	1	0	17.16	17.20	17.00		
5	16QAM	1	12	17.14	17.15	16.99	18.5	0
5	16QAM	1	24	17.16	17.17	17.05		
5	16QAM	12	0	17.16	17.13	17.02		
5	16QAM	12	7	17.17	17.17	17.04	18.5	0
5	16QAM	12	13	17.16	17.23	17.07		
5	16QAM	25	0	17.18	17.15	16.96		
5	64QAM	1	0	17.18	17.13	16.98		
5	64QAM	1	12	17.13	17.14	16.97	18.5	0
5	64QAM	1	24	17.15	17.23	16.96		
5	64QAM	12	0	17.14	17.12	17.04		
5	64QAM	12	7	17.19	17.09	16.98	18.5	0
5	64QAM	12	13	17.17	17.18	17.00		
5	64QAM	25	0	17.12	17.22	16.99		
5	256QAM	1	0	17.23	17.12	16.94		
5	256QAM	1	12	17.13	17.19	17.00	18.5	0
5	256QAM	1	24	17.09	17.17	16.99		
5	256QAM	12	0	17.17	17.20	16.98		
5	256QAM	12	7	17.13	17.15	16.94	18.5	0
5	256QAM	12	13	17.15	17.18	16.98		
5	256QAM	25	0	17.15	17.21	16.92		

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	24.48	24.51	24.48		
10	QPSK	1	25	24.41	24.42	24.35	25.5	0
10	QPSK	1	49	24.47	24.47	24.45		
10	QPSK	25	0	23.38	23.42	23.35		
10	QPSK	25	12	23.38	23.35	23.33	24.5	1
10	QPSK	25	25	23.35	23.40	23.33		
10	QPSK	50	0	23.35	23.39	23.35		
10	16QAM	1	0	23.48	23.54	23.55		
10	16QAM	1	25	23.49	23.51	23.46	24.5	1
10	16QAM	1	49	23.57	23.54	23.55		
10	16QAM	25	0	22.32	22.41	22.32		
10	16QAM	25	12	22.37	22.32	22.31	23.5	2
10	16QAM	25	25	22.38	22.38	22.38		
10	16QAM	50	0	22.33	22.38	22.34		
10	64QAM	1	0	22.47	22.52	22.48		
10	64QAM	1	25	22.50	22.53	22.47	23.5	2
10	64QAM	1	49	22.54	22.55	22.53		
10	64QAM	25	0	21.27	21.37	21.35		
10	64QAM	25	12	21.34	21.35	21.32	22.5	3
10	64QAM	25	25	21.35	21.38	21.33		
10	64QAM	50	0	21.32	21.39	21.34		
10	256QAM	1	0	19.87	19.80	19.79		
10	256QAM	1	25	19.67	19.70	19.63	20.5	5
10	256QAM	1	49	19.57	19.63	19.60		
10	256QAM	25	0	19.75	19.67	19.60		
10	256QAM	25	12	19.67	19.59	19.58	20.5	5
10	256QAM	25	25	19.62	19.56	19.50		
10	256QAM	50	0	19.70	19.64	19.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.46	24.44	24.38		
5	QPSK	1	12	24.32	24.31	24.33	25.5	0
5	QPSK	1	24	24.42	24.44	24.42		
5	QPSK	12	0	23.34	23.33	23.27		
5	QPSK	12	7	23.32	23.27	23.22	24.5	1
5	QPSK	12	13	23.30	23.33	23.26		
5	QPSK	25	0	23.25	23.32	23.25		
5	16QAM	1	0	23.40	23.50	23.51		
5	16QAM	1	12	23.43	23.40	23.43	24.5	1
5	16QAM	1	24	23.46	23.52	23.47		
5	16QAM	12	0	22.26	22.37	22.28		
5	16QAM	12	7	22.29	22.27	22.28	23.5	2
5	16QAM	12	13	22.34	22.28	22.36		
5	16QAM	25	0	22.25	22.30	22.23		
5	64QAM	1	0	22.41	22.43	22.44		
5	64QAM	1	12	22.46	22.44	22.45	23.5	2
5	64QAM	1	24	22.48	22.52	22.49		
5	64QAM	12	0	21.23	21.34	21.25		
5	64QAM	12	7	21.32	21.29	21.27	22.5	3
5	64QAM	12	13	21.30	21.35	21.24		
5	64QAM	25	0	21.23	21.32	21.27		
5	256QAM	1	0	19.83	19.79	19.78		
5	256QAM	1	12	19.60	19.77	19.61	20.5	5
5	256QAM	1	24	19.52	19.71	19.58		
5	256QAM	12	0	19.82	19.66	19.66		
5	256QAM	12	7	19.72	19.59	19.53	20.5	5
5	256QAM	12	13	19.65	19.55	19.58		
5	256QAM	25	0	19.72	19.69	19.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.45	24.43	24.44		
3	QPSK	1	8	24.34	24.39	24.33	25.5	0
3	QPSK	1	14	24.43	24.43	24.36		
3	QPSK	8	0	23.31	23.36	23.24		
3	QPSK	8	4	23.28	23.24	23.28	24.5	1
3	QPSK	8	7	23.30	23.30	23.22		
3	QPSK	15	0	23.24	23.34	23.24		
3	16QAM	1	0	23.39	23.47	23.51		
3	16QAM	1	8	23.43	23.45	23.37	24.5	1
3	16QAM	1	14	23.53	23.49	23.47		
3	16QAM	8	0	22.25	22.38	22.29		
3	16QAM	8	4	22.35	22.22	22.20	23.5	2
3	16QAM	8	7	22.34	22.30	22.27		
3	16QAM	15	0	22.22	22.30	22.29		
3	64QAM	1	0	22.42	22.43	22.40		
3	64QAM	1	8	22.46	22.43	22.37	23.5	2
3	64QAM	1	14	22.47	22.47	22.43		
3	64QAM	8	0	21.20	21.29	21.31		
3	64QAM	8	4	21.31	21.27	21.24	22.5	3
3	64QAM	8	7	21.30	21.32	21.23		
3	64QAM	15	0	21.29	21.35	21.29		
3	256QAM	1	0	19.89	19.80	19.79		
3	256QAM	1	8	19.72	19.64	19.58	20.5	5
3	256QAM	1	14	19.68	19.55	19.63		
3	256QAM	8	0	19.83	19.67	19.67		
3	256QAM	8	4	19.75	19.57	19.59	20.5	5
3	256QAM	8	7	19.61	19.51	19.55		
3	256QAM	15	0	19.68	19.57	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.37	24.49	24.46		
1.4	QPSK	1	3	24.34	24.35	24.26		
1.4	QPSK	1	5	24.43	24.40	24.42	25.5	0
1.4	QPSK	3	0	24.46	24.42	24.45		
1.4	QPSK	3	1	24.37	24.35	24.32		
1.4	QPSK	3	3	24.43	24.43	24.40		
1.4	QPSK	6	0	23.35	23.34	23.33	24.5	1
1.4	16QAM	1	0	23.29	23.30	23.23		
1.4	16QAM	1	3	23.26	23.30	23.31		
1.4	16QAM	1	5	23.33	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.37	23.51	23.52		
1.4	16QAM	3	1	23.46	23.46	23.44		
1.4	16QAM	3	3	23.48	23.51	23.46		
1.4	16QAM	6	0	22.24	22.31	22.23	23.5	2
1.4	64QAM	1	0	22.35	22.30	22.29		
1.4	64QAM	1	3	22.34	22.31	22.35		
1.4	64QAM	1	5	22.24	22.34	22.23	23.5	2
1.4	64QAM	3	0	22.40	22.45	22.40		
1.4	64QAM	3	1	22.48	22.47	22.44		
1.4	64QAM	3	3	22.47	22.50	22.47		
1.4	64QAM	6	0	21.24	21.27	21.26	22.5	3
1.4	256QAM	1	0	19.79	19.77	19.71		
1.4	256QAM	1	3	19.68	19.73	19.67		
1.4	256QAM	1	5	19.55	19.58	19.60	20.5	5
1.4	256QAM	3	0	19.81	19.72	19.54		
1.4	256QAM	3	1	19.59	19.63	19.54		
1.4	256QAM	3	3	19.57	19.60	19.42		
1.4	256QAM	6	0	19.65	19.71	19.63	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	23.10	22.86		
10	QPSK	1	25	22.85	22.85	22.76	24.5	0
10	QPSK	1	49	22.74	22.87	22.77		
10	QPSK	25	0	22.86	22.89	22.84		
10	QPSK	25	12	22.84	22.79	22.74	24.5	0
10	QPSK	25	25	22.84	22.84	22.80		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	22.77	22.83	22.82		
10	16QAM	1	25	22.77	22.74

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		25.09			
10	QPSK	1	25		25.05		25.7	0
10	QPSK	1	49		24.77			
10	QPSK	25	0		24.00			
10	QPSK	25	12		23.98		24.7	1
10	QPSK	25	25		23.94			
10	QPSK	50	0		23.96			
10	16QAM	1	0		24.30			
10	16QAM	1	25		23.98		24.7	1
10	16QAM	1	49		24.19			
10	16QAM	25	0		22.98			
10	16QAM	25	12		22.98		23.7	2
10	16QAM	25	25		22.93			
10	16QAM	50	0		22.92			
10	64QAM	1	0		23.23			
10	64QAM	1	25		23.13		23.7	2
10	64QAM	1	49		23.13			
10	64QAM	25	0		21.95			
10	64QAM	25	12		21.98		22.7	3
10	64QAM	25	25		21.92			
10	64QAM	50	0		21.96			
10	256QAM	1	0		20.47			
10	256QAM	1	25		20.30		20.7	5
10	256QAM	1	49		20.30			
10	256QAM	25	0		20.25			
10	256QAM	25	12		20.22		20.7	5
10	256QAM	25	25		20.17			
10	256QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.99	25.02	25.06		
5	QPSK	1	12	24.96	25.03	24.95	25.7	0
5	QPSK	1	24	24.68	24.74	24.70		
5	QPSK	12	0	23.94	23.91	23.91		
5	QPSK	12	7	23.87	23.90	23.96	24.7	1
5	QPSK	12	13	23.90	23.91	23.86		
5	QPSK	25	0	23.93	23.93	23.89		
5	16QAM	1	0	24.26	24.27	24.28		
5	16QAM	1	12	23.96	23.92	23.95	24.7	1
5	16QAM	1	24	24.09	24.11	24.15		
5	16QAM	12	0	22.87	22.91	22.95		
5	16QAM	12	7	22.92	22.90	22.94	23.7	2
5	16QAM	12	13	22.84	22.87	22.82		
5	16QAM	25	0	22.85	22.87	22.89		
5	64QAM	1	0	23.17	23.21	23.13		
5	64QAM	1	12	23.03	23.09	23.04	23.7	2
5	64QAM	1	24	23.10	23.06	23.04		
5	64QAM	12	0	21.89	21.85	21.87		
5	64QAM	12	7	21.92	21.90	21.93	22.7	3
5	64QAM	12	13	21.87	21.82	21.83		
5	64QAM	25	0	21.93	21.93	21.90		
5	256QAM	1	0	20.42	20.44	20.48		
5	256QAM	1	12	20.22	20.23	20.27	20.7	5
5	256QAM	1	24	20.30	20.28	20.24		
5	256QAM	12	0	20.22	20.30	20.29		
5	256QAM	12	7	20.28	20.30	20.28	20.7	5
5	256QAM	12	13	20.25	20.19	20.13		
5	256QAM	25	0	20.13	20.18	20.21		

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		20.93			
10	QPSK	1	25		20.90		22	0
10	QPSK	1	49		20.89			
10	QPSK	25	0		20.90			
10	QPSK	25	12		20.88		22	0
10	QPSK	25	25		20.85			
10	QPSK	50	0		20.89			
10	16QAM	1	0		20.79			
10	16QAM	1	25		20.85		22	0
10	16QAM	1	49		20.79			
10	16QAM	25	0		20.83			
10	16QAM	25	12		20.73		22	0
10	16QAM	25	25		20.78			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.81			
10	64QAM	1	25		20.79		22	0
10	64QAM	1	49		20.88			
10	64QAM	25	0		20.82			
10	64QAM	25	12		20.78		22	0
10	64QAM	25	25		20.81			
10	64QAM	50	0		20.80			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.55		20.5	1.5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.51		20.5	1.5
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.48			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.79	20.91	20.81		
5	QPSK	1	12	20.81	20.87	20.75	22	0
5	QPSK	1	24	20.82	20.85	20.78		
5	QPSK	12	0	20.83	20.75	20.88		
5	QPSK	12	7	20.81	20.80	20.74	22	0
5	QPSK	12	13	20.76	20.78	20.80		
5	QPSK	25	0	20.76	20.75	20.76		
5	16QAM	1	0	20.76	20.78	20.72		
5	16QAM	1	12	20.82	20.71	20.82	22	0
5	16QAM	1	24	20.77	20.72	20.67		
5	16QAM	12	0	20.78	20.80	20.79		
5	16QAM	12	7	20.59	20.70	20.69	22	0
5	16QAM	12	13	20.77	20.67	20.68		
5	16QAM	25	0	20.61	20.69	20.72		
5	64QAM	1	0	20.73	20.71	20.80		
5	64QAM	1	12	20.67	20.66	20.65	22	0
5	64QAM	1	24	20.76	20.74	20.73		
5	64QAM	12	0	20.76	20.78	20.71		
5	64QAM	12	7	20.71	20.66	20.77	22	0
5	64QAM	12	13	20.69	20.74	20.79		
5	64QAM	25	0	20.71	20.76	20.65		
5	256QAM	1	0	19.72	19.76	19.77		
5	256QAM	1	12	19.50	19.53	19.45	20.5	1.5
5	256QAM	1	24	19.45	19.52	19.48		
5	256QAM	12	0	19.39	19.43	19.47		
5	256QAM	12	7	19.43	19.44	19.37	20.5	1.5
5	256QAM	12	13	19.34	19.44	19.41		
5	256QAM	25	0	19.45	19.33	19.34		

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	24.46	24.50	24.48		
10	QPSK	1	25	24.42	24.40	24.38	25.5	0
10	QPSK	1	49	24.45	24.40	24.46		
10	QPSK	25	0	23.42	23.45	23.38		
10	QPSK	25	12	23.35	23.36	23.33	24.5	1
10	QPSK	25	25	23.41	23.41	23.35		
10	QPSK	50	0	23.40	23.42	23.36		
10	16QAM	1	0	23.52	23.52	23.55		
10	16QAM	1	25	23.53	23.55	23.51	24.5	1
10	16QAM	1	49	23.51	23.49	23.56		
10	16QAM	25	0	22.39	22.39	22.36		
10	16QAM	25	12	22.34	22.33	22.32	23.5	2
10	16QAM	25	25	22.40	22.39	22.34		
10	16QAM	50	0	22.38	22.39	22.34		
10	64QAM	1	0	22.45	22.53	22.47		
10	64QAM	1	25	22.56	22.52	22.48	23.5	2
10	64QAM	1	49	22.53	22.49	22.52		
10	64QAM	25	0	21.39	21.41	21.36		
10	64QAM	25	12	21.33	21.33	21.32	22.5	3
10	64QAM	25	25	21.41	21.39	21.32		
10	64QAM	50	0	21.40	21.39	21.36		
10	256QAM	1	0	19.77	19.84	19.82		
10	256QAM	1	25	19.66	19.72	19.68	20.5	5
10	256QAM	1	49	19.66	19.67	19.59		
10	256QAM	25	0	19.66	19.68	19.67		
10	256QAM	25	12	19.69	19.61	19.66	20.5	5
10	256QAM	25	25	19.66	19.63	19.63		
10	256QAM	50	0	19.72	19.69	19.69		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.40	24.45		
5	QPSK	1	12	24.34	24.29	24.34	25.5	0
5	QPSK	1	24	24.36	24.29	24.39		
5	QPSK	12	0	23.40	23.41	23.27		
5	QPSK	12	7	23.32	23.28	23.22	24.5	1
5	QPSK	12	13	23.30	23.39	23.27		
5	QPSK	25	0	23.33	23.34	23.32		
5	16QAM	1	0	23.41	23.41	23.50		
5	16QAM	1	12	23.50	23.48	23.45	24.5	1
5	16QAM	1	24	23.48	23.47	23.46		
5	16QAM	12	0	22.32	22.36	22.28		
5	16QAM	12	7	22.27	22.29	22.30	23.5	2
5	16QAM	12	13	22.32	22.37	22.30		
5	16QAM	25	0	22.33	22.30	22.24		
5	64QAM	1	0	22.39	22.44	22.40		
5	64QAM	1	12	22.50	22.46	22.44	23.5	2
5	64QAM	1	24	22.48	22.45	22.45		
5	64QAM	12	0	21.29	21.31	21.32		
5	64QAM	12	7	21.26	21.29	21.28	22.5	3
5	64QAM	12	13	21.33	21.32	21.30		
5	64QAM	25	0	21.36	21.34	21.33		
5	256QAM	1	0	19.82	19.89	19.74		
5	256QAM	1	12	19.62	19.71	19.67	20.5	5
5	256QAM	1	24	19.66	19.66	19.66		
5	256QAM	12	0	19.67	19.75	19.61		
5	256QAM	12	7	19.75	19.57	19.58	20.5	5
5	256QAM	12	13	19.60	19.70	19.64		
5	256QAM	25	0	19.72	19.76	19.77		

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	22.31	22.36	22.33		
10	QPSK	1	25	22.15	22.26	22.19	24	0
10	QPSK	1	49	22.20	22.25	22.30		
10	QPSK	25	0	22.30	22.33	22.32		
10	QPSK	25	12	22.23	22.32	22.21	24	0
10	QPSK	25	25	22.28	22.29	22.30		
10	QPSK	50	0	22.28	22.30	22.29		
10	16QAM	1	0	22.17	22.30	22.31		
10	16QAM	1	25	22.26	22.27	22.29	24	0
10	16QAM	1	49	22.25	22.24	22.21		
10	16QAM	25	0	21.83	21.79	21.77		
10	16QAM	25	12	21.74	21.75	21.71	23.5	0.5
10	16QAM	25	25	21.82	21.80	21.74		
10	16QAM	50	0	21.82	21.80	21.74		
10	64QAM	1	0	21.92	21.97	21.92		
10	64QAM	1	25	21.97	21.96	21.85	23.5	0.5
10	64QAM	1	49	21.90	21.88	21.96		
10	64QAM	25	0	20.83	20.82	20.78		
10	64QAM	25	12	20.76	20.76	20.74	22.5	1.5
10	64QAM	25	25	20.84	20.81	20.76		
10	64QAM	50	0	20.83	20.81	20.75		
10	256QAM	1	0	19.22	19.23	19.21		
10	256QAM	1	25	19.20	19.12	19.07	20.5	3.5
10	256QAM	1	49	19.20	19.12	19.08		
10	256QAM	25	0	19.07	19.13	19.15		
10	256QAM	25	12	19.01	19.04	19.00	20.5	3.5
10	256QAM	25	25	19.12	19.06	19.13		
10	256QAM	50	0	19.15	19.10	19.09		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.28	22.35	22.25		
5	QPSK	1	12	22.09	22.20	22.14	24	0
5	QPSK	1	24	22.16	22.11	22.26		
5	QPSK	12	0	22.17	22.23	22.28		
5	QPSK	12	7	22.17	22.27	22.17	24	0
5	QPSK	12	13	22.21	22.27	22.20		
5	QPSK	25	0	22.18	22.24	22.27		
5	16QAM	1	0	22.08	22.24	22.30		
5	16QAM	1	12	22.19	22.13	22.19	24	0
5	16QAM	1	24	22.15	22.16	22.17		
5	16QAM	12	0	21.74	21.77	21.67		
5	16QAM	12	7	21.71	21.68	21.64	23.5	0.5
5	16QAM	12	13	21.74	21.70	21.64		
5	16QAM	25	0	21.72	21.78	21.70		
5	64QAM	1	0	21.89	21.86	21.88		
5	64QAM	1	12	21.87	21.90	21.83	23.5	0.5
5	64QAM	1	24	21.83	21.86	21.92		
5	64QAM	12	0	20.72	20.75	20.69		
5	64QAM	12	7	20.66	20.69	20.64	22.5	1.5
5	64QAM	12	13	20.80	20.72	20.73		
5	64QAM	25	0	20.72	20.70	20.72		
5	256QAM	1	0	19.19	19.15	19.17		
5	256QAM	1	12	19.28	19.07	19.03	20.5	3.5
5	256QAM	1	24	19.20	19.15	19.11		
5	256QAM	12	0	19.12	19.14	19.13		
5	256QAM	12	7	18.94	19.06	19.07	20.5	3.5
5	256QAM	12	13	19.09	19.02	19.10		
5	256QAM	25	0	19.11	19.06	19.05		

Band 26_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	25.02	25.05	24.86		
15	QPSK	1	37	24.79	24.89	24.68	25.7	0
15	QPSK	1	74	25.00	24.89	24.78		
15	QPSK	36	0	23.95	23.97	23.75		
15	QPSK	36	20	23.85	23.84	23.69	24.7	1
15	QPSK	36	39	23.90	23.84	23.71		
15	QPSK	75	0	23.83	23.87	23.74		
15	16QAM	1	0	23.96	24.02	24.07		
15	16QAM	1	37	23.96	24.05	23.82	24.7	1
15	16QAM	1	74	24.01	24.05	23.96		
15	16QAM	36	0	22.79	22.89	22.74		
15	16QAM	36	20	22.83	22.81	22.68	23.7	2
15	16QAM	36	39	22.87	22.85	22.71		
15	16QAM	75	0	22.82	22.84	22.75		
15	64QAM	1	0	22.93	22.97	23.00		
15	64QAM	1	37	22.89	23.00	22.79	23.7	2
15	64QAM	1	74	23.00	23.00	22.91		
15	64QAM	36	0	21.79	21.88	21.73		
15	64QAM	36	20	21.83	21.81	21.68	22.7	3
15	64QAM	36	39	21.88	21.84	21.70		
15	64QAM	75	0	21.84	21.83	21.74		
15	256QAM	1	0	20.18	20.21	20.18		
15	256QAM	1	37	20.21	20.20	20.12	20.7	5
15	256QAM	1	74	20.09	20.12	20.04		
15	256QAM	36	0	20.00	20.03	20.03		
15	256QAM	36	20	20.02	19.96	19.96	20.7	5
15	256QAM	36	39	20.03	19.99	19.93		
15	256QAM	75	0	19.99	20.03	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.95	24.94	24.75		
10	QPSK	1	25	24.71	24.83	24.59	25.7	0
10	QPSK	1	49	24.93	24.85	24.73		
10	QPSK	25	0	23.85	23.87	23.71		
10	QPSK	25	12	23.74	23.82	23.66	24.7	1
10	QPSK	25	25	23.81	23.82	23.69		
10	QPSK	50	0	23.77	23.79	23.71		
10	16QAM	1	0	23.97	23.98	24.01		
10	16QAM	1	25	23.82	23.98	23.72	24.7	1
10	16QAM	1	49	23.97	23.97	23.91		
10	16QAM	25	0	22.74	22.81	22.71		
10	16QAM	25	12	22.73	22.70	22.58	23.7	2
10	16QAM	25	25	22.81	22.75	22.64		
10	16QAM	50	0	22.77	22.81	22.70		
10	64QAM	1	0	22.83	22.91	22.93		
10	64QAM	1	25	22.86	22.97	22.71	23.7	2
10	64QAM	1	49	22.97	22.94	22.85		
10	64QAM	25	0	21.76	21.83	21.65		
10	64QAM	25	12	21.78	21.75	21.57	22.7	3
10	64QAM	25	25	21.78	21.80	21.62		
10	64QAM	50	0	21.75	21.75	21.71		
10	256QAM	1	0	20.23	20.28	20.24		
10	256QAM	1	25	20.14	20.22	20.06	20.7	5
10	256QAM	1	49	20.17	20.08	20.08		
10	256QAM	25	0	20.01	19.98	20.07		
10	256QAM	25	12	19.94	19.98	19.98	20.7	5
10	256QAM	25	25	20.03	19.92	19.96		
10	256QAM	50	0	19.91	20.10	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	24.99	24.76		
5	QPSK	1	12	24.71	24.83	24.63	25.7	0
5	QPSK	1	24	24.96	24.82	24.75		
5	QPSK	12	0	23.94	23.93	23.67		
5	QPSK	12	7	23.82	23.80	23.60	24.7	1
5	QPSK	12	13	23.81	23.80	23.66		
5	QPSK	25	0	23.77	23.77	23.70		
5	16QAM	1	0	23.92	23.91	24.00		
5	16QAM	1	12	23.83	24.02	23.77	24.7	1
5	16QAM	1	24	23.95	23.99	23.85		
5	16QAM	12	0	22.73	22.78	22.68		
5	16QAM	12	7	22.73	22.76	22.64	23.7	2
5	16QAM	12	13	22.76	22.79	22.64		
5	16QAM	25	0	22.75	22.80	22.67		
5	64QAM	1	0	22.91	22.88	22.91		
5	64QAM	1	12	22.84	22.97	22.76	23.7	2
5	64QAM	1	24	23.00	22.93	22.84		
5	64QAM	12	0	21.71	21.81	21.62		
5	64QAM	12	7	21.76	21.70	21.65	22.7	3
5	64QAM	12	13	21.80	21.76	21.63		
5	64QAM	25	0	21.76	21.76	21.66		
5	256QAM	1	0	20.16	20.26	20.22		
5	256QAM	1	12	20.24	20.26	20.16	20.7	5
5	256QAM	1	24	20.11	20.18	20.10		
5	256QAM	12	0	20.09	20.04	20.11		
5	256QAM	12	7	20.07	20.01	19.91	20.7	5
5	256QAM	12	13	20.07	19.94	19.93		
5	256QAM	25	0	20.05	20.11	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	24.98	24.81		
3	QPSK	1	8	24.69	24.81	24.64	25.7	0
3	QPSK	1	14	24.97	24.79	24.70		
3	QPSK	8	0	23.85	23.93	23.66		
3	QPSK	8	4	23.79	23.82	23.58	24.7	1
3	QPSK	8	7	23.81	23.77	23.66		
3	QPSK	15	0	23.77	23.83	23.64		
3	16QAM	1	0	23.98	24.08	24.00		
3	16QAM	1	8	23.87	23.95	23.71	24.7	1
3	16QAM	1	14	23.96	24.01	23.86		
3	16QAM	8	0	22.71	22.78	22.72		
3	16QAM	8	4	22.77	22.75	22.64	23.7	2
3	16QAM	8	7	22.76	22.75	22.68		
3	16QAM	15	0	22.76	22.81	22.69		
3	64QAM	1	0	22.87	22.91	22.92		
3	64QAM	1	8	22.95	22.82	22.72	23.7	2
3	64QAM	1	14	22.94	22.96	22.87		
3	64QAM	8	0	21.75	21.86	21.67		
3	64QAM	8	4	21.73	21.70	21.58		
3	64QAM	8	7	21.82	21.82	21.63	22.7	3
3	64QAM	15	0	21.76	21.72	21.68		
3	256QAM	1	0	20.20	20.19	20.17		
3	256QAM	1	8	20.13	20.25	20.04	20.7	5
3	256QAM	1	14	20.17	20.18	20.02		
3	256QAM	8	0	20.17	20.00	20.00		
3	256QAM	8	4	20.04	19.94	19.95	20.7	5
3	256QAM	8	7	20.03	20.03	20.00		
3	256QAM	15	0	20.05	20.05	20.03		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.96	24.97	24.75		
1.4	QPSK	1	3	24.74	24.84	24.59		
1.4	QPSK	1	5	24.94	24.85	24.74	25.7	0
1.4	QPSK	3	0	24.91	24.94	24.80		
1.4	QPSK	3	1	24.70	24.84	24.61		
1.4	QPSK	3	3	24.97	24.82	24.75		
1.4	QPSK	6	0	23.91	23.91	23.72	24.7	1
1.4	16QAM	1	0	23.79	23.78	23.62		
1.4	16QAM	1	3	23.82	23.78	23.66		
1.4	16QAM	1	5	23.73	23.83	23.72	24.7	1
1.4	16QAM	3	0	23.87	23.93	24.03		
1.4	16QAM	3	1	23.85	24.00	23.75		
1.4	16QAM	3	3	23.94	24.01	23.94		
1.4	16QAM	6	0	22.70	22.78	22.64	23.7	2
1.4	64QAM	1	0	22.79	22.71	22.63		
1.4	64QAM	1	3	22.79	22.74	22.67		
1.4	64QAM	1	5	22.77	22.74	22.70	23.7	2
1.4	64QAM	3	0	22.84	22.86	22.97		
1.4	64QAM	3	1	22.79	22.98	22.73		
1.4	64QAM	3	3	22.91	22.87	22.82		
1.4	64QAM	6	0	21.72	21.82	21.70	22.7	3
1.4	256QAM	1	0	20.10	20.17	20.21		
1.4	256QAM	1	3	20.20	20.17	20.16		
1.4	256QAM	1	5	20.05	20.07	20.09		
1.4	256QAM	3	0	20.12	19.95	19.99	20.7	5
1.4	256QAM	3	1	20.01	19.99	20.00		
1.4	256QAM	3	3	20.04	20.04	19.89		
1.4	256QAM	6	0	19.93	20.05	19.94	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.75	20.78	20.68		
15	QPSK	1	37	20.61	20.70	20.64	22	0
15	QPSK	1	74	20.65	20.60	20.52		
15	QPSK	36	0	20.72	20.75	20.65		
15	QPSK	36	20	20.63	20.69	20.53	22	0
15	QPSK	36	39	20.71	20.72	20.64		
15	QPSK	75	0	20.70	20.73	20.63		
15	16QAM	1	0	20.69	20.65	20.50		
15	16QAM	1	37	20.66	20.61	20.64	22	0
15	16QAM	1	74	20.68	20.71	20.60		
15	16QAM	36	0	20.66	20.62	20.63		
15	16QAM	36	20	20.67	20.65	20.51	22	0
15	16QAM	36	39	20.63	20.69	20.62		
15	16QAM	75	0	20.64	20.72	20.53		
15	64QAM	1	0	20.65	20.71	20.54		
15	64QAM	1	37	20.62	20.62	20.55	22	0
15	64QAM	1	74	20.62	20.72	20.62		
15	64QAM	36	0	20.71	20.62	20.58		
15	64QAM	36	20	20.66	20.66	20.50	22	0
15	64QAM	36	39	20.66	20.69	20.53		
15	64QAM	75	0	20.63	20.73	20.61		
15	256QAM	1	0	19.42	19.39	19.46		
15	256QAM	1	37	19.36	19.35	19.29	20.5	1.5
15	256QAM	1	74	19.30	19.23	19.17		
15	256QAM	36	0	19.22	19.19	19.17		
15	256QAM	36	20	19.04	19.08	19.14	20.5	1.5
15	256QAM	36	39	19.06	19.12	19.05		
15	256QAM	75	0	19.10	19.18	19.19		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.62	20.61	20.62		
10	QPSK	1	25	20.58	20.68	20.51	22	0
10	QPSK	1	49	20.58	20.73	20.51		
10	QPSK	25	0	20.66	20.70	20.64		
10	QPSK	25	12	20.60	20.70	20.54	22	0
10	QPSK	25	25	20.58	20.61	20.50		
10	QPSK	50	0	20.58	20.73	20.51		
10	16QAM	1	0	20.63	20.66	20.61		
10	16QAM	1	25	20.59	20.72	20.50	22	0
10	16QAM	1	49	20.70	20.60	20.54		
10	16QAM	25	0	20.63	20.70	20.57		
10	16QAM	25	12	20.68	20.71	20.50	22	0
10	16QAM	25	25	20.60	20.63	20.58		
10	16QAM	50	0	20.60	20.60	20.59		
10	64QAM	1	0	20.68	20.62	20.55		
10	64QAM	1	25	20.59	20.61	20.61	22	0
10	64QAM	1	49	20.69	20.64	20.58		
10	64QAM	25	0	20.57	20.64	20.50		
10	64QAM	25	12	20.59	20.70	20.51	22	0
10	64QAM	25	25	20.66	20.60	20.59		
10	64QAM	50	0	20.60	20.64	20.58		
10	256QAM	1	0	19.37	19.44	19.48		
10	256QAM	1	25	19.38	19.33	19.27	20.5	1.5
10	256QAM	1	49	19.23	19.17	19.16		
10	256QAM	25	0	19.30	19.17	19.12		
10	256QAM	25	12	19.02	19.00	19.17	20.5	1.5
10	256QAM	25	25	19.13	19.13	19.02		
10	256QAM	50	0	19.03	19.23	19.15		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.66	20.69	20.55		
5	QPSK	1	12	20.62	20.62	20.57	22	0
5	QPSK	1	24	20.66	20.63	20.61		
5	QPSK	12	0	20.71	20.72	20.54		
5	QPSK	12	7	20.62	20.71	20.50	22	0
5	QPSK	12	13	20.60	20.68	20.62		
5	QPSK	25	0	20.68	20.65	20.57		
5	16QAM	1	0	20.64	20.64	20.63		
5	16QAM	1	12	20.58	20.67	20.52	22	0
5	16QAM	1	24	20.70	20.63	20.52		
5	16QAM	12	0	20.63	20.69	20.61		
5	16QAM	12	7	20.71	20.72	20.53	22	0
5	16QAM	12	13	20.70	20.63	20.63		
5	16QAM	25	0	20.58	20.68	20.58		
5	64QAM	1	0	20.68	20.70	20.60		
5	64QAM	1	12	20.60	20.65	20.58	22	0
5	64QAM	1	24	20.60	20.70	20.54		
5	64QAM	12	0	20.57	20.67	20.60		
5	64QAM	12	7	20.68	20.74	20.62	22	0
5	64QAM	12	13	20.67	20.73	20.63		
5	64QAM	25	0	20.63	20.62	20.51		
5	256QAM	1	0	19.40	19.35	19.38		
5	256QAM	1	12	19.29	19.31	19.33	20.5	1.5
5	256QAM	1	24	19.30	19.25	19.21		
5	256QAM	12	0	19.21	19.26	19.12		
5	256QAM	12	7	18.96	19.09	19.15	20.5	1.5
5	256QAM	12	13	18.98	19.12	19.10		
5	256QAM	25	0	19.17	19.22	19.23		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.66	20.69	20.57		
3	QPSK	1	8	20.59	20.67	20.62	22	0
3	QPSK	1	14	20.68	20.63	20.61		
3	QPSK	8	0	20.66	20.70	20.51		
3	QPSK	8	4	20.59	20.70	20.54	22	0
3	QPSK	8	7	20.67	20.60	20.59		
3	QPSK	15	0	20.64	20.67	20.58		
3	16QAM	1	0	20.70	20.63	20.62		
3	16QAM	1	8	20.68	20.64	20.60	22	0
3	16QAM	1	14	20.66	20.60	20.60		
3	16QAM	8	0	20.70	20.63	20.54		
3	16QAM	8	4	20.58	20.67	20.52	22	0
3	16QAM	8	7	20.63	20.62	20.55		
3	16QAM	15	0	20.65	20.65	20.50		
3	64QAM	1	0	20.70	20.72	20.53		
3	64QAM	1	8	20.66	20.70	20.64	22	0
3	64QAM	1	14	20.67	20.65	20.62		
3	64QAM	8	0	20.59	20.63	20.53		
3	64QAM	8	4	20.57	20.62	20.56	22	0
3	64QAM	8	7	20.71	20.74	20.53		
3	64QAM	15	0	20.66	20.66	20.57		
3	256QAM	1	0	19.39	19.35	19.51		
3	256QAM	1	8	19.36	19.36	19.36	20.5	1.5
3	256QAM	1	14	19.23	19.21	19.23		
3	256QAM	8	0	19.20	19.20	19.24		
3	256QAM	8	4	18.98	19.02	19.06	20.5	1.5
3	256QAM	8	7	18.99	19.09	19.02		
3	256QAM	15	0	19.03	19.20	19.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.66	20.72	20.54		
1.4	QPSK	1	3	20.69	20.61	20.62		
1.4	QPSK	1	5	20.68	20.66	20.59	22	0
1.4	QPSK	3	0	20.69	20.73	20.62		
1.4	QPSK	3	1	20.65	20.70	20.55		
1.4	QPSK	3	3	20.63	20.67	20.52		
1.4	QPSK	6	0	20.65	20.73	20.52	22	0
1.4	16QAM	1	0	20.64	20.67	20.54		
1.4	16QAM	1	3	20.61	20.64	20.55		
1.4	16QAM	1	5	20.71	20.66	20.63	22	0
1.4	16QAM	3	0	20.58	20.65	20.52		
1.4	16QAM	3	1	20.67	20.62	20.62		
1.4	16QAM	3	3	20.62	20.69	20.55		
1.4	16QAM	6	0	20.62	20.65	20.61	22	0
1.4	64QAM	1	0	20.69	20.65	20.52		
1.4	64QAM	1	3	20.69	20.67	20.54		
1.4	64QAM	1	5	20.65	20.69	20.60	22	0
1.4	64QAM	3	0	20.70	20.67	20.55		
1.4	64QAM	3	1	20.68	20.65	20.51		
1.4	64QAM	3	3	20.71	20.68	20.61		
1.4	64QAM	6	0	20.65	20.73	20.61	22	0
1.4	256QAM	1	0	19.41	19.47	19.43		
1.4	256QAM	1	3	19.33	19.36	19.22		
1.4	256QAM	1	5	19.33	19.19	19.20	20.5	1.5
1.4	256QAM	3	0	19.25	19.18	19.12		
1.4	256QAM	3	1	19.11	19.10	19.09		
1.4	256QAM	3	3	19.01	19.09	19.11		
1.4	256QAM	6	0	19.07	19.26	19.23	20.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.97	17.98	17.89		
20	QPSK	1	49	17.91	17.93	17.77	19	0
20	QPSK	1	99	17.88	17.94	17.83		
20	QPSK	50	0	17.93	17.96	17.86		
20	QPSK	50	24	17.84	17.90	17.83	19	0
20	QPSK	50	50	17.91	17.89	17.78		
20	QPSK	100	0	17.90	17.92	17.85		
20	16QAM	1	0	17.85	17.89	17.82		
20	16QAM	1	49	17.84	17.92	17.82	19	0
20	16QAM	1	99	17.87	17.93	17.84		
20	16QAM	50	0	17.87	17.88	17.85		
20	16QAM	50	24	17.86	17.88	17.79	19	0
20	16QAM	50	50	17.92	17.88	17.80		
20	16QAM	100	0	17.86	17.89	17.85		
20	64QAM	1	0	17.88	17.89	17.83		
20	64QAM	1	49	17.84	17.87	17.82	19	0
20	64QAM	1	99	17.91	17.92	17.83		
20	64QAM	50	0	17.86	17.90	17.81		
20	64QAM	50	24	17.92	17.91	17.81	19	0
20	64QAM	50	50	17.89	17.85	17.78		
20	64QAM	100	0	17.92	17.88	17.77		
20	256QAM	1	0	17.84	17.92	17.83		
20	256QAM	1	49	17.84	17.87	17.81	19	0
20	256QAM	1	99	17.92	17.94	17.79		
20	256QAM	50	0	17.92	17.87	17.77		
20	256QAM	50	24	17.89	17.94	17.82	19	0
20	256QAM	50	50	17.90	17.91	17.84		
20	256QAM	100	0	17.88	17.89	17.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.89	17.92	17.80		
15	QPSK	1	37	17.81	17.87	17.69	19	0
15	QPSK	1	74	17.84	17.86	17.75		
15	QPSK	36	0	17.86	17.84	17.77		
15	QPSK	36	20	17.81	17.81	17.77	19	0
15	QPSK	36	39	17.81	17.85	17.70		
15	QPSK	75	0	17.82	17.86	17.76		
15	16QAM	1	0	17.79	17.79	17.76		
15	16QAM	1	37	17.83	17.90	17.75	19	0
15	16QAM	1	74	17.82	17.84	17.81		
15	16QAM	36	0	17.83	17.87	17.83		
15	16QAM	36	20	17.77	17.84	17.77	19	0
15	16QAM	36	39	17.84	17.81	17.77		
15	16QAM	75	0	17.85	17.84	17.77		
15	64QAM	1	0	17.87	17.82	17.82		
15	64QAM	1	37	17.74	17.77	17.77	19	0
15	64QAM	1	74	17.86	17.86	17.71		
15	64QAM	36	0	17.84	17.80	17.73		
15	64QAM	36	20	17.86	17.88	17.77	19	0
15	64QAM	36	39	17.87	17.76	17.69		
15	64QAM	75	0	17.87	17.77	17.70		
15	256QAM	1	0	17.76	17.88	17.81		
15	256QAM	1	37	17.82	17.80	17.78	19	0
15	256QAM	1	74	17.82	17.85	17.71		
15	256QAM	36	0	17.91	17.84	17.71		
15	256QAM	36	20	17.83	17.84	17.81	19	0
15	256QAM	36	39	17.82	17.84	17.76		
15	256QAM	75	0	17.87	17.88	17.74		
Channel				132012	132322	132632	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.89	17.94	17.82		
10	QPSK	1	25	17.90	17.84	17.75	19	0
10	QPSK	1	49	17.85	17.87	17.77		
10	QPSK	25	0	17.92	17.87	17.79		
10	QPSK	25	12	17.78	17.81	17.81	19	0
10	QPSK	25	25	17.86	17.84	17.73		
10	QPSK	50	0	17.86	17.83	17.81		
10	16QAM	1	0	17.81	17.86	17.79		
10	16QAM	1	25	17.74	17.90	17.74	19	0
10	16QAM	1	49	17.79	17.89	17.83		
10	16QAM	25	0	17.80	17.85	17.84		
10	16QAM	25	12	17.77	17.77	17.75	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.64	19.67	19.53		
20	QPSK	1	49	19.52	19.62	19.50	20.5	0
20	QPSK	1	99	19.58	19.58	19.44		
20	QPSK	50	0	19.61	19.63	19.51		
20	QPSK	50	24	19.60	19.55	19.42	20.5	0
20	QPSK	50	50	19.58	19.59	19.49		
20	QPSK	100	0	19.58	19.60	19.50		
20	16QAM	1	0	19.57	19.53	19.46		
20	16QAM	1	49	19.52	19.60	19.46	20.5	0
20	16QAM	1	99	19.55	19.62	19.41		
20	16QAM	50	0	19.55	19.59	19.43		
20	16QAM	50	24	19.53	19.54	19.41	20.5	0
20	16QAM	50	50	19.54	19.56	19.43		
20	16QAM	100	0	19.52	19.54	19.47		
20	64QAM	1	0	19.52	19.53	19.42		
20	64QAM	1	49	19.51	19.56	19.48	20.5	0
20	64QAM	1	99	19.52	19.62	19.42		
20	64QAM	50	0	19.60	19.53	19.46		
20	64QAM	50	24	19.52	19.53	19.46	20.5	0
20	64QAM	50	50	19.55	19.58	19.48		
20	64QAM	100	0	19.51	19.55	19.47		
20	256QAM	1	0	19.18	19.22	19.26		
20	256QAM	1	49	19.23	19.16	19.19	20	0.5
20	256QAM	1	99	19.09	19.15	19.13		
20	256QAM	50	0	19.04	19.05	19.03		
20	256QAM	50	24	19.17	19.09	19.09	20	0.5
20	256QAM	50	50	19.11	19.13	19.15		
20	256QAM	100	0	19.02	19.09	19.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.59	19.54	19.41		
15	QPSK	1	37	19.58	19.61	19.46	20.5	0
15	QPSK	1	74	19.52	19.58	19.44		
15	QPSK	36	0	19.51	19.56	19.45		
15	QPSK	36	20	19.53	19.58	19.41	20.5	0
15	QPSK	36	39	19.59	19.54	19.43		
15	QPSK	75	0	19.54	19.54	19.41		
15	16QAM	1	0	19.56	19.54	19.42		
15	16QAM	1	37	19.59	19.61	19.49	20.5	0
15	16QAM	1	74	19.55	19.53	19.41		
15	16QAM	36	0	19.52	19.56	19.48		
15	16QAM	36	20	19.59	19.54	19.48	20.5	0
15	16QAM	36	39	19.57	19.60	19.46		
15	16QAM	75	0	19.56	19.56	19.41		
15	64QAM	1	0	19.57	19.56	19.49		
15	64QAM	1	37	19.58	19.55	19.48	20.5	0
15	64QAM	1	74	19.53	19.56	19.48		
15	64QAM	36	0	19.58	19.58	19.46		
15	64QAM	36	20	19.52	19.57	19.46	20.5	0
15	64QAM	36	39	19.53	19.58	19.48		
15	64QAM	75	0	19.56	19.54	19.45		
15	256QAM	1	0	19.12	19.27	19.28		
15	256QAM	1	37	19.26	19.23	19.24	20	0.5
15	256QAM	1	74	19.08	19.17	19.16		
15	256QAM	36	0	19.05	19.09	18.95		
15	256QAM	36	20	19.25	19.17	19.01	20	0.5
15	256QAM	36	39	19.06	19.11	19.15		
15	256QAM	75	0	19.03	19.13	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.58	19.53	19.49		
10	QPSK	1	25	19.57	19.60	19.43	20.5	0
10	QPSK	1	49	19.55	19.61	19.47		
10	QPSK	25	0	19.60	19.62	19.45		
10	QPSK	25	12	19.55	19.62	19.44	20.5	0
10	QPSK	25	25	19.51	19.59	19.47		
10	QPSK	50	0	19.53	19.57	19.44		
10	16QAM	1	0	19.53	19.60	19.43		
10	16QAM	1	25	19.53	19.60	19.44	20.5	0
10	16QAM	1	49	19.60	19.53	19.45		
10	16QAM	25	0	19.54	19.55	19.48		
10	16QAM	25	12	19.55	19.55	19.45	20.5	0
10	16QAM	25	25	19.56	19.59	19.49		
10	16QAM	50	0	19.57	19.59	19.46		
10	64QAM	1	0	19.56	19.55	19.42		
10	64QAM	1	25	19.58	19.61	19.44	20.5	0
10	64QAM	1	49	19.56	19.61	19.48		
10	64QAM	25	0	19.57	19.56	19.41		
10	64QAM	25	12	19.58	19.57	19.42	20.5	0
10	64QAM	25	25	19.60	19.54	19.44		
10	64QAM	50	0	19.58	19.53	19.41		
10	256QAM	1	0	19.20	19.15	19.34		
10	256QAM	1	25	19.17	19.22	19.13	20	0.5
10	256QAM	1	49	19.02	19.15	19.18		
10	256QAM	25	0	19.11	19.13	19.10		
10	256QAM	25	12	19.18	19.18	19.05	20	0.5
10	256QAM	25	25	19.16	19.20	19.09		
10	256QAM	50	0	18.95	19.17	19.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.57	19.59	19.41		
5	QPSK	1	12	19.51	19.54	19.44	20.5	0
5	QPSK	1	24	19.59	19.59	19.42		
5	QPSK	12	0	19.56	19.57	19.46		
5	QPSK	12	7	19.54	19.56	19.49	20.5	0
5	QPSK	12	13	19.54	19.60	19.44		
5	QPSK	25	0	19.53	19.62	19.48		
5	16QAM	1	0	19.58	19.54	19.49		
5	16QAM	1	12	19.57	19.54	19.49	20.5	0
5	16QAM	1	24	19.53	19.60	19.44		
5	16QAM	12	0	19.53	19.60	19.46		
5	16QAM	12	7	19.59	19.53	19.44	20.5	0
5	16QAM	12	13	19.51	19.55	19.50		
5	16QAM	25	0	19.55	19.58	19.47		
5	64QAM	1	0	19.59	19.54	19.41		
5	64QAM	1	12	19.59	19.53	19.47	20.5	0
5	64QAM	1	24	19.54	19.55	19.46		
5	64QAM	12	0	19.57	19.54	19.50		
5	64QAM	12	7	19.52	19.61	19.48	20.5	0
5	64QAM	12	13	19.56	19.56	19.42		
5	64QAM	25	0	19.57	19.58	19.50		
5	256QAM	1	0	19.12	19.28	19.19		
5	256QAM	1	12	19.19	19.20	19.22	20	0.5
5	256QAM	1	24	19.15	19.11	19.13		
5	256QAM	12	0	19.12	19.09	19.06		
5	256QAM	12	7	19.22	19.15	19.09	20	0.5
5	256QAM	12	13	19.07	19.14	19.23		
5	256QAM	25	0	19.10	19.06	19.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.56	19.53	19.49		
3	QPSK	1	8	19.59	19.61	19.42	20.5	0
3	QPSK	1	14	19.58	19.54	19.47		
3	QPSK	8	0	19.52	19.56	19.45		
3	QPSK	8	4	19.56	19.58	19.49	20.5	0
3	QPSK	8	7	19.54	19.58	19.44		
3	QPSK	15	0	19.56	19.54	19.43		
3	16QAM	1	0	19.54	19.54	19.47		
3	16QAM	1	8	19.51	19.59	19.42	20.5	0
3	16QAM	1	14	19.58	19.58	19.48		
3	16QAM	8	0	19.59	19.58	19.50		
3	16QAM	8	4	19.57	19.62	19.43	20.5	0
3	16QAM	8	7	19.51	19.54	19.46		
3	16QAM	15	0	19.54	19.62	19.42		
3	64QAM	1	0	19.51	19.55	19.41		
3	64QAM	1	8	19.53	19.59	19.41	20.5	0
3	64QAM	1	14	19.58	19.62	19.44		
3	64QAM	8	0	19.56	19.62	19.45		
3	64QAM	8	4	19.60	19.55	19.47	20.5	0
3	64QAM	8	7	19.57	19.57	19.42		
3	64QAM	15	0	19.54	19.55	19.49		
3	256QAM	1	0	19.25	19.18	19.33		
3	256QAM	1	8	19.17	19.19	19.22	20	0.5
3	256QAM	1	14	19.12	19.11	19.05		
3	256QAM	8	0	19.06	19.13	18.98		
3	256QAM	8	4	19.21	19.02	19.08	20	0.5
3	256QAM	8	7	19.16	19.14	19.07		
3	256QAM	15	0	18.99	19.09	19.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.53	19.54	19.46		
1.4	QPSK	1	3	19.51	19.62	19.41		
1.4	QPSK	1	5	19.54	19.58	19.44	20.5	0
1.4	QPSK	3	0	19.52	19.61	19.46		
1.4	QPSK	3	1	19.51	19.60	19.50		
1.4	QPSK	3	3	19.51	19.56	19.49		
1.4	QPSK	6	0	19.58	19.56	19.45	20.5	0
1.4	16QAM	1	0	19.58	19.61	19.42		
1.4	16QAM	1	3	19.56	19.61	19.45		
1.4	16QAM	1	5	19.51	19.61	19.49	20.5	0
1.4	16QAM	3	0	19.56	19.58	19.48		
1.4	16QAM	3	1	19.57	19.61	19.42		
1.4	16QAM	3	3	19.59	19.58	19.43		
1.4	16QAM	6	0	19.53	19.58	19.46	20.5	0
1.4	64QAM	1	0	19.55	19.59	19.48		
1.4	64QAM	1	3	19.56	19.59	19.49		
1.4	64QAM	1	5	19.57	19.62	19.44	20.5	0
1.4	64QAM	3	0	19.53	19.58	19.41		
1.4	64QAM	3	1	19.57	19.57	19.43		
1.4	64QAM	3	3	19.59	19.58	19.49		
1.4	64QAM	6	0	19.54	19.60	19.45	20.5	0
1.4	256QAM	1	0	19.25	19.17	19.24		
1.4	256QAM	1	3	19.22	19.14	19.25		
1.4	256QAM	1	5	19.17	19.10	19.16	20	0.5
1.4	256QAM	3	0	19.07	19.04	19.06		
1.4	256QAM	3	1	19.11	19.07	19.04		
1.4	256QAM	3	3	19.05	19.14	19.11		
1.4	256QAM	6	0	18.94	19.12	18.98	20	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.08	17.16	17.06		
20	QPSK	1	49	17.02	17.04	16.96	18	0
20	QPSK	1	99	17.02	16.99	16.97		
20	QPSK	50	0	17.03	17.05	17.02		
20	QPSK	50	24	17.00	16.99	16.99	18	0
20	QPSK	50	50	16.96	17.04	16.99		
20	QPSK	100	0	17.00	17.02	16.99		
20	16QAM	1	0	16.96	16.95	16.96		
20	16QAM	1	49	16.93	16.95	16.94	18	0
20	16QAM	1	99	17.01	17.02	16.94		
20	16QAM	50	0	16.97	16.98	16.95		
20	16QAM	50	24	16.94	17.00	17.00	18	0
20	16QAM	50	50	16.95	17.00	17.00		
20	16QAM	100	0	17.02	17.02	17.01		
20	64QAM	1	0	16.97	16.95	16.94		
20	64QAM	1	49	17.01	17.03	17.00	18	0
20	64QAM	1	99	16.94	17.00	16.93		
20	64QAM	50	0	16.97	17.01	16.93		
20	64QAM	50	24	16.99	16.99	17.01	18	0
20	64QAM	50	50	16.95	17.04	16.96		
20	64QAM	100	0	17.02	16.99	16.97		
20	256QAM	1	0	17.09	17.10	17.05		
20	256QAM	1	49	17.06	17.11	17.09	18	0
20	256QAM	1	99	17.05	17.08	17.15		
20	256QAM	50	0	17.09	17.03	17.10		
20	256QAM	50	24	16.94	17.02	16.94	18	0
20	256QAM	50	50	16.96	17.03	17.10		
20	256QAM	100	0	17.04	17.00	17.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.06	17.02	17.01		
15	QPSK	1	37	16.93	16.97	16.86	18	0
15	QPSK	1	74	16.97	16.95	16.94		
15	QPSK	36	0	16.96	17.02	16.93		
15	QPSK	36	20	16.96	16.96	16.94	18	0
15	QPSK	36	39	16.94	16.98	16.97		
15	QPSK	75	0	16.91	16.98	16.92		
15	16QAM	1	0	16.91	16.93	16.87		
15	16QAM	1	37	16.92	16.92	16.85	18	0
15	16QAM	1	74	16.98	16.95	16.85		
15	16QAM	36	0	16.96	16.95	16.93		
15	16QAM	36	20	16.92	16.94	16.90	18	0
15	16QAM	36	39	16.87	16.91	16.89		
15	16QAM	75	0	17.00	17.01	16.92		
15	64QAM	1	0	16.93	16.90	16.87		
15	64QAM	1	37	16.93	16.97	16.98	18	0
15	64QAM	1	74	16.87	16.97	16.90		
15	64QAM	36	0	16.95	16.93	16.84		
15	64QAM	36	20	16.95	16.95	16.94	18	0
15	64QAM	36	39	16.91	17.03	16.87		
15	64QAM	75	0	16.98	16.94	16.93		
15	256QAM	1	0	17.08	17.08	17.00		
15	256QAM	1	37	17.04	17.02	17.04	18	0
15	256QAM	1	74	17.02	17.00	17.14		
15	256QAM	36	0	17.04	16.98	17.01		
15	256QAM	36	20	16.88	16.94	16.92	18	0
15	256QAM	36	39	16.87	16.96	17.08		
15	256QAM	75	0	17.01	16.99	16.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.02	17.09	17.04		
10	QPSK	1	25	17.01	16.97	16.88	18	0
10	QPSK	1	49	16.95	16.95	16.91		
10	QPSK	25	0	16.95	17.02	17.01		
10	QPSK	25	12	16.97	16.96	16.97	18	0
10	QPSK	25	25	16.86	16.97	16.97		
10	QPSK	50	0	16.93	16.98	16.90		
10	16QAM	1	0	16.93	16.94	16.90		
10	16QAM	1	25	16.85	16.85	16.92	18	0
10	16QAM	1	49	17.00	16.97	16.92		
10	16QAM	25	0	16.90	16.90	16.92		
10	16QAM	25	12	16.84	16.90	16.90	18	0
10	16QAM	25	25	16.85	16.91	16.94		
10	16QAM	50	0	16.93	16.94	16.93		
10	64QAM	1	0	16.87	16.94	16.92		
10	64QAM	1	25	16.94	16.94	16.98	18	0
10	64QAM	1	49	16.92	16.91	16.87		
10	64QAM	25	0	16.94	16.92	16.83		
10	64QAM	25	12	16.95	16.90	16.97	18	0
10	64QAM	25	25	16.94	16.97	16.87		
10	64QAM	50	0	17.01	16.96	16.95		
10	256QAM	1	0	16.99	17.01	16.95		
10	256QAM	1	25	16.98	17.10	17.04	18	0
10	256QAM	1	49	16.98	17.00	17.08		
10	256QAM	25	0	17.03	16.97	17.04		
10	256QAM	25	12	16.84	16.97	16.85	18	0
10	256QAM	25	25	16.95	16.97	17.04		
10	256QAM	50	0	16.96	16.94	16.91		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.07	17.03	17.01		
5	QPSK	1	12	16.97	16.98	16.92	18	0
5	QPSK	1	24	16.96	16.95	16.87		
5	QPSK	12	0	16.95	16.95	17.00		
5	QPSK	12	7	16.95	16.94	16.91	18	0
5	QPSK	12	13	16.89	16.95	16.98		
5	QPSK	25	0	16.95	16.98	16.98		
5	16QAM	1	0	16.87	16.97	16.92		
5	16QAM	1	12	16.86	16.86	16.85	18	0
5	16QAM	1	24	16.96	16.96	16.84		
5	16QAM	12	0	16.95	16.93	16.89		
5	16QAM	12	7	16.84	16.92	16.95	18	0
5	16QAM	12	13	16.90	16.93	16.93		
5	16QAM	25	0	16.99	17.00	16.96		
5	64QAM	1	0	16.91	16.89	16.85		
5	64QAM	1	12	16.95	17.01	16.99	18	0
5	64QAM	1	24	16.85	16.96	16.84		
5	64QAM	12	0	16.96	16.92	16.87		
5	64QAM	12	7	16.89	16.96	16.91	18	0
5	64QAM	12	13	16.92	16.96	16.88		
5	64QAM	25	0	16.94	16.98	16.95		
5	256QAM	1	0	17.00	17.05	17.00		
5	256QAM	1	12	17.05	17.09	17.04	18	0
5	256QAM	1	24	16.95	17.07	17.12		
5	256QAM	12	0	17.08	16.94	17.08		
5	256QAM	12	7	16.86	16.94	16.84	18	0
5	256QAM	12	13	16.86	16.99	17.07		
5	256QAM	25	0	17.00	16.96	16.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.04	17.01	16.99		
3	QPSK	1	8	17.00	17.02	16.90	18	0
3	QPSK	1	14	16.96	16.91	16.95		
3	QPSK	8	0	17.01	17.04	16.99		
3	QPSK	8	4	16.99	16.95	16.95	18	0
3	QPSK	8	7	16.88	17.03	16.93		
3	QPSK	15	0	16.98	16.94	16.91		
3	16QAM	1	0	16.90	16.86	16.87		
3	16QAM	1	8	16.83	16.86	16.93	18	0
3	16QAM	1	14	16.93	16.95	16.84		
3	16QAM	8	0	16.90	16.89	16.90		
3	16QAM	8	4	16.89	16.95	16.97	18	0
3	16QAM	8	7	16.94	16.99	16.93		
3	16QAM	15	0	16.99	16.97	16.91		
3	64QAM	1	0	16.94	16.86	16.84		
3	64QAM	1	8	16.94	16.99	16.94	18	0
3	64QAM	1	14	16.85	16.94	16.85		
3	64QAM	8	0	16.91	16.95	16.91		
3	64QAM	8	4	16.94	16.97	17.00	18	0
3	64QAM	8	7	16.86	16.94	16.94		
3	64QAM	15	0	16.97	16.93	16.87		
3	256QAM	1	0	17.07	17.01	17.01		
3	256QAM	1	8	17.00	17.04	17.08	18	0
3	256QAM	1	14	17.02	17.06	17.12		
3	256QAM	8	0	17.04	17.00	17.04		
3	256QAM	8	4	16.89	16.96	16.87	18	0
3	256QAM	8	7	16.92	16.98	17.06		
3	256QAM	15	0	16.98	16.91	16.91		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.02	17.07	17.05		
1.4	QPSK	1	3	16.97	17.01	16.86		
1.4	QPSK	1	5	16.98	16.98	16.87	18	0
1.4	QPSK	3	0	17.02	17.00	16.99		
1.4	QPSK	3	1	16.90	16.92	16.94		
1.4	QPSK	3	3	16.95	16.96	16.98		
1.4	QPSK	6	0	16.97	16.98	16.93	18	0
1.4	16QAM	1	0	16.90	16.89	16.94		
1.4	16QAM	1	3	16.84	16.88	16.87		
1.4	16QAM	1	5	16.96	16.92	16.88	18	0
1.4	16QAM	3	0	16.87	16.96	16.93		
1.4	16QAM	3	1	16.91	16.93	16.92		
1.4	16QAM	3	3	16.89	16.99	16.94		
1.4	16QAM	6	0	16.96	16.95	16.94	18	0
1.4	64QAM	1	0	16.88	16.90	16.91		
1.4	64QAM	1	3	17.00	17.02	16.95		
1.4	64QAM	1	5	16.90	16.96	16.84	18	0
1.4	64QAM	3	0	16.87	16.95	16.85		
1.4	64QAM	3	1	16.93	16.94	16.99		
1.4	64QAM	3	3	16.85	17.00	16.87		
1.4	64QAM	6	0	16.92	16.90	16.94	18	0
1.4	256QAM	1	0	17.07	17.07	16.95		
1.4	256QAM	1	3	16.99	17.02	17.06		
1.4	256QAM	1	5	16.96	17.07	17.07	18	0
1.4	256QAM	3	0	17.01	17.00	17.04		
1.4	256QAM	3	1	16.86	17.01	16.93		
1.4	256QAM	3	3	16.90	16.98	17.02		
1.4	256QAM	6	0	16.95	16.99	16.96	18	0

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	19.97	20.00	19.93		
20	QPSK	1	49	19.92	19.96	19.80	20.7	0
20	QPSK	1	99	19.82	19.85	19.83		
20	QPSK	50	0	19.95	19.98	19.92		
20	QPSK	50	24	19.86	19.86	19.86	20.7	0
20	QPSK	50	50	19.83	19.92	19.91		
20	QPSK	100	0	19.93	19.96	19.90		
20	16QAM	1	0	19.92	19.85	19.86		
20	16QAM	1	49	19.80	19.85	19.89	20.7	0
20	16QAM	1	99	19.89	19.85	19.90		
20	16QAM	50	0	19.80	19.89	19.82		
20	16QAM	50	24	19.87	19.86	19.85	20.7	0
20	16QAM	50	50	19.86	19.86	19.79		
20	16QAM	100	0	19.84	19.85	19.82		
20	64QAM	1	0	19.88	19.96	19.79		
20	64QAM	1	49	19.83	19.91	19.82	20.7	0
20	64QAM	1	99	19.83	19.94	19.86		
20	64QAM	50	0	19.90	19.88	19.91		
20	64QAM	50	24	19.88	19.86	19.86	20.7	0
20	64QAM	50	50	19.89	19.94	19.78		
20	64QAM	100	0	19.94	19.89	19.87		
20	256QAM	1	0	19.70	19.68	19.65		
20	256QAM	1	49	19.60	19.58	19.57	20.7	0
20	256QAM	1	99	19.49	19.52	19.44		
20	256QAM	50	0	19.87	19.82	19.76		
20	256QAM	50	24	19.86	19.78	19.86	20.7	0
20	256QAM	50	50	19.74	19.72	19.77		
20	256QAM	100	0	19.74	19.68	19.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.82	19.88	19.83		
15	QPSK	1	37	19.88	19.86	19.78	20.7	0
15	QPSK	1	74	19.89	19.81	19.68		
15	QPSK	36	0	19.91	19.86	19.82		
15	QPSK	36	20	19.79	19.80	19.77	20.7	0
15	QPSK	36	39	19.73	19.78	19.76		
15	QPSK	75	0	19.78	19.82	19.85		
15	16QAM	1	0	19.79	19.75	19.74		
15	16QAM	1	37	19.77	19.83	19.85	20.7	0
15	16QAM	1	74	19.85	19.75	19.79		
15	16QAM	36	0	19.75	19.81	19.73		
15	16QAM	36	20	19.83	19.75	19.76	20.7	0
15	16QAM	36	39	19.77	19.72	19.76		
15	16QAM	75	0	19.75	19.78	19.68		
15	64QAM	1	0	19.80	19.88	19.67		
15	64QAM	1	37	19.80	19.82	19.78	20.7	0
15	64QAM	1	74	19.76	19.92	19.82		
15	64QAM	36	0	19.77	19.77	19.77		
15	64QAM	36	20	19.76	19.71	19.76	20.7	0
15	64QAM	36	39	19.87	19.79	19.64		
15	64QAM	75	0	19.89	19.83	19.77		
15	256QAM	1	0	19.66	19.62	19.57		
15	256QAM	1	37	19.54	19.55	19.54	20.7	0
15	256QAM	1	74	19.54	19.48	19.49		
15	256QAM	36	0	19.95	19.86	19.82		
15	256QAM	36	20	19.90	19.75	19.81	20.7	0
15	256QAM	36	39	19.79	19.75	19.80		
15	256QAM	75	0	19.79	19.65	19.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.93	19.97	19.85		
10	QPSK	1	25	19.89	19.90	19.67	20.7	0
10	QPSK	1	49	19.77	19.83	19.73		
10	QPSK	25	0	19.88	19.91	19.91		
10	QPSK	25	12	19.85	19.85	19.77	20.7	0
10	QPSK	25	25	19.78	19.83	19.85		
10	QPSK	50	0	19.86	19.82	19.77		
10	16QAM	1	0	19.79	19.77	19.81		
10	16QAM	1	25	19.68	19.79	19.80	20.7	0
10	16QAM	1	49	19.76	19.78	19.78		
10	16QAM	25	0	19.76	19.84	19.76		
10	16QAM	25	12	19.77	19.74	19.75	20.7	0
10	16QAM	25	25	19.74	19.76	19.72		
10	16QAM	50	0	19.70	19.80	19.75		
10	64QAM	1	0	19.76	19.88	19.76		
10	64QAM	1	25	19.73	19.82	19.71	20.7	0
10	64QAM	1	49	19.71	19.86	19.82		
10	64QAM	25	0	19.87	19.87	19.84		
10	64QAM	25	12	19.87	19.81	19.82	20.7	0
10	64QAM	25	25	19.77	19.86	19.67		
10	64QAM	50	0	19.92	19.77	19.78		
10	256QAM	1	0	19.71	19.60	19.65		
10	256QAM	1	25	19.56	19.54	19.62	20.7	0
10	256QAM	1	49	19.49	19.51	19.40		
10	256QAM	25	0	19.80	19.85	19.69		
10	256QAM	25	12	19.78	19.81	19.82	20.7	0
10	256QAM	25	25	19.76	19.66	19.72		
10	256QAM	50	0	19.79	19.76	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.96	19.86	19.86		
5	QPSK	1	12	19.84	19.86	19.69	20.7	0
5	QPSK	1	24	19.67	19.84	19.80		
5	QPSK	12	0	19.91	19.96	19.82		
5	QPSK	12	7	19.83	19.73	19.76	20.7	0
5	QPSK	12	13	19.78	19.79	19.85		
5	QPSK	25	0	19.81	19.89	19.77		
5	16QAM	1	0	19.80	19.84	19.71		
5	16QAM	1	12	19.78	19.73	19.87	20.7	0
5	16QAM	1	24	19.85	19.75	19.82		
5	16QAM	12	0	19.66	19.78	19.75		
5	16QAM	12	7	19.80	19.77	19.77	20.7	0
5	16QAM	12	13	19.83	19.73	19.64		
5	16QAM	25	0	19.75	19.75	19.77		
5	64QAM	1	0	19.73	19.95	19.65		
5	64QAM	1	12	19.80	19.79	19.80	20.7	0
5	64QAM	1	24	19.74	19.88	19.83		
5	64QAM	12	0	19.75	19.73	19.88		
5	64QAM	12	7	19.73	19.71	19.74	20.7	0
5	64QAM	12	13	19.85	19.85	19.64		
5	64QAM	25	0	19.85	19.81	19.76		
5	256QAM	1	0	19.67	19.70	19.61		
5	256QAM	1	12	19.66	19.62	19.51	20.7	0
5	256QAM	1	24	19.54	19.59	19.41		
5	256QAM	12	0	19.87	19.79	19.75		
5	256QAM	12	7	19.90	19.75	19.90	20.7	0
5	256QAM	12	13	19.79	19.65	19.83		
5	256QAM	25	0	19.82	19.75	19.62		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.55	23.43		
20	QPSK	1	49	23.50	23.53	23.33	24.5	0
20	QPSK	1	99	23.50	23.52	23.39		
20	QPSK	50	0	22.54	22.56	22.45		
20	QPSK	50	24	22.53	22.45	22.35	23.5	1
20	QPSK	50	50	22.52	22.46	22.38		
20	QPSK	100	0	22.53	22.55	22.38		
20	16QAM	1	0	22.58	22.46	22.40		
20	16QAM	1	49	22.59	22.45	22.32	23.5	1
20	16QAM	1	99	22.57	22.46	22.38		
20	16QAM	50	0	21.54	21.45	21.36		
20	16QAM	50	24	21.53	21.44	21.34	22.5	2
20	16QAM	50	50	21.54	21.46	21.37		
20	16QAM	100	0	21.55	21.45	21.38		
20	64QAM	1	0	21.33	21.21	21.12		
20	64QAM	1	49	21.34	21.25	21.09	22.5	2
20	64QAM	1	99	21.25	21.17	21.13		
20	64QAM	50	0	20.52	20.44	20.35		
20	64QAM	50	24	20.51	20.43	20.33	21.5	3
20	64QAM	50	50	20.55	20.44	20.36		
20	64QAM	100	0	20.54	20.43	20.37		
20	256QAM	1	0	18.31	18.28	18.33		
20	256QAM	1	49	18.14	18.14	18.09	19.5	5
20	256QAM	1	99	18.04	18.08	18.01		
20	256QAM	50	0	18.36	18.41	18.42		
20	256QAM	50	24	18.30	18.36	18.36	19.5	5
20	256QAM	50	50	18.25	18.33	18.40		
20	256QAM	100	0	18.29	18.31	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.44	23.41		
15	QPSK	1	37	23.41	23.47	23.23	24.5	0
15	QPSK	1	74	23.44	23.47	23.31		
15	QPSK	36	0	22.43	22.51	22.35		
15	QPSK	36	20	22.47	22.35	22.33	23.5	1
15	QPSK	36	39	22.50	22.38	22.33		
15	QPSK	75	0	22.44	22.47	22.32		
15	16QAM	1	0	22.52	22.36	22.29		
15	16QAM	1	37	22.51	22.35	22.25	23.5	1
15	16QAM	1	74	22.50	22.41	22.33		
15	16QAM	36	0	21.43	21.34	21.29		
15	16QAM	36	20	21.45	21.35	21.25	22.5	2
15	16QAM	36	39	21.50	21.40	21.31		
15	16QAM	75	0	21.50	21.35	21.27		
15	64QAM	1	0	21.29	21.11	21.04		
15	64QAM	1	37	21.31	21.15	20.98	22.5	2
15	64QAM	1	74	21.17	21.15	21.05		
15	64QAM	36	0	20.47	20.33	20.30		
15	64QAM	36	20	20.48	20.34	20.31	21.5	3
15	64QAM	36	39	20.45	20.42	20.25		
15	64QAM	75	0	20.48	20.32	20.31		
15	256QAM	1	0	18.30	18.29	18.34		
15	256QAM	1	37	18.17	18.21	18.15	19.5	5
15	256QAM	1	74	18.09	18.07	18.00		
15	256QAM	36	0	18.43	18.33	18.49		
15	256QAM	36	20	18.30	18.33	18.33	19.5	5
15	256QAM	36	39	18.30	18.32	18.33		
15	256QAM	75	0	18.26	18.26	18.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.51	23.51	23.41		
10	QPSK	1	25	23.41	23.48	23.25	24.5	0
10	QPSK	1	49	23.41	23.45	23.35		
10	QPSK	25	0	22.52	22.45	22.43		
10	QPSK	25	12	22.43	22.35	22.33	23.5	1
10	QPSK	25	25	22.43	22.42	22.30		
10	QPSK	50	0	22.49	22.53	22.33		
10	16QAM	1	0	22.47	22.35	22.37		
10	16QAM	1	25	22.55	22.34	22.30	23.5	1
10	16QAM	1	49	22.51	22.40	22.27		
10	16QAM	25	0	21.49	21.42	21.25		
10	16QAM	25	12	21.44	21.40	21.29	22.5	2
10	16QAM	25	25	21.51	21.38	21.32		
10	16QAM	50	0	21.46	21.37	21.27		
10	64QAM	1	0	21.30	21.13	21.05		
10	64QAM	1	25	21.26	21.19	21.04	22.5	2
10	64QAM	1	49	21.15	21.11	21.04		
10	64QAM	25	0	20.47	20.35	20.33		
10	64QAM	25	12	20.47	20.32	20.29	21.5	3
10	64QAM	25	25	20.48	20.41	20.31		
10	64QAM	50	0	20.51	20.34	20.27		
10	256QAM	1	0	18.34	18.30	18.30		
10	256QAM	1	25	18.07	18.08	18.14	19.5	5
10	256QAM	1	49	18.07	18.05	18.09		
10	256QAM	25	0	18.39	18.33	18.42		
10	256QAM	25	12	18.34	18.37	18.32	19.5	5
10	256QAM	25	25	18.28	18.25	18.37		
10	256QAM	50	0	18.35	18.31	18.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.51	23.36		
5	QPSK	1	12	23.42	23.44	23.28	24.5	0
5	QPSK	1	24	23.46	23.45	23.31		
5	QPSK	12	0	22.49	22.46	22.34		
5	QPSK	12	7	22.50	22.43	22.24	23.5	1
5	QPSK	12	13	22.45	22.39	22.35		
5	QPSK	25	0	22.47	22.53	22.36		
5	16QAM	1	0	22.52	22.38	22.37		
5	16QAM	1	12	22.52	22.38	22.27	23.5	1
5	16QAM	1	24	22.47	22.41	22.32		
5	16QAM	12	0	21.51	21.35	21.28		
5	16QAM	12	7	21.43	21.36	21.23	22.5	2
5	16QAM	12	13	21.43	21.43	21.35		
5	16QAM	25	0	21.46	21.36	21.36		
5	64QAM	1	0	21.29	21.11	21.10		
5	64QAM	1	12	21.31	21.16	21.02	22.5	2
5	64QAM	1	24	21.21	21.08	21.05		
5	64QAM	12	0	20.46	20.34	20.33		
5	64QAM	12	7	20.45	20.35	20.22	21.5	3
5	64QAM	12	13	20.47	20.38	20.30		
5	64QAM	25	0	20.52	20.37	20.30		
5	256QAM	1	0	18.37	18.34	18.29		
5	256QAM	1	12	18.11	18.07	18.12	19.5	5
5	256QAM	1	24	17.98	18.02	17.98		
5	256QAM	12	0	18.32	18.34	18.34		
5	256QAM	12	7	18.32	18.36	18.34	19.5	5
5	256QAM	12	13	18.32	18.25	18.39		
5	256QAM	25	0	18.24	18.30	18.19		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.67	21.70	21.65		
20	QPSK	1	49	21.53	21.57	21.59	22.2	0
20	QPSK	1	99	21.62	21.63	21.53		
20	QPSK	50	0	21.65	21.67	21.62		
20	QPSK	50	24	21.52	21.66	21.60	22.2	0
20	QPSK	50	50	21.61	21.62	21.55		
20	QPSK	100	0	21.62	21.65	21.60		
20	16QAM	1	0	21.55	21.54	21.60		
20	16QAM	1	49	21.62	21.64	21.48	22.2	0
20	16QAM	1	99	21.62	21.55	21.55		
20	16QAM	50	0	21.54	21.63	21.49		
20	16QAM	50	24	21.56	21.52	21.50	22.2	0
20	16QAM	50	50	21.55	21.61	21.56		
20	16QAM	100	0	21.50	21.66	21.53		
20	64QAM	1	0	21.57	21.63	21.58		
20	64QAM	1	49	21.53	21.55	21.60	22.2	0
20	64QAM	1	99	21.61	21.56	21.60		
20	64QAM	50	0	21.58	21.52	21.58		
20	64QAM	50	24	21.53	21.56	21.50	22.2	0
20	64QAM	50	50	21.58	21.66	21.54		
20	64QAM	100	0	21.51	21.56	21.54		
20	256QAM	1	0	19.31	19.28	19.20		
20	256QAM	1	49	19.24	19.25	19.29	20.7	1.5
20	256QAM	1	99	19.19	19.25	19.27		
20	256QAM	50	0	19.59	19.51	19.43		
20	256QAM	50	24	19.55	19.49	19.46	20.7	1.5
20	256QAM	50	50	19.41	19.47	19.47		
20	256QAM	100	0	19.48	19.45	19.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.60	21.53	21.57		
15	QPSK	1	37	21.52	21.57	21.53	22.2	0
15	QPSK	1	74	21.51	21.57	21.59		
15	QPSK	36	0	21.58	21.63	21.47		
15	QPSK	36	20	21.59	21.53	21.59	22.2	0
15	QPSK	36	39	21.61	21.54	21.51		
15	QPSK	75	0	21.50	21.56	21.60		
15	16QAM	1	0	21.55	21.63	21.50		
15	16QAM	1	37	21.53	21.65	21.53	22.2	0
15	16QAM	1	74	21.64	21.52	21.59		
15	16QAM	36	0	21.59	21.57	21.49		
15	16QAM	36	20	21.56	21.64	21.54	22.2	0
15	16QAM	36	39	21.57	21.53	21.57		
15	16QAM	75	0	21.64	21.60	21.61		
15	64QAM	1	0	21.64	21.61	21.54		
15	64QAM	1	37	21.62	21.54	21.57	22.2	0
15	64QAM	1	74	21.55	21.55	21.55		
15	64QAM	36	0	21.56	21.56	21.50		
15	64QAM	36	20	21.62	21.55	21.55	22.2	0
15	64QAM	36	39	21.54	21.59	21.49		
15	64QAM	75	0	21.57	21.66	21.51		
15	256QAM	1	0	19.30	19.30	19.18		
15	256QAM	1	37	19.22	19.23	19.24	20.7	1.5
15	256QAM	1	74	19.17	19.22	19.20		
15	256QAM	36	0	19.66	19.47	19.49		
15	256QAM	36	20	19.52	19.53	19.42	20.7	1.5
15	256QAM	36	39	19.46	19.40	19.42		
15	256QAM	75	0	19.54	19.40	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.50	21.57	21.51		
10	QPSK	1	25	21.53	21.56	21.59	22.2	0
10	QPSK	1	49	21.53	21.58	21.61		
10	QPSK	25	0	21.59	21.55	21.53		
10	QPSK	25	12	21.54	21.60	21.54	22.2	0
10	QPSK	25	25	21.62	21.64	21.51		
10	QPSK	50	0	21.58	21.62	21.53		
10	16QAM	1	0	21.50	21.65	21.60		
10	16QAM	1	25	21.62	21.65	21.56	22.2	0
10	16QAM	1	49	21.55	21.64	21.51		
10	16QAM	25	0	21.60	21.66	21.57		
10	16QAM	25	12	21.51	21.52	21.47	22.2	0
10	16QAM	25	25	21.62	21.59	21.56		
10	16QAM	50	0	21.51	21.64	21.60		
10	64QAM	1	0	21.51	21.63	21.47		
10	64QAM	1	25	21.60	21.60	21.55	22.2	0
10	64QAM	1	49	21.56	21.54	21.61		
10	64QAM	25	0	21.51	21.64	21.48		
10	64QAM	25	12	21.57	21.60	21.61	22.2	0
10	64QAM	25	25	21.61	21.62	21.52		
10	64QAM	50	0	21.64	21.53	21.56		
10	256QAM	1	0	19.28	19.28	19.13		
10	256QAM	1	25	19.31	19.28	19.25	20.7	1.5
10	256QAM	1	49	19.12	19.28	19.21		
10	256QAM	25	0	19.53	19.45	19.43		
10	256QAM	25	12	19.52	19.44	19.46	20.7	1.5
10	256QAM	25	25	19.47	19.51	19.53		
10	256QAM	50	0	19.53	19.51	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.54	21.50		
5	QPSK	1	12	21.59	21.59	21.54	22.2	0
5	QPSK	1	24	21.51	21.52	21.57		
5	QPSK	12	0	21.52	21.54	21.48		
5	QPSK	12	7	21.58	21.59	21.55	22.2	0
5	QPSK	12	13	21.52	21.61	21.52		
5	QPSK	25	0	21.53	21.65	21.58		
5	16QAM	1	0	21.53	21.62	21.60		
5	16QAM	1	12	21.59	21.54	21.56	22.2	0
5	16QAM	1	24	21.61	21.54	21.61		
5	16QAM	12	0	21.60	21.53	21.61		
5	16QAM	12	7	21.57	21.65	21.50	22.2	0
5	16QAM	12	13	21.53	21.62	21.57		
5	16QAM	25	0	21.59	21.59	21.48		
5	64QAM	1	0	21.60	21.58	21.59		
5	64QAM	1	12	21.58	21.52	21.51	22.2	0
5	64QAM	1	24	21.62	21.54	21.59		
5	64QAM	12	0	21.52	21.54	21.61		
5	64QAM	12	7	21.54	21.64	21.58	22.2	0
5	64QAM	12	13	21.61	21.61	21.47		
5	64QAM	25	0	21.51	21.60	21.54		
5	256QAM	1	0	19.33	19.31	19.21		
5	256QAM	1	12	19.17	19.28	19.29	20.7	1.5
5	256QAM	1	24	19.24	19.25	19.32		
5	256QAM	12	0	19.54	19.53	19.50		
5	256QAM	12	7	19.59	19.44	19.38	20.7	1.5
5	256QAM	12	13	19.35	19.54	19.53		
5	256QAM	25	0	19.40	19.40	19.58		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.88	19.01	18.84	20	0
20	QPSK	1	49	18.85	18.90	18.84		
20	QPSK	1	99	18.81	18.96	18.79		
20	QPSK	50	0	18.96	19.00	18.92	20	0
20	QPSK	50	24	18.91	18.87	18.90		
20	QPSK	50	50	18.95	18.96	18.84		
20	QPSK	100	0	18.95	18.98	18.90		
20	16QAM	1	0	18.90	18.96	18.78	20	0
20	16QAM	1	49	18.82	18.90	18.84		
20	16QAM	1	99	18.94	18.92	18.77		
20	16QAM	50	0	18.81	18.87	18.88	20	0
20	16QAM	50	24	18.89	18.97	18.88		
20	16QAM	50	50	18.92	18.93	18.79		
20	16QAM	100	0	18.90	18.91	18.79		
20	64QAM	1	0	18.84	18.94	18.85	20	0
20	64QAM	1	49	18.91	18.87	18.79		
20	64QAM	1	99	18.91	18.96	18.90		
20	64QAM	50	0	18.85	18.95	18.89	20	0
20	64QAM	50	24	18.86	18.92	18.78		
20	64QAM	50	50	18.93	18.94	18.81		
20	64QAM	100	0	18.90	18.97	18.85		
20	256QAM	1	0	18.62	18.68	18.71	20	0
20	256QAM	1	49	18.47	18.54	18.58		
20	256QAM	1	99	18.54	18.51	18.58		
20	256QAM	50	0	18.86	18.79	18.84	20	0
20	256QAM	50	24	18.70	18.71	18.71		
20	256QAM	50	50	18.68	18.65	18.71		
20	256QAM	100	0	18.65	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.90	18.90	18.84	20	0
15	QPSK	1	37	18.85	18.96	18.88		
15	QPSK	1	74	18.82	18.85	18.80		
15	QPSK	36	0	18.88	18.90	18.91	20	0
15	QPSK	36	20	18.93	18.89	18.88		
15	QPSK	36	39	18.81	18.89	18.81		
15	QPSK	75	0	18.93	18.94	18.85		
15	16QAM	1	0	18.81	18.86	18.83	20	0
15	16QAM	1	37	18.90	18.91	18.77		
15	16QAM	1	74	18.92	18.85	18.88		
15	16QAM	36	0	18.81	18.94	18.81	20	0
15	16QAM	36	20	18.94	18.91	18.79		
15	16QAM	36	39	18.93	18.95	18.87		
15	16QAM	75	0	18.90	18.89	18.78		
15	64QAM	1	0	18.89	18.86	18.87	20	0
15	64QAM	1	37	18.87	18.85	18.89		
15	64QAM	1	74	18.92	18.95	18.85		
15	64QAM	36	0	18.92	18.90	18.83	20	0
15	64QAM	36	20	18.93	18.88	18.78		
15	64QAM	36	39	18.82	18.86	18.80		
15	64QAM	75	0	18.81	18.94	18.79		
15	256QAM	1	0	18.67	18.75	18.77	20	0
15	256QAM	1	37	18.42	18.52	18.51		
15	256QAM	1	74	18.47	18.50	18.58		
15	256QAM	36	0	18.81	18.71	18.77	20	0
15	256QAM	36	20	18.73	18.64	18.73		
15	256QAM	36	39	18.67	18.73	18.66		
15	256QAM	75	0	18.62	18.55	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.82	18.86	18.78	20	0
10	QPSK	1	25	18.88	18.96	18.77		
10	QPSK	1	49	18.92	18.94	18.87		
10	QPSK	25	0	18.93	18.94	18.89	20	0
10	QPSK	25	12	18.91	18.90	18.77		
10	QPSK	25	25	18.95	18.87	18.82		
10	QPSK	50	0	18.82	18.92	18.88		
10	16QAM	1	0	18.86	18.87	18.82	20	0
10	16QAM	1	25	18.82	18.85	18.90		
10	16QAM	1	49	18.88	18.91	18.87		
10	16QAM	25	0	18.90	18.97	18.86	20	0
10	16QAM	25	12	18.89	18.95	18.88		
10	16QAM	25	25	18.85	18.88	18.87		
10	16QAM	50	0	18.84	18.88	18.91		
10	64QAM	1	0	18.81	18.89	18.89	20	0
10	64QAM	1	25	18.92	18.88	18.84		
10	64QAM	1	49	18.90	18.93	18.77		
10	64QAM	25	0	18.89	18.99	18.85	20	0
10	64QAM	25	12	18.94	18.88	18.89		
10	64QAM	25	25	18.94	18.88	18.89		
10	64QAM	50	0	18.92	18.97	18.89		
10	256QAM	1	0	18.57	18.63	18.63	20	0
10	256QAM	1	25	18.52	18.59	18.60		
10	256QAM	1	49	18.53	18.59	18.53		
10	256QAM	25	0	18.78	18.75	18.90	20	0
10	256QAM	25	12	18.71	18.74	18.78		
10	256QAM	25	25	18.68	18.67	18.70		
10	256QAM	50	0	18.67	18.60	18.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.93	18.92	18.89	20	0
5	QPSK	1	12	18.86	18.94	18.87		
5	QPSK	1	24	18.87	18.94	18.91		
5	QPSK	12	0	18.92	18.89	18.78	20	0
5	QPSK	12	7	18.81	18.98	18.83		
5	QPSK	12	13	18.95	18.88	18.83		
5	QPSK	25	0	18.94	18.88	18.84		
5	16QAM	1	0	18.82	18.98	18.90	20	0
5	16QAM	1	12	18.82	18.87	18.80		
5	16QAM	1	24	18.94	18.94	18.89		
5	16QAM	12	0	18.87	18.85	18.85	20	0
5	16QAM	12	7	18.81	18.94	18.78		
5	16QAM	12	13	18.87	18.89	18.90		
5	16QAM	25	0	18.84	18.99	18.89		
5	64QAM	1	0	18.93	18.93	18.79	20	0
5	64QAM	1	12	18.91	18.96	18.84		
5	64QAM	1	24	18.95	18.97	18.88		
5	64QAM	12	0	18.84	18.94	18.86	20	0
5	64QAM	12	7	18.83	18.92	18.91		
5	64QAM	12	13	18.91	18.87	18.81		
5	64QAM	25	0	18.91	18.95	18.88		
5	256QAM	1	0	18.62	18.65	18.64	20	0
5	256QAM	1	12	18.46	18.56	18.58		
5	256QAM	1	24	18.52	18.45	18.50		
5	256QAM	12	0	18.93	18.72	18.84	20	0
5	256QAM	12	7	18.78	18.70	18.67		
5	256QAM	12	13	18.66	18.66	18.77		
5	256QAM	25	0	18.59	18.64	18.71		

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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				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.13	20.15	20.03	19.91	19.89	20.7	0
20	QPSK	1	49	20.07	20.09	19.98	19.80	19.78		
20	QPSK	1	99	19.98	20.08	19.93	19.80	19.76		
20	QPSK	50	0	20.11	20.13	20.02	19.90	19.88	20.7	0
20	QPSK	50	24	19.97	20.01	19.96	19.86	19.85		
20	QPSK	50	50	20.09	20.01	19.90	19.77	19.82		
20	QPSK	100	0	20.08	20.10	20.01	19.89	19.86		
20	16QAM	1	0	20.00	20.12	19.93	19.85	19.83	20.7	0
20	16QAM	1	49	20.05	20.03	19.96	19.77	19.78		
20	16QAM	1	99	20.05	20.08	19.93	19.82	19.78		
20	16QAM	50	0	20.06	20.08	19.93	19.76	19.79	20.7	0
20	16QAM	50	24	20.04	20.03	19.96	19.81	19.83		
20	16QAM	50	50	20.06	20.02	20.01	19.75	19.78		
20	16QAM	100	0	19.98	20.08	19.99	19.86	19.77		
20	64QAM	1	0	20.07	20.05	19.98	19.83	19.73	20.7	0
20	64QAM	1	49	20.04	20.08	19.92	19.77	19.86		
20	64QAM	1	99	20.08	20.09	19.90	19.84	19.73		
20	64QAM	50	0	19.96	20.12	19.92	19.84	19.76	20.7	0
20	64QAM	50	24	20.09	19.99	19.95	19.76	19.78		
20	64QAM	50	50	20.10	20.01	19.97	19.79	19.76		
20	64QAM	100	0	19.97	20.07	19.88	19.86	19.77		
20	256QAM	1	0	19.73	19.73	19.66	19.76	19.75	20.7	0
20	256QAM	1	49	19.68	19.67	19.74	19.71	19.66		
20	256QAM	1	99	19.56	19.56	19.56	19.56	19.53		
20	256QAM	50	0	19.94	19.92	20.00	19.92	19.96	20.7	0
20	256QAM	50	24	19.87	19.88	19.94	19.90	19.86		
20	256QAM	50	50	19.84	19.79	19.81	19.81	19.73		
20	256QAM	100	0	19.77	19.83	19.82	19.88	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	20.01	20.01	19.87	19.83	19.85	20.7	0
15	QPSK	1	37	19.98	20.07	19.99	19.77	19.77		
15	QPSK	1	74	20.00	20.01	20.00	19.86	19.83		
15	QPSK	36	0	20.10	20.10	19.96	19.81	19.83	20.7	0
15	QPSK	36	20	20.03	20.00	19.97	19.84	19.73		
15	QPSK	36	39	20.03	20.05	19.89	19.77	19.74		
15	QPSK	75	0	20.04	19.99	19.94	19.82	19.73		
15	16QAM	1	0	20.05	20.04	19.94	19.88	19.85	20.7	0
15	16QAM	1	37	20.06	20.07	19.89	19.78	19.73		
15	16QAM	1	74	20.01	19.98	19.92	19.77	19.73		
15	16QAM	36	0	20.10	20.00	19.94	19.89	19.81	20.7	0
15	16QAM	36	20	20.05	20.09	19.95	19.80	19.85		
15	16QAM	36	39	20.10	19.99	19.91	19.79	19.75		
15	16QAM	75	0	20.09	19.99	19.89	19.79	19.79		
15	64QAM	1	0	20.06	20.04	19.98	19.78	19.81	20.7	0
15	64QAM	1	37	20.01	20.06	20.01	19.87	19.83		
15	64QAM	1	74	20.05	20.03	19.92	19.89	19.79		
15	64QAM	36	0	20.00	20.02	19.99	19.81	19.74	20.7	0
15	64QAM	36	20	19.97	20.09	19.89	19.75	19.76		
15	64QAM	36	39	20.01	20.03	20.01	19.81	19.73		
15	64QAM	75	0	20.02	20.03	20.00	19.79	19.73		
15	256QAM	1	0	19.77	19.72	19.72	19.84	19.76	20.7	0
15	256QAM	1	37	19.63	19.67	19.69	19.64	19.73		
15	256QAM	1	74	19.49	19.50	19.60	19.59	19.54		
15	256QAM	36	0	19.91	19.99	20.00	19.91	20.02	20.7	0
15	256QAM	36	20	19.83	20.00	19.92	19.98	19.93		
15	256QAM	36	39	19.78	19.88	19.83	19.80	19.75		
15	256QAM	75	0	19.82	19.80	19.78	19.93	19.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.00	20.08	20.00	19.81	19.86	20.7	0
10	QPSK	1	25	19.96	20.03	19.90	19.89	19.77		
10	QPSK	1	49	20.00	20.00	19.98	19.77	19.83		
10	QPSK	25	0	20.03	20.05	20.00	19.77	19.75	20.7	0
10	QPSK	25	12	19.96	19.99	19.95	19.81	19.87		
10	QPSK	25	25	20.08	20.03	19.89	19.83	19.78		
10	QPSK	50	0	20.00	20.08	19.87	19.81	19.76		
10	16QAM	1	0	20.10	20.02	19.93	19.84	19.83	20.7	0
10	16QAM	1	25	20.00	20.02	19.95	19.79	19.86		
10	16QAM	1	49	20.00	20.03	19.93	19.85	19.83		
10	16QAM	25	0	20.07	19.99	19.88	19.87	19.74	20.7	0
10	16QAM	25	12	20.03	20.09	19.88	19.85	19.86		
10	16QAM	25	25	20.04	20.10	19.97	19.87	19.83		
10	16QAM	50	0	19.96	20.08	19.95	19.82	19.79		
10	64QAM	1	0	20.10	20.12	19.87	19.81	19.76	20.7	0
10	64QAM	1	25	20.06	20.10	20.01	19.84	19.78		
10	64QAM	1	49	20.01	20.09	19.94	19.87	19.86		
10	64QAM	25	0	19.99	20.08	19.94	19.86	19.83	20.7	0
10	64QAM	25	12	20.00	20.10	19.98	19.82	19.75		
10	64QAM	25	25	19.96	20.04	19.90	19.86	19.84		
10	64QAM	50	0	20.03	20.10	19.94	19.87	19.87		
10	256QAM	1	0	19.73	19.69	19.74	19.72	19.68	20.7	0
10	256QAM	1	25	19.70	19.81	19.74	19.75	19.58		
10	256QAM	1	49	19.62	19.55	19.48	19.51	19.50		
10	256QAM	25	0	19.96	20.00	19.84	19.97	19.89	20.7	0
10	256QAM	25	12	19.79	19.87	19.92	19.82	19.87		
10	256QAM	25	25	19.86	19.78	19.74	19.81	19.73		
10	256QAM	50	0	19.75	19.79	19.83	19.89	19.84		
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	19.96	20.04	19.89	19.78	19.74	20.7	0
5	QPSK	1	12	19.96	20.06	19.94	19.80	19.75		
5	QPSK	1	24	20.07	20.04	19.90	19.87	19.83		
5	QPSK	12	0	20.00	20.06	19.91	19.84	19.73	20.7	0
5	QPSK	12	7	20.00	20.10	19.99	19.75	19.87		
5	QPSK	12	13	20.02	20.07	19.98	19.78	19.79		
5	QPSK	25	0	20.08	20.11	19.90	19.84	19.87		
5	16QAM	1	0	20.07	20.00	19.89	19.82	19.86	20.7	0
5	16QAM	1	12	20.02	20.09	20.01	19.85	19.81		
5	16QAM	1	24	20.06	20.10	19.94	19.85	19.75		
5	16QAM	12	0	20.07	20.03	19.88	19.78	19.81	20.7	0
5	16QAM	12	7	20.03	20.01	19.92	19.83	19.77		
5	16QAM	12	13	19.97	20.04	19.92	19.80	19.86		
5	16QAM	25	0	20.08	20.01	19.91	19.83	19.86		
5	64QAM	1	0	20.05	20.01	19.99	19.76	19.84	20.7	0
5	64QAM	1	12	20.04	20.11	19.92	19.79	19.85		
5	64QAM	1	24	20.09	20.06	20.01	19.82	19.82		
5	64QAM	12	0	20.06	19.99	19.97	19.89	19.77	20.7	0
5	64QAM	12	7	20.03	20.05	19.87	19.82	19.75		
5	64QAM	12	13	19.96	20.06	19.90	19.75	19.80		
5	64QAM	25	0	20.03	20.09	20.00	19.77	19.78		
5	256QAM	1	0	19.80	19.64	19.70	19.81	19.74	20.7	0
5	256QAM	1	12	19.64	19.73	19.86	19.74	19.69		
5	256QAM	1	24	19.48	19.63	19.56	19.64	19.55		
5	256QAM	12	0	19.97	20.00	19.85	19.99	19.98	20.7	0
5	256QAM	12	7	19.91	19.89	19.93	19.93	19.78		
5	256QAM	12	13	19.81	19.84	19.76	19.83	19.76		
5	256QAM	25	0	19.79	19.86	19.91	19.88	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.98	23.57	23.33	23.10	25	0
20	QPSK	1	49	23.80	23.96	23.53	23.28	23.02		
20	QPSK	1	99	23.82	23.82	23.54	23.31	23.09		
20	QPSK	50	0	22.81	22.93	22.57	22.30	22.15	24	1
20	QPSK	50	24	22.80	22.87	22.56	22.27	22.14		
20	QPSK	50	50	22.78	22.91	22.52	22.28	22.10		
20	QPSK	100	0	22.82	22.91	22.53	22.26	22.16		
20	16QAM	1	0	22.78	22.95	22.59	22.26	22.09	24	1
20	16QAM	1	49	22.85	22.92	22.59	22.34	22.12		
20	16QAM	1	99	22.85	22.90	22.51	22.30	22.30		
20	16QAM	50	0	21.80	21.90	21.57	21.25	21.10	23	2
20	16QAM	50	24	21.79	21.88	21.56	21.27	21.12		
20	16QAM	50	50	21.85	21.92	21.54	21.27	21.21		
20	16QAM	100	0	21.80	21.90	21.51	21.27	21.16		
20	64QAM	1	0	21.54	21.64	21.33	21.00	21.08	23	2
20	64QAM	1	49	21.53	21.64	21.33	21.08	21.05		
20	64QAM	1	99	21.60	21.61	21.27	21.03	21.01		
20	64QAM	50	0	20.80	20.87	20.57	20.25	20.10	22	3
20	64QAM	50	24	20.81	20.87	20.53	20.25	20.14		
20	64QAM	50	50	20.84	20.92	20.51	20.27	20.22		
20	64QAM	100	0	20.82	20.89	20.51	20.26	20.17		
20	256QAM	1	0	18.51	18.52	18.05	18.06	18.05	20	5
20	256QAM	1	49	18.44	18.47	18.03	18.03	18.03		
20	256QAM	1	99	18.45	18.45	18.09	18.03	18.02		
20	256QAM	50	0	18.70	18.71	18.29	18.12	18.05	20	5
20	256QAM	50	24	18.75	18.73	18.40	18.17	18.10		
20	256QAM	50	50	18.78	18.75	18.38	18.22	18.09		
20	256QAM	100	0	18.64	18.68	18.24	18.07	18.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.91	23.78	23.48	23.29	23.06	25	0
15	QPSK	1	37	23.88	23.71	23.45	23.17	23.05		
15	QPSK	1	74	23.79	23.74	23.45	23.23	23.00		
15	QPSK	36	0	22.84	22.74	22.54	22.23	22.09	24	1
15	QPSK	36	20	22.76	22.75	22.47	22.24	22.09		
15	QPSK	36	39	22.84	22.74	22.41	22.22	22.00		
15	QPSK	75	0	22.82	22.75	22.44	22.15	22.08		
15	16QAM	1	0	22.86	22.75	22.51	22.21	22.00	24	1
15	16QAM	1	37	22.88	22.83	22.57	22.28	22.09		
15	16QAM	1	74	22.87	22.82	22.43	22.25	22.27		
15	16QAM	36	0	21.85	21.75	21.53	21.15	21.08	23	2
15	16QAM	36	20	21.84	21.74	21.51	21.24	21.07		
15	16QAM	36	39	21.90	21.80	21.46	21.16	21.16		
15	16QAM	75	0	21.84	21.70	21.43	21.23	21.06		
15	64QAM	1	0	21.55	21.46	21.28	21.05	21.03	23	2
15	64QAM	1	37	21.59	21.51	21.28	21.01	21.05		
15	64QAM	1	74	21.55	21.53	21.18	21.06	21.04		
15	64QAM	36	0	20.82	20.73	20.46	20.19	20.06	22	3
15	64QAM	36	20	20.82	20.75	20.43	20.20	20.07		
15	64QAM	36	39	20.84	20.75	20.43	20.23	20.13		
15	64QAM	75	0	20.84	20.72	20.45	20.16	20.12		
15	256QAM	1	0	18.47	18.56	18.06	18.02	18.05	20	5
15	256QAM	1	37	18.45	18.41	18.00	18.05	18.04		
15	256QAM	1	74	18.52	18.42	18.06	18.06	18.06		
15	256QAM	36	0	18.76	18.63	18.37	18.12	18.05	20	5
15	256QAM	36	20	18.78	18.68	18.32	18.23	18.06		
15	256QAM	36	39	18.81	18.79	18.31	18.25	18.04		
15	256QAM	75	0	18.71	18.59	18.24	18.06	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	23.82	23.54	23.30	23.04	25	0
10	QPSK	1	25	23.92	23.76	23.44	23.19	23.05		
10	QPSK	1	49	23.73	23.73	23.48	23.28	23.04		
10	QPSK	25	0	22.91	22.75	22.51	22.28	22.07	24	1
10	QPSK	25	12	22.80	22.72	22.48	22.24	22.12		
10	QPSK	25	25	22.87	22.74	22.43	22.24	22.08		
10	QPSK	50	0	22.81	22.75	22.50	22.23	22.05		
10	16QAM	1	0	22.92	22.68	22.50	22.23	22.01	24	1
10	16QAM	1	25	22.84	22.82	22.48	22.28	22.09		
10	16QAM	1	49	22.82	22.80	22.45	22.23	22.22		
10	16QAM	25	0	21.81	21.77	21.52	21.23	21.06	23	2
10	16QAM	25	12	21.85	21.76	21.51	21.21	21.06		
10	16QAM	25	25	21.83	21.81	21.45	21.25	21.16		
10	16QAM	50	0	21.79	21.71	21.42	21.22	21.12		
10	64QAM	1	0	21.62	21.49	21.22	21.06	21.03	23	2
10	64QAM	1	25	21.58	21.42	21.26	21.04	21.02		
10	64QAM	1	49	21.52	21.57	21.24	21.05	21.08		
10	64QAM	25	0	20.76	20.76	20.53	20.22	20.00	22	3
10	64QAM	25	12	20.76	20.73	20.48	20.14	20.05		
10	64QAM	25	25	20.81	20.74	20.40	20.21	20.20		
10	64QAM	50	0	20.81	20.72	20.43	20.15	20.07		
10	256QAM	1	0	18.58	18.48	18.10	18.08	18.03	20	5
10	256QAM	1	25	18.39	18.49	18.01	18.11	18.05		
10	256QAM	1	49	18.51	18.50	18.06	18.13	18.05		
10	256QAM	25	0	18.68	18.65	18.30	18.20	18.05	20	5
10	256QAM	25	12	18.81	18.83	18.32	18.25	18.08		
10	256QAM	25	25	18.70	18.70	18.46	18.29	18.07		
10	256QAM	50	0	18.66	18.72	18.26	18.07	18.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.88	23.74	23.49	23.26	23.05	25	0
5	QPSK	1	12	23.89	23.76	23.42	23.17	23.06		
5	QPSK	1	24	23.79	23.73	23.45	23.20	23.00		
5	QPSK	12	0	22.85	22.76	22.46	22.19	22.06	24	1
5	QPSK	12	7	22.83	22.74	22.53	22.17	22.07		
5	QPSK	12	13	22.89	22.73	22.43	22.22	22.04		
5	QPSK	25	0	22.82	22.72	22.43	22.19	22.06		
5	16QAM	1	0	22.88	22.73	22.49	22.21	22.00	24	1
5	16QAM	1	12	22.81	22.77	22.52	22.28	22.10		
5	16QAM	1	24	22.83	22.79	22.48	22.23	22.20		
5	16QAM	12	0	21.82	21.75	21.47	21.22	21.07	23	2
5	16QAM	12	7	21.79	21.75	21.52	21.21	21.01		
5	16QAM	12	13	21.89	21.81	21.48	21.16	21.19		
5	16QAM	25	0	21.84	21.72	21.46	21.25	21.07		
5	64QAM	1	0	21.60	21.49	21.31	21.08	21.10	23	2
5	64QAM	1	12	21.58	21.43	21.30	21.05	21.05		
5	64QAM	1	24	21.50	21.51	21.23	21.03	21.08		
5	64QAM	12	0	20.84	20.76	20.50	20.17	20.03	22	3
5	64QAM	12	7	20.76	20.75	20.50	20.19	20.09		
5	64QAM	12	13	20.90	20.81	20.46	20.24	20.15		
5	64QAM	25	0	20.83	20.76	20.41	20.18	20.12		
5	256QAM	1	0	18.58	18.47	18.03	18.02	18.05	20	5
5	256QAM	1	12	18.49	18.36	18.00	18.08	18.06		
5	256QAM	1	24	18.47	18.42	18.06	18.05	18.08		
5	256QAM	12	0	18.72	18.70	18.27	18.19	18.11	20	5
5	256QAM	12	7	18.72	18.75	18.46	18.18	18.05		
5	256QAM	12	13	18.83	18.75	18.31	18.15	18.03		
5	256QAM	25	0	18.63	18.56	18.24	18.01	18.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.61	21.78	21.76	21.58	21.73	22.2	0
20	QPSK	1	49	21.59	21.67	21.63	21.48	21.71		
20	QPSK	1	99	21.50	21.60	21.68	21.44	21.60		
20	QPSK	50	0	21.60	21.75	21.74	21.55	21.72	22.2	0
20	QPSK	50	24	21.45	21.65	21.66	21.46	21.70		
20	QPSK	50	50	21.59	21.64	21.67	21.42	21.71		
20	QPSK	100	0	21.58	21.73	21.72	21.53	21.71		
20	16QAM	1	0	21.55	21.71	21.63	21.40	21.64	22.2	0
20	16QAM	1	49	21.52	21.64	21.64	21.40	21.64		
20	16QAM	1	99	21.55	21.71	21.65	21.51	21.67		
20	16QAM	50	0	21.52	21.66	21.67	21.45	21.69	22.2	0
20	16QAM	50	24	21.58	21.63	21.62	21.50	21.69		
20	16QAM	50	50	21.53	21.61	21.68	21.42	21.70		
20	16QAM	100	0	21.50	21.62	21.70	21.54	21.71		
20	64QAM	1	0	21.56	21.67	21.65	21.51	21.65	22.2	0
20	64QAM	1	49	21.54	21.64	21.65	21.47	21.61		
20	64QAM	1	99	21.46	21.66	21.71	21.52	21.65		
20	64QAM	50	0	21.48	21.73	21.68	21.41	21.70	22.2	0
20	64QAM	50	24	21.52	21.63	21.67	21.49	21.64		
20	64QAM	50	50	21.46	21.71	21.61	21.50	21.63		
20	64QAM	100	0	21.53	21.73	21.73	21.47	21.69		
20	256QAM	1	0	19.15	19.30	19.14	19.17	19.08	20.7	1.5
20	256QAM	1	49	19.03	19.26	19.05	19.09	19.08		
20	256QAM	1	99	18.97	19.20	18.99	19.13	19.05		
20	256QAM	50	0	19.30	19.53	19.30	19.31	19.44	20.7	1.5
20	256QAM	50	24	19.26	19.48	19.30	19.28	19.26		
20	256QAM	50	50	19.33	19.46	19.30	19.30	19.24		
20	256QAM	100	0	19.33	19.43	19.27	19.27	19.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.57	21.71	21.67	21.49	21.67	22.2	0
15	QPSK	1	37	21.52	21.67	21.64	21.50	21.68		
15	QPSK	1	74	21.54	21.71	21.60	21.47	21.58		
15	QPSK	36	0	21.58	21.72	21.59	21.40	21.65	22.2	0
15	QPSK	36	20	21.50	21.66	21.73	21.42	21.66		
15	QPSK	36	39	21.59	21.64	21.71	21.46	21.59		
15	QPSK	75	0	21.51	21.65	21.59	21.40	21.57		
15	16QAM	1	0	21.53	21.66	21.63	21.51	21.70	22.2	0
15	16QAM	1	37	21.59	21.62	21.59	21.45	21.60		
15	16QAM	1	74	21.52	21.61	21.71	21.52	21.57		
15	16QAM	36	0	21.48	21.72	21.69	21.47	21.58	22.2	0
15	16QAM	36	20	21.59	21.60	21.67	21.42	21.61		
15	16QAM	36	39	21.59	21.70	21.66	21.40	21.65		
15	16QAM	75	0	21.59	21.64	21.59	21.50	21.66		
15	64QAM	1	0	21.51	21.70	21.67	21.53	21.61	22.2	0
15	64QAM	1	37	21.53	21.70	21.72	21.49	21.60		
15	64QAM	1	74	21.47	21.73	21.72	21.43	21.57		
15	64QAM	36	0	21.50	21.63	21.61	21.45	21.63	22.2	0
15	64QAM	36	20	21.51	21.64	21.68	21.42	21.71		
15	64QAM	36	39	21.53	21.70	21.59	21.41	21.59		
15	64QAM	75	0	21.46	21.64	21.65	21.41	21.66		
15	256QAM	1	0	19.15	19.37	19.12	19.24	19.05	20.7	1.5
15	256QAM	1	37	19.11	19.23	18.97	19.12	19.00		
15	256QAM	1	74	19.04	19.24	19.05	19.15	19.02		
15	256QAM	36	0	19.29	19.47	19.29	19.28	19.41	20.7	1.5
15	256QAM	36	20	19.22	19.52	19.26	19.22	19.30		
15	256QAM	36	39	19.27	19.41	19.36	19.23	19.24		
15	256QAM	75	0	19.33	19.47	19.26	19.19	19.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.49	21.67	21.60	21.47	21.65	22.2	0
10	QPSK	1	25	21.54	21.67	21.67	21.54	21.58		
10	QPSK	1	49	21.59	21.62	21.59	21.45	21.68		
10	QPSK	25	0	21.49	21.69	21.64	21.41	21.61	22.2	0
10	QPSK	25	12	21.59	21.64	21.59	21.48	21.59		
10	QPSK	25	25	21.50	21.69	21.72	21.40	21.62		
10	QPSK	50	0	21.58	21.67	21.60	21.51	21.71		
10	16QAM	1	0	21.50	21.73	21.63	21.41	21.70	22.2	0
10	16QAM	1	25	21.45	21.72	21.63	21.52	21.67		
10	16QAM	1	49	21.52	21.63	21.68	21.49	21.57		
10	16QAM	25	0	21.49	21.74	21.69	21.46	21.69	22.2	0
10	16QAM	25	12	21.53	21.64	21.61	21.41	21.63		
10	16QAM	25	25	21.48	21.68	21.73	21.50	21.67		
10	16QAM	50	0	21.52	21.67	21.72	21.54	21.58		
10	64QAM	1	0	21.56	21.73	21.61	21.43	21.62	22.2	0
10	64QAM	1	25	21.54	21.69	21.71	21.52	21.62		
10	64QAM	1	49	21.49	21.63	21.71	21.51	21.59		
10	64QAM	25	0	21.55	21.61	21.66	21.41	21.66	22.2	0
10	64QAM	25	12	21.59	21.70	21.67	21.53	21.71		
10	64QAM	25	25	21.52	21.63	21.62	21.50	21.64		
10	64QAM	50	0	21.52	21.72	21.63	21.42	21.64		
10	256QAM	1	0	19.14	19.29	19.07	19.12	19.06	20.7	1.5
10	256QAM	1	25	18.97	19.28	19.13	19.02	19.00		
10	256QAM	1	49	18.97	19.26	18.98	19.16	18.99		
10	256QAM	25	0	19.26	19.47	19.36	19.23	19.50	20.7	1.5
10	256QAM	25	12	19.24	19.51	19.38	19.35	19.32		
10	256QAM	25	25	19.31	19.48	19.35	19.29	19.26		
10	256QAM	50	0	19.33	19.47	19.25	19.24	19.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.53	21.60	21.65	21.46	21.64	22.2	0
5	QPSK	1	12	21.52	21.70	21.69	21.53	21.59		
5	QPSK	1	24	21.58	21.70	21.62	21.44	21.59		
5	QPSK	12	0	21.48	21.66	21.73	21.54	21.71	22.2	0
5	QPSK	12	7	21.52	21.71	21.68	21.52	21.67		
5	QPSK	12	13	21.47	21.64	21.66	21.45	21.58		
5	QPSK	25	0	21.57	21.60	21.66	21.54	21.58		
5	16QAM	1	0	21.50	21.64	21.60	21.44	21.63	22.2	0
5	16QAM	1	12	21.46	21.60	21.65	21.48	21.60		
5	16QAM	1	24	21.58	21.73	21.60	21.47	21.71		
5	16QAM	12	0	21.50	21.64	21.68	21.43	21.63	22.2	0
5	16QAM	12	7	21.56	21.72	21.60	21.49	21.68		
5	16QAM	12	13	21.47	21.73	21.72	21.41	21.69		
5	16QAM	25	0	21.59	21.73	21.64	21.41	21.60		
5	64QAM	1	0	21.55	21.63	21.62	21.51	21.66	22.2	0
5	64QAM	1	12	21.47	21.62	21.69	21.46	21.60		
5	64QAM	1	24	21.49	21.72	21.70	21.49	21.64		
5	64QAM	12	0	21.48	21.65	21.67	21.41	21.67	22.2	0
5	64QAM	12	7	21.53	21.72	21.67	21.48	21.59		
5	64QAM	12	13	21.55	21.66	21.59	21.52	21.61		
5	64QAM	25	0	21.56	21.70	21.63	21.52	21.63		
5	256QAM	1	0	19.23	19.33	19.22	19.15	19.10	20.7	1.5
5	256QAM	1	12	19.05	19.22	18.99	19.02	19.15		
5	256QAM	1	24	18.99	19.17	19.07	19.15	19.10		
5	256QAM	12	0	19.22	19.53	19.27	19.32	19.38	20.7	1.5
5	256QAM	12	7	19.28	19.47	19.29	19.31	19.22		
5	256QAM	12	13	19.28	19.53	19.27	19.23	19.23		
5	256QAM	25	0	19.37	19.44	19.19	19.24	19.35		

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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	19.30	19.33	19.20	19.15	19.10	20.5	0
20	QPSK	1	49	19.15	19.19	19.14	19.00	19.00		
20	QPSK	1	99	19.15	19.17	19.14	19.03	19.07		
20	QPSK	50	0	19.28	19.30	19.18	19.13	19.09	20.5	0
20	QPSK	50	24	19.24	19.21	19.12	19.05	19.04		
20	QPSK	50	50	19.13	19.25	19.16	19.09	19.03		
20	QPSK	100	0	19.26	19.28	19.17	19.12	19.08		
20	16QAM	1	0	19.23	19.16	19.14	19.10	19.03	20.5	0
20	16QAM	1	49	19.13	19.21	19.04	19.06	19.09		
20	16QAM	1	99	19.23	19.20	19.06	19.13	19.06		
20	16QAM	50	0	19.23	19.18	19.13	19.11	19.04	20.5	0
20	16QAM	50	24	19.13	19.16	19.16	19.11	19.01		
20	16QAM	50	50	19.26	19.18	19.11	19.06	19.01		
20	16QAM	100	0	19.20	19.26	19.09	19.08	19.08		
20	64QAM	1	0	19.26	19.15	19.04	19.06	19.01	20.5	0
20	64QAM	1	49	19.18	19.15	19.14	19.05	19.06		
20	64QAM	1	99	19.16	19.19	19.13	19.08	19.05		
20	64QAM	50	0	19.19	19.24	19.04	19.06	19.05	20.5	0
20	64QAM	50	24	19.27	19.26	19.09	19.04	19.02		
20	64QAM	50	50	19.17	19.28	19.06	19.05	19.02		
20	64QAM	100	0	19.24	19.20	19.06	19.03	19.07		
20	256QAM	1	0	18.72	18.78	18.80	18.79	18.74	20.5	0
20	256QAM	1	49	18.77	18.72	18.79	18.75	18.79		
20	256QAM	1	99	18.68	18.75	18.82	18.71	18.75		
20	256QAM	50	0	18.98	18.93	18.90	18.90	18.98	20.5	0
20	256QAM	50	24	18.90	18.98	18.93	18.95	18.93		
20	256QAM	50	50	19.10	19.02	19.04	19.10	18.98		
20	256QAM	100	0	18.96	18.98	18.94	19.05	18.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.25	19.30	19.17	19.06	19.01	20.5	0
15	QPSK	1	37	19.26	19.26	19.09	19.07	19.02		
15	QPSK	1	74	19.24	19.24	19.17	19.08	19.09		
15	QPSK	36	0	19.18	19.32	19.17	19.09	19.09	20.5	0
15	QPSK	36	20	19.19	19.27	19.09	19.14	19.03		
15	QPSK	36	39	19.26	19.28	19.07	19.12	19.05		
15	QPSK	75	0	19.26	19.23	19.14	19.14	19.01		
15	16QAM	1	0	19.19	19.31	19.16	19.01	19.02	20.5	0
15	16QAM	1	37	19.26	19.28	19.13	19.02	19.03		
15	16QAM	1	74	19.18	19.22	19.08	19.05	19.07		
15	16QAM	36	0	19.24	19.21	19.18	19.11	19.02	20.5	0
15	16QAM	36	20	19.23	19.22	19.13	19.12	19.03		
15	16QAM	36	39	19.21	19.28	19.11	19.07	19.00		
15	16QAM	75	0	19.28	19.23	19.06	19.13	19.00		
15	64QAM	1	0	19.19	19.21	19.17	19.01	19.07	20.5	0
15	64QAM	1	37	19.19	19.32	19.15	19.01	19.00		
15	64QAM	1	74	19.27	19.23	19.14	19.00	19.02		
15	64QAM	36	0	19.19	19.32	19.15	19.04	19.05	20.5	0
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.06	18.10	18.07	18.7	0
20	QPSK	1	49	17.99	17.94	18.01		
20	QPSK	1	99	17.94	18.04	17.90		
20	QPSK	50	0	18.05	18.08	18.03		
20	QPSK	50	24	17.90	17.98	17.90	18.7	0
20	QPSK	50	50	17.98	18.00	17.94		
20	QPSK	100	0	18.03	18.05	18.01		
20	16QAM	1	0	18.04	17.97	17.97		
20	16QAM	1	49	17.97	17.98	17.95	18.7	0
20	16QAM	1	99	18.04	17.94	17.98		
20	16QAM	50	0	18.03	18.06	17.88		
20	16QAM	50	24	17.94	17.95	17.89	18.7	0
20	16QAM	50	50	17.94	17.95	17.92		
20	16QAM	100	0	17.91	18.06	17.97		
20	64QAM	1	0	17.91	17.96	17.90		
20	64QAM	1	49	18.00	18.05	17.98	18.7	0
20	64QAM	1	99	17.91	18.04	17.90		
20	64QAM	50	0	17.93	18.06	17.92		
20	64QAM	50	24	17.92	18.07	18.00	18.7	0
20	64QAM	50	50	17.93	18.00	17.88		
20	64QAM	100	0	18.04	18.06	18.02		
20	256QAM	1	0	17.99	17.93	18.00		
20	256QAM	1	49	17.94	18.07	17.99	18.7	0
20	256QAM	1	99	18.03	17.97	17.95		
20	256QAM	50	0	18.01	17.98	17.95		
20	256QAM	50	24	18.03	18.03	17.94	18.7	0
20	256QAM	50	50	18.04	18.04	17.95		
20	256QAM	100	0	17.98	17.93	17.95		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.94	18.07	17.94		
15	QPSK	1	37	17.93	18.00	17.97	18.7	0
15	QPSK	1	74	17.97	17.94	17.90		
15	QPSK	36	0	17.95	17.96	17.99		
15	QPSK	36	20	18.04	18.01	17.91	18.7	0
15	QPSK	36	39	17.92	18.01	17.95		
15	QPSK	75	0	18.02	17.94	17.96		
15	16QAM	1	0	17.95	18.01	17.92		
15	16QAM	1	37	18.00	18.00	17.92	18.7	0
15	16QAM	1	74	17.99	18.06	17.92		
15	16QAM	36	0	17.97	18.07	17.95		
15	16QAM	36	20	17.90	17.98	17.91	18.7	0
15	16QAM	36	39	17.99	17.94	18.01		
15	16QAM	75	0	17.91	17.99	17.95		
15	64QAM	1	0	17.95	18.07	17.89		
15	64QAM	1	37	17.94	18.03	18.00	18.7	0
15	64QAM	1	74	18.00	17.98	17.89		
15	64QAM	36	0	18.00	18.02	17.94		
15	64QAM	36	20	17.99	17.95	17.95	18.7	0
15	64QAM	36	39	18.00	18.06	17.93		
15	64QAM	75	0	17.98	18.02	17.88		
15	256QAM	1	0	17.95	18.02	17.98		
15	256QAM	1	37	17.94	18.05	18.02	18.7	0
15	256QAM	1	74	18.04	17.93	17.99		
15	256QAM	36	0	17.99	18.07	17.95		
15	256QAM	36	20	17.91	17.93	17.97	18.7	0
15	256QAM	36	39	18.03	17.93	17.93		
15	256QAM	75	0	17.92	17.96	17.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.90	18.05	17.97		
10	QPSK	1	25	17.99	18.06	17.90	18.7	0
10	QPSK	1	49	18.02	17.93	17.94		
10	QPSK	25	0	18.02	17.98	17.96		
10	QPSK	25	12	18.04	17.97	17.94	18.7	0
10	QPSK	25	25	17.92	17.94	17.89		
10	QPSK	50	0	17.94	17.97	17.92		
10	16QAM	1	0	18.02	18.03	17.90		
10	16QAM	1	25	17.99	17.95	17.97	18.7	0
10	16QAM	1	49	17.97	17.94	17.89		
10	16QAM	25	0	17.99	18.00	17.96		
10	16QAM	25	12	18.03	18.07	17.90	18.7	0
10	16QAM	25	25	17.95	18.02	17.94		
10	16QAM	50	0	17.93	17.94	17.91		
10	64QAM	1	0	18.04	18.04	17.91		
10	64QAM	1	25	18.04	18.04	18.00	18.7	0
10	64QAM	1	49	18.02	17.93	17.94		
10	64QAM	25	0	17.90	18.01	17.99		
10	64QAM	25	12	17.98	18.07	17.91	18.7	0
10	64QAM	25	25	18.04	18.05	17.96		
10	64QAM	50	0	18.02	18.06	17.92		
10	256QAM	1	0	17.94	18.01	17.90		
10	256QAM	1	25	18.01	17.95	18.01	18.7	0
10	256QAM	1	49	17.98	17.95	17.99		
10	256QAM	25	0	17.91	17.97	17.92		
10	256QAM	25	12	18.01	18.01	18.00	18.7	0
10	256QAM	25	25	17.92	18.05	17.91		
10	256QAM	50	0	17.90	18.06	17.89		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.96	17.96	18.01		
5	QPSK	1	12	18.04	17.98	17.88	18.7	0
5	QPSK	1	24	18.02	17.95	17.93		
5	QPSK	12	0	18.00	18.01	17.92		
5	QPSK	12	7	17.99	18.05	17.93	18.7	0
5	QPSK	12	13	17.97	17.98	17.89		
5	QPSK	25	0	17.91	18.06	17.95		
5	16QAM	1	0	17.96	17.97	18.01		
5	16QAM	1	12	18.02	18.04	17.89	18.7	0
5	16QAM	1	24	18.01	18.01	17.99		
5	16QAM	12	0	17.97	17.98	17.97		
5	16QAM	12	7	17.98	17.97	17.92	18.7	0
5	16QAM	12	13	17.94	18.01	17.98		
5	16QAM	25	0	17.99	17.99	17.88		
5	64QAM	1	0	18.00	18.07	17.99		
5	64QAM	1	12	17.98	18.05	17.98	18.7	0
5	64QAM	1	24	18.02	17.97	17.94		
5	64QAM	12	0	18.04	17.95	17.91		
5	64QAM	12	7	17.97	18.01	17.94	18.7	0
5	64QAM	12	13	18.02	18.06	17.96		
5	64QAM	25	0	17.98	18.07	17.94		
5	256QAM	1	0	18.02	18.07	18.01		
5	256QAM	1	12	17.93	17.99	18.02	18.7	0
5	256QAM	1	24	17.98	17.94	17.98		
5	256QAM	12	0	17.95	18.05	17.91		
5	256QAM	12	7	17.92	17.94	17.89	18.7	0
5	256QAM	12	13	17.98	18.07	18.02		
5	256QAM	25	0	17.90	18.02	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.38	19.40	19.16	21	0
20	QPSK	1	49	19.22	19.28	19.12		
20	QPSK	1	99	19.32	19.26	19.10		
20	QPSK	50	0	19.37	19.38	19.16		
20	QPSK	50	24	19.28	19.28	19.14	21	0
20	QPSK	50	50	19.33	19.32	19.10		
20	QPSK	100	0	19.35	19.36	19.15		
20	16QAM	1	0	19.30	19.36	19.03		
20	16QAM	1	49	19.22	19.32	19.05	21	0
20	16QAM	1	99	19.31	19.33	19.06		
20	16QAM	50	0	19.22	19.27	19.08		
20	16QAM	50	24	19.35	19.32	19.15	21	0
20	16QAM	50	50	19.26	19.37	19.07		
20	16QAM	100	0	19.23	19.37	19.09		
20	64QAM	1	0	19.35	19.34	19.01		
20	64QAM	1	49	19.25	19.37	19.13	21	0
20	64QAM	1	99	19.27	19.27	19.11		
20	64QAM	50	0	19.26	19.26	19.06		
20	64QAM	50	24	19.25	19.30	19.13	21	0
20	64QAM	50	50	19.25	19.33	19.12		
20	64QAM	100	0	19.28	19.30	19.15		
20	256QAM	1	0	17.12	17.18	17.17		
20	256QAM	1	49	17.14	17.13	17.06	19	2
20	256QAM	1	99	17.18	17.12	17.04		
20	256QAM	50	0	17.44	17.38	17.44		
20	256QAM	50	24	17.32	17.36	17.29	19	2
20	256QAM	50	50	17.30	17.32	17.33		
20	256QAM	100	0	17.25	17.30	17.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.29	19.31	19.06		
15	QPSK	1	37	19.30	19.29	19.06	21	0
15	QPSK	1	74	19.26	19.27	19.15		
15	QPSK	36	0	19.29	19.29	19.05		
15	QPSK	36	20	19.30	19.36	19.06	21	0
15	QPSK	36	39	19.36	19.31	19.05		
15	QPSK	75	0	19.32	19.37	19.05		
15	16QAM	1	0	19.31	19.32	19.06		
15	16QAM	1	37	19.30	19.37	19.01	21	0
15	16QAM	1	74	19.24	19.32	19.06		
15	16QAM	36	0	19.22	19.34	19.10		
15	16QAM	36	20	19.35	19.27	19.01	21	0
15	16QAM	36	39	19.32	19.29	19.11		
15	16QAM	75	0	19.23	19.28	19.11		
15	64QAM	1	0	19.25	19.32	19.05		
15	64QAM	1	37	19.26	19.37	19.12	21	0
15	64QAM	1	74	19.23	19.32	19.08		
15	64QAM	36	0	19.25	19.25	19.15		
15	64QAM	36	20	19.36	19.31	19.04	21	0
15	64QAM	36	39	19.24	19.27	19.04		
15	64QAM	75	0	19.36	19.35	19.07		
15	256QAM	1	0	17.19	17.13	17.25		
15	256QAM	1	37	17.11	17.17	17.13	19	2
15	256QAM	1	74	17.15	17.14	17.05		
15	256QAM	36	0	17.51	17.46	17.51		
15	256QAM	36	20	17.25	17.40	17.26	19	2
15	256QAM	36	39	17.26	17.28	17.33		
15	256QAM	75	0	17.21	17.32	17.24		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.36	19.27	19.01		
10	QPSK	1	25	19.25	19.28	19.03	21	0
10	QPSK	1	49	19.35	19.23	19.12		
10	QPSK	25	0	19.30	19.24	19.15		
10	QPSK	25	12	19.27	19.34	19.09	21	0
10	QPSK	25	25	19.33	19.27	19.06		
10	QPSK	50	0	19.25	19.31	19.08		
10	16QAM	1	0	19.32	19.29	19.08		
10	16QAM	1	25	19.24	19.26	19.12	21	0
10	16QAM	1	49	19.28	19.35	19.02		
10	16QAM	25	0	19.22	19.26	19.08		
10	16QAM	25	12	19.33	19.28	19.09	21	0
10	16QAM	25	25	19.28	19.36	19.03		
10	16QAM	50	0	19.30	19.30	19.12		
10	64QAM	1	0	19.33	19.32	19.13		
10	64QAM	1	25	19.25	19.32	19.12	21	0
10	64QAM	1	49	19.23	19.28	19.04		
10	64QAM	25	0	19.33	19.31	19.05		
10	64QAM	25	12	19.26	19.36	19.13	21	0
10	64QAM	25	25	19.35	19.37	19.07		
10	64QAM	50	0	19.22	19.27	19.02		
10	256QAM	1	0	17.09	17.23	17.22		
10	256QAM	1	25	17.22	17.08	17.01	19	2
10	256QAM	1	49	17.21	17.20	17.08		
10	256QAM	25	0	17.37	17.46	17.44		
10	256QAM	25	12	17.34	17.29	17.21	19	2
10	256QAM	25	25	17.37	17.25	17.36		
10	256QAM	50	0	17.31	17.37	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.28	19.23	19.02		
5	QPSK	1	12	19.22	19.33	19.15	21	0
5	QPSK	1	24	19.25	19.27	19.07		
5	QPSK	12	0	19.29	19.32	19.01		
5	QPSK	12	7	19.23	19.34	19.06	21	0
5	QPSK	12	13	19.29	19.28	19.02		
5	QPSK	25	0	19.27	19.28	19.15		
5	16QAM	1	0	19.32	19.31	19.11		
5	16QAM	1	12	19.29	19.30	19.14	21	0
5	16QAM	1	24	19.30	19.27	19.07		
5	16QAM	12	0	19.29	19.30	19.13		
5	16QAM	12	7	19.30	19.34	19.01	21	0
5	16QAM	12	13	19.26	19.28	19.02		
5	16QAM	25	0	19.24	19.33	19.12		
5	64QAM	1	0	19.34	19.27	19.11		
5	64QAM	1	12	19.30	19.29	19.06	21	0
5	64QAM	1	24	19.25	19.36	19.08		
5	64QAM	12	0	19.27	19.24	19.06		
5	64QAM	12	7	19.25	19.36	19.04	21	0
5	64QAM	12	13	19.30	19.35	19.14		
5	64QAM	25	0	19.26	19.25	19.13		
5	256QAM	1	0	17.07	17.25	17.16		
5	256QAM	1	12	17.09	17.20	17.13	19	2
5	256QAM	1	24	17.21	17.14	17.11		
5	256QAM	12	0	17.45	17.39	17.50		
5	256QAM	12	7	17.37	17.29	17.26	19	2
5	256QAM	12	13	17.23	17.32	17.40		
5	256QAM	25	0	17.31	17.26	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.31	17.40	17.29	18.5	0
20	QPSK	1	49	17.17	17.27	17.14		
20	QPSK	1	99	17.27	17.24	17.23		
20	QPSK	50	0	17.30	17.38	17.25		
20	QPSK	50	24	17.21	17.31	17.17	18.5	0
20	QPSK	50	50	17.16	17.26	17.10		
20	QPSK	100	0	17.28	17.36	17.24		
20	16QAM	1	0	17.24	17.30	17.16		
20	16QAM	1	49	17.29	17.35	17.10	18.5	0
20	16QAM	1	99	17.22	17.37	17.12		
20	16QAM	50	0	17.25	17.25	17.19		
20	16QAM	50	24	17.19	17.31	17.15	18.5	0
20	16QAM	50	50	17.27	17.36	17.14		
20	16QAM	100	0	17.22	17.23	17.13		
20	64QAM	1	0	17.16	17.24	17.23		
20	64QAM	1	49	17.15	17.30	17.10	18.5	0
20	64QAM	1	99	17.16	17.23	17.19		
20	64QAM	50	0	17.20	17.34	17.20		
20	64QAM	50	24	17.29	17.24	17.21	18.5	0
20	64QAM	50	50	17.24	17.30	17.13		
20	64QAM	100	0	17.29	17.29	17.20		
20	256QAM	1	0	17.29	17.34	17.19		
20	256QAM	1	49	17.18	17.26	17.11	18.5	0
20	256QAM	1	99	17.29	17.25	17.11		
20	256QAM	50	0	17.20	17.32	17.16		
20	256QAM	50	24	17.16	17.37	17.13	18.5	0
20	256QAM	50	50	17.29	17.35	17.23		
20	256QAM	100	0	17.19	17.24	17.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.23	17.28	17.22		
15	QPSK	1	37	17.21	17.32	17.12	18.5	0
15	QPSK	1	74	17.19	17.27	17.23		
15	QPSK	36	0	17.26	17.33	17.11		
15	QPSK	36	20	17.28	17.37	17.12	18.5	0
15	QPSK	36	39	17.27	17.25	17.13		
15	QPSK	75	0	17.25	17.23	17.23		
15	16QAM	1	0	17.25	17.31	17.23		
15	16QAM	1	37	17.15	17.35	17.19	18.5	0
15	16QAM	1	74	17.22	17.24	17.18		
15	16QAM	36	0	17.18	17.27	17.19		
15	16QAM	36	20	17.27	17.36	17.10	18.5	0
15	16QAM	36	39	17.26	17.29	17.11		
15	16QAM	75	0	17.19	17.23	17.19		
15	64QAM	1	0	17.20	17.34	17.10		
15	64QAM	1	37	17.17	17.24	17.21	18.5	0
15	64QAM	1	74	17.19	17.33	17.10		
15	64QAM	36	0	17.23	17.27	17.24		
15	64QAM	36	20	17.25	17.33	17.22	18.5	0
15	64QAM	36	39	17.19	17.28	17.18		
15	64QAM	75	0	17.22	17.25	17.18		
15	256QAM	1	0	17.26	17.31	17.23		
15	256QAM	1	37	17.16	17.37	17.20	18.5	0
15	256QAM	1	74	17.24	17.25	17.20		
15	256QAM	36	0	17.19	17.27	17.21		
15	256QAM	36	20	17.15	17.31	17.20	18.5	0
15	256QAM	36	39	17.22	17.27	17.14		
15	256QAM	75	0	17.18	17.33	17.13		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.19	17.26	17.10		
10	QPSK	1	25	17.23	17.30	17.20	18.5	0
10	QPSK	1	49	17.24	17.31	17.17		
10	QPSK	25	0	17.28	17.33	17.20		
10	QPSK	25	12	17.26	17.36	17.12	18.5	0
10	QPSK	25	25	17.18	17.28	17.22		
10	QPSK	50	0	17.20	17.27	17.19		
10	16QAM	1	0	17.15	17.30	17.12		
10	16QAM	1	25	17.16	17.27	17.22	18.5	0
10	16QAM	1	49	17.24	17.37	17.12		
10	16QAM	25	0	17.28	17.34	17.17		
10	16QAM	25	12	17.25	17.24	17.17	18.5	0
10	16QAM	25	25	17.27	17.32	17.22		
10	16QAM	50	0	17.20	17.24	17.22		
10	64QAM	1	0	17.19	17.36	17.10		
10	64QAM	1	25	17.23	17.34	17.15	18.5	0
10	64QAM	1	49	17.25	17.35	17.10		
10	64QAM	25	0	17.24	17.25	17.22		
10	64QAM	25	12	17.19	17.28	17.10	18.5	0
10	64QAM	25	25	17.19	17.24	17.13		
10	64QAM	50	0	17.15	17.24	17.11		
10	256QAM	1	0	17.23	17.26	17.11		
10	256QAM	1	25	17.22	17.26	17.16	18.5	0
10	256QAM	1	49	17.21	17.25	17.15		
10	256QAM	25	0	17.27	17.34	17.18		
10	256QAM	25	12	17.22	17.32	17.12	18.5	0
10	256QAM	25	25	17.18	17.28	17.21		
10	256QAM	50	0	17.16	17.31	17.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.15	17.37	17.23		
5	QPSK	1	12	17.18	17.34	17.13	18.5	0
5	QPSK	1	24	17.19	17.32	17.11		
5	QPSK	12	0	17.19	17.27	17.12		
5	QPSK	12	7	17.18	17.23	17.11	18.5	0
5	QPSK	12	13	17.26	17.37	17.18		
5	QPSK	25	0	17.19	17.32	17.20		
5	16QAM	1	0	17.18	17.35	17.10		
5	16QAM	1	12	17.27	17.28	17.20	18.5	0
5	16QAM	1	24	17.23	17.23	17.15		
5	16QAM	12	0	17.19	17.34	17.21		
5	16QAM	12	7	17.25	17.28	17.11	18.5	0
5	16QAM	12	13	17.25	17.27	17.19		
5	16QAM	25	0	17.20	17.28	17.10		
5	64QAM	1	0	17.29	17.36	17.17		
5	64QAM	1	12	17.15	17.29	17.11	18.5	0
5	64QAM	1	24	17.19	17.30	17.15		
5	64QAM	12	0	17.18	17.23	17.14		
5	64QAM	12	7	17.17	17.30	17.15	18.5	0
5	64QAM	12	13	17.18	17.26	17.22		
5	64QAM	25	0	17.22	17.35	17.20		
5	256QAM	1	0	17.22	17.37	17.10		
5	256QAM	1	12	17.28	17.27	17.15	18.5	0
5	256QAM	1	24	17.29	17.33	17.19		
5	256QAM	12	0	17.27	17.23	17.19		
5	256QAM	12	7	17.29	17.34	17.13	18.5	0
5	256QAM	12	13	17.24	17.25	17.10		
5	256QAM	25	0	17.29	17.36	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.83	21.85	21.58	23	0
20	QPSK	1	49	21.82	21.65	21.43		
20	QPSK	1	99	21.61	21.59	21.38		
20	QPSK	50	0	20.79	20.80	20.52	22	1
20	QPSK	50	24	20.73	20.63	20.42		
20	QPSK	50	50	20.70	20.61	20.37		
20	QPSK	100	0	20.73	20.75	20.47		
20	16QAM	1	0	20.76	20.75	20.58	22	1
20	16QAM	1	49	20.79	20.72	20.42		
20	16QAM	1	99	20.63	20.61	20.35		
20	16QAM	50	0	19.77	19.69	19.46	21	2
20	16QAM	50	24	19.72	19.65	19.43		
20	16QAM	50	50	19.67	19.60	19.37		
20	16QAM	100	0	19.70	19.65	19.42		
20	64QAM	1	0	19.49	19.49	19.23	21	2
20	64QAM	1	49	19.54	19.43	19.18		
20	64QAM	1	99	19.39	19.30	19.11		
20	64QAM	50	0	18.75	18.67	18.48	20	3
20	64QAM	50	24	18.69	18.64	18.43		
20	64QAM	50	50	18.68	18.59	18.38		
20	64QAM	100	0	18.70	18.64	18.41		
20	256QAM	1	0	16.55	16.50	16.46	18	5
20	256QAM	1	49	16.54	16.47	16.51		
20	256QAM	1	99	16.42	16.43	16.40		
20	256QAM	50	0	16.69	16.68	16.74	18	5
20	256QAM	50	24	16.72	16.65	16.73		
20	256QAM	50	50	16.58	16.64	16.61		
20	256QAM	100	0	16.68	16.60	16.68		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.73	21.78	21.51	23	0
15	QPSK	1	37	21.72	21.59	21.33		
15	QPSK	1	74	21.54	21.48	21.34		
15	QPSK	36	0	20.74	20.78	20.43	22	1
15	QPSK	36	20	20.71	20.59	20.33		
15	QPSK	36	39	20.62	20.52	20.32		
15	QPSK	75	0	20.69	20.65	20.38		
15	16QAM	1	0	20.70	20.64	20.55	22	1
15	16QAM	1	37	20.70	20.66	20.37		
15	16QAM	1	74	20.55	20.56	20.27		
15	16QAM	36	0	19.69	19.61	19.43	21	2
15	16QAM	36	20	19.65	19.60	19.36		
15	16QAM	36	39	19.56	19.57	19.26		
15	16QAM	75	0	19.65	19.56	19.35		
15	64QAM	1	0	19.47	19.42	19.15	21	2
15	64QAM	1	37	19.49	19.35	19.13		
15	64QAM	1	74	19.30	19.25	19.04		
15	64QAM	36	0	18.73	18.61	18.45	20	3
15	64QAM	36	20	18.59	18.59	18.38		
15	64QAM	36	39	18.59	18.48	18.34		
15	64QAM	75	0	18.68	18.58	18.36		
15	256QAM	1	0	16.63	16.51	16.38	18	5
15	256QAM	1	37	16.48	16.50	16.45		
15	256QAM	1	74	16.40	16.44	16.36		
15	256QAM	36	0	16.77	16.71	16.67	18	5
15	256QAM	36	20	16.71	16.67	16.77		
15	256QAM	36	39	16.53	16.72	16.64		
15	256QAM	75	0	16.67	16.68	16.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.80	21.80	21.56	23	0
10	QPSK	1	25	21.76	21.61	21.35		
10	QPSK	1	49	21.51	21.51	21.30		
10	QPSK	25	0	20.71	20.72	20.50	22	1
10	QPSK	25	12	20.67	20.57	20.37		
10	QPSK	25	25	20.62	20.50	20.26		
10	QPSK	50	0	20.67	20.73	20.38		
10	16QAM	1	0	20.70	20.64	20.50	22	1
10	16QAM	1	25	20.69	20.62	20.35		
10	16QAM	1	49	20.59	20.51	20.24		
10	16QAM	25	0	19.71	19.61	19.38	21	2
10	16QAM	25	12	19.61	19.63	19.39		
10	16QAM	25	25	19.62	19.58	19.36		
10	16QAM	50	0	19.61	19.58	19.38		
10	64QAM	1	0	19.41	19.41	19.19	21	2
10	64QAM	1	25	19.48	19.33	19.12		
10	64QAM	1	49	19.37	19.21	19.00		
10	64QAM	25	0	18.72	18.64	18.39	20	3
10	64QAM	25	12	18.63	18.57	18.39		
10	64QAM	25	25	18.63	18.54	18.32		
10	64QAM	50	0	18.61	18.55	18.38		
10	256QAM	1	0	16.49	16.56	16.38	18	5
10	256QAM	1	25	16.52	16.43	16.43		
10	256QAM	1	49	16.50	16.48	16.37		
10	256QAM	25	0	16.75	16.60	16.76	18	5
10	256QAM	25	12	16.75	16.66	16.75		
10	256QAM	25	25	16.55	16.61	16.64		
10	256QAM	50	0	16.63	16.53	16.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.51	23	0
5	QPSK	1	12	21.76	21.61	21.34		
5	QPSK	1	24	21.58	21.56	21.34		
5	QPSK	12	0	20.73	20.73	20.41	22	1
5	QPSK	12	7	20.68	20.61	20.34		
5	QPSK	12	13	20.66	20.56	20.32		
5	QPSK	25	0	20.68	20.65	20.44		
5	16QAM	1	0	20.68	20.66	20.51	22	1
5	16QAM	1	12	20.77	20.64	20.34		
5	16QAM	1	24	20.57	20.54	20.32		
5	16QAM	12	0	19.68	19.58	19.38	21	2
5	16QAM	12	7	19.65	19.59	19.40		
5	16QAM	12	13	19.62	19.51	19.29		
5	16QAM	25	0	19.63	19.63	19.34		
5	64QAM	1	0	19.38	19.44	19.14	21	2
5	64QAM	1	12	19.50	19.37	19.13		
5	64QAM	1	24	19.33	19.19	19.07		
5	64QAM	12	0	18.65	18.65	18.44	20	3
5	64QAM	12	7	18.60	18.58	18.35		
5	64QAM	12	13	18.63	18.48	18.35		
5	64QAM	25	0	18.66	18.53	18.36		
5	256QAM	1	0	16.54	16.47	16.52	18	5
5	256QAM	1	12	16.48	16.51	16.45		
5	256QAM	1	24	16.50	16.51	16.44		
5	256QAM	12	0	16.63	16.71	16.70	18	5
5	256QAM	12	7	16.64	16.67	16.70		
5	256QAM	12	13	16.57	16.60	16.57		
5	256QAM	25	0	16.67	16.64	16.64		

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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	19.59	19.68	19.60	19.64	20.7	0
20	QPSK	1	49	19.46	19.64	19.48	19.56		
20	QPSK	1	99	19.51	19.50	19.56	19.61		
20	QPSK	50	0	19.58	19.65	19.58	19.62	20.7	0
20	QPSK	50	24	19.53	19.62	19.57	19.55		
20	QPSK	50	50	19.56	19.53	19.57	19.59		
20	QPSK	100	0	19.56	19.63	19.56	19.60		
20	16QAM	1	0	19.54	19.63	19.44	19.61	20.7	0
20	16QAM	1	49	19.47	19.56	19.44	19.51		
20	16QAM	1	99	19.51	19.63	19.54	19.50		
20	16QAM	50	0	19.48	19.60	19.57	19.60	20.7	0
20	16QAM	50	24	19.49	19.54	19.47	19.61		
20	16QAM	50	50	19.44	19.54	19.52	19.60		
20	16QAM	100	0	19.54	19.62	19.53	19.57		
20	64QAM	1	0	19.48	19.57	19.57	19.47	20.7	0
20	64QAM	1	49	19.46	19.61	19.55	19.49		
20	64QAM	1	99	19.44	19.56	19.49	19.47		
20	64QAM	50	0	19.45	19.61	19.55	19.52	20.7	0
20	64QAM	50	24	19.50	19.50	19.57	19.47		
20	64QAM	50	50	19.49	19.52	19.53	19.60		
20	64QAM	100	0	19.53	19.60	19.43	19.60		
20	256QAM	1	0	19.04	19.25	19.04	19.00	20.2	0.5
20	256QAM	1	49	19.00	19.24	18.99	19.03		
20	256QAM	1	99	19.20	19.37	19.17	19.20		
20	256QAM	50	0	19.22	19.45	19.27	19.22	20.2	0.5
20	256QAM	50	24	19.22	19.47	19.27	19.24		
20	256QAM	50	50	19.30	19.50	19.24	19.33		
20	256QAM	100	0	19.19	19.41	19.20	19.23		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.48	19.52	19.53	19.49	20.7	0
15	QPSK	1	37	19.48	19.57	19.47	19.51		
15	QPSK	1	74	19.53	19.62	19.49	19.50		
15	QPSK	36	0	19.44	19.55	19.52	19.50	20.7	0
15	QPSK	36	20	19.47	19.52	19.45	19.51		
15	QPSK	36	39	19.47	19.52	19.44	19.47		
15	QPSK	75	0	19.48	19.57	19.55	19.58		
15	16QAM	1	0	19.55	19.53	19.55	19.60	20.7	0
15	16QAM	1	37	19.48	19.51	19.50	19.56		
15	16QAM	1	74	19.45	19.62	19.54	19.57		
15	16QAM	36	0	19.43	19.59	19.55	19.51	20.7	0
15	16QAM	36	20	19.49	19.53	19.54	19.58		
15	16QAM	36	39	19.50	19.61	19.57	19.49		
15	16QAM	75	0	19.45	19.59	19.45	19.55		
15	64QAM	1	0	19.49	19.57	19.57	19.49	20.7	0
15	64QAM	1	37	19.50	19.57	19.48	19.56		
15	64QAM	1	74	19.44	19.63	19.43	19.54		
15	64QAM	36	0	19.54	19.54	19.45	19.52	20.7	0
15	64QAM	36	20	19.50	19.51	19.46	19.50		
15	64QAM	36	39	19.46	19.54	19.45	19.50		
15	64QAM	75	0	19.48	19.55	19.53	19.53		
15	256QAM	1	0	19.01	19.16	19.02	18.89	20.2	0.5
15	256QAM	1	37	18.96	19.15	18.92	18.98		
15	256QAM	1	74	19.16	19.26	19.11	19.15		
15	256QAM	36	0	19.15	19.43	19.16	19.20	20.2	0.5
15	256QAM	36	20	19.20	19.40	19.22	19.16		
15	256QAM	36	39	19.19	19.42	19.22	19.27		
15	256QAM	75	0	19.08	19.34	19.12	19.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.55	19.62	19.43	19.55	20.7	0
10	QPSK	1	25	19.45	19.52	19.57	19.60		
10	QPSK	1	49	19.52	19.51	19.52	19.53		
10	QPSK	25	0	19.46	19.57	19.48	19.51	20.7	0
10	QPSK	25	12	19.50	19.56	19.55	19.59		
10	QPSK	25	25	19.56	19.59	19.57	19.51		
10	QPSK	50	0	19.56	19.55	19.45	19.53		
10	16QAM	1	0	19.57	19.50	19.54	19.53	20.7	0
10	16QAM	1	25	19.57	19.60	19.50	19.49		
10	16QAM	1	49	19.45	19.58	19.48	19.59		
10	16QAM	25	0	19.54	19.64	19.55	19.60	20.7	0
10	16QAM	25	12	19.45	19.52	19.56	19.56		
10	16QAM	25	25	19.43	19.50	19.50	19.60		
10	16QAM	50	0	19.53	19.58	19.50	19.52		
10	64QAM	1	0	19.55	19.57	19.43	19.49	20.7	0
10	64QAM	1	25	19.49	19.53	19.54	19.55		
10	64QAM	1	49	19.43	19.54	19.55	19.61		
10	64QAM	25	0	19.51	19.54	19.55	19.50	20.7	0
10	64QAM	25	12	19.47	19.57	19.46	19.54		
10	64QAM	25	25	19.48	19.52	19.54	19.48		
10	64QAM	50	0	19.51	19.52	19.47	19.56		
10	256QAM	1	0	18.93	19.21	19.02	18.94	20.2	0.5
10	256QAM	1	25	18.97	19.16	18.94	19.01		
10	256QAM	1	49	19.10	19.33	19.15	19.17		
10	256QAM	25	0	19.17	19.43	19.21	19.13	20.2	0.5
10	256QAM	25	12	19.11	19.45	19.25	19.22		
10	256QAM	25	25	19.22	19.45	19.17	19.28		
10	256QAM	50	0	19.16	19.30	19.18	19.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.53	19.56	19.55	19.52	20.7	0
5	QPSK	1	12	19.57	19.60	19.45	19.47		
5	QPSK	1	24	19.47	19.62	19.49	19.61		
5	QPSK	12	0	19.56	19.58	19.50	19.53	20.7	0
5	QPSK	12	7	19.47	19.54	19.46	19.47		
5	QPSK	12	13	19.53	19.58	19.51	19.51		
5	QPSK	25	0	19.52	19.56	19.54	19.51		
5	16QAM	1	0	19.47	19.59	19.51	19.50	20.7	0
5	16QAM	1	12	19.47	19.54	19.44	19.58		
5	16QAM	1	24	19.54	19.58	19.50	19.55		
5	16QAM	12	0	19.50	19.56	19.49	19.52	20.7	0
5	16QAM	12	7	19.45	19.55	19.48	19.57		
5	16QAM	12	13	19.48	19.54	19.54	19.47		
5	16QAM	25	0	19.47	19.52	19.57	19.59		
5	64QAM	1	0	19.55	19.57	19.56	19.55	20.7	0
5	64QAM	1	12	19.44	19.56	19.53	19.57		
5	64QAM	1	24	19.55	19.52	19.43	19.54		
5	64QAM	12	0	19.46	19.51	19.46	19.55	20.7	0
5	64QAM	12	7	19.46	19.53	19.57	19.47		
5	64QAM	12	13	19.44	19.58	19.54	19.58		
5	64QAM	25	0	19.47	19.62	19.54	19.59		
5	256QAM	1	0	19.01	19.18	18.96	18.98	20.2	0.5
5	256QAM	1	12	18.94	19.16	18.93	18.92		
5	256QAM	1	24	19.09	19.28	19.09	19.10		
5	256QAM	12	0	19.12	19.43	19.25	19.12	20.2	0.5
5	256QAM	12	7	19.14	19.45	19.21	19.18		
5	256QAM	12	13	19.26	19.42	19.18	19.28		
5	256QAM	25	0	19.12	19.37	19.11	19.20		

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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	20.20	20.22	19.91	19.89	21.5	0
20	QPSK	1	49	19.85	19.98	19.85	19.83		
20	QPSK	1	99	19.89	19.90	19.82	19.84		
20	QPSK	50	0	19.93	20.00	19.90	19.86	21.5	0
20	QPSK	50	24	19.84	19.94	19.82	19.76		
20	QPSK	50	50	19.86	19.91	19.79	19.82		
20	QPSK	100	0	19.91	19.98	19.88	19.83		
20	16QAM	1	0	19.91	19.96	19.85	19.80	21.5	0
20	16QAM	1	49	19.84	19.91	19.88	19.80		
20	16QAM	1	99	19.84	19.90	19.81	19.75		
20	16QAM	50	0	19.39	19.44	19.34	19.28	21	0.5
20	16QAM	50	24	19.40	19.41	19.34	19.28		
20	16QAM	50	50	19.41	19.40	19.29	19.27		
20	16QAM	100	0	19.40	19.40	19.35	19.27		
20	64QAM	1	0	19.08	19.23	19.19	19.13	21	0.5
20	64QAM	1	49	19.00	19.22	19.16	19.14		
20	64QAM	1	99	19.08	19.16	19.13	19.12		
20	64QAM	50	0	18.14	18.41	18.38	18.32	20	1.5
20	64QAM	50	24	18.18	18.42	18.39	18.34		
20	64QAM	50	50	18.18	18.46	18.43	18.38		
20	64QAM	100	0	18.18	18.41	18.37	18.30		
20	256QAM	1	0	16.05	16.23	16.19	16.15	18	3.5
20	256QAM	1	49	16.08	16.27	16.19	16.19		
20	256QAM	1	99	16.13	16.36	16.33	16.33		
20	256QAM	50	0	16.21	16.45	16.41	16.41	18	3.5
20	256QAM	50	24	16.24	16.46	16.37	16.43		
20	256QAM	50	50	16.22	16.51	16.49	16.43		
20	256QAM	100	0	16.20	16.41	16.31	16.39		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.87	19.98	19.86	19.87	21.5	0
15	QPSK	1	37	19.79	19.90	19.80	19.73		
15	QPSK	1	74	19.78	19.88	19.76	19.79		
15	QPSK	36	0	19.88	19.89	19.83	19.82	21.5	0
15	QPSK	36	20	19.77	19.91	19.76	19.65		
15	QPSK	36	39	19.84	19.82	19.76	19.79		
15	QPSK	75	0	19.85	19.87	19.78	19.81		
15	16QAM	1	0	19.82	19.93	19.83	19.70	21.5	0
15	16QAM	1	37	19.76	19.80	19.83	19.69		
15	16QAM	1	74	19.77	19.79	19.70	19.70		
15	16QAM	36	0	19.35	19.40	19.31	19.17	21	0.5
15	16QAM	36	20	19.33	19.33	19.25	19.21		
15	16QAM	36	39	19.37	19.30	19.19	19.23		
15	16QAM	75	0	19.37	19.38	19.27	19.24		
15	64QAM	1	0	19.02	19.16	19.11	19.05	21	0.5
15	64QAM	1	37	19.06	19.18	19.10	19.03		
15	64QAM	1	74	19.01	19.06	19.11	19.08		
15	64QAM	36	0	18.05	18.33	18.27	18.24	20	1.5
15	64QAM	36	20	18.11	18.40	18.32	18.30		
15	64QAM	36	39	18.10	18.44	18.34	18.35		
15	64QAM	75	0	18.13	18.36	18.34	18.21		
15	256QAM	1	0	16.08	16.19	16.14	16.08	18	3.5
15	256QAM	1	37	16.05	16.23	16.09	16.12		
15	256QAM	1	74	16.04	16.30	16.29	16.23		
15	256QAM	36	0	16.19	16.40	16.32	16.36	18	3.5
15	256QAM	36	20	16.21	16.36	16.34	16.40		
15	256QAM	36	39	16.16	16.41	16.40	16.37		
15	256QAM	75	0	16.10	16.39	16.25	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.90	20.00	19.80	19.87	21.5	0
10	QPSK	1	25	19.79	19.96	19.79	19.78		
10	QPSK	1	49	19.85	19.82	19.78	19.80		
10	QPSK	25	0	19.84	19.94	19.88	19.76	21.5	0
10	QPSK	25	12	19.75	19.91	19.80	19.68		
10	QPSK	25	25	19.79	19.86	19.71	19.77		
10	QPSK	50	0	19.88	19.90	19.78	19.77		
10	16QAM	1	0	19.83	19.92	19.74	19.78	21.5	0
10	16QAM	1	25	19.74	19.83	19.85	19.75		
10	16QAM	1	49	19.79	19.84	19.79	19.65		
10	16QAM	25	0	19.28	19.37	19.28	19.26	21	0.5
10	16QAM	25	12	19.31	19.32	19.23	19.23		
10	16QAM	25	25	19.13	19.37	19.23	19.19		
10	16QAM	50	0	19.38	19.30	19.29	19.24		
10	64QAM	1	0	19.05	19.17	19.11	19.08	21	0.5
10	64QAM	1	25	19.10	19.18	19.14	19.11		
10	64QAM	1	49	19.03	19.13	19.03	19.07		
10	64QAM	25	0	18.09	18.32	18.30	18.28	20	1.5
10	64QAM	25	12	18.13	18.33	18.32	18.29		
10	64QAM	25	25	18.07	18.43	18.39	18.32		
10	64QAM	50	0	18.07	18.35	18.27	18.27		
10	256QAM	1	0	16.11	16.16	16.15	16.08	18	3.5
10	256QAM	1	25	16.07	16.17	16.09	16.10		
10	256QAM	1	49	16.08	16.30	16.26	16.28		
10	256QAM	25	0	16.11	16.40	16.39	16.32	18	3.5
10	256QAM	25	12	16.20	16.42	16.29	16.40		
10	256QAM	25	25	16.11	16.40	16.47	16.38		
10	256QAM	50	0	16.10	16.38	16.29	16.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.88	19.93	19.80	19.78	21.5	0
5	QPSK	1	12	19.74	19.90	19.77	19.73		
5	QPSK	1	24	19.80	19.84	19.72	19.79		
5	QPSK	12	0	19.83	19.90	19.81	19.83	21.5	0
5	QPSK	12	7	19.77	19.87	19.79	19.74		
5	QPSK	12	13	19.82	19.88	19.71	19.72		
5	QPSK	25	0	19.81	19.87	19.85	19.81		
5	16QAM	1	0	19.86	19.91	19.79	19.70	21.5	0
5	16QAM	1	12	19.82	19.84	19.79	19.71		
5	16QAM	1	24	19.75	19.81	19.77	19.67		
5	16QAM	12	0	19.35	19.42	19.29

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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	16.65	16.83	16.75	16.72	18.5	0
20	QPSK	1	49	16.57	16.79	16.66	16.57		
20	QPSK	1	99	16.52	16.70	16.71	16.64		
20	QPSK	50	0	16.63	16.82	16.73	16.71	18.5	0
20	QPSK	50	24	16.56	16.75	16.62	16.67		
20	QPSK	50	50	16.56	16.72	16.62	16.61		
20	QPSK	100	0	16.62	16.80	16.72	16.70		
20	16QAM	1	0	16.61	16.69	16.65	16.57	18.5	0
20	16QAM	1	49	16.56	16.68	16.62	16.67		
20	16QAM	1	99	16.56	16.67	16.58	16.67		
20	16QAM	50	0	16.59	16.80	16.58	16.58	18.5	0
20	16QAM	50	24	16.56	16.75	16.67	16.57		
20	16QAM	50	50	16.57	16.74	16.71	16.63		
20	16QAM	100	0	16.54	16.68	16.62	16.67		
20	64QAM	1	0	16.52	16.74	16.60	16.57	18.5	0
20	64QAM	1	49	16.62	16.76	16.63	16.65		
20	64QAM	1	99	16.53	16.75	16.71	16.67		
20	64QAM	50	0	16.51	16.77	16.72	16.68	18.5	0
20	64QAM	50	24	16.55	16.76	16.59	16.59		
20	64QAM	50	50	16.60	16.73	16.64	16.59		
20	64QAM	100	0	16.53	16.69	16.68	16.67		
20	256QAM	1	0	16.54	16.75	16.61	16.58	18.5	0
20	256QAM	1	49	16.54	16.74	16.68	16.69		
20	256QAM	1	99	16.56	16.67	16.69	16.57		
20	256QAM	50	0	16.54	16.68	16.66	16.61	18.5	0
20	256QAM	50	24	16.62	16.79	16.58	16.62		
20	256QAM	50	50	16.50	16.81	16.65	16.70		
20	256QAM	100	0	16.58	16.79	16.61	16.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.63	16.78	16.58	16.59	18.5	0
15	QPSK	1	37	16.55	16.80	16.67	16.57		
15	QPSK	1	74	16.59	16.75	16.70	16.68		
15	QPSK	36	0	16.61	16.73	16.67	16.60	18.5	0
15	QPSK	36	20	16.61	16.71	16.66	16.65		
15	QPSK	36	39	16.51	16.80	16.58	16.60		
15	QPSK	75	0	16.50	16.73	16.63	16.69		
15	16QAM	1	0	16.60	16.79	16.61	16.68	18.5	0
15	16QAM	1	37	16.62	16.80	16.58	16.70		
15	16QAM	1	74	16.56	16.73	16.59	16.65		
15	16QAM	36	0	16.63	16.71	16.65	16.64	18.5	0
15	16QAM	36	20	16.51	16.74	16.58	16.56		
15	16QAM	36	39	16.60	16.77	16.59	16.58		
15	16QAM	75	0	16.51	16.77	16.67	16.61		
15	64QAM	1	0	16.54	16.81	16.70	16.67	18.5	0
15	64QAM	1	37	16.63	16.72	16.72	16.67		
15	64QAM	1	74	16.60	16.78	16.71	16.69		
15	64QAM	36	0	16.63	16.75	16.61	16.63	18.5	0
15	64QAM	36	20	16.59	16.72	16.67	16.62		
15	64QAM	36	39	16.52	16.77	16.68	16.69		
15	64QAM	75	0	16.55	16.78	16.63	16.68		
15	256QAM	1	0	16.54	16.72	16.65	16.63	18.5	0
15	256QAM	1	37	16.54	16.75	16.65	16.67		
15	256QAM	1	74	16.62	16.80	16.61	16.57		
15	256QAM	36	0	16.62	16.71	16.72	16.68	18.5	0
15	256QAM	36	20	16.62	16.69	16.62	16.69		
15	256QAM	36	39	16.57	16.76	16.60	16.62		
15	256QAM	75	0	16.53	16.76	16.69	16.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.54	16.77	16.64	16.58	18.5	0
10	QPSK	1	25	16.50	16.75	16.71	16.56		
10	QPSK	1	49	16.54	16.69	16.60	16.61		
10	QPSK	25	0	16.57	16.73	16.69	16.66	18.5	0
10	QPSK	25	12	16.61	16.70	16.59	16.64		
10	QPSK	25	25	16.53	16.71	16.71	16.70		
10	QPSK	50	0	16.53	16.79	16.72	16.70		
10	16QAM	1	0	16.60	16.79	16.68	16.66	18.5	0
10	16QAM	1	25	16.63	16.67	16.58	16.67		
10	16QAM	1	49	16.50	16.79	16.63	16.62		
10	16QAM	25	0	16.61	16.81	16.71	16.59	18.5	0
10	16QAM	25	12	16.63	16.68	16.67	16.59		
10	16QAM	25	25	16.56	16.76	16.61	16.68		
10	16QAM	50	0	16.64	16.78	16.60	16.69		
10	64QAM	1	0	16.62	16.68	16.64	16.61	18.5	0
10	64QAM	1	25	16.57	16.71	16.63	16.65		
10	64QAM	1	49	16.61	16.69	16.70	16.68		
10	64QAM	25	0	16.61	16.81	16.63	16.59	18.5	0
10	64QAM	25	12	16.54	16.81	16.66	16.59		
10	64QAM	25	25	16.63	16.68	16.64	16.70		
10	64QAM	50	0	16.51	16.68	16.60	16.61		
10	256QAM	1	0	16.59	16.68	16.63	16.61	18.5	0
10	256QAM	1	25	16.59	16.78	16.68	16.62		
10	256QAM	1	49	16.63	16.67	16.70	16.68		
10	256QAM	25	0	16.58	16.76	16.58	16.58	18.5	0
10	256QAM	25	12	16.62	16.67	16.58	16.59		
10	256QAM	25	25	16.55	16.79	16.69	16.67		
10	256QAM	50	0	16.61	16.79	16.66	16.70		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.50	16.76	16.66	16.69	18.5	0
5	QPSK	1	12	16.50	16.74	16.63	16.62		
5	QPSK	1	24	16.57	16.77	16.69	16.56		
5	QPSK	12	0	16.62	16.67	16.65	16.70	18.5	0
5	QPSK	12	7	16.60	16.80	16.64	16.64		
5	QPSK	12	13	16.54	16.80	16.59	16.60		
5	QPSK	25	0	16.57	16.68	16.63	16.64		
5	16QAM	1	0	16.64	16.78	16.69	16.62	18.5	0
5	16QAM	1	12	16.64	16.68	16.68	16.57		
5	16QAM	1	24	16.58	16.79	16.72	16.56		
5	16QAM	12	0	16.62	16.72	16.66	16.62	18.5	0
5	16QAM	12	7	16.63	16.74	16.59	16.66		
5	16QAM	12	13	16.62	16.79	16.68	16.58		
5	16QAM	25	0	16.51	16.77	16.58	16.67		
5	64QAM	1	0	16.64	16.76	16.69	16.60	18.5	0
5	64QAM	1	12	16.58	16.73	16.69	16.64		
5	64QAM	1	24	16.60	16.69	16.65	16.57		
5	64QAM	12	0	16.53	16.71	16.66	16.69	18.5	0
5	64QAM	12	7	16.52	16.74	16.68	16.56		
5	64QAM	12	13	16.53	16.75	16.64	16.63		
5	64QAM	25	0	16.60	16.80	16.70	16.59		
5	256QAM	1	0	16.51	16.68	16.70	16.66	18.5	0
5	256QAM	1	12	16.61	16.78	16.63	16.66		
5	256QAM	1	24	16.59	16.73	16.58	16.57		
5	256QAM	12	0	16.53	16.79	16.66	16.64	18.5	0
5	256QAM	12	7	16.60	16.68	16.65	16.63		
5	256QAM	12	13	16.55	16.69	16.71	16.56		
5	256QAM	25	0	16.50	16.70	16.60	16.62		

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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	20.63	20.78	20.68	20.71	22	0
20	QPSK	1	49	20.60	20.76	20.65	20.70		
20	QPSK	1	99	20.59	20.72	20.63	20.70		
20	QPSK	50	0	19.69	19.75	19.73	19.71	21	1
20	QPSK	50	24	19.58	19.68	19.60	19.65		
20	QPSK	50	50	19.62	19.67	19.65	19.58		
20	QPSK	100	0	19.62	19.68	19.62	19.58		
20	16QAM	1	0	19.58	19.67	19.65	19.60	21	1
20	16QAM	1	49	19.58	19.67	19.63	19.57		
20	16QAM	1	99	19.66	19.69	19.67	19.62		
20	16QAM	50	0	18.57	18.68	18.60	18.66	20	2
20	16QAM	50	24	18.57	18.66	18.63	18.62		
20	16QAM	50	50	18.70	18.72	18.61	18.67		
20	16QAM	100	0	18.65	18.67	18.57	18.56		
20	64QAM	1	0	18.29	18.31	18.29	18.22	20	2
20	64QAM	1	49	18.30	18.34	18.32	18.26		
20	64QAM	1	99	18.35	18.46	18.35	18.35		
20	64QAM	50	0	17.64	17.71	17.69	17.63	19	3
20	64QAM	50	24	17.56	17.67	17.56	17.59		
20	64QAM	50	50	17.64	17.73	17.65	17.71		
20	64QAM	100	0	17.61	17.66	17.58	17.60		
20	256QAM	1	0	15.41	15.51	15.46	15.46	17	5
20	256QAM	1	49	15.48	15.52	15.50	15.47		
20	256QAM	1	99	15.57	15.64	15.60	15.55		
20	256QAM	50	0	15.68	15.71	15.62	15.61	17	5
20	256QAM	50	24	15.66	15.73	15.65	15.67		
20	256QAM	50	50	15.67	15.77	15.66	15.73		
20	256QAM	100	0	15.63	15.67	15.58	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.58	20.68	20.58	20.62	22	0
15	QPSK	1	37	20.53	20.65	20.55	20.59		
15	QPSK	1	74	20.50	20.64	20.57	20.64		
15	QPSK	36	0	19.63	19.67	19.69	19.64	21	1
15	QPSK	36	20	19.50	19.57	19.52	19.56		
15	QPSK	36	39	19.53	19.60	19.60	19.55		
15	QPSK	75	0	19.60	19.64	19.57	19.51		
15	16QAM	1	0	19.55	19.64	19.57	19.53	21	1
15	16QAM	1	37	19.53	19.64	19.57	19.55		
15	16QAM	1	74	19.60	19.59	19.64	19.59		
15	16QAM	36	0	18.55	18.65	18.56	18.58	20	2
15	16QAM	36	20	18.50	18.64	18.53	18.52		
15	16QAM	36	39	18.68	18.70	18.52	18.64		
15	16QAM	75	0	18.54	18.57	18.50	18.53		
15	64QAM	1	0	18.18	18.23	18.21	18.16	20	2
15	64QAM	1	37	18.28	18.24	18.22	18.24		
15	64QAM	1	74	18.31	18.36	18.28	18.25		
15	64QAM	36	0	17.61	17.61	17.63	17.56	19	3
15	64QAM	36	20	17.50	17.59	17.45	17.50		
15	64QAM	36	39	17.62	17.68	17.62	17.62		
15	64QAM	75	0	17.51	17.59	17.47	17.53		
15	256QAM	1	0	15.30	15.40	15.42	15.37	17	5
15	256QAM	1	37	15.46	15.48	15.48	15.41		
15	256QAM	1	74	15.49	15.55	15.54	15.53		
15	256QAM	36	0	15.57	15.67	15.58	15.51	17	5
15	256QAM	36	20	15.64	15.67	15.60	15.58		
15	256QAM	36	39	15.62	15.72	15.59	15.66		
15	256QAM	75	0	15.53	15.60	15.55	15.57		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.57	20.76	20.61	20.67	22	0
10	QPSK	1	25	20.52	20.66	20.62	20.66		
10	QPSK	1	49	20.51	20.66	20.54	20.64		
10	QPSK	25	0	19.63	19.64	19.63	19.61	21	1
10	QPSK	25	12	19.55	19.65	19.57	19.60		
10	QPSK	25	25	19.58	19.65	19.57	19.47		
10	QPSK	50	0	19.55	19.60	19.57	19.50		
10	16QAM	1	0	19.52	19.60	19.56	19.50	21	1
10	16QAM	1	25	19.51	19.62	19.55	19.53		
10	16QAM	1	49	19.59	19.62	19.62	19.53		
10	16QAM	25	0	18.46	18.62	18.49	18.58	20	2
10	16QAM	25	12	18.54	18.58	18.53	18.56		
10	16QAM	25	25	18.68	18.61	18.51	18.65		
10	16QAM	50	0	18.57	18.65	18.53	18.45		
10	64QAM	1	0	18.27	18.28	18.26	18.20	20	2
10	64QAM	1	25	18.26	18.26	18.25	18.17		
10	64QAM	1	49	18.25	18.36	18.30	18.28		
10	64QAM	25	0	17.55	17.66	17.67	17.52	19	3
10	64QAM	25	12	17.50	17.61	17.48	17.56		
10	64QAM	25	25	17.61	17.65	17.62	17.66		
10	64QAM	50	0	17.58	17.61	17.53	17.55		
10	256QAM	1	0	15.30	15.46	15.44	15.38	17	5
10	256QAM	1	25	15.38	15.43	15.46	15.36		
10	256QAM	1	49	15.46	15.59	15.53	15.51		
10	256QAM	25	0	15.61	15.69	15.57	15.55	17	5
10	256QAM	25	12	15.61	15.65	15.59	15.63		
10	256QAM	25	25	15.65	15.74	15.63	15.65		
10	256QAM	50	0	15.58	15.65	15.50	15.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.60	20.73	20.57	20.61	22	0
5	QPSK	1	12	20.49	20.67	20.55	20.61		
5	QPSK	1	24	20.55	20.66	20.53	20.62		
5	QPSK	12	0	19.64	19.72	19.66	19.69	21	1
5	QPSK	12	7	19.53	19.60	19.57	19.56		
5	QPSK	12	13	19.59	19.61	19.60	19.48		
5	QPSK	25	0	19.54	19.59	19.60	19.50		
5	16QAM	1	0	19.54	19.64	19.59	19.53	21	1
5	16QAM	1	12	19.49	19.63	19.60	19.53		
5	16QAM	1	24	19.57	19.59	19.60	19.55		
5	16QAM	12	0	18.51	18.60	18.58	18.62	20	2
5	16QAM	12	7	18.48	18.59	18.54	18.57		
5	16QAM	12	13	18.61	18.68	18.51	18.64		
5	16QAM	25	0	18.56	18.58	18.49	18.46		
5	64QAM	1	0	18.23	18.23	18.21	18.20	20	2
5	64QAM	1	12	18.22	18.32	18.27	18.18		
5	64QAM	1	24	18.25	18.43	18.33	18.33		
5	64QAM	12	0	17.60	17.64	17.60	17.56	19	3
5	64QAM	12	7	17.48	17.59	17.53	17.57		
5	64QAM	12	13	17.55	17.66	17.55	17.69		
5	64QAM	25	0	17.55	17.57	17.50	17.52		
5	256QAM	1	0	15.31	15.41	15.44	15.44	17	5
5	256QAM	1	12	15.46	15.47	15.40	15.37		
5	256QAM	1	24	15.54	15.58	15.51	15.49		
5	256QAM	12	0	15.59	15.60	15.56	15.50	17	5
5	256QAM	12	7	15.58	15.62	15.54	15.58		
5	256QAM	12	13	15.60	15.70	15.61	15.66		
5	256QAM	25	0	15.57	15.62	15.52	15.51		

Reduced Power Mode for Main PA ECI3

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.46	32.68	32.66	**34.00**	23.46	23.68	23.66	**25.00**
GPRS 1 Tx slot		32.44	32.67	32.65	**34.00**	23.44	23.67	23.65	**25.00**
GPRS 2 Tx slots		29.63	29.85	29.83	**31.00**	23.63	23.85	23.83	**25.00**
GPRS 3 Tx slots		27.88	28.15	28.11	**29.20**	23.62	23.89	23.85	**24.94**
GPRS 4 Tx slots		26.56	26.76	26.73	**28.00**	23.56	23.76	23.73	**25.00**
EDGE 1 Tx slot		26.91	27.08	26.98	**28.00**	17.91	18.08	17.98	**19.00**
EDGE 2 Tx slots		23.73	23.89	23.79	**25.00**	17.73	17.89	17.79	**19.00**
EDGE 3 Tx slots		21.53	21.71	21.65	**23.20**	17.27	17.45	17.39	**18.94**
EDGE 4 Tx slots		20.15	20.27	20.26	**22.00**	17.15	17.27	17.26	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	29.63	29.78	29.76	**31.00**	23.60	23.75	23.77	**24.98**
	GPRS 1 Tx slot	29.61	29.77	29.82	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.62	29.86	29.68	**31.00**	23.55	23.77	23.66	**24.98**
	GPRS 1 Tx slot	29.52	29.72	29.69	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.85	28.16	28.15	**29.20**	23.57	23.87	23.90	**24.94**
	GPRS 2 Tx slots	27.82	28.12	28.16	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.85	29.85	**31.00**	21.60	21.76	21.73	**22.94**
	EDGE 1 Tx slot	23.51	23.67	23.52	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.64	29.94	29.77	**31.00**	21.55	21.81	21.65	**22.94**
	EDGE 1 Tx slot	23.49	23.56	23.45	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.94	28.24	28.09	**29.20**	20.46	20.73	20.58	**21.94**
	EDGE 2 Tx slots	21.24	21.47	21.31	**23.20**				

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		31.91	32.13	32.11	**33.50**	22.91	23.13	23.11	**24.50**
GPRS 1 Tx slot		31.89	32.11	32.10	**33.50**	22.89	23.11	23.10	**24.50**
GPRS 2 Tx slots		29.03	29.26	29.25	**30.50**	23.03	23.26	23.25	**24.50**
GPRS 3 Tx slots		27.34	27.55	27.53	**28.70**	23.08	23.29	23.27	**24.44**
GPRS 4 Tx slots		26.03	26.24	26.22	**27.50**	23.03	23.24	23.22	**24.50**
EDGE 1 Tx slot		26.33	26.56	26.41	**27.50**	17.33	17.56	17.41	**18.50**
EDGE 2 Tx slots		23.21	23.37	23.35	**24.50**	17.21	17.37	17.35	**18.50**
EDGE 3 Tx slots		21.08	21.13	21.11	**22.70**	16.82	16.87	16.85	**18.44**
EDGE 4 Tx slots		19.60	19.68	19.66	**21.50**	16.60	16.68	16.66	**18.50**
DTM Multi-slot class 5	GSM 1 Tx slot	28.87	29.12	29.20	**30.50**	22.89	23.08	23.18	**24.48**
	GPRS 1 Tx slot	28.95	29.09	29.20	**30.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	28.99	29.23	29.10	**30.50**	22.99	23.19	23.09	**24.48**
	GPRS 1 Tx slot	29.03	29.20	29.13	**30.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.42	27.51	27.59	**28.70**	23.13	23.29	23.36	**24.44**
	GPRS 2 Tx slots	27.37	27.57	27.63	**28.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.12	29.23	29.21	**30.50**	21.04	21.15	21.13	**22.44**
	EDGE 1 Tx slot	22.99	23.10	23.12	**24.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.11	29.21	29.22	**30.50**	21.02	21.13	21.14	**22.44**
	EDGE 1 Tx slot	22.94	23.12	23.10	**24.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.43	27.57	27.56	**28.70**	19.98	20.07	20.08	**21.44**
	EDGE 2 Tx slots	20.84	20.82	20.89	**22.70**				

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		30.09	30.31	30.23	**31.00**	21.09	21.31	21.23	**22.00**
GPRS 1 Tx slot		30.08	30.30	30.22	**31.00**	21.08	21.30	21.22	**22.00**
GPRS 2 Tx slots		27.15	27.34	27.31	**28.00**	21.15	21.34	21.31	**22.00**
GPRS 3 Tx slots		25.35	25.63	25.58	**26.20**	21.09	21.37	21.32	**21.94**
GPRS 4 Tx slots		24.09	24.32	24.28	**25.00**	21.09	21.32	21.28	**22.00**
EDGE 1 Tx slot		25.62	26.07	25.65	**27.00**	16.62	17.07	16.65	**18.00**
EDGE 2 Tx slots		22.22	22.53	22.21	**24.00**	16.22	16.53	16.21	**18.00**
EDGE 3 Tx slots		20.27	20.45	20.20	**22.20**	16.01	16.19	15.94	**17.94**
EDGE 4 Tx slots		19.11	19.15	19.09	**21.00**	16.11	16.15	16.09	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	27.17	27.28	27.20	**28.00**	21.14	21.23	21.24	**21.98**
	GPRS 1 Tx slot	27.15	27.23	27.32	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.10	27.36	27.32	**28.00**	21.05	21.33	21.29	**21.98**
	GPRS 1 Tx slot	27.04	27.35	27.30	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.41	25.74	25.66	**26.20**	21.13	21.45	21.37	**21.94**
	GPRS 2 Tx slots	25.38	25.70	25.61	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.19	27.36	27.37	**28.00**	19.31	19.50	19.45	**20.42**
	EDGE 1 Tx slot	22.01	22.28	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.13	27.29	27.30	**28.00**	19.26	19.43	19.40	**20.42**
	EDGE 1 Tx slot	22.00	22.18	22.02	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.37	25.58	25.56	**26.20**	18.40	18.54	18.53	**19.71**
	EDGE 2 Tx slots	20.20	20.22	20.21	**22.20**				

GSM1900_Ant 5		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.06	30.15	30.11	**31.00**	21.06	21.15	21.11	**22.00**
GPRS 1 Tx slot		30.05	30.13	30.09	**31.00**	21.05	21.13	21.09	**22.00**
GPRS 2 Tx slots		27.07	27.15	27.11	**28.00**	21.07	21.15	21.11	**22.00**
GPRS 3 Tx slots		25.31	25.43	25.39	**26.20**	21.05	21.17	21.13	**21.94**
GPRS 4 Tx slots		24.03	24.13	24.09	**25.00**	21.03	21.13	21.09	**22.00**
EDGE 1 Tx slot		25.71	26.15	25.68	**27.00**	16.71	17.15	16.68	**18.00**
EDGE 2 Tx slots		22.25	22.68	22.21	**24.00**	16.25	16.68	16.21	**18.00**
EDGE 3 Tx slots		20.28	20.36	20.25	**22.20**	16.02	16.10	15.99	**17.94**
EDGE 4 Tx slots		19.15	19.18	19.11	**21.00**	16.15	16.18	16.11	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	26.97	27.13	26.97	**28.00**	20.98	21.08	20.94	**21.98**
	GPRS 1 Tx slot	27.04	27.07	26.96	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.01	26.98	27.01	**28.00**	20.96	20.97	20.98	**21.98**
	GPRS 1 Tx slot	26.96	27.00	26.99	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.38	25.46	25.41	**26.20**	21.03	21.19	21.15	**21.94**
	GPRS 2 Tx slots	25.25	25.45	25.41	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.02	27.25	27.06	**28.00**	19.19	19.43	19.21	**20.42**
	EDGE 1 Tx slot	22.04	22.34	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.03	27.17	27.16	**28.00**	19.19	19.39	19.29	**20.42**
	EDGE 1 Tx slot	22.03	22.42	22.01	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.39	25.51	25.43	**26.20**	18.42	18.50	18.44	**19.71**
	EDGE 2 Tx slots	20.21	20.22	20.20	**22.20**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 5			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	23.69	23.73	23.70	**24.50**	22.67	22.70	22.68	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.71	23.75	23.73	**24.50**	22.70	22.72	22.70	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.48	22.59	22.16	**23.50**	21.52	21.57	21.62	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.48	22.56	22.63	**23.50**	21.47	21.58	21.64	**23.00**
3GPP Rel 6	HSDPA Subtest-3	22.08	22.09	22.12	**23.00**	21.00	21.02	21.19	**22.50**
3GPP Rel 6	HSDPA Subtest-4	22.00	22.00	22.07	**23.00**	21.04	21.10	21.12	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.40	22.42	22.04	**23.50**	21.41	21.47	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.42	22.41	22.37	**23.50**	21.41	21.42	21.50	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.97	21.96	21.94	**23.00**	20.99	20.98	21.05	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.94	21.97	21.94	**23.00**	20.97	20.98	21.04	**22.50**
3GPP Rel 6	HSUPA Subtest-1	20.58	20.59	20.58	**22.50**	20.05	20.09	20.09	**22.00**
3GPP Rel 6	HSUPA Subtest-2	20.32	20.36	20.45	**20.50**	19.58	19.61	19.61	**20.00**
3GPP Rel 6	HSUPA Subtest-3	21.37	21.47	21.43	**21.50**	20.50	20.68	20.68	**21.00**
3GPP Rel 6	HSUPA Subtest-4	20.03	20.17	20.19	**20.50**	19.08	19.20	19.17	**20.00**
3GPP Rel 6	HSUPA Subtest-5	21.52	21.68	21.60	**22.50**	20.55	20.59	20.64	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	19.91	19.91	**20.00**	19.37	19.35	19.33	**19.50**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 5			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	22.51	22.55	22.52	**23.50**	23.05	23.10	23.07	**24.50**
3GPP Rel 99	RMC 12.2Kbps	22.53	22.57	22.54	**23.50**	23.08	23.12	23.10	**24.50**
3GPP Rel 6	HSDPA Subtest-1	21.27	21.32	21.35	**22.50**	21.87	21.94	22.02	**23.50**
3GPP Rel 6	HSDPA Subtest-2	21.31	21.33	21.33	**22.50**	21.85	21.90	22.03	**23.50**
3GPP Rel 6	HSDPA Subtest-3	20.80	20.83	20.84	**22.00**	21.47	21.42	21.53	**23.00**
3GPP Rel 6	HSDPA Subtest-4	20.72	20.82	20.83	**22.00**	21.44	21.40	21.44	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	21.19	21.20	21.22	**22.50**	21.84	21.87	21.94	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	21.19	21.18	21.04	**22.50**	21.79	21.86	21.90	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	20.72	20.74	20.77	**22.00**	21.36	21.35	21.43	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	20.70	20.74	20.74	**22.00**	21.35	21.30	21.37	**23.00**
3GPP Rel 6	HSUPA Subtest-1	19.53	19.51	19.61	**21.50**	20.56	20.61	20.62	**22.50**
3GPP Rel 6	HSUPA Subtest-2	19.27	19.39	19.41	**19.50**	19.91	19.97	20.13	**20.50**
3GPP Rel 6	HSUPA Subtest-3	20.33	20.32	20.37	**20.50**	20.96	20.97	21.05	**21.50**
3GPP Rel 6	HSUPA Subtest-4	18.80	18.88	19.00	**19.50**	19.46	19.47	19.63	**20.50**
3GPP Rel 6	HSUPA Subtest-5	20.29	20.37	20.42	**21.50**	20.85	20.96	21.04	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.86	18.88	18.84	**19.00**	19.83	19.89	19.89	**20.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.83	23.93	23.82	**25.00**	22.19	22.20	22.16	**23.50**
3GPP Rel 99	RMC 12.2Kbps	23.86	23.95	23.85	**25.00**	22.20	22.23	22.18	**23.50**
3GPP Rel 6	HSDPA Subtest-1	22.84	22.92	22.82	**24.00**	20.97	20.95	20.92	**22.50**
3GPP Rel 6	HSDPA Subtest-2	22.83	22.93	22.82	**24.00**	20.84	20.99	20.88	**22.50**
3GPP Rel 6	HSDPA Subtest-3	22.37	22.43	22.32	**23.50**	20.38	20.52	20.41	**22.00**
3GPP Rel 6	HSDPA Subtest-4	22.32	22.41	22.29	**23.50**	20.44	20.53	20.30	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.88	22.74	**24.00**	20.79	20.83	20.87	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.85	22.71	**24.00**	20.84	20.82	20.82	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.33	22.30	22.26	**23.50**	20.29	20.36	20.32	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.30	22.35	22.33	**23.50**	20.33	20.28	20.36	**22.00**
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.27	**23.00**	19.53	19.55	19.60	**21.50**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.88	20.76	**21.00**	18.86	19.01	18.90	**19.50**
3GPP Rel 6	HSUPA Subtest-3	21.83	21.88	21.79	**22.00**	19.90	19.92	19.84	**20.50**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.40	20.25	**21.00**	18.43	18.41	18.39	**19.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.80	**23.00**	19.80	19.94	19.88	**21.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.45	20.47	**20.50**	18.68	18.77	18.69	**19.00**

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	22.61	22.69	22.57		
20	QPSK	1	49	22.51	22.64	22.47	23.5	0
20	QPSK	1	99	22.60	22.61	22.50		
20	QPSK	50	0	22.55	22.65	22.45		
20	QPSK	50	24	22.54	22.68	22.39	23.5	0
20	QPSK	50	50	22.53	22.40	22.34		
20	QPSK	100	0	22.55	22.61	22.34		
20	16QAM	1	0	22.67	22.60	22.50		
20	16QAM	1	49	22.58	22.61	22.53	23.5	0
20	16QAM	1	99	22.60	22.58	22.53		
20	16QAM	50	0	22.01	22.01	21.87		
20	16QAM	50	24	22.02	21.97	21.87	23	0.5
20	16QAM	50	50	21.94	21.89	21.83		
20	16QAM	100	0	22.02	21.94	21.82		
20	64QAM	1	0	22.12	22.13	22.10		
20	64QAM	1	49	22.12	22.08	22.03	23	0.5
20	64QAM	1	99	22.14	22.00	21.98		
20	64QAM	50	0	21.04	21.02	20.88		
20	64QAM	50	24	21.05	20.97	20.88	22	1.5
20	64QAM	50	50	21.01	20.90	20.86		
20	64QAM	100	0	21.04	20.97	20.84		
20	256QAM	1	0	19.17	19.16	19.12		
20	256QAM	1	49	19.20	19.12	19.15	20	3.5
20	256QAM	1	99	19.10	19.09	19.15		
20	256QAM	50	0	19.01	18.98	19.01		
20	256QAM	50	24	18.96	18.98	19.03	20	3.5
20	256QAM	50	50	19.00	18.93	18.98		
20	256QAM	100	0	18.88	18.96	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.58	22.62	22.53		
15	QPSK	1	37	22.42	22.55	22.37	23.5	0
15	QPSK	1	74	22.55	22.54	22.48		
15	QPSK	36	0	22.53	22.52	22.35		
15	QPSK	36	20	22.50	22.39	22.36	23.5	0
15	QPSK	36	39	22.45	22.33	22.32		
15	QPSK	75	0	22.46	22.59	22.27		
15	16QAM	1	0	22.60	22.59	22.59		
15	16QAM	1	37	22.63	22.54	22.51	23.5	0
15	16QAM	1	74	22.66	22.51	22.50		
15	16QAM	36	0	21.98	21.94	21.86		
15	16QAM	36	20	22.00	21.93	21.83	23	0.5
15	16QAM	36	39	21.93	21.96	21.80		
15	16QAM	75	0	21.95	21.92	21.77		
15	64QAM	1	0	22.06	22.09	22.07		
15	64QAM	1	37	22.02	22.01	21.94	23	0.5
15	64QAM	1	74	22.08	22.01	21.89		
15	64QAM	36	0	21.02	20.99	20.78		
15	64QAM	36	20	20.97	20.91	20.81	22	1.5
15	64QAM	36	39	20.93	20.85	20.76		
15	64QAM	75	0	20.99	20.91	20.74		
15	256QAM	1	0	19.15	19.08	19.11		
15	256QAM	1	37	19.15	19.03	19.11	20	3.5
15	256QAM	1	74	19.02	19.06	19.14		
15	256QAM	36	0	18.84	18.95	18.95		
15	256QAM	36	20	18.88	18.90	18.94	20	3.5
15	256QAM	36	39	18.94	18.91	18.96		
15	256QAM	75	0	18.86	18.92	18.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.58	22.63	22.55		
10	QPSK	1	25	22.42	22.61	22.46	23.5	0
10	QPSK	1	49	22.52	22.52	22.49		
10	QPSK	25	0	22.49	22.60	22.37		
10	QPSK	25	12	22.47	22.46	22.29	23.5	0
10	QPSK	25	25	22.48	22.31	22.28		
10	QPSK	50	0	22.48	22.53	22.30		
10	16QAM	1	0	22.64	22.50	22.64		
10	16QAM	1	25	22.58	22.61	22.45	23.5	0
10	16QAM	1	49	22.69	22.48	22.46		
10	16QAM	25	0	21.97	21.96	21.80		
10	16QAM	25	12	21.98	21.82	21.82	23	0.5
10	16QAM	25	25	21.96	21.85	21.80		
10	16QAM	50	0	22.00	21.87	21.78		
10	64QAM	1	0	22.06	22.09	22.02		
10	64QAM	1	25	22.02	21.98	21.93	23	0.5
10	64QAM	1	49	22.06	21.95	21.90		
10	64QAM	25	0	20.97	20.99	20.80		
10	64QAM	25	12	20.96	20.89	20.82	22	1.5
10	64QAM	25	25	20.95	20.89	20.76		
10	64QAM	50	0	20.97	20.87	20.76		
10	256QAM	1	0	19.11	19.14	19.06		
10	256QAM	1	25	19.12	19.05	19.07	20	3.5
10	256QAM	1	49	19.01	19.02	19.05		
10	256QAM	25	0	18.94	18.94	18.97		
10	256QAM	25	12	18.92	18.97	18.96	20	3.5
10	256QAM	25	25	18.97	18.85	18.88		
10	256QAM	50	0	18.80	18.89	18.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.59	22.65	22.56		
5	QPSK	1	12	22.43	22.56	22.42	23.5	0
5	QPSK	1	24	22.56	22.51	22.44		
5	QPSK	12	0	22.59	22.59	22.37		
5	QPSK	12	7	22.49	22.41	22.30	23.5	0
5	QPSK	12	13	22.47	22.38	22.28		
5	QPSK	25	0	22.45	22.52	22.27		
5	16QAM	1	0	22.62	22.66	22.67		
5	16QAM	1	12	22.58	22.53	22.52	23.5	0
5	16QAM	1	24	22.62	22.55	22.43		
5	16QAM	12	0	21.92	21.98	21.79		
5	16QAM	12	7	21.96	21.86	21.78	23	0.5
5	16QAM	12	13	21.96	21.83	21.73		
5	16QAM	25	0	21.95	21.91	21.77		
5	64QAM	1	0	22.10	22.03	22.02		
5	64QAM	1	12	22.07	22.03	21.99	23	0.5
5	64QAM	1	24	22.07	21.96	21.89		
5	64QAM	12	0	20.99	20.93	20.85		
5	64QAM	12	7	20.95	20.92	20.81	22	1.5
5	64QAM	12	13	20.95	20.80	20.79		
5	64QAM	25	0	20.95	20.89	20.80		
5	256QAM	1	0	19.09	19.08	19.02		
5	256QAM	1	12	19.19	19.04	19.10	20	3.5
5	256QAM	1	24	19.01	19.05	19.14		
5	256QAM	12	0	18.81	18.92	18.91		
5	256QAM	12	7	18.86	18.91	18.94	20	3.5
5	256QAM	12	13	18.98	18.84	18.95		
5	256QAM	25	0	18.83	18.94	18.80		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.58	22.65	22.54		
3	QPSK	1	8	22.48	22.54	22.42	23.5	0
3	QPSK	1	14	22.56	22.59	22.46		
3	QPSK	8	0	22.49	22.61	22.42		
3	QPSK	8	4	22.46	22.47	22.36	23.5	0
3	QPSK	8	7	22.43	22.38	22.27		
3	QPSK	15	0	22.45	22.52	22.30		
3	16QAM	1	0	22.61	22.50	22.64		
3	16QAM	1	8	22.63	22.55	22.50	23.5	0
3	16QAM	1	14	22.65	22.55	22.45		
3	16QAM	8	0	21.97	21.98	21.85		
3	16QAM	8	4	21.97	21.89	21.78	23	0.5
3	16QAM	8	7	21.99	21.82	21.81		
3	16QAM	15	0	21.95	21.92	21.80		
3	64QAM	1	0	22.07	22.06	22.01		
3	64QAM	1	8	22.03	22.02	21.98	23	0.5
3	64QAM	1	14	22.12	21.92	21.89		
3	64QAM	8	0	20.99	20.98	20.82		
3	64QAM	8	4	21.03	20.95	20.84	22	1.5
3	64QAM	8	7	20.96	20.92	20.84		
3	64QAM	15	0	20.94	20.95	20.75		
3	256QAM	1	0	19.07	19.06	19.07		
3	256QAM	1	8	19.19	19.11	19.05	20	3.5
3	256QAM	1	14	19.05	19.11	19.10		
3	256QAM	8	0	18.86	18.94	18.96		
3	256QAM	8	4	18.89	18.96	18.97	20	3.5
3	256QAM	8	7	18.91	18.92	18.97		
3	256QAM	15	0	18.87	18.90	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.59	22.64	22.51		
1.4	QPSK	1	3	22.46	22.55	22.45		
1.4	QPSK	1	5	22.53	22.53	22.42	23.5	0
1.4	QPSK	3	0	22.57	22.61	22.55		
1.4	QPSK	3	1	22.45	22.62	22.44		
1.4	QPSK	3	3	22.50	22.54	22.43		
1.4	QPSK	6	0	22.53	22.54	22.36	23.5	0
1.4	16QAM	1	0	22.56	22.66	22.50		
1.4	16QAM	1	3	22.54	22.57	22.47		
1.4	16QAM	1	5	22.55	22.58	22.54	23.5	0
1.4	16QAM	3	0	22.34	22.35	22.31		
1.4	16QAM	3	1	22.34	22.35	22.30		
1.4	16QAM	3	3	22.32	22.37	22.34		
1.4	16QAM	6	0	21.90	21.93	21.91	23	0.5
1.4	64QAM	1	0	22.09	22.09	22.03		
1.4	64QAM	1	3	22.02	22.10	21.91		
1.4	64QAM	1	5	22.08	22.09	22.01	23	0.5
1.4	64QAM	3	0	21.94	22.03	21.97		
1.4	64QAM	3	1	21.94	21.97	21.94		
1.4	64QAM	3	3	22.00	22.00	21.98		
1.4	64QAM	6	0	20.82	20.86	20.85	22	1.5
1.4	256QAM	1	0	19.21	19.10	19.12		
1.4	256QAM	1	3	19.27	19.20	19.13		
1.4	256QAM	1	5	19.11	19.09	19.14	20	3.5
1.4	256QAM	3	0	18.95	18.98	19.03		
1.4	256QAM	3	1	18.93	19.03	19.02		
1.4	256QAM	3	3	18.98	18.97	18.91		
1.4	256QAM	6	0	18.80	18.97	18.90	20	3.5

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.85	21.90	21.83		
20	QPSK	1	49	21.75	21.88	21.80	23	0
20	QPSK	1	99	21.80	21.81	21.80		
20	QPSK	50	0	21.56	21.88	21.82		
20	QPSK	50	24	21.57	21.86	21.81	23	0
20	QPSK	50	50	21.52	21.77	21.81		
20	QPSK	100	0	21.71	21.85	21.82		
20	16QAM	1	0	21.84	21.82	21.80		
20	16QAM	1	49	21.80	21.86	21.82	23	0
20	16QAM	1	99	21.80	21.83	21.82		
20	16QAM	50	0	20.80	20.87	20.82		
20	16QAM	50	24	20.80	20.84	20.80	22	1
20	16QAM	50	50	20.82	20.78	20.80		
20	16QAM	100	0	20.79	20.82	20.78		
20	64QAM	1	0	20.89	21.02	20.98		
20	64QAM	1	49	20.98	20.98	20.90	22	1
20	64QAM	1	99	20.87	20.88	20.93		
20	64QAM	50	0	19.82	19.89	19.83		
20	64QAM	50	24	19.81	19.86	19.82	21	2
20	64QAM	50	50	19.77	19.79	19.80		
20	64QAM	100	0	19.82	19.83	19.79		
20	256QAM	1	0	17.95	17.92	17.94		
20	256QAM	1	49	17.78	17.83	17.90	19	4
20	256QAM	1	99	17.83	17.81	17.89		
20	256QAM	50	0	17.80	17.75	17.76		
20	256QAM	50	24	17.74	17.74	17.80	19	4
20	256QAM	50	50	17.68	17.68	17.65		
20	256QAM	100	0	17.63	17.71	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.78	21.80	21.74		
15	QPSK	1	37	21.74	21.81	21.76	23	0
15	QPSK	1	74	21.72	21.77	21.72		
15	QPSK	36	0	21.53	21.85	21.77		
15	QPSK	36	20	21.56	21.78	21.76	23	0
15	QPSK	36	39	21.46	21.71	21.72		
15	QPSK	75	0	21.68	21.82	21.72		
15	16QAM	1	0	21.82	21.81	21.74		
15	16QAM	1	37	21.71	21.77	21.76	23	0
15	16QAM	1	74	21.77	21.75	21.79		
15	16QAM	36	0	20.69	20.78	20.77		
15	16QAM	36	20	20.78	20.79	20.75	22	1
15	16QAM	36	39	20.66	20.76	20.76		
15	16QAM	75	0	20.69	20.76	20.68		
15	64QAM	1	0	20.81	20.96	20.95		
15	64QAM	1	37	20.92	20.93	20.82	22	1
15	64QAM	1	74	20.78	20.83	20.89		
15	64QAM	36	0	19.77	19.79	19.81		
15	64QAM	36	20	19.74	19.84	19.80	21	2
15	64QAM	36	39	19.73	19.72	19.76		
15	64QAM	75	0	19.73	19.76	19.74		
15	256QAM	1	0	17.92	17.89	17.94		
15	256QAM	1	37	17.72	17.87	17.86	19	4
15	256QAM	1	74	17.84	17.81	17.86		
15	256QAM	36	0	17.68	17.77	17.80		
15	256QAM	36	20	17.82	17.77	17.83	19	4
15	256QAM	36	39	17.69	17.65	17.65		
15	256QAM	75	0	17.58	17.73	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.83	21.85	21.78		
10	QPSK	1	25	21.66	21.82	21.76	23	0
10	QPSK	1	49	21.76	21.72	21.70		
10	QPSK	25	0	21.56	21.81	21.72		
10	QPSK	25	12	21.54	21.76	21.78	23	0
10	QPSK	25	25	21.47	21.76	21.72		
10	QPSK	50	0	21.64	21.76	21.78		
10	16QAM	1	0	21.75	21.76	21.78		
10	16QAM	1	25	21.76	21.79	21.74	23	0
10	16QAM	1	49	21.75	21.78	21.77		
10	16QAM	25	0	20.75	20.76	20.71		
10	16QAM	25	12	20.78	20.81	20.72	22	1
10	16QAM	25	25	20.71	20.73	20.76		
10	16QAM	50	0	20.69	20.79	20.69		
10	64QAM	1	0	20.78	20.93	20.91		
10	64QAM	1	25	20.95	20.96	20.85	22	1
10	64QAM	1	49	20.76	20.78	20.83		
10	64QAM	25	0	19.71	19.78	19.73		
10	64QAM	25	12	19.75	19.80	19.72	21	2
10	64QAM	25	25	19.67	19.76	19.74		
10	64QAM	50	0	19.71	19.79	19.73		
10	256QAM	1	0	17.89	18.00	18.01		
10	256QAM	1	25	17.83	17.89	17.82	19	4
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	17.79	17.73	17.77		
10	256QAM	25	12	17.74	17.74	17.80	19	4
10	256QAM	25	25	17.76	17.75	17.67		
10	256QAM	50	0	17.72	17.74	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.80	21.81	21.73		
5	QPSK	1	12	21.67	21.78	21.79	23	0
5	QPSK	1	24	21.73	21.72	21.75		
5	QPSK	12	0	21.57	21.87	21.72		
5	QPSK	12	7	21.49	21.84	21.73	23	0
5	QPSK	12	13	21.50	21.67	21.74		
5	QPSK	25	0	21.66	21.79	21.78		
5	16QAM	1	0	21.80	21.75	21.72		
5	16QAM	1	12	21.71	21.78	21.73	23	0
5	16QAM	1	24	21.78	21.80	21.79		
5	16QAM	12	0	20.77	20.80	20.72		
5	16QAM	12	7	20.68	20.81	20.71	22	1
5	16QAM	12	13	20.68	20.71	20.77		
5	16QAM	25	0	20.69	20.79	20.76		
5	64QAM	1	0	20.86	21.00	20.93		
5	64QAM	1	12	20.94	20.91	20.88	22	1
5	64QAM	1	24	20.85	20.81	20.86		
5	64QAM	12	0	19.73	19.87	19.73		
5	64QAM	12	7	19.71	19.79	19.80	21	2
5	64QAM	12	13	19.70	19.71	19.70		
5	64QAM	25	0	19.73	19.78	19.75		
5	256QAM	1	0	17.87	17.95	18.00		
5	256QAM	1	12	17.83	17.77	17.91	19	4
5	256QAM	1	24	17.83	17.89	17.84		
5	256QAM	12	0	17.78	17.72	17.80		
5	256QAM	12	7	17.73	17.77	17.85	19	4
5	256QAM	12	13	17.63	17.67	17.69		
5	256QAM	25	0	17.66	17.73	17.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.76	21.89	21.81		
3	QPSK	1	8	21.71	21.84	21.76	23	0
3	QPSK	1	14	21.79	21.77	21.77		
3	QPSK	8	0	21.56	21.82	21.80		
3	QPSK	8	4	21.49	21.85	21.79	23	0
3	QPSK	8	7	21.51	21.75	21.72		
3	QPSK	15	0	21.66	21.83	21.77		
3	16QAM	1	0	21.80	21.72	21.77		
3	16QAM	1	8	21.71	21.79	21.73	23	0
3	16QAM	1	14	21.75	21.76	21.77		
3	16QAM	8	0	20.77	20.83	20.77		
3	16QAM	8	4	20.71	20.77	20.75	22	1
3	16QAM	8	7	20.74	20.73	20.72		
3	16QAM	15	0	20.74	20.74	20.72		
3	64QAM	1	0	20.87	20.92	20.94		
3	64QAM	1	8	20.82	20.87	20.81	22	1
3	64QAM	1	14	20.78	20.85	20.82		
3	64QAM	8	0	19.77	19.82	19.77		
3	64QAM	8	4	19.77	19.78	19.72	21	2
3	64QAM	8	7	19.68	19.70	19.69		
3	64QAM	15	0	19.80	19.80	19.76		
3	256QAM	1	0	17.92	17.88	17.93		
3	256QAM	1	8	17.74	17.75	17.83	19	4
3	256QAM	1	14	17.85	17.81	17.83		
3	256QAM	8	0	17.82	17.81	17.70		
3	256QAM	8	4	17.70	17.78	17.81	19	4
3	256QAM	8	7	17.70	17.72	17.73		
3	256QAM	15	0	17.67	17.70	17.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.82	21.86	21.82		
1.4	QPSK	1	3	21.66	21.83	21.73		
1.4	QPSK	1	5	21.72	21.79	21.79	23	0
1.4	QPSK	3	0	21.53	21.82	21.80		
1.4	QPSK	3	1	21.56	21.76	21.73		
1.4	QPSK	3	3	21.45	21.68	21.79		
1.4	QPSK	6	0	22.03	21.90	21.79	23	0
1.4	16QAM	1	0	21.78	21.80	21.77		
1.4	16QAM	1	3	21.76	21.79	21.74		
1.4	16QAM	1	5	21.75	21.75	21.73	23	0
1.4	16QAM	3	0	21.56	21.78	21.74		
1.4	16QAM	3	1	21.49	21.76	21.75		
1.4	16QAM	3	3	21.48	21.74	21.76		
1.4	16QAM	6	0	20.69	20.85	20.76	22	1
1.4	64QAM	1	0	20.89	20.77	20.74		
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.76	20.77	20.69	22	1
1.4	64QAM	3	0	20.87	21.00	20.91		
1.4	64QAM	3	1	20.88	20.92	20.84		
1.4	64QAM	3	3	20.79	20.80	20.87		
1.4	64QAM	6	0	19.76	19.78	19.78	21	2
1.4	256QAM	1	0	17.97	17.85	17.96		
1.4	256QAM	1	3	17.74	17.79	17.93		
1.4	256QAM	1	5	17.79	17.88	17.88	19	4
1.4	256QAM	3	0	17.88	17.79	17.80		
1.4	256QAM	3	1	17.81	17.66	17.87		
1.4	256QAM	3	3	17.76	17.61	17.62		
1.4	256QAM	6	0	17.65	17.72	17.70	19	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.13	22.15	22.11		
20	QPSK	1	49	22.09	22.05	22.06	23.5	0
20	QPSK	1	99	22.02	22.07	22.06		
20	QPSK	50	0	22.10	22.13	22.07		
20	QPSK	50	24	22.01	22.05	22.05	23.5	0
20	QPSK	50	50	22.01	22.05	22.00		
20	QPSK	100	0	22.08	22.10	22.05		
20	16QAM	1	0	22.04	22.12	22.05		
20	16QAM	1	49	22.01	22.05	22.04	23.5	0
20	16QAM	1	99	22.01	22.12	22.00		
20	16QAM	50	0	21.76	21.74	21.64		
20	16QAM	50	24	21.75	21.70	21.63	23	0.5
20

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	22.62	22.64	22.59		
20	QPSK	1	49	22.44	22.53	22.49	23.2	0
20	QPSK	1	99	22.50	22.51	22.46		
20	QPSK	50	0	22.51	22.54	22.52		
20	QPSK	50	24	22.49	22.49	22.50	23.2	0
20	QPSK	50	50	22.44	22.46	22.49		
20	QPSK	100	0	22.48	22.51	22.50		
20	16QAM	1	0	22.43	22.45	22.44		
20	16QAM	1	49	22.40	22.46	22.49	23.2	0
20	16QAM	1	99	22.48	22.50	22.48		
20	16QAM	50	0	22.43	22.41	22.49		
20	16QAM	50	24	22.39	22.46	22.51	23.2	0
20	16QAM	50	50	22.42	22.46	22.41		
20	16QAM	100	0	22.40	22.47	22.42		
20	64QAM	1	0	22.42	22.52	22.47		
20	64QAM	1	49	22.45	22.52	22.42	23.2	0
20	64QAM	1	99	22.48	22.42	22.41		
20	64QAM	50	0	22.07	22.00	21.97		
20	64QAM	50	24	22.03	21.98	21.95	22.7	0.5
20	64QAM	50	50	21.97	21.97	21.89		
20	64QAM	100	0	22.02	21.99	21.93		
20	256QAM	1	0	20.11	20.06	19.98		
20	256QAM	1	49	20.02	20.00	20.02	20.7	2.5
20	256QAM	1	99	20.08	20.03	19.99		
20	256QAM	50	0	19.95	19.89	19.86		
20	256QAM	50	24	19.84	19.91	19.93	20.7	2.5
20	256QAM	50	50	19.94	19.95	19.93		
20	256QAM	100	0	19.90	19.92	19.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.58	22.61	22.55		
15	QPSK	1	37	22.42	22.39	22.37	23.2	0
15	QPSK	1	74	22.49	22.48	22.31		
15	QPSK	36	0	22.42	22.45	22.38		
15	QPSK	36	20	22.31	22.45	22.49	23.2	0
15	QPSK	36	39	22.39	22.38	22.48		
15	QPSK	75	0	22.33	22.38	22.42		
15	16QAM	1	0	22.32	22.37	22.36		
15	16QAM	1	37	22.35	22.39	22.48	23.2	0
15	16QAM	1	74	22.47	22.48	22.41		
15	16QAM	36	0	22.28	22.40	22.36		
15	16QAM	36	20	22.31	22.38	22.38	23.2	0
15	16QAM	36	39	22.38	22.38	22.27		
15	16QAM	75	0	22.25	22.46	22.34		
15	64QAM	1	0	22.38	22.48	22.33		
15	64QAM	1	37	22.30	22.44	22.36	23.2	0
15	64QAM	1	74	22.34	22.38	22.38		
15	64QAM	36	0	22.05	21.99	21.93		
15	64QAM	36	20	21.99	21.88	21.87	22.7	0.5
15	64QAM	36	39	21.91	21.91	21.82		
15	64QAM	75	0	21.94	21.97	21.83		
15	256QAM	1	0	20.05	19.96	19.95		
15	256QAM	1	37	20.01	19.95	19.98	20.7	2.5
15	256QAM	1	74	20.01	20.00	19.95		
15	256QAM	36	0	19.86	19.79	19.81		
15	256QAM	36	20	19.79	19.88	19.84	20.7	2.5
15	256QAM	36	39	19.90	19.92	19.87		
15	256QAM	75	0	19.82	19.83	19.97		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.54	22.58	22.45		
10	QPSK	1	25	22.33	22.40	22.46	23.2	0
10	QPSK	1	49	22.45	22.48	22.44		
10	QPSK	25	0	22.47	22.47	22.51		
10	QPSK	25	12	22.35	22.37	22.43	23.2	0
10	QPSK	25	25	22.33	22.40	22.46		
10	QPSK	50	0	22.44	22.46	22.43		
10	16QAM	1	0	22.36	22.37	22.41		
10	16QAM	1	25	22.29	22.33	22.35	23.2	0
10	16QAM	1	49	22.34	22.39	22.39		
10	16QAM	25	0	22.35	22.40	22.40		
10	16QAM	25	12	22.35	22.40	22.47	23.2	0
10	16QAM	25	25	22.40	22.40	22.38		
10	16QAM	50	0	22.33	22.37	22.30		
10	64QAM	1	0	22.41	22.49	22.44		
10	64QAM	1	25	22.38	22.42	22.31	23.2	0
10	64QAM	1	49	22.35	22.36	22.29		
10	64QAM	25	0	22.05	21.98	21.92		
10	64QAM	25	12	21.96	21.88	21.88	22.7	0.5
10	64QAM	25	25	21.93	21.92	21.86		
10	64QAM	50	0	22.01	21.93	21.89		
10	256QAM	1	0	20.04	20.01	19.96		
10	256QAM	1	25	20.00	19.90	19.93	20.7	2.5
10	256QAM	1	49	19.99	20.02	19.94		
10	256QAM	25	0	19.93	19.81	19.85		
10	256QAM	25	12	19.81	19.85	19.83	20.7	2.5
10	256QAM	25	25	19.85	19.90	19.83		
10	256QAM	50	0	19.89	19.86	19.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.50	22.59	22.51		
5	QPSK	1	12	22.29	22.45	22.46	23.2	0
5	QPSK	1	24	22.36	22.50	22.36		
5	QPSK	12	0	22.40	22.40	22.42		
5	QPSK	12	7	22.42	22.34	22.42	23.2	0
5	QPSK	12	13	22.29	22.40	22.48		
5	QPSK	25	0	22.46	22.37	22.39		
5	16QAM	1	0	22.42	22.33	22.37		
5	16QAM	1	12	22.35	22.42	22.35	23.2	0
5	16QAM	1	24	22.38	22.43	22.45		
5	16QAM	12	0	22.42	22.26	22.45		
5	16QAM	12	7	22.27	22.31	22.49	23.2	0
5	16QAM	12	13	22.33	22.33	22.30		
5	16QAM	25	0	22.36	22.34	22.33		
5	64QAM	1	0	22.32	22.42	22.37		
5	64QAM	1	12	22.39	22.50	22.39	23.2	0
5	64QAM	1	24	22.39	22.30	22.34		
5	64QAM	12	0	22.00	21.99	21.87		
5	64QAM	12	7	22.01	21.89	21.92	22.7	0.5
5	64QAM	12	13	21.96	21.94	21.82		
5	64QAM	25	0	21.97	21.98	21.86		
5	256QAM	1	0	20.04	19.97	19.88		
5	256QAM	1	12	19.92	19.92	19.95	20.7	2.5
5	256QAM	1	24	20.03	19.97	19.92		
5	256QAM	12	0	19.86	19.79	19.78		
5	256QAM	12	7	19.82	19.82	19.85	20.7	2.5
5	256QAM	12	13	19.90	19.86	19.83		
5	256QAM	25	0	19.81	19.84	19.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.48	22.52	22.52		
3	QPSK	1	8	22.42	22.51	22.46	23.2	0
3	QPSK	1	14	22.42	22.45	22.39		
3	QPSK	8	0	22.45	22.53	22.48		
3	QPSK	8	4	22.34	22.35	22.37	23.2	0
3	QPSK	8	7	22.38	22.44	22.45		
3	QPSK	15	0	22.32	22.47	22.39		
3	16QAM	1	0	22.39	22.36	22.31		
3	16QAM	1	8	22.27	22.32	22.40	23.2	0
3	16QAM	1	14	22.44	22.41	22.38		
3	16QAM	8	0	22.34	22.37	22.35		
3	16QAM	8	4	22.38	22.45	22.48	23.2	0
3	16QAM	8	7	22.27	22.37	22.39		
3	16QAM	15	0	22.36	22.46	22.30		
3	64QAM	1	0	22.29	22.45	22.36		
3	64QAM	1	8	22.36	22.41	22.30	23.2	0
3	64QAM	1	14	22.47	22.34	22.39		
3	64QAM	8	0	22.01	21.94	21.87		
3	64QAM	8	4	22.01	21.97	21.91	22.7	0.5
3	64QAM	8	7	21.94	21.96	21.82		
3	64QAM	15	0	21.96	21.95	21.84		
3	256QAM	1	0	20.01	19.96	19.90		
3	256QAM	1	8	19.94	19.91	20.00	20.7	2.5
3	256QAM	1	14	20.03	20.02	19.97		
3	256QAM	8	0	19.94	19.81	19.83		
3	256QAM	8	4	19.82	19.87	19.90	20.7	2.5
3	256QAM	8	7	19.91	19.85	19.89		
3	256QAM	15	0	19.85	19.90	19.97		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.54	22.62	22.52		
1.4	QPSK	1	3	22.37	22.46	22.45		
1.4	QPSK	1	5	22.40	22.46	22.37	23.2	0
1.4	QPSK	3	0	22.42	22.51	22.46		
1.4	QPSK	3	1	22.38	22.42	22.40		
1.4	QPSK	3	3	22.35	22.39	22.39		
1.4	QPSK	6	0	22.43	22.44	22.49	23.2	0
1.4	16QAM	1	0	22.34	22.36	22.41		
1.4	16QAM	1	3	22.35	22.38	22.47		
1.4	16QAM	1	5	22.40	22.43	22.38	23.2	0
1.4	16QAM	3	0	22.61	22.58	22.52		
1.4	16QAM	3	1	22.41	22.50	22.47		
1.4	16QAM	3	3	22.40	22.43	22.38		
1.4	16QAM	6	0	22.37	22.49	22.36	23.2	0
1.4	64QAM	1	0	22.42	22.49	22.40		
1.4	64QAM	1	3	22.43	22.43	22.35		
1.4	64QAM	1	5	22.30	22.43	22.45	23.2	0
1.4	64QAM	3	0	22.34	22.42	22.45		
1.4	64QAM	3	1	22.43	22.42	22.45		
1.4	64QAM	3	3	22.40	22.38	22.34		
1.4	64QAM	6	0	21.93	21.96	21.84	22.7	0.5
1.4	256QAM	1	0	20.18	20.01	19.90		
1.4	256QAM	1	3	19.98	20.05	20.10		
1.4	256QAM	1	5	20.06	20.00	19.93	20.7	2.5
1.4	256QAM	3	0	19.92	19.86	19.84		
1.4	256QAM	3	1	19.83	19.83	19.99		
1.4	256QAM	3	3	19.94	19.99	20.01		
1.4	256QAM	6	0	19.94	19.85	20.02	20.7	2.5

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.05	24.08	23.98		
20	QPSK	1	49	23.95	23.95	23.93	25	0
20	QPSK	1	99	23.89	23.89	23.81		
20	QPSK	50	0	22.92	22.95	22.90		
20	QPSK	50	24	22.89	22.89	22.90	24	1
20	QPSK	50	50	22.87	22.90	22.87		
20	QPSK	100	0	22.89	22.91	22.90		
20	16QAM	1	0	23.17	23.17	23.25		
20	16QAM	1	49	23.09	23.13	23.15	24	1
20	16QAM	1	99	23.11	23.09	23.02		
20	16QAM	50	0	21.89	21.94	21.93		
20	16QAM	50	24	21.88	21.89	21.90	23	2
20	16QAM	50	50	21.88	21.89	21.86		
20	16QAM	100	0	21.86	21.89	21.89		
20	64QAM	1	0	22.12	22.06	22.13		
20	64QAM	1	49	22.06	21.96	22.07	23	2
20	64QAM	1	99	22.01	22.05	21.87		
20	64QAM	50	0	20.90	20.94	20.94		
20	64QAM	50	24	20.90	20.91	20.91	22	3
20	64QAM	50	50	20.88	20.88	20.89		
20	64QAM	100	0	20.88	20.91	20.86		
20	256QAM	1	0	19.03	19.02	18.98		
20	256QAM	1	49	18.93	18.98	18.90	20	5
20	256QAM	1	99	19.06	19.06	18.99		
20	256QAM	50	0	18.84	18.90	18.93		
20	256QAM	50	24	18.94	18.91	18.83	20	5
20	256QAM	50	50	18.88	18.93	18.85		
20	256QAM	100	0	18.92	18.91	18.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.01	24.05	23.88		
15	QPSK	1	37	23.85	23.90	23.88	25	0
15	QPSK	1	74	23.83	23.85	23.71		
15	QPSK	36	0	22.92	22.92	22.89		
15	QPSK	36	20	22.81	22.79	22.82	24	1
15	QPSK	36	39	22.80	22.81	22.81		
15	QPSK	75	0	22.87	22.87	22.82		
15	16QAM	1	0	23.09	23.09	23.19		
15	16QAM	1	37	22.99	23.02	23.09	24	1
15	16QAM	1	74	23.08	23.04	22.91		
15	16QAM	36	0	21.83	21.84	21.86		
15	16QAM	36	20	21.84	21.82	21.82	23	2
15	16QAM	36	39	21.77	21.82	21.79		
15	16QAM	75	0	21.84	21.84	21.83		
15	64QAM	1	0	22.02	22.02	22.08		
15	64QAM	1	37	22.03	21.87	21.98	23	2
15	64QAM	1	74	21.98	21.94	21.82		
15	64QAM	36	0	20.82	20.85	20.90		
15	64QAM	36	20	20.85	20.86	20.80	22	3
15	64QAM	36	39	20.86	20.84	20.87		
15	64QAM	75	0	20.82	20.89	20.87		
15	256QAM	1	0	19.09	19.07	18.97		
15	256QAM	1	37	18.86	19.04	18.95	20	5
15	256QAM	1	74	19.00	19.11	18.98		
15	256QAM	36	0	18.80	18.90	18.97		
15	256QAM	36	20	18.92	18.83	18.84	20	5
15	256QAM	36	39	18.96	18.89	18.88		
15	256QAM	75	0	18.92	18.95	18.91		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.02	23.98	23.91		
10	QPSK	1	25	23.92	23.90	23.82	25	0
10	QPSK	1	49	23.87	23.85	23.72		
10	QPSK	25	0	22.82	22.88	22.85		
10	QPSK	25	12	22.82	22.81	22.81	24	1
10	QPSK	25	25	22.79	22.80	22.80		
10	QPSK	50	0	22.83	22.80	22.79		
10	16QAM	1	0	23.08	23.10	23.21		
10	16QAM	1	25	23.06	23.06	23.07	24	1
10	16QAM	1	49	23.08	22.99	22.99		
10	16QAM	25	0	21.79	21.89	21.87		
10	16QAM	25	12	21.85	21.84	21.80	23	2
10	16QAM	25	25	21.77	21.83	21.83		
10	16QAM	50	0	21.77	21.81	21.78		
10	64QAM	1	0	22.04	21.97	22.09		
10	64QAM	1	25	22.02	21.89	22.02	23	2
10	64QAM	1	49	21.94	22.00	21.76		
10	64QAM	25	0	20.80	20.88	20.84		
10	64QAM	25	12	20.87	20.84	20.84	22	3
10	64QAM	25	25	20.80	20.82	20.85		
10	64QAM	50	0	20.82	20.87	20.87		
10	256QAM	1	0	18.98	19.06	18.91		
10	256QAM	1	25	19.01	19.02	18.95	20	5
10	256QAM	1	49	19.12	19.08	19.05		
10	256QAM	25	0	18.86	18.97	18.92		
10	256QAM	25	12	19.02	18.97	18.84	20	5
10	256QAM	25	25	18.82	18.86	18.87		
10	256QAM	50	0	18.94	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.00	23.99	23.92		
5	QPSK	1	12	23.85	23.88	23.83	25	0
5	QPSK	1	24	23.80	23.87	23.71		
5	QPSK	12	0	22.86	22.86	22.82		
5	QPSK	12	7	22.85	22.79	22.80	24	1
5	QPSK	12	13	22.85	22.83	22.85		
5	QPSK	25	0	22.83	22.85	22.88		
5	16QAM	1	0	23.07	23.12	23.14		
5	16QAM	1	12	23.00	23.08	23.08	24	1
5	16QAM	1	24	23.01	23.02	22.93		
5	16QAM	12	0	21.82	21.89	21.84		
5	16QAM	12	7	21.80	21.78	21.86	23	2
5	16QAM	12	13	21.78	21.80	21.79		
5	16QAM	25	0	21.75	21.78	21.81		
5	64QAM	1	0	22.07	21.96	22.11		
5	64QAM	1	12	21.99	22.02	21.87	23	2
5	64QAM	1	24	21.91	22.03	21.84		
5	64QAM	12	0	20.88	20.92	20.90		
5	64QAM	12	7	20.84	20.82	20.88	22	3
5	64QAM	12	13	20.77	20.78	20.86		
5	64QAM	25	0	20.81	20.80	20.82		
5	256QAM	1	0	19.04	19.05	18.98		
5	256QAM	1	12	18.94	19.05	18.95	20	5
5	256QAM	1	24	18.98	18.98	18.95		
5	256QAM	12	0	18.86	18.94	18.99		
5	256QAM	12	7	18.87	18.96	18.90	20	5
5	256QAM	12	13	18.92	18.91	18.87		
5	256QAM	25	0	18.84	18.91	18.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.00	23.98	23.96		
3	QPSK	1	8	23.88	23.86	23.84	25	0
3	QPSK	1	14	23.83	23.85	23.79		
3	QPSK	8	0	22.83	22.90	22.87		
3	QPSK	8	4	22.79	22.80	22.80	24	1
3	QPSK	8	7	22.77	22.79	22.83		
3	QPSK	15	0	22.83	22.82	22.85		
3	16QAM	1	0	23.06	23.10	23.16		
3	16QAM	1	8	23.02	23.03	23.10	24	1
3	16QAM	1	14	23.01	23.02	22.92		
3	16QAM	8	0	21.86	21.87	21.91		
3	16QAM	8	4	21.86	21.80	21.83	23	2
3	16QAM	8	7	21.84	21.82	21.78		
3	16QAM	15	0	21.78	21.81	21.79		
3	64QAM	1	0	22.04	21.98	22.11		
3	64QAM	1	8	22.03	21.94	21.96	23	2
3	64QAM	1	14	21.91	21.94	21.77		
3	64QAM	8	0	20.80	20.90	20.89		
3	64QAM	8	4	20.85	20.80	20.80	22	3
3	64QAM	8	7	20.80	20.79	20.83		
3	64QAM	15	0	20.83	20.83	20.87		
3	256QAM	1	0	19.02	18.95	19.00		
3	256QAM	1	8	18.85	19.05	18.85	20	5
3	256QAM	1	14	18.88	19.03	19.06		
3	256QAM	8	0	18.89	18.90	18.99		
3	256QAM	8	4	18.88	18.86	18.84	20	5
3	256QAM	8	7	18.92	18.98	18.89		
3	256QAM	15	0	18.89	18.96	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.00	24.03	23.87		
1.4	QPSK	1	3	23.91	23.86	23.85		
1.4	QPSK	1	5	23.80	23.87	23.76	25	0
1.4	QPSK	3	0	24.03	24.05	23.88		
1.4	QPSK	3	1	23.92	23.87	23.83		
1.4	QPSK	3	3	23.81	23.85	23.73		
1.4	QPSK	6	0	22.82	22.86	22.86	24	1
1.4	16QAM	1	0	22.81	22.80	22.80		
1.4	16QAM	1	3	22.81	22.86	22.78		
1.4	16QAM	1	5	22.81	22.84	22.87	24	1
1.4	16QAM	3	0	23.15	23.13	23.21		
1.4	16QAM	3	1	23.03	23.06	23.10		
1.4	16QAM	3	3	23.07	23.02	22.99		
1.4	16QAM	6	0	21.86	21.85	21.86	23	2
1.4	64QAM	1	0	22.02	21.87	21.82		
1.4	64QAM	1	3	21.81	21.80	21.76		
1.4	64QAM	1	5	21.81	21.86	21.82	23	2
1.4	64QAM	3	0	22.03	21.95	22.06		
1.4	64QAM	3	1	22.01	21.90	22.01		
1.4	64QAM	3	3	21.90	21.97	21.82		
1.4	64QAM	6	0	20.80	20.86	20.86	22	3
1.4	256QAM	1	0	19.02	19.07	18.99		
1.4	256QAM	1	3	18.96	18.90	18.88		
1.4	256QAM	1	5	19.01	19.13	18.98	20	5
1.4	256QAM	3	0	18.78	18.84	18.93		
1.4	256QAM	3	1	18.95	18.93	18.78		
1.4	256QAM	3	3	18.82	18.95	18.82		
1.4	256QAM	6	0	18.95	18.88	18.88	20	5

Band 4_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.00	23.01	22.98		
20	QPSK	1	49	22.85	22.94	22.91	24.2	0
20	QPSK	1	99	22.86	22.95	22.87		
20	QPSK	50	0	22.95	22.98	22.93		
20	QPSK	50	24	22.92	22.95	22.86	24.2	0
20	QPSK	50	50	22.86	22.90	22.89		
20	QPSK	100	0	22.93	22.95	22.91		
20	16QAM	1	0	22.85	22.97	22.89		
20	16QAM	1	49	22.91	22.91	22.89	24.2	0
20	16QAM	1	99	22.92	22.89	22.87		
20	16QAM	50	0	22.58	22.61

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	24.82	24.86	24.83	25.7	0
10	QPSK	1	25	24.72	24.84	24.74		
10	QPSK	1	49	24.80	24.85	24.73		
10	QPSK	25	0	23.82	23.85	23.76	24.7	1
10	QPSK	25	12	23.74	23.77	23.71		
10	QPSK	25	25	23.78	23.76	23.70		
10	QPSK	50	0	23.82	23.83	23.73		
10	16QAM	1	0	23.91	23.96	23.95	24.7	1
10	16QAM	1	25	23.88	23.92	23.88		
10	16QAM	1	49	23.95	23.93	23.86		
10	16QAM	25	0	22.81	22.77	22.75	23.7	2
10	16QAM	25	12	22.74	22.74	22.68		
10	16QAM	25	25	22.76	22.76	22.69		
10	16QAM	50	0	22.80	22.78	22.72		
10	64QAM	1	0	22.86	22.92	22.92	23.7	2
10	64QAM	1	25	22.83	22.87	22.86		
10	64QAM	1	49	22.89	22.90	22.86		
10	64QAM	25	0	21.80	21.77	21.76	22.7	3
10	64QAM	25	12	21.73	21.75	21.69		
10	64QAM	25	25	21.76	21.74	21.69		
10	64QAM	50	0	21.82	21.77	21.72		
10	256QAM	1	0	20.09	20.13	20.09	20.7	5
10	256QAM	1	25	20.14	20.11	20.11		
10	256QAM	1	49	19.99	20.06	20.07		
10	256QAM	25	0	19.99	19.96	19.90	20.7	5
10	256QAM	25	12	20.00	19.93	19.94		
10	256QAM	25	25	19.96	19.95	19.91		
10	256QAM	50	0	19.91	19.98	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.72	24.77	24.73	25.7	0
5	QPSK	1	12	24.64	24.81	24.69		
5	QPSK	1	24	24.74	24.79	24.66		
5	QPSK	12	0	23.71	23.76	23.74	24.7	1
5	QPSK	12	7	23.66	23.66	23.61		
5	QPSK	12	13	23.75	23.70	23.61		
5	QPSK	25	0	23.78	23.76	23.65		
5	16QAM	1	0	23.82	23.87	23.88	24.7	1
5	16QAM	1	12	23.78	23.86	23.81		
5	16QAM	1	24	23.88	23.89	23.82		
5	16QAM	12	0	22.76	22.67	22.72	23.7	2
5	16QAM	12	7	22.63	22.68	22.61		
5	16QAM	12	13	22.68	22.69	22.60		
5	16QAM	25	0	22.70	22.71	22.66		
5	64QAM	1	0	22.82	22.82	22.84	23.7	2
5	64QAM	1	12	22.81	22.78	22.75		
5	64QAM	1	24	22.78	22.79	22.81		
5	64QAM	12	0	21.70	21.69	21.66	22.7	3
5	64QAM	12	7	21.63	21.72	21.58		
5	64QAM	12	13	21.66	21.65	21.59		
5	64QAM	25	0	21.71	21.66	21.67		
5	256QAM	1	0	20.13	20.13	20.16	20.7	5
5	256QAM	1	12	20.07	20.05	20.03		
5	256QAM	1	24	19.97	20.08	20.11		
5	256QAM	12	0	20.01	19.90	19.87	20.7	5
5	256QAM	12	7	20.06	19.94	19.87		
5	256QAM	12	13	19.96	20.02	19.95		
5	256QAM	25	0	19.96	19.96	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.72	24.80	24.77	25.7	0
3	QPSK	1	8	24.62	24.73	24.68		
3	QPSK	1	14	24.77	24.76	24.64		
3	QPSK	8	0	23.75	23.78	23.67	24.7	1
3	QPSK	8	4	23.64	23.66	23.64		
3	QPSK	8	7	23.73	23.68	23.62		
3	QPSK	15	0	23.80	23.74	23.64		
3	16QAM	1	0	23.83	23.91	23.84	24.7	1
3	16QAM	1	8	23.86	23.88	23.78		
3	16QAM	1	14	23.89	23.87	23.75		
3	16QAM	8	0	22.74	22.72	22.64	23.7	2
3	16QAM	8	4	22.69	22.63	22.65		
3	16QAM	8	7	22.71	22.72	22.65		
3	16QAM	15	0	22.71	22.76	22.64		
3	64QAM	1	0	22.83	22.83	22.87	23.7	2
3	64QAM	1	8	22.74	22.77	22.83		
3	64QAM	1	14	22.78	22.79	22.82		
3	64QAM	8	0	21.70	21.75	21.72	22.7	3
3	64QAM	8	4	21.69	21.68	21.58		
3	64QAM	8	7	21.71	21.68	21.65		
3	64QAM	15	0	21.79	21.68	21.65		
3	256QAM	1	0	20.06	20.08	20.14	20.7	5
3	256QAM	1	8	20.06	20.18	20.13		
3	256QAM	1	14	19.91	19.98	20.07		
3	256QAM	8	0	20.00	20.04	19.94	20.7	5
3	256QAM	8	4	19.99	19.86	19.93		
3	256QAM	8	7	20.01	19.96	19.97		
3	256QAM	15	0	19.92	19.92	19.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.71	24.83	24.80	25.7	0
1.4	QPSK	1	3	24.61	24.82	24.68		
1.4	QPSK	1	5	24.76	24.80	24.63		
1.4	QPSK	3	0	24.75	24.82	24.74		
1.4	QPSK	3	1	24.65	24.74	24.66		
1.4	QPSK	3	3	24.76	24.77	24.66		
1.4	QPSK	6	0	23.76	23.81	23.73	24.7	1
1.4	16QAM	1	0	23.64	23.75	23.69	24.7	1
1.4	16QAM	1	3	23.71	23.73	23.66		
1.4	16QAM	1	5	23.75	23.74	23.69		
1.4	16QAM	3	0	23.83	23.91	23.86		
1.4	16QAM	3	1	23.78	23.87	23.85		
1.4	16QAM	3	3	23.86	23.87	23.75		
1.4	16QAM	6	0	22.78	22.68	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.69	22.60	23.7	2
1.4	64QAM	1	3	22.70	22.71	22.60		
1.4	64QAM	1	5	22.71	22.71	22.69		
1.4	64QAM	3	0	22.80	22.87	22.81		
1.4	64QAM	3	1	22.73	22.85	22.83		
1.4	64QAM	3	3	22.80	22.82	22.76		
1.4	64QAM	6	0	21.75	21.70	21.67	22.7	3
1.4	256QAM	1	0	20.16	20.14	20.16	20.7	5
1.4	256QAM	1	3	20.11	20.16	20.10		
1.4	256QAM	1	5	19.98	20.03	20.04		
1.4	256QAM	3	0	19.96	20.01	19.91		
1.4	256QAM	3	1	20.07	19.88	19.89		
1.4	256QAM	3	3	20.00	19.90	19.93		
1.4	256QAM	6	0	19.86	19.91	19.96	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.53	21.56	21.51	23	0
10	QPSK	1	25	21.42	21.46	21.42		
10	QPSK	1	49	21.36	21.49	21.47		
10	QPSK	25	0	21.51	21.53	21.50	23	0
10	QPSK	25	12	21.47	21.46	21.49		
10	QPSK	25	25	21.38	21.50	21.47		
10	QPSK	50	0	21.48	21.50	21.46		
10	16QAM	1	0	21.48	21.39	21.49	23	0
10	16QAM	1	25	21.41	21.49	21.42		
10	16QAM	1	49	21.42	21.41	21.43		
10	16QAM	25	0	21.47	21.41	21.43	23	0
10	16QAM	25	12	21.49	21.38	21.37		
10	16QAM	25	25	21.48	21.50	21.41		
10	16QAM	50	0	21.49	21.43	21.44		
10	64QAM	1	0	21.50	21.38	21.48	23	0
10	64QAM	1	25	21.39	21.43	21.36		
10	64QAM	1	49	21.36	21.48	21.38		
10	64QAM	25	0	21.06	21.02	20.98	22.5	0.5
10	64QAM	25	12	20.98	21.00	20.92		
10	64QAM	25	25	21.02	20.99	20.92		
10	64QAM	50	0	21.07	21.01	20.94		
10	256QAM	1	0	19.29	19.26	19.18	20.5	2.5
10	256QAM	1	25	19.16	19.23	19.25		
10	256QAM	1	49	19.27	19.21	19.21		
10	256QAM	25	0	19.10	19.11	19.12	20.5	2.5
10	256QAM	25	12	18.99	19.06	19.03		
10	256QAM	25	25	19.07	19.06	19.05		
10	256QAM	50	0	19.02	19.10	19.08		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.47	21.48	21.43	23	0
5	QPSK	1	12	21.40	21.50	21.42		
5	QPSK	1	24	21.38	21.41	21.36		
5	QPSK	12	0	21.49	21.49	21.44	23	0
5	QPSK	12	7	21.40	21.47	21.43		
5	QPSK	12	13	21.47	21.44	21.37		
5	QPSK	25	0	21.47	21.42	21.41		
5	16QAM	1	0	21.50	21.43	21.49	23	0
5	16QAM	1	12	21.41	21.46	21.37		
5	16QAM	1	24	21.39	21.39	21.44		
5	16QAM	12	0	21.48	21.48	21.48	23	0
5	16QAM	12	7	21.36	21.43	21.40		
5	16QAM	12	13	21.49	21.48	21.35		
5	16QAM	25	0	21.40	21.52	21.42		
5	64QAM	1	0	21.45	21.44	21.44	23	0
5	64QAM	1	12	21.39	21.45	21.45		
5	64QAM	1	24	21.41	21.42	21.35		
5	64QAM	12	0	21.01	20.95	20.89	22.5	0.5
5	64QAM	12	7	20.90	20.93	20.85		
5	64QAM	12	13	20.92	20.95	20.86		
5	64QAM	25	0	20.96	20.99	20.86		
5	256QAM	1	0	19.29	19.20	19.11	20.5	2.5
5	256QAM	1	12	19.14	19.19	19.28		
5	256QAM	1	24	19.30	19.27	19.19		
5	256QAM	12	0	19.08	19.05	19.10	20.5	2.5
5	256QAM	12	7	18.97	19.12	19.02		
5	256QAM	12	13	19.13	19.07	18.97		
5	256QAM	25	0	19.01	19.05	19.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.47	21.44	21.41	23	0
3	QPSK	1	8	21.47	21.49	21.39		
3	QPSK	1	14	21.47	21.40	21.44		
3	QPSK	8	0	21.49	21.40	21.43	23	0
3	QPSK	8	4	21.42	21.44	21.37		
3	QPSK	8	7	21.43	21.45	21.41		
3	QPSK	15	0	21.42	21.43	21.48		
3	16QAM	1	0	21.44	21.47	21.44	23	0
3	16QAM	1	8	21.36	21.44	21.48		
3	16QAM	1	14	21.39	21.44	21.49		
3	16QAM	8	0	21.50	21.51	21.41	23	0
3	16QAM	8	4	21.46	21.44	21.40		
3	16QAM	8	7	21.43	21.38	21.44		
3	16QAM	15	0	21.37	21.51	21.44		
3	64QAM	1	0	21.37	21.38	21.35	23	0
3	64QAM	1	8	21.42	21.40	21.43		
3	64QAM	1	14	21.44	21.49	21.43		
3	64QAM	8	0	21.03	20.96	20.96	22.5	0.5
3	64QAM	8	4	20.87	20.95	20.84		
3	64QAM	8	7	20.95	20.94	20.85		
3	64QAM	15	0	21.01	20.93	20.83		
3	256QAM	1	0	19.27	19.31	19.22	20.5	2.5
3	256QAM	1	8	19.22	19.30	19.25		
3	256QAM	1	14	19.33	19.22	19.22		
3	256QAM	8	0	19.08	19.17	19.08	20.5	2.5
3	256QAM	8	4	18.99	19.12	19.06		
3	256QAM	8	7	19.08	19.11	19.01		
3	256QAM	15	0	19.05	19.09	19.06		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.41	21.49	21.40	23	0
1.4	QPSK	1	3	21.45	21.51	21.42		
1.4	QPSK	1	5	21.36	21.46	21.35		
1.4	QPSK	3	0	21.50	21.51	21.38		
1.4	QPSK	3	1	21.44	21.48	21.47		
1.4	QPSK	3	3	21.48	21.45	21.46		
1.4	QPSK	6	0	21.46	21.51	21.41	23	0
1.4	16QAM	1	0	21.42	21.41	21.35	23	0
1.4	16QAM	1	3	21.47	21.52	21.37		
1.4	16QAM	1	5	21.48	21.39	21.35		
1.4	16QAM	3	0	21.41	21.44	21.42		
1.4	16QAM	3	1	21.44	21.42	21.42		
1.4	16QAM	3	3	21.36	21.39	21.43		
1.4	16QAM	6	0	21.41	21.49	21.41	23	0
1.4	64QAM	1	0	21.50	21.48	21.38	23	0
1.4	64QAM	1	3	21.45	21.46	21.37		
1.4	64QAM	1	5	21.44	21.45	21.35		
1.4	64QAM	3	0	21.37	21.44	21.36		
1.4	64QAM	3	1	21.47	21.38	21.49		
1.4	64QAM	3	3	21.37	21.52	21.35		
1.4	64QAM	6	0	20.97	20.95	20.88	22.5	0.5
1.4	256QAM	1	0	19.34	19.21	19.12	20.5	2.5
1.4	256QAM	1	3	19.17	19.20	19.17		
1.4	256QAM	1	5	19.25	19.20	19.26		
1.4	256QAM	3	0	19.04	19.08	19.14		
1.4	256QAM	3	1	18.98	19.05	18.95		
1.4	256QAM	3	3	19.11	18.98	19.07		
1.4	256QAM	6	0	19.06	19.04	19.11	20.5	2.5

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	20.68	20.70	20.65	21.2	0
20	QPSK	1	49	20.59	20.65	20.61		
20	QPSK	1	99	20.55	20.58	20.56		
20	QPSK	50	0	20.64	20.67	20.63	21.2	0
20	QPSK	50	24	20.61	20.60	20.54		
20	QPSK	50	50	20.59	20.58	20.62		
20	QPSK	100	0	20.62	20.65	20.60		
20	16QAM	1	0	20.62	20.64	20.61	21.2	0
20	16QAM	1	49	20.62	20.63	20.60		
20	16QAM	1	99	20.60	20.57	20.59		
20	16QAM	50	0	20.55	20.65	20.55	21.2	0
20	16QAM	50	24	20.58	20.58	20.58		
20	16QAM	50	50	20.60	20.63	20.60		
20	16QAM	100	0	20.61	20.58	20.54		
20	64QAM	1	0	20.55	20.65	20.59	21.2	0
20	64QAM	1	49	20.61	20.65	20.53		
20	64QAM	1	99	20.55	20.60	20.56		
20	64QAM	50	0	20.60	20.60	20.58	21.2	0
20	64QAM	50	24	20.56	20.66	20.56		
20	64QAM	50	50	20.59	20.65	20.53		
20	64QAM	100	0	20.63	20.64	20.58		
20	256QAM	1	0	20.05	20.04	20.02	20.7	0.5
20	256QAM	1	49	20.03	20.01	19.97		
20	256QAM	1	99	19.97	19.98	19.97		
20	256QAM	50	0	19.95	19.96	20.04	20.7	0.5
20	256QAM	50	24	19.93	19.93	19.94		
20	256QAM	50	50	19.94	19.92	19.91		
20	256QAM	100	0	19.98	19.90	19.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.63	20.68	20.56	21.2	0
15	QPSK	1	37	20.57	20.57	20.53		
15	QPSK	1	74	20.52	20.54	20.53		
15	QPSK	36	0	20.58	20.57	20.53	21.2	0
15	QPSK	36	20	20.60	20.56	20.44		
15	QPSK	36	39	20.52	20.52	20.60		
15	QPSK	75	0	20.53	20.57	20.57		
15	16QAM	1	0	20.55	20.59	20.53	21.2	0
15	16QAM	1	37	20.53	20.59	20.57		
15	16QAM	1	74	20.58	20.48	20.55		
15	16QAM	36	0	20.48	20.60	20.46	21.2	0
15	16QAM	36	20	20.48	20.56	20.56		
15	16QAM	36	39	20.54	20.53	20.51		
15	16QAM	75	0	20.58	20.57	20.48		
15	64QAM	1	0	20.49	20.57	20.53	21.2	0
15	64QAM	1	37	20.57	20.63	20.44		
15	64QAM	1	74	20.50	20.57	20.50		
15	64QAM	36	0	20.50	20.55	20.50	21.2	0
15	64QAM	36	20	20.48	20.58	20.49		
15	64QAM	36	39	20.57	20.62	20.50		
15	64QAM	75	0	20.57	20.61	20.57		
15	256QAM	1	0	20.03	19.97	20.01	20.7	0.5
15	256QAM	1	37	19.94	19.92	19.90		
15	256QAM	1	74	19.93	19.97	19.96		
15	256QAM	36	0	19.90	19.93	19.98	20.7	0.5
15	256QAM	36	20	19.91	19.86	19.92		
15	256QAM	36	39	19.88	19.86	19.83		
15	256QAM	75	0	19.95	19.87	19.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.66	20.61	20.55	21.2	0
10	QPSK	1	25	20.58	20.57	20.57		
10	QPSK	1	49	20.52	20.55	20.54		
10	QPSK	25	0	20.60	20.63	20.59	21.2	0
10	QPSK	25	12	20.51	20.50	20.53		
10	QPSK	25	25	20.57	20.49	20.54		
10	QPSK	50	0	20.57	20.55	20.56		
10	16QAM	1	0	20.54	20.60	20.55	21.2	0
10	16QAM	1	25	20.60	20.59	20.54		
10	16QAM	1	49	20.51	20.56	20.54		
10	16QAM	25	0	20.54	20.60	20.46	21.2	0
10	16QAM	25	12	20.56	20.48	20.51		
10	16QAM	25	25	20.52	20.61	20.54		
10	16QAM	50	0	20.59	20.48	20.45		
10	64QAM	1	0	20.45	20.57	20.56	21.2	0
10	64QAM	1	25	20.60	20.64	20.52		
10	64QAM	1	49	20.54	20.52	20.51		
10	64QAM	25	0	20.58	20.51	20.50	21.2	0
10	64QAM	25	12	20.53	20.61	20.53		
10	64QAM	25	25	20.56	20.61	20.48		
10	64QAM	50	0	20.55	20.58	20.57		
10	256QAM	1	0	19.98	20.00	20.01	20.7	0.5
10	256QAM	1	25	19.94	19.99	19.91		
10	256QAM	1	49	19.87	19.97	19.92		
10	256QAM	25	0	19.92	19.95	19.99	20.7	0.5
10	256QAM	25	12	19.83	19.91	19.88		
10	256QAM	25	25	19.85	19.86	19.81		
10	256QAM	50	0	19.89	19.80	19.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.59	20.68	20.59	21.2	0
5	QPSK	1	12	20.54	20.63	20.55		
5	QPSK	1	24	20.50	20.49	20.53		
5	QPSK	12	0	20.56	20.58	20.62	21.2	0
5	QPSK	12	7	20.56	20.52	20.45		
5	QPSK	12	13	20.55	20.54	20.57		
5	QPSK	25	0	20.57	20.64	20.58		
5	16QAM	1	0	20.57	20.56	20.52	21.2	0
5	16QAM	1	12	20.52	20.57	20.57		
5	16QAM	1	24	20.53	20.47	20.50		
5	16QAM	12	0	20.54	20.62	20.53	21.2	0
5	16QAM	12	7	20.49	20.48	20.51		
5	16QAM	12	13	20.50	20.59	20.50		
5	16QAM	25	0	20.52	20.57	20.44		
5	64QAM	1	0	20.46	20.57	20.57	21.2	0
5	64QAM	1	12	20.55	20.57	20.48		
5	64QAM	1	24	20.48	20.58	20.46		
5	64QAM	12	0	20.50	20.53	20.49	21.2	0
5	64QAM	12	7	20.52	20.60	20.50		
5	64QAM	12	13	20.55	20.57	20.45		
5	64QAM	25	0	20.53	20.54	20.57		
5	256QAM	1	0	19.98	20.03	19.94	20.7	0.5
5	256QAM	1	12	19.95	19.99	19.93		
5	256QAM	1	24	19.95	19.93	19.88		
5	256QAM	12	0	19.92	19.89	19.96	20.7	0.5
5	256QAM	12	7	19.90	19.87	19.90		
5	256QAM	12	13	19.90	19.87	19.89		
5	256QAM	25	0	19.90	19.83	19.82		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.83	20.85	20.80	22	0
20	QPSK	1	49	20.76	20.79	20.74		
20	QPSK	1	99	20.76	20.79	20.71		
20	QPSK	50	0	20.80	20.83	20.78	22	0
20	QPSK	50	24	20.79	20.80	20.68		
20	QPSK	50	50	20.73	20.79	20.77		
20	QPSK	100	0	20.77	20.80	20.75		
20	16QAM	1	0	20.76	20.75	20.72	22	0
20	16QAM	1	49	20.76	20.78	20.77		
20	16QAM	1	99	20.71	20.78	20.76		
20	16QAM	50	0	20.74	20.80	20.71	22	0
20	16QAM	50	24	20.75	20.75	20.77		
20	16QAM	50	50	20.78	20.78	20.71		
20	16QAM	100	0	20.70	20.82	20.69		
20	64QAM	1	0	20.73	20.74	20.76	22	0
20	64QAM	1	49	20.75	20.79	20.77		
20	64QAM	1	99	20.71	20.76	20.73		
20	64QAM	50	0	20.71	20.81	20.73	22	0
20	64QAM	50	24	20.71	20.77	20.72		
20	64QAM	50	50	20.76	20.80	20.75		
20	64QAM	100	0	20.71	20.75	20.74		
20	256QAM	1	0	18.94	18.88	18.84	20	2
20	256QAM	1	49	18.83	18.75	18.76		
20	256QAM	1	99	18.77	18.74	18.80		
20	256QAM	50	0	18.71	18.71	18.77	20	2
20	256QAM	50	24	18.59	18.65	18.57		
20	256QAM	50	50	18.72	18.66	18.68		
20	256QAM	100	0	18.61	18.67	18.74		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.74	20.78	20.76	22	0
15	QPSK	1	37	20.75	20.74	20.77		
15	QPSK	1	74	20.72	20.74	20.69		
15	QPSK	36	0	20.77	20.77	20.77	22	0
15	QPSK	36	20	20.73	20.74	20.74		
15	QPSK	36	39	20.78	20.77	20.69		
15	QPSK	75	0	20.76	20.77	20.70		
15	16QAM	1	0	20.78	20.81	20.76	22	0
15	16QAM	1	37	20.77	20.76	20.68		
15	16QAM	1	74	20.73	20.75	20.71		
15	16QAM	36	0	20.71	20.81	20.69	22	0
15	16QAM	36	20	20.76	20.78	20.76		
15	16QAM	36	39	20.73	20.77	20.69		
15	16QAM	75	0	20.72	20.75	20.70		
15	64QAM	1	0	20.77	20.78	20.73	22	0
15	64QAM	1	37	20.72	20.73	20.70		
15	64QAM	1	74	20.71	20.76	20.75		
15	64QAM	36	0	20.72	20.77	20.77	22	0
15	64QAM	36	20	20.70	20.81	20.77		
15	64QAM	36	39	20.73	20.74	20.71		
15	64QAM	75	0	20.71	20.75	20.73		
15	256QAM	1	0	18.95	18.80	18.85	20	2
15	256QAM	1	37	18.83	18.81	18.70		
15	256QAM	1	74	18.76	18.71	18.79		
15	256QAM	36	0	18.75	18.72	18.75	20	2
15	256QAM	36	20	18.51	18.64	18.49		
15	256QAM	36	39	18.78	18.70	18.63		
15	256QAM	75	0	18.63	18.60	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.72	20.80	20.72	22	0
10	QPSK	1	25	20.73	20.74	20.73		
10	QPSK	1	49	20.73	20.73	20.73		
10	QPSK	25	0	20.74	20.73	20.77	22	0
10	QPSK	25	12	20.75	20.74	20.72		
10	QPSK	25	25	20.78	20.82	20.73		
10	QPSK	50	0	20.70	20.75	20.71		
10	16QAM	1	0	20.70	20.82	20.70	22	0
10	16QAM	1	25	20.73	20.81	20.72		
10	16QAM	1	49	20.70	20.79	20.77		
10	16QAM	25	0	20.71	20.73	20.75	22	0
10	16QAM	25	12	20.77	20.75	20.69		
10	16QAM	25	25	20.79	20.75	20.69		
10	16QAM	50	0	20.74	20.77	20.76		
10	64QAM	1	0	20.71	20.77	20.73	22	0
10	64QAM	1	25	20.79	20.74	20.71		
10	64QAM	1	49	20.76	20.75	20.76		
10	64QAM	25	0	20.77	20.74	20.69	22	0
10	64QAM	25	12	20.74	20.77	20.71		
10	64QAM	25	25	20.71	20.79	20.71		
10	64QAM	50	0	20.78	20.78	20.69		
10	256QAM	1	0	18.91	18.91	18.79	20	2
10	256QAM	1	25	18.89	18.69	18.69		
10	256QAM	1	49	18.72	18.75	18.80		
10	256QAM	25	0	18.65	18.68	18.84	20	2
10	256QAM	25	12	18.63	18.57	18.59		
10	256QAM	25	25	18.70	18.73	18.68		
10	256QAM	50	0	18.63	18.60	18.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.77	20.81	20.72	22	0
5	QPSK	1	12	20.79	20.74	20.69		
5	QPSK	1	24	20.70	20.77	20.74		
5	QPSK	12	0	20.73	20.78	20.68	22	0
5	QPSK	12	7	20.79	20.77	20.72		
5	QPSK	12	13	20.70	20.77	20.77		
5	QPSK	25	0	20.72	20.76	20.77		
5	16QAM	1	0	20.75	20.79	20.72	22	0
5	16QAM	1	12	20.78	20.74	20.72		
5	16QAM	1	24	20.71	20.74	20.77		
5	16QAM	12	0	20.73	20.79	20.71	22	0
5	16QAM	12	7	20.78	20.78	20.69		
5	16QAM	12	13	20.73	20.79	20.72		
5	16QAM	25	0	20.75	20.73	20.69		
5	64QAM	1	0	20.74	20.74	20.77	22	0
5	64QAM	1	12	20.78	20.75	20.74		
5	64QAM	1	24	20.71	20.76	20.70		
5	64QAM	12	0	20.79	20.74	20.68	22	0
5	64QAM	12	7	20.72	20.80	20.74		
5	64QAM	12	13	20.76	20.73	20.74		
5	64QAM	25	0	20.79	20.82	20.70		
5	256QAM	1	0	18.98	18.93	18.90	20	2
5	256QAM	1	12	18.84	18.74	18.78		
5	256QAM	1	24	18.71	18.80	18.76		
5	256QAM	12	0	18.64	18.71	18.75	20	2
5	256QAM	12	7	18.65	18.61	18.55		
5	256QAM	12	13	18.69	18.69	18.60		
5	256QAM	25	0	18.63	18.71	18.72		

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	21.65	21.67	21.63		
20	QPSK	1	49	21.59	21.59	21.59	22.7	0
20	QPSK	1	99	21.59	21.58	21.56		
20	QPSK	50	0	21.62	21.65	21.60		
20	QPSK	50	24	21.60	21.63	21.59	22.7	0
20	QPSK	50	50	21.59	21.63	21.54		
20	QPSK	100	0	21.60	21.63	21.58		
20	16QAM	1	0	21.58	21.58	21.51		
20	16QAM	1	49	21.61	21.62	21.50	22.7	0
20	16QAM	1	99	21.61	21.63	21.53		
20	16QAM	50	0	21.54	21.56	21.51		
20	16QAM	50	24	21.60	21.58	21.58	22.7	0
20	16QAM	50	50	21.60	21.59	21.53		
20	16QAM	100	0	21.61	21.57	21.54		
20	64QAM	1	0	21.60	21.57	21.51		
20	64QAM	1	49	21.52	21.58	21.57	22.7	0
20	64QAM	1	99	21.57	21.64	21.51		
20	64QAM	50	0	21.52	21.57	21.57		
20	64QAM	50	24	21.60	21.55	21.51	22.7	0
20	64QAM	50	50	21.53	21.64	21.57		
20	64QAM	100	0	21.55	21.64	21.54		
20	256QAM	1	0	19.72	19.74	19.73		
20	256QAM	1	49	19.60	19.57	19.58	20.7	2
20	256QAM	1	99	19.54	19.52	19.48		
20	256QAM	50	0	19.49	19.53	19.47		
20	256QAM	50	24	19.38	19.46	19.54	20.7	2
20	256QAM	50	50	19.43	19.43	19.44		
20	256QAM	100	0	19.41	19.48	19.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.53	21.61	21.55		
15	QPSK	1	37	21.53	21.56	21.56	22.7	0
15	QPSK	1	74	21.60	21.61	21.53		
15	QPSK	36	0	21.58	21.61	21.53		
15	QPSK	36	20	21.60	21.57	21.50	22.7	0
15	QPSK	36	39	21.55	21.64	21.55		
15	QPSK	75	0	21.54	21.58	21.50		
15	16QAM	1	0	21.56	21.58	21.52		
15	16QAM	1	37	21.59	21.63	21.54	22.7	0
15	16QAM	1	74	21.58	21.61	21.53		
15	16QAM	36	0	21.59	21.63	21.52		
15	16QAM	36	20	21.58	21.58	21.50	22.7	0
15	16QAM	36	39	21.59	21.58	21.59		
15	16QAM	75	0	21.55	21.58	21.53		
15	64QAM	1	0	21.55	21.58	21.59		
15	64QAM	1	37	21.56	21.55	21.50	22.7	0
15	64QAM	1	74	21.61	21.59	21.58		
15	64QAM	36	0	21.55	21.59	21.58		
15	64QAM	36	20	21.58	21.61	21.54	22.7	0
15	64QAM	36	39	21.60	21.58	21.58		
15	64QAM	75	0	21.59	21.55	21.50		
15	256QAM	1	0	19.77	19.69	19.74		
15	256QAM	1	37	19.57	19.57	19.60	20.7	2
15	256QAM	1	74	19.60	19.59	19.51		
15	256QAM	36	0	19.46	19.61	19.44		
15	256QAM	36	20	19.41	19.45	19.59	20.7	2
15	256QAM	36	39	19.48	19.47	19.37		
15	256QAM	75	0	19.34	19.42	19.46		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.55	21.59	21.58		
10	QPSK	1	25	21.53	21.63	21.57	22.7	0
10	QPSK	1	49	21.57	21.62	21.52		
10	QPSK	25	0	21.54	21.57	21.59		
10	QPSK	25	12	21.53	21.57	21.53	22.7	0
10	QPSK	25	25	21.61	21.61	21.50		
10	QPSK	50	0	21.60	21.60	21.59		
10	16QAM	1	0	21.53	21.62	21.52		
10	16QAM	1	25	21.60	21.61	21.50	22.7	0
10	16QAM	1	49	21.52	21.56	21.51		
10	16QAM	25	0	21.56	21.57	21.56		
10	16QAM	25	12	21.57	21.60	21.57	22.7	0
10	16QAM	25	25	21.61	21.62	21.55		
10	16QAM	50	0	21.58	21.61	21.59		
10	64QAM	1	0	21.52	21.59	21.51		
10	64QAM	1	25	21.57	21.59	21.55	22.7	0
10	64QAM	1	49	21.59	21.60	21.55		
10	64QAM	25	0	21.56	21.55	21.53		
10	64QAM	25	12	21.59	21.58	21.50	22.7	0
10	64QAM	25	25	21.52	21.59	21.52		
10	64QAM	50	0	21.53	21.63	21.54		
10	256QAM	1	0	19.79	19.79	19.77		
10	256QAM	1	25	19.54	19.62	19.50	20.7	2
10	256QAM	1	49	19.46	19.48	19.42		
10	256QAM	25	0	19.53	19.48	19.42		
10	256QAM	25	12	19.35	19.47	19.51	20.7	2
10	256QAM	25	25	19.38	19.35	19.51		
10	256QAM	50	0	19.37	19.55	19.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.53	21.62	21.55		
5	QPSK	1	12	21.56	21.57	21.56	22.7	0
5	QPSK	1	24	21.54	21.61	21.56		
5	QPSK	12	0	21.59	21.57	21.51		
5	QPSK	12	7	21.59	21.64	21.50	22.7	0
5	QPSK	12	13	21.61	21.62	21.59		
5	QPSK	25	0	21.55	21.64	21.55		
5	16QAM	1	0	21.52	21.59	21.53		
5	16QAM	1	12	21.61	21.57	21.54	22.7	0
5	16QAM	1	24	21.59	21.59	21.54		
5	16QAM	12	0	21.53	21.56	21.53		
5	16QAM	12	7	21.55	21.63	21.50	22.7	0
5	16QAM	12	13	21.61	21.57	21.52		
5	16QAM	25	0	21.60	21.59	21.54		
5	64QAM	1	0	21.53	21.58	21.50		
5	64QAM	1	12	21.55	21.57	21.57	22.7	0
5	64QAM	1	24	21.60	21.61	21.54		
5	64QAM	12	0	21.58	21.63	21.50		
5	64QAM	12	7	21.57	21.58	21.56	22.7	0
5	64QAM	12	13	21.58	21.58	21.58		
5	64QAM	25	0	21.60	21.60	21.51		
5	256QAM	1	0	19.67	19.82	19.67		
5	256QAM	1	12	19.59	19.53	19.64	20.7	2
5	256QAM	1	24	19.46	19.52	19.50		
5	256QAM	12	0	19.57	19.49	19.48		
5	256QAM	12	7	19.34	19.39	19.56	20.7	2
5	256QAM	12	13	19.40	19.47	19.50		
5	256QAM	25	0	19.39	19.50	19.52		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.69	17.72	17.67		
20	QPSK	1	49	17.60	17.61	17.59	19	0
20	QPSK	1	99	17.64	17.63	17.55		
20	QPSK	50	0	17.65	17.70	17.65		
20	QPSK	50	24	17.64	17.65	17.57	19	0
20	QPSK	50	50	17.65	17.60	17.57		
20	QPSK	100	0	17.63	17.66	17.62		
20	16QAM	1	0	17.64	17.63	17.56		
20	16QAM	1	49	17.57	17.66	17.55	19	0
20	16QAM	1	99	17.61	17.67	17.60		
20	16QAM	50	0	17.58	17.63	17.57		
20	16QAM	50	24	17.59	17.61	17.62	19	0
20	16QAM	50	50	17.64	17.65	17.57		
20	16QAM	100	0	17.62	17.67	17.61		
20	64QAM	1	0	17.62	17.69	17.61		
20	64QAM	1	49	17.61	17.61	17.56	19	0
20	64QAM	1	99	17.57	17.66	17.64		
20	64QAM	50	0	17.57	17.68	17.64		
20	64QAM	50	24	17.62	17.67	17.60	19	0
20	64QAM	50	50	17.60	17.61	17.58		
20	64QAM	100	0	17.65	17.66	17.64		
20	256QAM	1	0	17.64	17.67	17.63		
20	256QAM	1	49	17.60	17.66	17.64	19	0
20	256QAM	1	99	17.61	17.62	17.60		
20	256QAM	50	0	17.56	17.62	17.60		
20	256QAM	50	24	17.63	17.60	17.61	19	0
20	256QAM	50	50	17.65	17.64	17.64		
20	256QAM	100	0	17.64	17.65	17.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.62	17.63	17.59		
15	QPSK	1	37	17.58	17.66	17.56	19	0
15	QPSK	1	74	17.61	17.67	17.55		
15	QPSK	36	0	17.59	17.62	17.60		
15	QPSK	36	20	17.60	17.61	17.61	19	0
15	QPSK	36	39	17.57	17.60	17.62		
15	QPSK	75	0	17.58	17.66	17.58		
15	16QAM	1	0	17.57	17.65	17.62		
15	16QAM	1	37	17.62	17.68	17.56	19	0
15	16QAM	1	74	17.56	17.65	17.62		
15	16QAM	36	0	17.58	17.65	17.55		
15	16QAM	36	20	17.56	17.65	17.57	19	0
15	16QAM	36	39	17.57	17.62	17.58		
15	16QAM	75	0	17.59	17.65	17.59		
15	64QAM	1	0	17.57	17.62	17.57		
15	64QAM	1	37	17.62	17.67	17.61	19	0
15	64QAM	1	74	17.63	17.69	17.63		
15	64QAM	36	0	17.58	17.66	17.60		
15	64QAM	36	20	17.58	17.65	17.58	19	0
15	64QAM	36	39	17.63	17.66	17.62		
15	64QAM	75	0	17.62	17.66	17.57		
15	256QAM	1	0	17.56	17.63	17.55		
15	256QAM	1	37	17.63	17.61	17.55	19	0
15	256QAM	1	74	17.64	17.67	17.56		
15	256QAM	36	0	17.64	17.65	17.56		
15	256QAM	36	20	17.59	17.67	17.57	19	0
15	256QAM	36	39	17.60	17.69	17.59		
15	256QAM	75	0	17.63	17.69	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.65	17.64	17.57		
10	QPSK	1	25	17.58	17.66	17.56	19	0
10	QPSK	1	49	17.61	17.66	17.64		
10	QPSK	25	0	17.63	17.60	17.57		
10	QPSK	25	12	17.61	17.63	17.64	19	0
10	QPSK	25	25	17.56	17.64	17.61		
10	QPSK	50	0	17.59	17.61	17.63		
10	16QAM	1	0	17.58	17.66	17.58		
10	16QAM	1	25	17.58	17.69	17.63	19	0
10	16QAM	1	49	17.58	17.62	17.55		
10	16QAM	25	0	17.64	17.60	17.64		
10	16QAM	25	12	17.57	17.67	17.57	19	0
10	16QAM	25	25	17.63	17.61	17.57		
10	16QAM	50	0	17.60	17.67	17.55		
10	64QAM	1	0	17.62	17.68	17.58		
10	64QAM	1	25	17.57	17.64	17.59	19	0
10	64QAM	1	49	17.63	17.65	17.58		
10	64QAM	25	0	17.64	17.64	17.61		
10	64QAM	25	12	17.64	17.65	17.61	19	0
10	64QAM	25	25	17.57	17.63	17.63		
10	64QAM	50	0	17.58	17.67	17.55		
10	256QAM	1	0	17.61	17.65	17.59		
10	256QAM	1	25	17.60	17.67	17.62	19	0
10	256QAM	1	49	17.64	17.63	17.56		
10	256QAM	25	0	17.61	17.63	17.64		
10	256QAM	25	12	17.64	17.61	17.60	19	0
10	256QAM	25	25	17.59	17.62	17.59		
10	256QAM	50	0	17.68	17.57	17.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.63	17.67	17.60		
5	QPSK	1	12	17.60	17.60	17.58	19	0
5	QPSK	1	24	17.57	17.64	17.55		
5	QPSK	12	0	17.60	17.61	17.63		
5	QPSK	12	7	17.58	17.68	17.64	19	0
5	QPSK	12	13	17.57	17.63	17.58		
5	QPSK	25	0	17.59	17.62	17.55		
5	16QAM	1	0	17.63	17.64	17.61		
5	16QAM	1	12	17.62	17.64	17.58	19	0
5	16QAM	1	24	17.56	17.64	17.62		
5	16QAM	12	0	17.56	17.62	17.55		
5	16QAM	12	7	17.62	17.67	17.61	19	0
5	16QAM	12	13	17.60	17.62	17.61		
5	16QAM	25	0	17.57	17.64	17.64		
5	64QAM	1	0	17.56	17.69	17.57		
5	64QAM	1	12	17.63	17.62	17.61	19	0
5	64QAM	1	24	17.60	17.60	17.58		
5	64QAM	12	0	17.61	17.68	17.59		
5	64QAM	12	7	17.60	17.61	17.62	19	0
5	64QAM	12	13	17.65	17.62	17.64		
5	64QAM	25	0	17.57	17.66	17.64		
5	256QAM	1	0	17.64	17.61	17.56		
5	256QAM	1	12	17.62	17.68	17.62	19	0
5	256QAM	1	24	17.65	17.62	17.64		
5	256QAM	12	0	17.56	17.62	17.60		
5	256QAM	12	7	17.64	17.69	17.59	19	0
5	256QAM	12	13	17.63	17.60	17.61		
5	256QAM	25	0	17.57	17.68	17.56		

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	24.48	24.51	24.48		
10	QPSK	1	25	24.41	24.42	24.35	25.5	0
10	QPSK	1	49	24.47	24.47	24.45		
10	QPSK	25	0	23.38	23.42	23.35		
10	QPSK	25	12	23.38	23.35	23.33	24.5	1
10	QPSK	25	25	23.35	23.40	23.33		
10	QPSK	50	0	23.35	23.39	23.35		
10	16QAM	1	0	23.48	23.54	23.55		
10	16QAM	1	25	23.49	23.51	23.46	24.5	1
10	16QAM	1	49	23.57	23.54	23.55		
10	16QAM	25	0	22.32	22.41	22.32		
10	16QAM	25	12	22.37	22.32	22.31	23.5	2
10	16QAM	25	25	22.38	22.38	22.38		
10	16QAM	50	0	22.33	22.38	22.34		
10	64QAM	1	0	22.47	22.52	22.48		
10	64QAM	1	25	22.50	22.53	22.47	23.5	2
10	64QAM	1	49	22.54	22.55	22.53		
10	64QAM	25	0	21.27	21.37	21.35		
10	64QAM	25	12	21.34	21.35	21.32	22.5	3
10	64QAM	25	25	21.35	21.38	21.33		
10	64QAM	50	0	21.32	21.39	21.34		
10	256QAM	1	0	19.87	19.80	19.79		
10	256QAM	1	25	19.67	19.70	19.63	20.5	5
10	256QAM	1	49	19.57	19.63	19.60		
10	256QAM	25	0	19.75	19.67	19.60		
10	256QAM	25	12	19.67	19.59	19.58	20.5	5
10	256QAM	25	25	19.62	19.56	19.50		
10	256QAM	50	0	19.70	19.64	19.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.46	24.44	24.38		
5	QPSK	1	12	24.32	24.31	24.33	25.5	0
5	QPSK	1	24	24.42	24.44	24.42		
5	QPSK	12	0	23.34	23.33	23.27		
5	QPSK	12	7	23.32	23.27	23.22	24.5	1
5	QPSK	12	13	23.30	23.33	23.26		
5	QPSK	25	0	23.25	23.32	23.25		
5	16QAM	1	0	23.40	23.50	23.51		
5	16QAM	1	12	23.43	23.40	23.43	24.5	1
5	16QAM	1	24	23.46	23.52	23.47		
5	16QAM	12	0	22.26	22.37	22.28		
5	16QAM	12	7	22.29	22.27	22.28	23.5	2
5	16QAM	12	13	22.34	22.28	22.36		
5	16QAM	25	0	22.25	22.30	22.23		
5	64QAM	1	0	22.41	22.43	22.44		
5	64QAM	1	12	22.46	22.44	22.45	23.5	2
5	64QAM	1	24	22.48	22.52	22.49		
5	64QAM	12	0	21.23	21.34	21.25		
5	64QAM	12	7	21.32	21.29	21.27	22.5	3
5	64QAM	12	13	21.30	21.35	21.24		
5	64QAM	25	0	21.23	21.32	21.27		
5	256QAM	1	0	19.83	19.79	19.78		
5	256QAM	1	12	19.60	19.77	19.61	20.5	5
5	256QAM	1	24	19.52	19.71	19.58		
5	256QAM	12	0	19.82	19.66	19.66		
5	256QAM	12	7	19.72	19.59	19.53	20.5	5
5	256QAM	12	13	19.65	19.55	19.58		
5	256QAM	25	0	19.72	19.69	19.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.45	24.43	24.44		
3	QPSK	1	8	24.34	24.39	24.33	25.5	0
3	QPSK	1	14	24.43	24.43	24.36		
3	QPSK	8	0	23.31	23.36	23.24		
3	QPSK	8	4	23.28	23.24	23.28	24.5	1
3	QPSK	8	7	23.30	23.30	23.22		
3	QPSK	15	0	23.24	23.34	23.24		
3	16QAM	1	0	23.39	23.47	23.51		
3	16QAM	1	8	23.43	23.45	23.37	24.5	1
3	16QAM	1	14	23.53	23.49	23.47		
3	16QAM	8	0	22.25	22.38	22.29		
3	16QAM	8	4	22.35	22.22	22.20	23.5	2
3	16QAM	8	7	22.34	22.30	22.27		
3	16QAM	15	0	22.22	22.30	22.29		
3	64QAM	1	0	22.42	22.43	22.40		
3	64QAM	1	8	22.46	22.43	22.37	23.5	2
3	64QAM	1	14	22.47	22.47	22.43		
3	64QAM	8	0	21.20	21.29	21.31		
3	64QAM	8	4	21.31	21.27	21.24	22.5	3
3	64QAM	8	7	21.30	21.32	21.23		
3	64QAM	15	0	21.29	21.35	21.29		
3	256QAM	1	0	19.89	19.80	19.79		
3	256QAM	1	8	19.72	19.64	19.58	20.5	5
3	256QAM	1	14	19.68	19.55	19.63		
3	256QAM	8	0	19.83	19.67	19.67		
3	256QAM	8	4	19.75	19.57	19.59	20.5	5
3	256QAM	8	7	19.61	19.51	19.55		
3	256QAM	15	0	19.68	19.57	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.37	24.49	24.46		
1.4	QPSK	1	3	24.34	24.35	24.26		
1.4	QPSK	1	5	24.43	24.40	24.42	25.5	0
1.4	QPSK	3	0	24.46	24.42	24.45		
1.4	QPSK	3	1	24.37	24.35	24.32		
1.4	QPSK	3	3	24.43	24.43	24.40		
1.4	QPSK	6	0	23.35	23.34	23.33	24.5	1
1.4	16QAM	1	0	23.29	23.30	23.23		
1.4	16QAM	1	3	23.26	23.30	23.31		
1.4	16QAM	1	5	23.33	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.37	23.51	23.52		
1.4	16QAM	3	1	23.46	23.46	23.44		
1.4	16QAM	3	3	23.48	23.51	23.46		
1.4	16QAM	6	0	22.24	22.31	22.23	23.5	2
1.4	64QAM	1	0	22.35	22.30	22.29		
1.4	64QAM	1	3	22.34	22.31	22.35		
1.4	64QAM	1	5	22.24	22.34	22.23	23.5	2
1.4	64QAM	3	0	22.40	22.45	22.40		
1.4	64QAM	3	1	22.48	22.47	22.44		
1.4	64QAM	3	3	22.41	22.50	22.46		
1.4	64QAM	6	0	21.24	21.27	21.26	22.5	3
1.4	256QAM	1	0	19.79	19.77	19.71		
1.4	256QAM	1	3	19.68	19.73	19.67		
1.4	256QAM	1	5	19.55	19.58	19.60	20.5	5
1.4	256QAM	3	0	19.81	19.72	19.54		
1.4	256QAM	3	1	19.59	19.63	19.54		
1.4	256QAM	3	3	19.57	19.60	19.42		
1.4	256QAM	6	0	19.65	19.71	19.63	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.91	23.94	23.90		
10	QPSK	1	25	23.89	23.84	23.79	25.5	0
10	QPSK	1	49	23.88	23.93	23.89		
10	QPSK	25	0	22.86	23.00	22.94		
10	QPSK	25	12	22.84	22.79	22.74	24.5	1
10	QPSK	25	25	22.84	22.84	22.80		
10	QPSK	50	0	22.82	22.95	22.77		
10	16QAM	1	0	22.97	23.03	23.02		
10	16QAM	1	25	22.97	22.94	22.93	24.5	1
10	16QAM	1	49	23.05	23.00	23.04		
10	16QAM	25	0	21.80

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		25.09			
10	QPSK	1	25		25.05		25.7	0
10	QPSK	1	49		24.77			
10	QPSK	25	0		24.00			
10	QPSK	25	12		23.98		24.7	1
10	QPSK	25	25		23.94			
10	QPSK	50	0		23.96			
10	16QAM	1	0		24.30			
10	16QAM	1	25		23.98		24.7	1
10	16QAM	1	49		24.19			
10	16QAM	25	0		22.98			
10	16QAM	25	12		22.98		23.7	2
10	16QAM	25	25		22.93			
10	16QAM	50	0		22.92			
10	64QAM	1	0		23.23			
10	64QAM	1	25		23.13		23.7	2
10	64QAM	1	49		23.13			
10	64QAM	25	0		21.95			
10	64QAM	25	12		21.98		22.7	3
10	64QAM	25	25		21.92			
10	64QAM	50	0		21.96			
10	256QAM	1	0		20.47			
10	256QAM	1	25		20.30		20.7	5
10	256QAM	1	49		20.30			
10	256QAM	25	0		20.25			
10	256QAM	25	12		20.22		20.7	5
10	256QAM	25	25		20.17			
10	256QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.99	25.02	25.06		
5	QPSK	1	12	24.96	25.03	24.95	25.7	0
5	QPSK	1	24	24.68	24.74	24.70		
5	QPSK	12	0	23.94	23.91	23.91		
5	QPSK	12	7	23.87	23.90	23.96	24.7	1
5	QPSK	12	13	23.90	23.91	23.86		
5	QPSK	25	0	23.93	23.93	23.89		
5	16QAM	1	0	24.26	24.27	24.28		
5	16QAM	1	12	23.96	23.92	23.95	24.7	1
5	16QAM	1	24	24.09	24.11	24.15		
5	16QAM	12	0	22.87	22.91	22.95		
5	16QAM	12	7	22.92	22.90	22.94	23.7	2
5	16QAM	12	13	22.84	22.87	22.82		
5	16QAM	25	0	22.85	22.87	22.89		
5	64QAM	1	0	23.17	23.21	23.13		
5	64QAM	1	12	23.03	23.09	23.04	23.7	2
5	64QAM	1	24	23.10	23.06	23.04		
5	64QAM	12	0	21.89	21.85	21.87		
5	64QAM	12	7	21.92	21.90	21.93	22.7	3
5	64QAM	12	13	21.87	21.82	21.83		
5	64QAM	25	0	21.93	21.93	21.90		
5	256QAM	1	0	20.42	20.44	20.48		
5	256QAM	1	12	20.22	20.23	20.27	20.7	5
5	256QAM	1	24	20.30	20.28	20.24		
5	256QAM	12	0	20.22	20.30	20.29		
5	256QAM	12	7	20.28	20.30	20.28	20.7	5
5	256QAM	12	13	20.25	20.19	20.13		
5	256QAM	25	0	20.13	20.18	20.21		

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		24.38			
10	QPSK	1	25		24.35		25.5	0
10	QPSK	1	49		24.25			
10	QPSK	25	0		23.26			
10	QPSK	25	12		23.25		24.5	1
10	QPSK	25	25		23.22			
10	QPSK	50	0		23.23			
10	16QAM	1	0		23.59			
10	16QAM	1	25		23.34		24.5	1
10	16QAM	1	49		23.45			
10	16QAM	25	0		22.27			
10	16QAM	25	12		22.25		23.5	2
10	16QAM	25	25		22.19			
10	16QAM	50	0		22.23			
10	64QAM	1	0		22.50			
10	64QAM	1	25		22.39		23.5	2
10	64QAM	1	49		22.39			
10	64QAM	25	0		21.23			
10	64QAM	25	12		21.22		22.5	3
10	64QAM	25	25		21.19			
10	64QAM	50	0		21.21			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.55		20.5	5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.51		20.5	5
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.48			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.32	24.29	24.34		
5	QPSK	1	12	24.30	24.27	24.24	25.5	0
5	QPSK	1	24	24.17	24.16	24.16		
5	QPSK	12	0	23.24	23.22	23.15		
5	QPSK	12	7	23.19	23.16	23.18	24.5	1
5	QPSK	12	13	23.19	23.20	23.19		
5	QPSK	25	0	23.18	23.14	23.21		
5	16QAM	1	0	23.56	23.51	23.49		
5	16QAM	1	12	23.24	23.26	23.31	24.5	1
5	16QAM	1	24	23.40	23.35	23.35		
5	16QAM	12	0	22.19	22.21	22.20		
5	16QAM	12	7	22.19	22.17	22.20	23.5	2
5	16QAM	12	13	22.12	22.15	22.15		
5	16QAM	25	0	22.20	22.21	22.13		
5	64QAM	1	0	22.44	22.44	22.41		
5	64QAM	1	12	22.28	22.34	22.31	23.5	2
5	64QAM	1	24	22.29	22.36	22.36		
5	64QAM	12	0	21.15	21.12	21.20		
5	64QAM	12	7	21.19	21.17	21.17	22.5	3
5	64QAM	12	13	21.12	21.15	21.17		
5	64QAM	25	0	21.18	21.14	21.12		
5	256QAM	1	0	19.85	19.74	19.72		
5	256QAM	1	12	19.53	19.59	19.52	20.5	5
5	256QAM	1	24	19.62	19.62	19.51		
5	256QAM	12	0	19.56	19.46	19.53		
5	256QAM	12	7	19.58	19.55	19.44	20.5	5
5	256QAM	12	13	19.38	19.40	19.46		
5	256QAM	25	0	19.40	19.40	19.46		

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	24.46	24.50	24.48		
10	QPSK	1	25	24.42	24.40	24.38	25.5	0
10	QPSK	1	49	24.45	24.40	24.46		
10	QPSK	25	0	23.42	23.45	23.38		
10	QPSK	25	12	23.35	23.36	23.33	24.5	1
10	QPSK	25	25	23.41	23.41	23.35		
10	QPSK	50	0	23.40	23.42	23.36		
10	16QAM	1	0	23.52	23.52	23.55		
10	16QAM	1	25	23.53	23.55	23.51	24.5	1
10	16QAM	1	49	23.51	23.49	23.56		
10	16QAM	25	0	22.39	22.39	22.36		
10	16QAM	25	12	22.34	22.33	22.32	23.5	2
10	16QAM	25	25	22.40	22.39	22.34		
10	16QAM	50	0	22.38	22.39	22.34		
10	64QAM	1	0	22.45	22.53	22.47		
10	64QAM	1	25	22.56	22.52	22.48	23.5	2
10	64QAM	1	49	22.53	22.49	22.52		
10	64QAM	25	0	21.39	21.41	21.36		
10	64QAM	25	12	21.33	21.33	21.32	22.5	3
10	64QAM	25	25	21.41	21.39	21.32		
10	64QAM	50	0	21.40	21.39	21.36		
10	256QAM	1	0	19.77	19.84	19.82		
10	256QAM	1	25	19.66	19.72	19.68	20.5	5
10	256QAM	1	49	19.66	19.67	19.59		
10	256QAM	25	0	19.66	19.68	19.67		
10	256QAM	25	12	19.69	19.61	19.66	20.5	5
10	256QAM	25	25	19.66	19.63	19.63		
10	256QAM	50	0	19.72	19.69	19.69		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.40	24.45		
5	QPSK	1	12	24.34	24.29	24.34	25.5	0
5	QPSK	1	24	24.36	24.29	24.39		
5	QPSK	12	0	23.40	23.41	23.27		
5	QPSK	12	7	23.32	23.28	23.22	24.5	1
5	QPSK	12	13	23.30	23.39	23.27		
5	QPSK	25	0	23.33	23.34	23.32		
5	16QAM	1	0	23.41	23.41	23.50		
5	16QAM	1	12	23.50	23.48	23.45	24.5	1
5	16QAM	1	24	23.48	23.47	23.46		
5	16QAM	12	0	22.32	22.36	22.28		
5	16QAM	12	7	22.27	22.29	22.30	23.5	2
5	16QAM	12	13	22.32	22.37	22.30		
5	16QAM	25	0	22.33	22.30	22.24		
5	64QAM	1	0	22.39	22.44	22.40		
5	64QAM	1	12	22.50	22.46	22.44	23.5	2
5	64QAM	1	24	22.48	22.45	22.45		
5	64QAM	12	0	21.29	21.31	21.32		
5	64QAM	12	7	21.26	21.29	21.28	22.5	3
5	64QAM	12	13	21.33	21.32	21.30		
5	64QAM	25	0	21.36	21.34	21.33		
5	256QAM	1	0	19.82	19.89	19.74		
5	256QAM	1	12	19.62	19.71	19.67	20.5	5
5	256QAM	1	24	19.66	19.66	19.66		
5	256QAM	12	0	19.67	19.75	19.61		
5	256QAM	12	7	19.75	19.57	19.58	20.5	5
5	256QAM	12	13	19.60	19.70	19.64		
5	256QAM	25	0	19.72	19.76	19.77		

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	23.88	23.95	23.89		
10	QPSK	1	25	23.84	23.84	23.82	25.5	0
10	QPSK	1	49	23.86	23.87	23.88		
10	QPSK	25	0	22.82	22.86	22.78		
10	QPSK	25	12	22.75	22.76	22.73	24.5	1
10	QPSK	25	25	22.81	22.80	22.75		
10	QPSK	50	0	22.83	22.85	22.77		
10	16QAM	1	0	22.90	22.93	22.95		
10	16QAM	1	25	22.95	22.96	22.95	24.5	1
10	16QAM	1	49	22.99	22.93	22.96		
10	16QAM	25	0	21.83	21.79	21.77		
10	16QAM	25	12	21.74	21.75	21.71	23.5	2
10	16QAM	25	25	21.82	21.80	21.74		
10	16QAM	50	0	21.82	21.80	21.74		
10	64QAM	1	0	21.92	21.97	21.92		
10	64QAM	1	25	21.97	21.96	21.85	23.5	2
10	64QAM	1	49	21.90	21.88	21.96		
10	64QAM	25	0	20.83	20.82	20.78		
10	64QAM	25	12	20.76	20.76	20.74	22.5	3
10	64QAM	25	25	20.84	20.81	20.76		
10	64QAM	50	0	20.83	20.81	20.75		
10	256QAM	1	0	19.22	19.23	19.21		
10	256QAM	1	25	19.20	19.12	19.07	20.5	5
10	256QAM	1	49	19.20	19.12	19.08		
10	256QAM	25	0	19.07	19.13	19.15		
10	256QAM	25	12	19.01	19.04	19.00	20.5	5
10	256QAM	25	25	19.12	19.06	19.13		
10	256QAM	50	0	19.15	19.10	19.09		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.77	23.91	23.82		
5	QPSK	1	12	23.78	23.73	23.71	25.5	0
5	QPSK	1	24	23.77	23.77	23.79		
5	QPSK	12	0	22.78	22.82	22.72		
5	QPSK	12	7	22.71	22.72	22.64	24.5	1
5	QPSK	12	13	22.75	22.69	22.66		
5	QPSK	25	0	22.72	22.76	22.73		
5	16QAM	1	0	22.85	22.89	22.93		
5	16QAM	1	12	22.88	22.90	22.84	24.5	1
5	16QAM	1	24	22.90	22.90	22.88		
5	16QAM	12	0	21.74	21.77	21.67		
5	16QAM	12	7	21.71	21.68	21.64	23.5	2
5	16QAM	12	13	21.74	21.70	21.64		
5	16QAM	25	0	21.72	21.78	21.70		
5	64QAM	1	0	21.89	21.86	21.88		
5	64QAM	1	12	21.87	21.90	21.83	23.5	2
5	64QAM	1	24	21.83	21.86	21.92		
5	64QAM	12	0	20.72	20.75	20.69		
5	64QAM	12	7	20.66	20.69	20.64	22.5	3
5	64QAM	12	13	20.80	20.72	20.73		
5	64QAM	25	0	20.72	20.70	20.72		
5	256QAM	1	0	19.19	19.15	19.17		
5	256QAM	1	12	19.28	19.07	19.03	20.5	5
5	256QAM	1	24	19.20	19.15	19.11		
5	256QAM	12	0	19.12	19.14	19.13		
5	256QAM	12	7	18.94	19.06	19.07	20.5	5
5	256QAM	12	13	19.09	19.02	19.10		
5	256QAM	25	0	19.11	19.06	19.05		

Band 26_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	25.02	25.05	24.86		
15	QPSK	1	37	24.79	24.89	24.68	25.7	0
15	QPSK	1	74	25.00	24.89	24.78		
15	QPSK	36	0	23.95	23.97	23.75		
15	QPSK	36	20	23.85	23.84	23.69	24.7	1
15	QPSK	36	39	23.90	23.84	23.71		
15	QPSK	75	0	23.83	23.87	23.74		
15	16QAM	1	0	23.96	24.02	24.07		
15	16QAM	1	37	23.96	24.05	23.82	24.7	1
15	16QAM	1	74	24.01	24.05	23.96		
15	16QAM	36	0	22.79	22.89	22.74		
15	16QAM	36	20	22.83	22.81	22.68	23.7	2
15	16QAM	36	39	22.87	22.85	22.71		
15	16QAM	75	0	22.82	22.84	22.75		
15	64QAM	1	0	22.93	22.97	23.00		
15	64QAM	1	37	22.89	23.00	22.79	23.7	2
15	64QAM	1	74	23.00	23.00	22.91		
15	64QAM	36	0	21.79	21.88	21.73		
15	64QAM	36	20	21.83	21.81	21.68	22.7	3
15	64QAM	36	39	21.88	21.84	21.70		
15	64QAM	75	0	21.84	21.83	21.74		
15	256QAM	1	0	20.18	20.21	20.18		
15	256QAM	1	37	20.21	20.20	20.12	20.7	5
15	256QAM	1	74	20.09	20.12	20.04		
15	256QAM	36	0	20.09	20.03	20.03		
15	256QAM	36	20	20.02	19.96	19.96	20.7	5
15	256QAM	36	39	20.03	19.99	19.93		
15	256QAM	75	0	19.99	20.03	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.95	24.94	24.75		
10	QPSK	1	25	24.71	24.83	24.59	25.7	0
10	QPSK	1	49	24.93	24.85	24.73		
10	QPSK	25	0	23.85	23.87	23.71		
10	QPSK	25	12	23.74	23.82	23.66	24.7	1
10	QPSK	25	25	23.81	23.82	23.69		
10	QPSK	50	0	23.77	23.79	23.71		
10	16QAM	1	0	22.87	23.98	24.01		
10	16QAM	1	25	23.82	23.98	23.72	24.7	1
10	16QAM	1	49	23.97	23.97	23.91		
10	16QAM	25	0	22.74	22.81	22.71		
10	16QAM	25	12	22.73	22.70	22.58	23.7	2
10	16QAM	25	25	22.81	22.75	22.64		
10	16QAM	50	0	22.77	22.81	22.70		
10	64QAM	1	0	22.83	22.91	22.93		
10	64QAM	1	25	22.86	22.97	22.71	23.7	2
10	64QAM	1	49	22.97	22.94	22.85		
10	64QAM	25	0	21.76	21.83	21.65		
10	64QAM	25	12	21.78	21.75	21.57	22.7	3
10	64QAM	25	25	21.78	21.80	21.62		
10	64QAM	50	0	21.75	21.75	21.71		
10	256QAM	1	0	20.23	20.28	20.24		
10	256QAM	1	25	20.14	20.22	20.06	20.7	5
10	256QAM	1	49	20.17	20.08	20.08		
10	256QAM	25	0	20.01	19.98	20.07		
10	256QAM	25	12	19.94	19.88	19.98	20.7	5
10	256QAM	25	25	20.03	19.92	19.96		
10	256QAM	50	0	19.91	20.10	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	24.99	24.76		
5	QPSK	1	12	24.71	24.83	24.63	25.7	0
5	QPSK	1	24	24.96	24.82	24.75		
5	QPSK	12	0	23.94	23.97	23.67		
5	QPSK	12	7	23.82	23.80	23.60	24.7	1
5	QPSK	12	13	23.81	23.80	23.66		
5	QPSK	25	0	23.77	23.77	23.70		
5	16QAM	1	0	23.92	23.91	24.00		
5	16QAM	1	12	23.83	24.02	23.77	24.7	1
5	16QAM	1	24	23.95	23.99	23.85		
5	16QAM	12	0	22.73	22.78	22.68		
5	16QAM	12	7	22.73	22.72	22.64	23.7	2
5	16QAM	12	13	22.76	22.79	22.64		
5	16QAM	25	0	22.75	22.80	22.67		
5	64QAM	1	0	22.91	22.88	22.91		
5	64QAM	1	12	22.84	22.97	22.76	23.7	2
5	64QAM	1	24	23.00	22.93	22.84		
5	64QAM	12	0	21.71	21.81	21.62		
5	64QAM	12	7	21.76	21.70	21.65	22.7	3
5	64QAM	12	13	21.80	21.76	21.63		
5	64QAM	25	0	21.76	21.76	21.66		
5	256QAM	1	0	20.16	20.26	20.22		
5	256QAM	1	12	20.24	20.26	20.16	20.7	5
5	256QAM	1	24	20.11	20.18	20.10		
5	256QAM	12	0	20.09	20.04	20.11		
5	256QAM	12	7	20.07	20.01	19.91	20.7	5
5	256QAM	12	13	20.07	19.94	19.93		
5	256QAM	25	0	20.05	20.11	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	24.98	24.81		
3	QPSK	1	8	24.69	24.81	24.64	25.7	0
3	QPSK	1	14	24.97	24.79	24.70		
3	QPSK	8	0	23.85	23.93	23.66		
3	QPSK	8	4	23.79	23.82	23.58	24.7	1
3	QPSK	8	7	23.81	23.77	23.66		
3	QPSK	15	0	23.77	23.83	23.64		
3	16QAM	1	0	23.86	23.98	24.00		
3	16QAM	1	8	23.87	23.95	23.71	24.7	1
3	16QAM	1	14	23.96	24.01	23.86		
3	16QAM	8	0	22.71	22.78	22.72		
3	16QAM	8	4	22.77	22.75	22.64	23.7	2
3	16QAM	8	7	22.76	22.75	22.68		
3	16QAM	15	0	22.76	22.81	22.69		
3	64QAM	1	0	22.87	22.91	22.92		
3	64QAM	1	8	22.95	22.92	22.72	23.7	2
3	64QAM	1	14	22.94	22.96	22.87		
3	64QAM	8	0	21.75	21.86	21.67		
3	64QAM	8	4	21.73	21.70	21.58	22.7	3
3	64QAM	8	7	21.82	21.82	21.63		
3	64QAM	15	0	21.76	21.72	21.68		
3	256QAM	1	0	20.20	20.19	20.17		
3	256QAM	1	8	20.13	20.25	20.04	20.7	5
3	256QAM	1	14	20.17	20.18	20.02		
3	256QAM	8	0	20.17	20.00	20.00		
3	256QAM	8	4	20.04	19.94	19.95	20.7	5
3	256QAM	8	7	20.03	20.03	20.00		
3	256QAM	15	0	20.05	20.05	20.03		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.96	24.97	24.75		
1.4	QPSK	1	3	24.74	24.84	24.59		
1.4	QPSK	1	5	24.94	24.85	24.74	25.7	0
1.4	QPSK	3	0	24.91	24.94	24.80		
1.4	QPSK	3	1	24.70	24.84	24.61		
1.4	QPSK	3	3	24.97	24.82	24.75		
1.4	QPSK	6	0	23.81	23.91	23.72	24.7	1
1.4	16QAM	1	0	23.79	23.78	23.62		
1.4	16QAM	1	3	23.82	23.78	23.66		
1.4	16QAM	1	5	23.73	23.83	23.72	24.7	1
1.4	16QAM	3	0	23.87	23.93	24.03		
1.4	16QAM	3	1	23.85	24.00	23.75		
1.4	16QAM	3	3	23.94	24.01	23.94		
1.4	16QAM	6	0	22.70	22.78	22.64	23.7	2
1.4	64QAM	1	0	22.79	22.71	22.63		
1.4	64QAM	1	3	22.79	22.77	22.67		
1.4	64QAM	1	5	22.77	22.74	22.70	23.7	2
1.4	64QAM	3	0	22.84	22.86	22.97		
1.4	64QAM	3	1	22.79	22.98	22.73		
1.4	64QAM	3	3	22.91	22.92	22.82		
1.4	64QAM	6	0	21.72	21.82	21.70	22.7	3
1.4	256QAM	1	0	20.10	20.17	20.21		
1.4	256QAM	1	3	20.20	20.17	20.16		
1.4	256QAM	1	5	20.05	20.07	20.09	20.7	5
1.4	256QAM	3	0	20.12	19.95	19.99		
1.4	256QAM	3	1	20.01	19.99	20.00		
1.4	256QAM	3	3	20.04	20.04	19.89		
1.4	256QAM	6	0	19.93	20.05	19.94	20.7	5

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.18	23.20	23.05		
15	QPSK	1	37	23.10	23.09	22.94	24.5	0
15	QPSK	1	74	23.14	23.18	23.00		
15	QPSK	36	0	23.11	23.15	22.94		
15	QPSK	36	20	23.06	23.03	22.89	24.5	0
15	QPSK	36	39	23.09	23.06	22.92		
15	QPSK	75	0	23.04	23.06	22.96		
15	16QAM	1	0	23.14	23.17	23.04		
15	16QAM	1	37	23.15	23.12	23.02	24.5	0
15	16QAM	1	74	23.05	23.13	23.04		
15	16QAM	36	0	21.98	22.09	21.95		
15	16QAM	36	20	22.05	22.03	21.88	23.5	1
15	16QAM	36	39	22.08	22.05	21.91		
15	16QAM	75	0	22.03	22.06	21.94		
15	64QAM	1	0	22.20	22.22	22.14		
15	64QAM	1	37	22.10	22.24	21.96	23.5	1
15	64QAM	1	74	22.31	22.22	22.07		
15	64QAM	36	0	21.00	21.08	20.92		
15	64QAM	36	20	21.05	21.01	20.87	22.5	2
15	64QAM	36	39	21.08	21.06	20.89		
15	64QAM	75	0	21.05	21.05	20.94		
15	256QAM	1	0	19.42	19.39	19.46		
15	256QAM	1	37	19.36	19.35	19.29	20.5	4
15	256QAM	1	74	19.30	19.23	19.17		
15	256QAM	36	0	19.22	19.19	19.17		
15	256QAM	36	20	19.04	19.08	19.14	20.5	4
15	256QAM	36	39	19.06	19.12	19.05		
15	256QAM	75	0	19.10	19.18	19.19		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.08	23.09	22.94		
10	QPSK	1	25	23.14	23.06	23.00	24.5	0
10	QPSK	1	49	23.08	23.19	23.03		
10	QPSK	25	0	23.04	23.06	22.93		
10	QPSK	25	12	22.98	22.93	22.83	24.5	0
10	QPSK	25	25	22.99	23.02	22.86		
10	QPSK	50	0	23.01	22.96	22.87		
10	16QAM	1	0	23.06	23.18	22.92		
10	16QAM	1	25	23.17	23.10	22.90	24.5	0
10	16QAM	1	49	23.12	23.14	22.97		
10	16QAM	25	0	21.88	22.06	21.92		
10	16QAM	25	12	21.95	21.92	21.82	23.5	1
10	16QAM	25	25	21.97	22.03	21.83		
10	16QAM	50	0	21.93	22.03	21.90		
10	64QAM	1	0	22.13	22.13	22.11		
10	64QAM	1	25	22.07	22.22	21.87	23.5	1
10	64QAM	1	49	22.24	22.17	22.04		
10	64QAM	25	0	20.95	21.00	20.83		
10	64QAM	25	12	20.97	20.95	20.81	22.5	2
10	64QAM	25	25	21.03	20.99	20.82		
10	64QAM	50	0	21.03	21.02	20.89		
10	256QAM	1	0	19.37	19.44	19.48		
10	256QAM	1	25	19.38	19.33	19.27	20.5	4
10	256QAM	1	49	19.23	19.17	19.16		
10	256QAM	25	0	19.30	19.17	19.12		
10	256QAM	25	12	19.02	19.00	19.17	20.5	4
10	256QAM	25	25	19.13	19.13	19.02		
10	256QAM	50	0	19.03	19.23	19.15		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.10	23.07	22.96		
5	QPSK	1	12	23.05	23.09	22.92	24.5	0
5	QPSK	1	24	23.14	23.14	22.94		
5	QPSK	12	0	23.01	23.11	22.89		
5	QPSK	12	7	22.98	22.94	22.78	24.5	0
5	QPSK	12	13	23.01	22.99	22.86		
5	QPSK	25	0	23.01	22.98	22.94		
5	16QAM	1	0	23.08	23.08	22.91		
5	16QAM	1	12	23.11	23.05	22.92	24.5	0
5	16QAM	1	24	23.10	23.12	22.93		
5	16QAM	12	0	21.87	22.00	21.89		
5	16QAM	12	7	22.03	22.01	21.91	23.5	1
5	16QAM	12	13	22.02	22.03	21.82		
5	16QAM	25	0	22.01	21.95	21.92		
5	64QAM	1	0	22.10	22.12	22.10		
5	64QAM	1	12	22.05	22.18	21.86	23.5	1
5	64QAM	1	24	22.22	22.11	22.04		
5	64QAM	12	0	20.93	21.03	20.86		
5	64QAM	12	7	20.94	20.91	20.79	22.5	2
5	64QAM	12	13	21.02	21.00	20.84		
5	64QAM	25	0	20.95	20.94	20.91		
5	256QAM	1	0	19.40	19.35	19.38		
5	256QAM	1	12	19.29	19.31	19.33	20.5	4
5	256QAM	1	24	19.30	19.25	19.21		
5	256QAM	12	0	19.21	19.26	19.12		
5	256QAM	12	7	18.96	19.09	19.15	20.5	4
5	256QAM	12	13	18.98	19.12	19.10		
5	256QAM	25	0	19.17	19.23	19.23		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.13	23.14	22.98		
3	QPSK	1	8	23.12	23.18	22.91	24.5	0
3	QPSK	1	14	23.11	23.17	22.93		
3	QPSK	8	0	23.00	23.09	22.85		
3	QPSK	8	4	22.96	22.94	22.86	24.5	0
3	QPSK	8	7	23.01	22.99	22.86		
3	QPSK	15	0	23.01	22.99	22.93		
3	16QAM	1	0	23.16	23.15	22.95		
3	16QAM	1	8	23.13	23.12	22.95	24.5	0
3	16QAM	1	14	23.16	23.16	22.99		
3	16QAM	8	0	21.93	22.04	21.91		
3	16QAM	8	4	22.02	22.00	21.78	23.5	1
3	16QAM	8	7	22.05	22.02	21.84		
3	16QAM	15	0	21.96	22.04	21.88		
3	64QAM	1	0	22.16	22.18	22.08		
3	64QAM	1	8	22.24	22.17	22.07	23.5	1
3	64QAM	1	14	22.24	22.17	22.07		
3	64QAM	8	0	20.89	21.02	20.84		
3	64QAM	8	4	20.99	20.95	20.84	22.5	2
3	64QAM	8	7	21.00	20.98	20.81		
3	64QAM	15	0	20.99	21.01	20.87		
3	256QAM	1	0	19.39	19.35	19.51		
3	256QAM	1	8	19.36	19.36	19.36	20.5	4
3	256QAM	1	14	19.23	19.21	19.23		
3	256QAM	8	0	19.20	19.20	19.24		
3	256QAM	8	4	18.98	19.02	19.06	20.5	4
3	256QAM	8	7	18.99	19.09	19.02		
3	256QAM	15	0	19.03	19.02	19.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.05	23.08	22.96		
1.4	QPSK	1	3	23.03	23.15	22.99		
1.4	QPSK	1	5	23.09	23.14	22.97	24.5	0
1.4	QPSK	3	0	23.04	23.10	22.91		
1.4	QPSK	3	1	23.08	23.16	23.01		
1.4	QPSK	3	3	23.17	23.05	22.92		
1.4	QPSK	6	0	23.05	23.11	22.94	24.5	0
1.4	16QAM	1	0	23.02	22.95	22.79		
1.4	16QAM	1	3	23.00	23.01	22.87		
1.4	16QAM	1	5	22.95	23.03	22.86	24.5	0
1.4	16QAM	3	0	23.16	23.12	22.98		
1.4	16QAM	3	1	23.13	23.05	22.90		
1.4	16QAM	3	3	23.03	23.06	22.99		
1.4	16QAM	6	0	21.96	22.00	21.87	23.5	1
1.4	64QAM	1	0	21.99	22.00	21.83		
1.4	64QAM	1	3	22.01	22.04	21.83		
1.4	64QAM	1	5	21.94	21.97	21.83	23.5	1
1.4	64QAM	3	0	22.12	22.16	22.04		
1.4	64QAM	3	1	22.01	22.19	21.88		
1.4	64QAM	3	3	22.27	22.15	22.02		
1.4	64QAM	6	0	20.91	20.98	20.89	22.5	2
1.4	256QAM	1	0	19.41	19.47	19.43		
1.4	256QAM	1	3	19.33	19.36	19.22		
1.4	256QAM	1	5	19.33	19.19	19.20	20.5	4
1.4	256QAM	3	0	19.25	19.18	19.12		
1.4	256QAM	3	1	19.11	19.10	19.09		
1.4	256QAM	3	3	19.01	19.09	19.11		
1.4	256QAM	6	0	19.07	19.26	19.23	20.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.03	22.08	22.00		
20	QPSK	1	49	21.97	21.93	21.90	23	0
20	QPSK	1	99	21.91	21.95	21.92		
20	QPSK	50	0	22.00	22.03	21.97		
20	QPSK	50	24	21.96	21.95	21.88	23	0
20	QPSK	50	50	21.92	21.93	21.88		
20	QPSK	100	0	21.97	22.00	21.92		
20	16QAM	1	0	21.93	21.96	21.88		
20	16QAM	1	49	21.96	21.97	21.93	23	0
20	16QAM	1	99	21.92	21.94	21.94		
20	16QAM	50	0	21.98	22.02	21.88		
20	16QAM	50	24	21.88	22.02	21.88	23	0
20	16QAM	50	50	21.91	21.91	21.96		
20	16QAM	100	0	21.96	21.90	21.85		
20	64QAM	1	0	21.89	21.91	21.93		
20	64QAM	1	49	21.93	21.88	21.85	23	0
20	64QAM	1	99	21.92	21.94	21.92		
20	64QAM	50	0	21.60	21.47	21.48		
20	64QAM	50	24	21.55	21.47	21.39	22.5	0.5
20	64QAM	50	50	21.57	21.46	21.34		
20	64QAM	100	0	21.58	21.46	21.39		
20	256QAM	1	0	19.63	19.60	19.52		
20	256QAM	1	49	19.59	19.60	19.53	20.5	2.5
20	256QAM	1	99	19.39	19.46	19.42		
20	256QAM	50	0	19.36	19.38	19.30		
20	256QAM	50	24	19.33	19.40	19.40	20.5	2.5
20	256QAM	50	50	19.47	19.48	19.54		
20	256QAM	100	0	19.51	19.44	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.96	22.01	21.91		
15	QPSK	1	37	21.96	21.82	21.88	23	0
15	QPSK	1	74	21.86	21.85	21.87		
15	QPSK	36	0	21.86	21.86	21.87		
15	QPSK	36	20	21.83	21.89	21.75	23	0
15	QPSK	36	39	21.89	21.81	21.83		
15	QPSK	75	0	21.90	21.93	21.88		
15	16QAM	1	0	21.82	21.81	21.79		
15	16QAM	1	37	21.90	21.85	21.88	23	0
15	16QAM	1	74	21.87	21.86	21.88		
15	16QAM	36	0	21.94	21.88	21.83		
15	16QAM	36	20	21.73	21.82	21.78	23	0
15	16QAM	36	39	21.77	21.83	21.83		
15	16QAM	75	0	21.95	21.87	21.73		
15	64QAM	1	0	21.84	21.85	21.83		
15	64QAM	1	37	21.86	21.86	21.70	23	0
15	64QAM	1	74	21.98	21.86	21.79		
15	64QAM	36	0	21.51	21.40	21.45		
15	64QAM	36	20	21.52	21.38	21.30	22.5	0.5
15	64QAM	36	39	21.53	21.39	21.24		
15	64QAM	75	0	21.58	21.38	21.44		
15	256QAM	1	0	19.54	19.57	19.46		
15	256QAM	1	37	19.58	19.51	19.52	20.5	2.5
15	256QAM	1	74	19.34	19.45	19.33		
15	256QAM	36	0	19.36	19.35	19.23		
15	256QAM	36	20	19.30	19.30	19.36	20.5	2.5
15	256QAM	36	39	19.39	19.43	19.45		
15	256QAM	75	0	19.41	19.40	19.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.93	22.07	21.94		
10	QPSK	1	25	21.83	21.81	21.88	23	0
10	QPSK	1	49	21.81	21.89	21.77		
10	QPSK	25	0	21.89	21.91	21.91		
10	QPSK	25	12	21.89	21.92	21.83	23	0
10	QPSK	25	25	21.77	21.79	21.78		
10	QPSK	50	0	21.86	21.86	21.90		
10	16QAM	1	0	21.87	21.88	21.80		
10	16QAM	1	25	21.91	21.85	21.84	23	0
10	16QAM	1	49	21.82	21.80	21.85		
10	16QAM	25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.15	22.18	22.09		
20	QPSK	1	49	22.11	22.05	21.97	23	0
20	QPSK	1	99	22.04	22.06	22.02		
20	QPSK	50	0	22.13	22.15	22.06		
20	QPSK	50	24	22.05	22.12	21.99	23	0
20	QPSK	50	50	22.05	22.12	21.99		
20	QPSK	100	0	22.11	22.13	22.05		
20	16QAM	1	0	22.05	22.10	21.96		
20	16QAM	1	49	22.12	22.06	22.00	23	0
20	16QAM	1	99	22.05	22.05	21.99		
20	16QAM	50	0	22.06	22.14	21.97		
20	16QAM	50	24	22.10	22.09	22.04	23	0
20	16QAM	50	50	22.07	22.11	22.03		
20	16QAM	100	0	22.12	22.05	22.01		
20	64QAM	1	0	22.05	22.13	22.03		
20	64QAM	1	49	22.11	22.11	22.03	23	0
20	64QAM	1	99	22.09	22.09	21.97		
20	64QAM	50	0	21.23	21.15	21.10		
20	64QAM	50	24	21.23	21.12	21.02	22	1
20	64QAM	50	50	21.20	21.11	20.97		
20	64QAM	100	0	21.20	21.12	21.02		
20	256QAM	1	0	19.18	19.22	19.26		
20	256QAM	1	49	19.23	19.16	19.19	20	3
20	256QAM	1	99	19.09	19.15	19.13		
20	256QAM	50	0	19.04	19.05	19.03		
20	256QAM	50	24	19.17	19.09	19.09	20	3
20	256QAM	50	50	19.11	19.13	19.15		
20	256QAM	100	0	19.02	19.09	19.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.04	22.08	21.98		
15	QPSK	1	37	22.03	22.06	22.05	23	0
15	QPSK	1	74	22.05	22.13	22.05		
15	QPSK	36	0	22.11	22.13	22.01		
15	QPSK	36	20	22.10	22.08	22.00	23	0
15	QPSK	36	39	22.03	22.08	21.96		
15	QPSK	75	0	22.12	22.13	21.96		
15	16QAM	1	0	22.08	22.05	21.97		
15	16QAM	1	37	22.09	22.07	22.02	23	0
15	16QAM	1	74	22.12	22.11	21.97		
15	16QAM	36	0	22.04	22.06	22.00		
15	16QAM	36	20	22.03	22.06	21.99	23	0
15	16QAM	36	39	22.03	22.13	22.02		
15	16QAM	75	0	22.11	22.08	22.00		
15	64QAM	1	0	22.09	22.11	21.99		
15	64QAM	1	37	22.08	22.11	22.01	23	0
15	64QAM	1	74	22.08	22.13	21.99		
15	64QAM	36	0	21.20	21.05	21.00		
15	64QAM	36	20	21.16	21.10	20.95	22	1
15	64QAM	36	39	21.10	21.05	20.86		
15	64QAM	75	0	21.13	21.01	20.99		
15	256QAM	1	0	19.12	19.27	19.28		
15	256QAM	1	37	19.26	19.23	19.24	20	3
15	256QAM	1	74	19.08	19.17	19.16		
15	256QAM	36	0	19.05	19.09	18.95		
15	256QAM	36	20	19.25	19.17	19.01	20	3
15	256QAM	36	39	19.06	19.11	19.15		
15	256QAM	75	0	19.03	19.13	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.11	22.05	21.96		
10	QPSK	1	25	22.12	22.09	21.99	23	0
10	QPSK	1	49	22.03	22.08	22.01		
10	QPSK	25	0	22.06	22.05	22.03		
10	QPSK	25	12	22.10	22.13	22.05	23	0
10	QPSK	25	25	22.05	22.13	21.96		
10	QPSK	50	0	22.09	22.07	22.01		
10	16QAM	1	0	22.09	22.07	21.97		
10	16QAM	1	25	22.11	22.11	22.02	23	0
10	16QAM	1	49	22.07	22.13	22.01		
10	16QAM	25	0	22.06	22.05	22.05		
10	16QAM	25	12	22.11	22.14	22.00	23	0
10	16QAM	25	25	22.03	22.06	21.97		
10	16QAM	50	0	22.07	22.09	21.96		
10	64QAM	1	0	22.09	22.12	22.04		
10	64QAM	1	25	22.11	22.12	22.03	23	0
10	64QAM	1	49	22.07	22.07	22.03		
10	64QAM	25	0	21.15	21.07	21.04		
10	64QAM	25	12	21.17	21.05	20.93	22	1
10	64QAM	25	25	21.12	21.05	20.94		
10	64QAM	50	0	21.16	21.08	20.97		
10	256QAM	1	0	19.20	19.15	19.34		
10	256QAM	1	25	19.17	19.22	19.13	20	3
10	256QAM	1	49	19.02	19.15	19.18		
10	256QAM	25	0	19.11	19.13	19.10		
10	256QAM	25	12	19.18	19.18	19.05	20	3
10	256QAM	25	25	19.16	19.20	19.09		
10	256QAM	50	0	18.95	19.17	19.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.11	22.14	21.99		
5	QPSK	1	12	22.09	22.14	21.96	23	0
5	QPSK	1	24	22.04	22.12	22.02		
5	QPSK	12	0	22.09	22.07	21.96		
5	QPSK	12	7	22.06	22.08	22.04	23	0
5	QPSK	12	13	22.08	22.11	21.97		
5	QPSK	25	0	22.10	22.08	21.96		
5	16QAM	1	0	22.09	22.14	22.05	23	0
5	16QAM	1	12	22.12	22.06	22.03		
5	16QAM	1	24	22.04	22.12	22.00		
5	16QAM	12	0	22.06	22.05	21.97		
5	16QAM	12	7	22.03	22.11	21.96	23	0
5	16QAM	12	13	22.10	22.12	22.05		
5	16QAM	25	0	22.11	22.11	21.96		
5	64QAM	1	0	22.10	22.06	21.98		
5	64QAM	1	12	22.08	22.05	22.05	23	0
5	64QAM	1	24	22.11	22.08	21.99		
5	64QAM	12	0	21.19	21.11	21.02		
5	64QAM	12	7	21.18	21.08	21.00	22	1
5	64QAM	12	13	21.13	21.03	20.90		
5	64QAM	25	0	21.10	21.02	20.99		
5	256QAM	1	0	19.12	19.28	19.19		
5	256QAM	1	12	19.19	19.20	19.22	20	3
5	256QAM	1	24	19.15	19.11	19.13		
5	256QAM	12	0	19.12	19.09	19.06		
5	256QAM	12	7	19.22	19.15	19.09	20	3
5	256QAM	12	13	19.07	19.14	19.23		
5	256QAM	25	0	19.10	19.06	19.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.06	22.11	22.05		
3	QPSK	1	8	22.05	22.08	22.00	23	0
3	QPSK	1	14	22.05	22.09	22.04		
3	QPSK	8	0	22.03	22.06	22.01		
3	QPSK	8	4	22.04	22.05	21.96	23	0
3	QPSK	8	7	22.03	22.05	21.99		
3	QPSK	15	0	22.11	22.13	21.96		
3	16QAM	1	0	22.06	22.07	21.98		
3	16QAM	1	8	22.07	22.11	22.01	23	0
3	16QAM	1	14	22.06	22.05	22.01		
3	16QAM	8	0	22.07	22.12	22.04		
3	16QAM	8	4	22.03	22.07	21.96	23	0
3	16QAM	8	7	22.05	22.10	21.99		
3	16QAM	15	0	22.11	22.09	21.97		
3	64QAM	1	0	22.11	22.05	22.05		
3	64QAM	1	8	22.11	22.07	22.05	23	0
3	64QAM	1	14	22.09	22.11	21.98		
3	64QAM	8	0	21.18	21.06	21.02		
3	64QAM	8	4	21.14	21.03	20.95	22	1
3	64QAM	8	7	21.10	21.05	20.91		
3	64QAM	15	0	21.10	21.02	20.96		
3	256QAM	1	0	19.25	19.18	19.33		
3	256QAM	1	8	19.17	19.19	19.22	20	3
3	256QAM	1	14	19.12	19.11	19.05		
3	256QAM	8	0	19.06	19.13	18.98		
3	256QAM	8	4	19.21	19.02	19.08	20	3
3	256QAM	8	7	19.16	19.14	19.07		
3	256QAM	15	0	18.99	19.09	19.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.10	22.07	21.98		
1.4	QPSK	1	3	22.09	22.11	21.97		
1.4	QPSK	1	5	22.07	22.05	22.01	23	0
1.4	QPSK	3	0	22.08	22.08	22.02		
1.4	QPSK	3	1	22.10	22.14	21.99		
1.4	QPSK	3	3	22.11	22.14	22.02		
1.4	QPSK	6	0	22.09	22.10	21.98	23	0
1.4	16QAM	1	0	22.04	22.08	21.97		
1.4	16QAM	1	3	22.06	22.07	21.97		
1.4	16QAM	1	5	22.06	22.06	22.00	23	0
1.4	16QAM	3	0	22.03	22.05	22.01		
1.4	16QAM	3	1	22.03	22.06	21.97		
1.4	16QAM	3	3	22.11	22.07	22.01		
1.4	16QAM	6	0	22.06	22.10	21.99	23	0
1.4	64QAM	1	0	22.05	22.13	22.01		
1.4	64QAM	1	3	22.11	22.07	22.04	23	0
1.4	64QAM	1	5	22.05	22.10	22.04		
1.4	64QAM	3	0	22.07	22.05	22.05		
1.4	64QAM	3	1	22.05	22.14	22.04		
1.4	64QAM	3	3	22.08	22.12	21.96		
1.4	64QAM	6	0	21.14	21.12	21.01	22	1
1.4	256QAM	1	0	19.25	19.17	19.24		
1.4	256QAM	1	3	19.22	19.14	19.25		
1.4	256QAM	1	5	19.17	19.10	19.16	20	3
1.4	256QAM	3	0	19.07	19.04	19.06		
1.4	256QAM	3	1	19.11	19.07	19.04		
1.4	256QAM	3	3	19.05	19.14	19.11		
1.4	256QAM	6	0	18.94	19.12	18.98	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.56	19.60	19.53		
20	QPSK	1	49	19.51	19.51	19.47	20.5	0
20	QPSK	1	99	19.45	19.51	19.46		
20	QPSK	50	0	19.52	19.58	19.50		
20	QPSK	50	24	19.48	19.52	19.40	20.5	0
20	QPSK	50	50	19.42	19.52	19.40		
20	QPSK	100	0	19.50	19.55	19.48		
20	16QAM	1	0	19.45	19.51	19.49		
20	16QAM	1	49	19.48	19.48	19.48	20.5	0
20	16QAM	1	99	19.48	19.53	19.49		
20	16QAM	50	0	19.46	19.57	19.40		
20	16QAM	50	24	19.42	19.56	19.43	20.5	0
20	16QAM	50	50	19.42	19.57	19.40		
20	16QAM	100	0	19.49	19.50	19.46		
20	64QAM	1	0	19.42	19.55	19.44		
20	64QAM	1	49	19.46	19.55	19.42	20.5	0
20	64QAM	1	99	19.50	19.50	19.41		
20	64QAM	50	0	19.45	19.53	19.45		
20	64QAM	50	24	19.43	19.48	19.44	20.5	0
20	64QAM	50	50	19.44	19.48	19.44		
20	64QAM	100	0	19.51	19.57	19.40		
20	256QAM	1	0	18.59	18.60	18.55		
20	256QAM	1	49	18.56	18.61	18.59	19.5	1
20	256QAM	1	99	18.55	18.58	18.65		
20	256QAM	50	0	18.59	18.53	18.60		
20	256QAM	50	24	18.44	18.52	18.44	19.5	1
20	256QAM	50	50	18.46	18.53	18.60		
20	256QAM	100	0	18.54	18.50	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.50	19.51	19.45		
15	QPSK	1	37	19.48	19.53	19.48	20.5	0
15	QPSK	1	74	19.43	19.49	19.45		
15	QPSK	36	0	19.44	19.53	19.43		
15	QPSK	36	20	19.43	19.48	19.44	20.5	0
15	QPSK	36	39	19.43	19.55	19.49		
15	QPSK	75	0	19.47	19.56	19.48		
15	16QAM	1	0	19.49	19.54	19.47		
15	16QAM	1	37	19.51	19.56	19.43	20.5	0
15	16QAM	1	74	19.49	19.56	19.42		
15	16QAM	36	0	19.48	19.52	19.46		
15	16QAM	36	20	19.45	19.52	19.43	20.5	0
15	16QAM	36	39	19.49	19.53	19.49		
15	16QAM	75	0	19.49	19.48	19.43		
15	64QAM	1	0	19.50	19.49	19.43		
15	64QAM	1	37	19.44	19.56	19.44	20.5	0
15	64QAM	1	74	19.50	19.56	19.44		
15	64QAM	36	0	19.43	19.54	19.40		
15	64QAM	36	20	19.47	19.50	19.48	20.5	0
15	64QAM	36	39	19.44	19.51	19.48		
15	64QAM	75	0	19.42	19.57	19.40		
15	256QAM	1	0	18.52	18.67	18.61		
15	256QAM	1	37	18.56	18.54	18.54	19.5	1
15	256QAM	1	74	18.48	18.56	18.60		
15	256QAM	36	0	18.60	18.56	18.53		
15	256QAM	36	20	18.36	18.44	18.50	19.5	1
15	256QAM	36	39	18.40	18.57	18.67		
15	256QAM	75	0	18.57	18.47	18.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.45	19.48	19.46		
10	QPSK	1	25	19.43	19.57	19.46	20.5	0
10	QPSK	1	49	19.48	19.49	19.40		
10	QPSK	25	0	19.47	19.50	19.46		
10	QPSK	25	12	19.47	19.51	19.43	20.5	0
10	QPSK	25	25	19.43	19.48	19.49		
10	QPSK	50	0	19.49	19.52	19.43		
10	16QAM	1	0	19.45	19.50	19.42		
10	16QAM	1	25	19.51	19.56	19.41	20.5	0
10	16QAM	1	49	19.47	19.53	19.49		
10	16QAM	25	0	19.48	19.56	19.43		
10	16QAM	25	12	19.42	19.56	19.41	20.5	0
10	16QAM	25	25	19.51	19.48	19.46		
10	16QAM	50	0	19.44	19.53	19.40		
10	64QAM	1	0	19.50	19.54	19.47		
10	64QAM	1	25	19.42	19.56	19.48	20.5	0
10	64QAM	1	49	19.47	19.50	19.40		
10	64QAM	25	0	19.50	19.57	19.41		
10	64QAM	25	12	19.48	19.54	19.42	20.5	0
10	64QAM	25	25	19.51	19.49	19.45		
10	64QAM	50	0	19.49	19.50	19.48		
10	256QAM	1	0	18.56	18.64	18.48		
10	256QAM	1	25	18.60	18.61	18.67	19.5	1
10	256QAM	1	49	18.58	18.53	18.61		
10	256QAM	25	0	18.59	18.54	18.58		
10	256QAM	25	12	18.36	18.53	18.52	19.5	1
10	256QAM	25	25	18.48	18.51	18.58		
10	256QAM	50	0	18.48	18.42	18.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.47	19.57	19.45		
5	QPSK	1	12	19.42	19.48	19.40	20.5	0
5	QPSK	1	24	19.48	19.56	19.46		
5	QPSK	12	0	19.43	19.54	19.45		
5	QPSK	12	7	19.43	19.54	19.46	20.5	0
5	QPSK	12	13	19.49	19.51	19.43		
5	QPSK	25	0	19.42	19.51	19.40		
5	16QAM	1	0	19.49	19.56	19.44		
5	16QAM	1	12	19.42	19.51	19.40	20.5	0
5	16QAM	1	24	19.47	19.54	19.46		
5	16QAM	12	0	19.48	19.50	19.47		
5	16QAM	12	7	19.42	19.56	19.40	20.5	0
5	16QAM	12	13	19.47	19.50	19.46		
5	16QAM	25	0	19.42	19.52	19.41		
5	64QAM	1	0	19.44	19.52	19.41		
5	64QAM	1	12	19.48	19.57	19.48	20.5	0
5	64QAM	1	24	19.45	19.55	19.43		
5	64QAM	12	0	19.42	19.56	19.46		
5	64QAM	12	7	19.47	19.54	19.43	20.5	0
5	64QAM	12	13	19.50	19.52	19.40		
5	64QAM	25	0	19.46	19.57	19.46		
5	256QAM	1	0	18.63	18.58	18.47		
5	256QAM	1	12	18.48	18.61	18.65	19.5	1
5	256QAM	1	24	18.63	18.58	18.64		
5	256QAM	12	0	18.67	18.48	18.54		
5	256QAM	12	7	18.40	18.60	18.39	19.5	1
5	256QAM	12	13	18.51	18.45	18.58		
5	256QAM	25	0	18.52	18.53	18.55		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.48	19.51	19.42		
3	QPSK	1	8	19.42	19.55	19.48	20.5	0
3	QPSK	1	14	19.46	19.56	19.43		
3	QPSK	8	0	19.44	19.58	19.49		
3	QPSK	8	4	19.47	19.55	19.40	20.5	0
3	QPSK	8	7	19.46	19.56	19.46		
3	QPSK	15	0	19.42	19.52	19.43		
3	16QAM	1	0	19.47	19.50	19.49		
3	16QAM	1	8	19.49	19.49	19.49	20.5	0
3	16QAM	1	14	19.51	19.52	19.41		
3	16QAM	8	0	19.44	19.52	19.44		
3	16QAM	8	4	19.47	19.55	19.45	20.5	0
3	16QAM	8	7	19.43	19.53	19.41		
3	16QAM	15	0	19.48	19.50	19.40		
3	64QAM	1	0	19.48	19.56	19.46		
3	64QAM	1	8	19.47	19.53	19.46	20.5	0
3	64QAM	1	14	19.47	19.53	19.41		
3	64QAM	8	0	19.51	19.49	19.49		
3	64QAM	8	4	19.51	19.56	19.49	20.5	0
3	64QAM	8	7	19.49	19.49	19.44		
3	64QAM	15	0	19.46	19.50	19.46		
3	256QAM	1	0	18.60	18.60	18.53		
3	256QAM	1	8	18.49	18.64	18.67	19.5	1
3	256QAM	1	14	18.63	18.53	18.59		
3	256QAM	8	0	18.55	18.52	18.52		
3	256QAM	8	4	18.47	18.52	18.49	19.5	1
3	256QAM	8	7	18.49	18.46	18.55		
3	256QAM	15	0	18.46	18.50	18.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.47	19.51	19.44		
1.4	QPSK	1	3	19.42	19.51	19.49		
1.4	QPSK	1	5	19.43	19.57	19.47	20.5	0
1.4	QPSK	3	0	19.44	19.55	19.43		
1.4	QPSK	3	1	19.44	19.52	19.49		
1.4	QPSK	3	3	19.43	19.57	19.47		
1.4	QPSK	6	0	19.47	19.50	19.45	20.5	0
1.4	16QAM	1	0	19.50	19.54	19.49		
1.4	16QAM	1	3	19.44	19.51	19.41		
1.4	16QAM	1	5	19.50	19.57	19.48	20.5	0
1.4	16QAM	3	0	19.45	19.50	19.47		
1.4	16QAM	3	1	19.43	19.57	19.45		
1.4	16QAM	3	3	19.51	19.57	19.41		
1.4	16QAM	6	0	19.44	19.51	19.46	20.5	0
1.4	64QAM	1	0	19.45	19.48	19.40		
1.4	64QAM	1	3	19.47	19.51	19.45	20.5	0
1.4	64QAM	1	5	19.45	19.53	19.46		
1.4	64QAM	3	0	19.46	19.55	19.49		
1.4	64QAM	3	1	19.44	19.57	19.46		
1.4	64QAM	3	3	19.51	19.57	19.44		
1.4	64QAM	6	0	19.45	19.51	19.48	20.5	0
1.4	256QAM	1	0	18.51	18.52	18.49		
1.4	256QAM	1	3	18.54	18.64	18.65		
1.4	256QAM	1	5	18.49	18.50	18.57	19.5	1
1.4	256QAM	3	0	18.56	18.60	18.63		
1.4	256QAM	3	1	18.45	18.50	18.45		
1.4	256QAM	3	3	18.41	18.53	18.56		
1.4	256QAM	6	0	18.60	18.45	18.54	19.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.47	21.50	21.43	22.2	0
20	QPSK	1	49	21.38	21.42	21.34		
20	QPSK	1	99	21.37	21.40	21.32		
20	QPSK	50	0	21.46	21.48	21.41	22.2	0
20	QPSK	50	24	21.37	21.41	21.30		
20	QPSK	50	50	21.42	21.40	21.32		
20	QPSK	100	0	21.43	21.45	21.40		
20	16QAM	1	0	21.34	21.45	21.28	22.2	0
20	16QAM	1	49	21.32	21.46	21.39		
20	16QAM	1	99	21.36	21.41	21.27		
20	16QAM	50	0	21.38	21.38	21.30	22.2	0
20	16QAM	50	24	21.45	21.39	21.34		
20	16QAM	50	50	21.31	21.44	21.32		
20	16QAM	100	0	21.34	21.41	21.35		
20	64QAM	1	0	21.37	21.35	21.28	22.2	0
20	64QAM	1	49	21.39	21.35	21.33		
20	64QAM	1	99	21.44	21.43	21.38		
20	64QAM	50	0	21.42	21.36	21.38	22.2	0
20	64QAM	50	24	21.32	21.37	21.34		
20	64QAM	50	50	21.36	21.37	21.27		
20	64QAM	100	0	21.33	21.33	21.31		
20	256QAM	1	0	19.70	19.68	19.65	20.7	1.5
20	256QAM	1	49	19.60	19.58	19.57		
20	256QAM	1	99	19.49	19.52	19.44		
20	256QAM	50	0	19.87	19.82	19.76	20.7	1.5
20	256QAM	50	24	19.86	19.78	19.86		
20	256QAM	50	50	19.74	19.72	19.77		
20	256QAM	100	0	19.74	19.68	19.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.34	21.38	21.36	22.2	0
15	QPSK	1	37	21.34	21.40	21.26		
15	QPSK	1	74	21.37	21.37	21.26		
15	QPSK	36	0	21.39	21.43	21.34	22.2	0
15	QPSK	36	20	21.41	21.44	21.28		
15	QPSK	36	39	21.40	21.36	21.30		
15	QPSK	75	0	21.38	21.42	21.39		
15	16QAM	1	0	21.45	21.37	21.33	22.2	0
15	16QAM	1	37	21.39	21.46	21.39		
15	16QAM	1	74	21.43	21.35	21.33		
15	16QAM	36	0	21.33	21.46	21.31	22.2	0
15	16QAM	36	20	21.39	21.39	21.28		
15	16QAM	36	39	21.43	21.34	21.32		
15	16QAM	75	0	21.43	21.35	21.30		
15	64QAM	1	0	21.40	21.34	21.37	22.2	0
15	64QAM	1	37	21.44	21.44	21.36		
15	64QAM	1	74	21.41	21.47	21.31		
15	64QAM	36	0	21.40	21.43	21.33	22.2	0
15	64QAM	36	20	21.34	21.39	21.37		
15	64QAM	36	39	21.35	21.42	21.26		
15	64QAM	75	0	21.31	21.45	21.35		
15	256QAM	1	0	19.66	19.62	19.57	20.7	1.5
15	256QAM	1	37	19.54	19.55	19.54		
15	256QAM	1	74	19.54	19.48	19.49		
15	256QAM	36	0	19.95	19.86	19.82	20.7	1.5
15	256QAM	36	20	19.90	19.75	19.81		
15	256QAM	36	39	19.79	19.75	19.80		
15	256QAM	75	0	19.79	19.65	19.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.45	21.39	21.37	22.2	0
10	QPSK	1	25	21.33	21.33	21.29		
10	QPSK	1	49	21.33	21.35	21.33		
10	QPSK	25	0	21.35	21.40	21.31	22.2	0
10	QPSK	25	12	21.45	21.35	21.29		
10	QPSK	25	25	21.37	21.41	21.29		
10	QPSK	50	0	21.36	21.34	21.30		
10	16QAM	1	0	21.42	21.46	21.39	22.2	0
10	16QAM	1	25	21.31	21.40	21.26		
10	16QAM	1	49	21.38	21.40	21.28		
10	16QAM	25	0	21.31	21.44	21.36	22.2	0
10	16QAM	25	12	21.36	21.43	21.31		
10	16QAM	25	25	21.45	21.36	21.40		
10	16QAM	50	0	21.34	21.44	21.31		
10	64QAM	1	0	21.42	21.33	21.27	22.2	0
10	64QAM	1	25	21.40	21.40	21.38		
10	64QAM	1	49	21.32	21.39	21.37		
10	64QAM	25	0	21.32	21.33	21.32	22.2	0
10	64QAM	25	12	21.40	21.38	21.36		
10	64QAM	25	25	21.37	21.42	21.27		
10	64QAM	50	0	21.39	21.40	21.37		
10	256QAM	1	0	19.71	19.60	19.65	20.7	1.5
10	256QAM	1	25	19.56	19.54	19.62		
10	256QAM	1	49	19.49	19.51	19.40		
10	256QAM	25	0	19.80	19.85	19.69	20.7	1.5
10	256QAM	25	12	19.78	19.81	19.82		
10	256QAM	25	25	19.76	19.66	19.72		
10	256QAM	50	0	19.79	19.76	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.45	21.42	21.32	22.2	0
5	QPSK	1	12	21.33	21.46	21.33		
5	QPSK	1	24	21.31	21.45	21.40		
5	QPSK	12	0	21.37	21.34	21.37	22.2	0
5	QPSK	12	7	21.44	21.37	21.39		
5	QPSK	12	13	21.34	21.42	21.33		
5	QPSK	25	0	21.32	21.37	21.36		
5	16QAM	1	0	21.44	21.36	21.33	22.2	0
5	16QAM	1	12	21.38	21.38	21.34		
5	16QAM	1	24	21.40	21.46	21.39		
5	16QAM	12	0	21.37	21.35	21.39	22.2	0
5	16QAM	12	7	21.38	21.47	21.29		
5	16QAM	12	13	21.44	21.33	21.38		
5	16QAM	25	0	21.36	21.45	21.38		
5	64QAM	1	0	21.44	21.45	21.28	22.2	0
5	64QAM	1	12	21.36	21.40	21.29		
5	64QAM	1	24	21.38	21.35	21.36		
5	64QAM	12	0	21.38	21.36	21.27	22.2	0
5	64QAM	12	7	21.36	21.41	21.30		
5	64QAM	12	13	21.39	21.41	21.38		
5	64QAM	25	0	21.38	21.33	21.30		
5	256QAM	1	0	19.67	19.70	19.61	20.7	1.5
5	256QAM	1	12	19.66	19.62	19.51		
5	256QAM	1	24	19.54	19.59	19.41		
5	256QAM	12	0	19.87	19.79	19.75	20.7	1.5
5	256QAM	12	7	19.90	19.75	19.90		
5	256QAM	12	13	19.79	19.65	19.83		
5	256QAM	25	0	19.82	19.75	19.62		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.55	23.43	24.5	0
20	QPSK	1	49	23.50	23.53	23.33		
20	QPSK	1	99	23.50	23.52	23.39		
20	QPSK	50	0	22.54	22.56	22.45	23.5	1
20	QPSK	50	24	22.53	22.45	22.35		
20	QPSK	50	50	22.52	22.46	22.38		
20	QPSK	100	0	22.53	22.55	22.38		
20	16QAM	1	0	22.58	22.46	22.40	23.5	1
20	16QAM	1	49	22.59	22.45	22.32		
20	16QAM	1	99	22.57	22.46	22.38		
20	16QAM	50	0	21.54	21.45	21.36	22.5	2
20	16QAM	50	24	21.53	21.44	21.34		
20	16QAM	50	50	21.54	21.46	21.37		
20	16QAM	100	0	21.55	21.45	21.38		
20	64QAM	1	0	21.33	21.21	21.12	22.5	2
20	64QAM	1	49	21.34	21.25	21.09		
20	64QAM	1	99	21.25	21.17	21.13		
20	64QAM	50	0	20.52	20.44	20.35	21.5	3
20	64QAM	50	24	20.51	20.43	20.33		
20	64QAM	50	50	20.55	20.44	20.36		
20	64QAM	100	0	20.54	20.43	20.37		
20	256QAM	1	0	18.31	18.28	18.33	19.5	5
20	256QAM	1	49	18.14	18.14	18.09		
20	256QAM	1	99	18.04	18.08	18.01		
20	256QAM	50	0	18.36	18.41	18.42	19.5	5
20	256QAM	50	24	18.30	18.36	18.36		
20	256QAM	50	50	18.25	18.33	18.40		
20	256QAM	100	0	18.29	18.31	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.44	23.41	24.5	0
15	QPSK	1	37	23.41	23.47	23.23		
15	QPSK	1	74	23.44	23.47	23.31		
15	QPSK	36	0	22.43	22.51	22.35	23.5	1
15	QPSK	36	20	22.47	22.35	22.33		
15	QPSK	36	39	22.50	22.38	22.33		
15	QPSK	75	0	22.44	22.47	22.32		
15	16QAM	1	0	22.52	22.36	22.29	23.5	1
15	16QAM	1	37	22.51	22.35	22.25		
15	16QAM	1	74	22.50	22.41	22.33		
15	16QAM	36	0	21.43	21.34	21.29	22.5	2
15	16QAM	36	20	21.45	21.35	21.25		
15	16QAM	36	39	21.50	21.40	21.31		
15	16QAM	75	0	21.50	21.35	21.27		
15	64QAM	1	0	21.29	21.11	21.04	22.5	2
15	64QAM	1	37	21.31	21.15	20.98		
15	64QAM	1	74	21.17	21.15	21.05		
15	64QAM	36	0	20.47	20.33	20.30	21.5	3
15	64QAM	36	20	20.48	20.34	20.31		
15	64QAM	36	39	20.45	20.42	20.25		
15	64QAM	75	0	20.48	20.32	20.31		
15	256QAM	1	0	18.30	18.29	18.34	19.5	5
15	256QAM	1	37	18.17	18.21	18.15		
15	256QAM	1	74	18.09	18.07	18.00		
15	256QAM	36	0	18.43	18.33	18.49	19.5	5
15	256QAM	36	20	18.30	18.33	18.33		
15	256QAM	36	39	18.30	18.32	18.33		
15	256QAM	75	0	18.26	18.26	18.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.51	23.51	23.41	24.5	0
10	QPSK	1	25	23.41	23.48	23.25		
10	QPSK	1	49	23.41	23.45	23.35		
10	QPSK	25	0	22.52	22.45	22.43	23.5	1
10	QPSK	25	12	22.43	22.35	22.33		
10	QPSK	25	25	22.43	22.42	22.30		
10	QPSK	50	0	22.49	22.53	22.33		
10	16QAM	1	0	22.47	22.35	22.37	23.5	1
10	16QAM	1	25	22.55	22.34	22.30		
10	16QAM	1	49	22.51	22.40	22.27		
10	16QAM	25	0	21.49	21.42	21.25	22.5	2
10	16QAM	25	12	21.44	21.40	21.29		
10	16QAM	25	25	21.51	21.42	21.32		
10	16QAM	50	0	21.46	21.37	21.27		
10	64QAM	1	0	21.30	21.13	21.05	22.5	2
10	64QAM	1	25	21.26	21.19	21.04		
10	64QAM	1	49	21.15	21.11	21.04		
10	64QAM	25	0	20.47	20.35	20.33	21.5	3
10	64QAM	25	12	20.47	20.32	20.29		
10	64QAM	25	25	20.48	20.41	20.31		
10	64QAM	50	0	20.51	20.41	20.27		
10	256QAM	1	0	18.34	18.30	18.30	19.5	5
10	256QAM	1	25	18.07	18.08	18.14		
10	256QAM	1	49	18.07	18.05	18.09		
10	256QAM	25	0	18.39	18.33	18.42	19.5	5
10	256QAM	25	12	18.34	18.37	18.32		
10	256QAM	25	25	18.28	18.25	18.37		
10	256QAM	50	0	18.35	18.31	18.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.51	23.36	24.5	0
5	QPSK	1	12	23.42	23.44	23.28		
5	QPSK	1	24	23.46	23.45	23.31		
5	QPSK	12	0	22.49	22.46	22.34	23.5	1
5	QPSK	12	7	22.50	22.43	22.24		
5	QPSK	12	13	22.45	22.39	22.35		
5	QPSK	25	0	22.47	22.53	22.36		
5	16QAM	1	0	22.52	22.38	22.37	23.5	1
5	16QAM	1	12	22.52	22.38	22.27		
5	16QAM	1	24	22.47	22.41	22.32		
5	16QAM	12	0	21.50	21.35	21.28	22.5	2
5	16QAM	12	7	21.43	21.36	21.23		
5	16QAM	12	13	21.43	21.43	21.35		
5	16QAM	25	0	21.46	21.36	21.36		
5	64QAM	1	0	21.29	21.11	21.10	22.5	2
5	64QAM	1	12	21.31	21.16	21.02		
5	64QAM	1	24	21.21	21.08	21.05		
5	64QAM	12	0	20.46	20.34	20.33	21.5	3
5	64QAM	12	7	20.45	20.35	20.22		
5	64QAM	12	13	20.47	20.38	20.30		
5	64QAM	25	0	20.52	20.37	20.30		
5	256QAM	1	0	18.37	18.34	18.29	19.5	5
5	256QAM	1	12	18.11	18.07	18.12		
5	256QAM	1	24	17.98	18.02	17.98		
5	256QAM	12	0	18.32	18.34	18.34	19.5	5
5	256QAM	12	7	18.32	18.36	18.34		
5	256QAM	12	13	18.32	18.25	18.39		
5	256QAM	25	0	18.24	18.30	18.19		

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	22.67	22.71	22.62	23.2	0
20	QPSK	1	49	22.54	22.60	22.54		
20	QPSK	1	99	22.54	22.63	22.56		
20	QPSK	50	0	22.65	22.70	22.60	23.2	0
20	QPSK	50	24	22.58	22.60	22.59		
20	QPSK	50	50	22.54	22.60	22.52		
20	QPSK	100	0	22.63	22.67	22.58		
20	16QAM	1	0	22.64	22.66	22.53	23.2	0
20	16QAM	1	49	22.55	22.61	22.49		
20	16QAM	1	99	22.56	22.60	22.59		
20	16QAM	50	0	22.60	22.60	22.57	23.2	0
20	16QAM	50	24	22.52	22.61	22.56		
20	16QAM	50	50	22.52	22.69	22.47		
20	16QAM	100	0	22.61	22.64	22.48		
20	64QAM	1	0	22.56	22.61	22.46	23.2	0
20	64QAM	1	49	22.59	22.58	22.52		
20	64QAM	1	99	22.53	22.69	22.55		
20	64QAM	50	0	21.65	21.61	21.57	22.7	0.5
20	64QAM	50	24	21.66	21.61	21.56		
20	64QAM	50	50	21.70	21.64	21.58		
20	64QAM	100	0	21.69	21.61	21.60		
20	256QAM	1	0	19.31	19.28	19.20	20.7	2.5
20	256QAM	1	49	19.24	19.25	19.29		
20	256QAM	1	99	19.19	19.25	19.27		
20	256QAM	50	0	19.59	19.51	19.43	20.7	2.5
20	256QAM	50	24	19.55	19.49	19.46		
20	256QAM	50	50	19.41	19.47	19.47		
20	256QAM	100	0	19.48	19.45	19.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.57	22.62	22.55	23.2	0
15	QPSK	1	37	22.58	22.68	22.45		
15	QPSK	1	74	22.50	22.56	22.45		
15	QPSK	36	0	22.54	22.66	22.53	23.2	0
15	QPSK	36	20	22.56	22.56	22.54		
15	QPSK	36	39	22.61	22.68	22.58		
15	QPSK	75	0	22.50	22.65	22.47		
15	16QAM	1	0	22.61	22.55	22.59	23.2	0
15	16QAM	1	37	22.62	22.61	22.54		
15	16QAM	1	74	22.53	22.57	22.50		
15	16QAM	36	0	22.60	22.59	22.54	23.2	0
15	16QAM	36	20	22.54	22.62	22.52		
15	16QAM	36	39	22.61	22.69	22.49		
15	16QAM	75	0	22.60	22.63	22.59		
15	64QAM	1	0	22.59	22.67	22.52	23.2	0
15	64QAM	1	37	22.59	22.57	22.46		
15	64QAM	1	74	22.56	22.59	22.45		
15	64QAM	36	0	21.62	21.51	21.54	22.7	0.5
15	64QAM	36	20	21.61	21.51	21.51		
15	64QAM	36	39	21.59	21.55	21.55		
15	64QAM	75	0	21.67	21.57	21.58		
15	256QAM	1	0	19.30	19.30	19.18	20.7	2.5
15	256QAM	1	37	19.22	19.23	19.24		
15	256QAM	1	74	19.17	19.22	19.20		
15	256QAM	36	0	19.66	19.47	19.49	20.7	2.5
15	256QAM	36	20	19.52	19.53	19.42		
15	256QAM	36	39	19.46	19.40	19.42		
15	256QAM	75	0	19.54	19.40	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.52	22.59	22.54	23.2	0
10	QPSK	1	25	22.63	22.69	22.57		
10	QPSK	1	49	22.50	22.68	22.55		
10	QPSK	25	0	22.62	22.60	22.57	23.2	0
10	QPSK	25	12	22.64	22.67	22.48		
10	QPSK	25	25	22.57	22.65	22.51		
10	QPSK	50	0	22.63	22.57	22.56		
10	16QAM	1	0	22.61	22.66	22.55	23.2	0
10	16QAM	1	25	22.52	22.61	22.52		
10	16QAM	1	49	22.50	22.59	22.50		
10	16QAM	25	0	22.54	22.60	22.52	23.2	0
10	16QAM	25	12	22.50	22.62	22.49		
10	16QAM	25	25	22.57	22.62	22.49		
10	16QAM	50	0	22.50	22.55	22.54		
10	64QAM	1	0	22.52	22.61	22.57	23.2	0
10	64QAM	1	25	22.56	22.66	22.47		
10	64QAM	1	49	22.55	22.66	22.49		
10	64QAM	25	0	21.57	21.55	21.52	22.7	0.5
10	64QAM	25	12	21.60	21.53	21.50		
10	64QAM	25	25	21.59	21.58	21.55		
10	64QAM	50	0	21.63	21.51	21.50		
10	256QAM	1	0	19.28	19.28	19.13	20.7	2.5
10	256QAM	1	25	19.31	19.28	19.25		
10	256QAM	1	49	19.12	19.28	19.21		
10	256QAM	25	0	19.53	19.45	19.43	20.7	2.5
10	256QAM	25	12	19.52	19.44	19.46		
10	256QAM	25	25	19.47	19.51	19.53		
10	256QAM	50	0	19.53	19.51	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.56	22.52	23.2	0
5	QPSK	1	12	22.62	22.59	22.52		
5	QPSK	1	24	22.62	22.56	22.50		
5	QPSK	12	0	22.61	22.63	22.49	23.2	0
5	QPSK	12	7	22.51	22.58	22.57		
5	QPSK	12	13	22.56	22.57	22.59		
5	QPSK	25	0	22.62	22.63	22.56		
5	16QAM	1	0	22.53	22.55	22.56	23.2	0
5	16QAM	1	12	22.57	22.66	22.55		
5	16QAM	1	24	22.59	22.61	22.51		
5	16QAM	12	0	22.50	22.57	22.58	23.2	0
5	16QAM	12	7	22.63	22.59	22.52		
5	16QAM	12	13	22.54	22.63	22.47		
5	16QAM	25	0	22.53	22.55	22.50		
5	64QAM	1	0	22.61	22.67	22.59	23.2	0
5	64QAM	1	12	22.64	22.61	22.47		
5	64QAM	1	24	22.50	22.67	22.49		
5	64QAM	12	0	21.55	21.52	21.51	22.7	0.5
5	64QAM	12	7	21.56	21.58	21.54		
5	64QAM	12	13	21.60	21.57	21.53		
5	64QAM	25	0	21.65	21.58	21.57		
5	256QAM	1	0	19.33	19.31	19.21	20.7	2.5
5	256QAM	1	12	19.17	19.28	19.29		
5	256QAM	1	24	19.24	19.25	19.32		
5	256QAM	12	0	19.54	19.53	19.50	20.7	2.5
5	256QAM	12	7	19.59	19.44	19.38		
5	256QAM	12	13	19.35	19.54	19.53		
5	256QAM	25	0	19.40	19.40	19.58		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.
Channel				37850	38000
Frequency (MHz)				2580	2595
20	QPSK	1	0	18.88	19.01
20	QPSK	1	49	18.85	18.90
20	QPSK	1	99	18.81	18.96
20	QPSK	50	0	18.96	19.00
20	QPSK	50	24	18.91	18.87
20	QPSK	50	50	18.95	18.96
20	QPSK	100	0	18.95	18.98
20	16QAM	1	0	18.90	18.96
20	16QAM	1	49	18.82	18.90
20	16QAM	1	99	18.94	18.92
20	16QAM	50	0	18.81	18.87
20	16QAM	50	24	18.89	18.97
20	16QAM	50	50	18.92	18.93
20	16QAM	100	0	18.90	18.91
20

Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
38150		
2610		
18.94	20	0
18.84		
18.79		
18.92	20	0
18.90		
18.84		
18.90		
18.78	20	0
18.84		
18.77		
18.88	20	0
18.88		
18.79		
18.79		
18.85	20	0
18.79		
18.90		
18.89	20	0
18.78		
18.81		
18.85		
18.71	20	0
18.58		
18.58		
18.84	20	0
18.71		
18.71		
18.65		
38175	Tune-up limit (dBm)	MPR (dB)
2612.5		
18.84	20	0
18.88		
18.80		
18.91	20	0
18.88		
18.81		
18.85		
18.83	20	0
18.77		
18.88		
18.81	20	0
18.79		
18.87		
18.78		
18.87	20	0
18.89		
18.85		
18.83	20	0
18.78		
18.80		
18.79		
18.77	20	0
18.51		
18.58		
18.77	20	0
18.73		
18.66		
18.59		
38200	Tune-up limit (dBm)	MPR (dB)
2615		
18.78	20	0
18.77		
18.87		
18.89	20	0
18.77		
18.82		
18.88		
18.82	20	0
18.90		
18.87		
18.86	20	0
18.88		
18.87		
18.91		
18.89	20	0
18.84		
18.77		
18.85	20	0
18.89		
18.89		
18.89		
18.63	20	0
18.60		
18.53		
18.90	20	0
18.78		
18.70		
18.72		
38225	Tune-up limit (dBm)	MPR (dB)
2617.5		
18.89	20	0
18.87		
18.91		
18.78	20	0
18.83		
18.83		
18.84		
18.90	20	0
18.80		
18.89		
18.85	20	0
18.78		
18.90		
18.89		
18.79	20	0
18.84		
18.88		
18.86	20	0
18.91		
18.81		
18.88		
18.64	20	0
18.58		
18.50		
18.84	20	0
18.67		
18.77		
18.71		

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	21.67	21.69	21.56	21.35	21.26	22.2	0
20	QPSK	1	49	21.50	21.59	21.48	21.31	21.25		
20	QPSK	1	99	21.60	21.62	21.44	21.21	21.21		
20	QPSK	50	0	21.65	21.67	21.55	21.33	21.26	22.2	0
20	QPSK	50	24	21.63	21.52	21.49	21.24	21.20		
20	QPSK	50	50	21.56	21.66	21.51	21.31	21.23		
20	QPSK	100	0	21.63	21.65	21.53	21.30	21.25		
20	16QAM	1	0	21.54	21.64	21.44	21.25	21.22	22.2	0
20	16QAM	1	49	21.55	21.59	21.53	21.18	21.16		
20	16QAM	1	99	21.54	21.61	21.44	21.21	21.17		
20	16QAM	50	0	21.51	21.54	21.47	21.30	21.23	22.2	0
20	16QAM	50	24	21.50	21.53	21.50	21.22	21.18		
20	16QAM	50	50	21.62	21.52	21.40	21.27	21.20		
20	16QAM	100	0	21.53	21.58	21.42	21.22	21.17		
20	64QAM	1	0	21.53	21.61	21.51	21.26	21.23	22.2	0
20	64QAM	1	49	21.52	21.63	21.44	21.22	21.24		
20	64QAM	1	99	21.57	21.65	21.46	21.20	21.21		
20	64QAM	50	0	21.62	21.55	21.43	21.30	21.23	22.2	0
20	64QAM	50	24	21.63	21.63	21.42	21.20	21.17		
20	64QAM	50	50	21.61	21.56	21.42	21.29	21.23		
20	64QAM	100	0	21.54	21.57	21.44	21.32	21.21		
20	256QAM	1	0	19.73	19.73	19.66	19.76	19.75	20.7	1.5
20	256QAM	1	49	19.68	19.67	19.74	19.71	19.66		
20	256QAM	1	99	19.56	19.56	19.56	19.56	19.53		
20	256QAM	50	0	19.94	19.92	20.00	19.92	19.96	20.7	1.5
20	256QAM	50	24	19.87	19.88	19.94	19.90	19.86		
20	256QAM	50	50	19.84	19.79	19.81	19.81	19.73		
20	256QAM	100	0	19.77	19.83	19.82	19.88	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	21.51	21.62	21.49	21.31	21.23	22.2	0
15	QPSK	1	37	21.59	21.54	21.41	21.21	21.22		
15	QPSK	1	74	21.54	21.66	21.48	21.29	21.17		
15	QPSK	36	0	21.59	21.59	21.51	21.21	21.12	22.2	0
15	QPSK	36	20	21.51	21.61	21.46	21.18	21.19		
15	QPSK	36	39	21.54	21.61	21.53	21.18	21.25		
15	QPSK	75	0	21.52	21.54	21.51	21.28	21.12		
15	16QAM	1	0	21.58	21.63	21.53	21.22	21.20	22.2	0
15	16QAM	1	37	21.61	21.55	21.49	21.32	21.24		
15	16QAM	1	74	21.64	21.56	21.44	21.24	21.13		
15	16QAM	36	0	21.61	21.58	21.48	21.22	21.21	22.2	0
15	16QAM	36	20	21.59	21.63	21.42	21.31	21.11		
15	16QAM	36	39	21.52	21.56	21.45	21.30	21.23		
15	16QAM	75	0	21.55	21.64	21.42	21.25	21.18		
15	64QAM	1	0	21.55	21.59	21.49	21.20	21.25	22.2	0
15	64QAM	1	37	21.61	21.52	21.49	21.23	21.21		
15	64QAM	1	74	21.60	21.59	21.41	21.30	21.21		
15	64QAM	36	0	21.50	21.66	21.54	21.20	21.13	22.2	0
15	64QAM	36	20	21.60	21.64	21.42	21.29	21.20		
15	64QAM	36	39	21.63	21.61	21.54	21.27	21.14		
15	64QAM	75	0	21.54	21.54	21.43	21.23	21.13		
15	256QAM	1	0	19.77	19.72	19.72	19.84	19.76	20.7	1.5
15	256QAM	1	37	19.63	19.67	19.69	19.64	19.73		
15	256QAM	1	74	19.49	19.50	19.60	19.59	19.54		
15	256QAM	36	0	19.91	19.99	20.00	19.91	20.02	20.7	1.5
15	256QAM	36	20	19.83	20.00	19.92	19.98	19.93		
15	256QAM	36	39	19.78	19.88	19.83	19.80	19.75		
15	256QAM	75	0	19.82	19.80	19.78	19.93	19.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.58	21.55	21.49	21.21	21.19	22.2	0
10	QPSK	1	25	21.56	21.64	21.51	21.28	21.24		
10	QPSK	1	49	21.58	21.54	21.43	21.32	21.14		
10	QPSK	25	0	21.57	21.56	21.42	21.22	21.25	22.2	0
10	QPSK	25	12	21.64	21.56	21.42	21.30	21.20		
10	QPSK	25	25	21.64	21.62	21.41	21.31	21.16		
10	QPSK	50	0	21.58	21.53	21.42	21.27	21.15		
10	16QAM	1	0	21.64	21.53	21.53	21.32	21.11	22.2	0
10	16QAM	1	25	21.50	21.53	21.40	21.23	21.14		
10	16QAM	1	49	21.63	21.62	21.49	21.22	21.25		
10	16QAM	25	0	21.64	21.53	21.42	21.20	21.17	22.2	0
10	16QAM	25	12	21.58	21.60	21.48	21.25	21.20		
10	16QAM	25	25	21.58	21.56	21.45	21.27	21.23		
10	16QAM	50	0	21.64	21.57	21.42	21.31	21.13		
10	64QAM	1	0	21.59	21.54	21.49	21.21	21.12	22.2	0
10	64QAM	1	25	21.54	21.56	21.42	21.21	21.14		
10	64QAM	1	49	21.51	21.52	21.46	21.22	21.21		
10	64QAM	25	0	21.62	21.60	21.49	21.22	21.18	22.2	0
10	64QAM	25	12	21.56	21.66	21.40	21.18	21.12		
10	64QAM	25	25	21.59	21.56	21.42	21.19	21.23		
10	64QAM	50	0	21.50	21.61	21.47	21.31	21.23		
10	256QAM	1	0	19.73	19.69	19.74	19.72	19.68	20.7	1.5
10	256QAM	1	25	19.70	19.81	19.74	19.75	19.58		
10	256QAM	1	49	19.82	19.55	19.48	19.51	19.50		
10	256QAM	25	0	19.96	20.00	19.84	19.97	19.89	20.7	1.5
10	256QAM	25	12	19.79	19.87	19.92	19.82	19.87		
10	256QAM	25	25	19.86	19.78	19.74	19.81	19.73		
10	256QAM	50	0	19.75	19.79	19.83	19.89	19.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.64	21.61	21.50	21.19	21.25	22.2	0
5	QPSK	1	12	21.61	21.62	21.47	21.21	21.12		
5	QPSK	1	24	21.55	21.56	21.47	21.19	21.16		
5	QPSK	12	0	21.62	21.66	21.40	21.23	21.13	22.2	0
5	QPSK	12	7	21.54	21.58	21.48	21.24	21.22		
5	QPSK	12	13	21.63	21.58	21.53	21.29	21.11		
5	QPSK	25	0	21.60	21.61	21.49	21.24	21.12		
5	16QAM	1	0	21.50	21.57	21.44	21.20	21.19	22.2	0
5	16QAM	1	12	21.58	21.54	21.43	21.21	21.25		
5	16QAM	1	24	21.58	21.53	21.46	21.31	21.13		
5	16QAM	12	0	21.56	21.66	21.41	21.27	21.17	22.2	0
5	16QAM	12	7	21.64	21.55	21.53	21.22	21.18		
5	16QAM	12	13	21.53	21.57	21.45	21.25	21.14		
5	16QAM	25	0	21.64	21.54	21.42	21.31	21.13		
5	64QAM	1	0	21.59	21.57	21.45	21.25	21.20	22.2	0
5	64QAM	1	12	21.50	21.55	21.46	21.20	21.11		
5	64QAM	1	24	21.58	21.55	21.54	21.18	21.17		
5	64QAM	12	0	21.52	21.62	21.50	21.26	21.15	22.2	0
5	64QAM	12	7	21.61	21.58	21.40	21.22	21.16		
5	64QAM	12	13	21.55	21.65	21.50	21.28	21.25		
5	64QAM	25	0	21.54	21.52	21.41	21.25	21.23		
5	256QAM	1	0	19.80	19.64	19.70	19.81	19.74	20.7	1.5
5	256QAM	1	12	19.64	19.73	19.66	19.74	19.69		
5	256QAM	1	24	19.48	19.63	19.56	19.64	19.55		
5	256QAM	12	0	19.97	20.00	19.85	19.99	19.98	20.7	1.5
5	256QAM	12	7	19.91	19.89	19.93	19.93	19.78		
5	256QAM	12	13	19.81	19.84	19.76	19.83	19.76		
5	256QAM	25	0	19.79	19.86	19.91	19.88	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.98	23.57	23.33	23.10	25	0
20	QPSK	1	49	23.80	23.96	23.53	23.28	23.02		
20	QPSK	1	99	23.82	23.82	23.54	23.31	23.09		
20	QPSK	50	0	22.81	22.93	22.57	22.30	22.15	24	1
20	QPSK	50	24	22.80	22.87	22.56	22.27	22.14		
20	QPSK	50	50	22.78	22.91	22.52	22.28	22.10		
20	QPSK	100	0	22.82	22.91	22.53	22.26	22.16		
20	16QAM	1	0	22.78	22.95	22.59	22.26	22.09	24	1
20	16QAM	1	49	22.85	22.92	22.59	22.34	22.12		
20	16QAM	1	99	22.85	22.90	22.51	22.30	22.30		
20	16QAM	50	0	21.80	21.90	21.57	21.25	21.10	23	2
20	16QAM	50	24	21.79	21.88	21.56	21.27	21.12		
20	16QAM	50	50	21.85	21.92	21.54	21.27	21.21		
20	16QAM	100	0	21.80	21.90	21.51	21.27	21.16		
20	64QAM	1	0	21.54	21.64	21.33	21.00	21.08	23	2
20	64QAM	1	49	21.53	21.64	21.33	21.08	21.05		
20	64QAM	1	99	21.60	21.61	21.27	21.03	21.01		
20	64QAM	50	0	20.80	20.87	20.57	20.25	20.10	22	3
20	64QAM	50	24	20.81	20.87	20.53	20.25	20.14		
20	64QAM	50	50	20.84	20.92	20.51	20.27	20.22		
20	64QAM	100	0	20.82	20.89	20.51	20.26	20.17		
20	256QAM	1	0	18.51	18.52	18.05	18.06	18.05	20	5
20	256QAM	1	49	18.44	18.47	18.03	18.03	18.03		
20	256QAM	1	99	18.45	18.45	18.09	18.03	18.02		
20	256QAM	50	0	18.70	18.71	18.29	18.12	18.05	20	5
20	256QAM	50	24	18.75	18.73	18.40	18.17	18.10		
20	256QAM	50	50	18.78	18.75	18.38	18.22	18.09		
20	256QAM	100	0	18.64	18.68	18.24	18.07	18.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.91	23.78	23.48	23.29	23.06	25	0
15	QPSK	1	37	23.88	23.71	23.45	23.17	23.05		
15	QPSK	1	74	23.79	23.74	23.45	23.23	23.00		
15	QPSK	36	0	22.84	22.74	22.54	22.23	22.09	24	1
15	QPSK	36	20	22.76	22.75	22.47	22.24	22.09		
15	QPSK	36	39	22.84	22.74	22.41	22.22	22.00		
15	QPSK	75	0	22.82	22.75	22.44	22.15	22.08		
15	16QAM	1	0	22.86	22.75	22.51	22.21	22.00	24	1
15	16QAM	1	37	22.88	22.83	22.57	22.28	22.09		
15	16QAM	1	74	22.87	22.82	22.43	22.25	22.27		
15	16QAM	36	0	21.85	21.75	21.53	21.15	21.08	23	2
15	16QAM	36	20	21.84	21.74	21.51	21.24	21.07		
15	16QAM	36	39	21.90	21.80	21.46	21.16	21.16		
15	16QAM	75	0	21.84	21.70	21.43	21.23	21.06		
15	64QAM	1	0	21.55	21.46	21.28	21.05	21.03	23	2
15	64QAM	1	37	21.59	21.51	21.28	21.01	21.05		
15	64QAM	1	74	21.55	21.53	21.18	21.06	21.04		
15	64QAM	36	0	20.82	20.73	20.46	20.19	20.06	22	3
15	64QAM	36	20	20.82	20.75	20.43	20.20	20.07		
15	64QAM	36	39	20.84	20.75	20.43	20.23	20.13		
15	64QAM	75	0	20.84	20.72	20.45	20.16	20.12		
15	256QAM	1	0	18.47	18.56	18.06	18.02	18.05	20	5
15	256QAM	1	37	18.45	18.41	18.00	18.05	18.04		
15	256QAM	1	74	18.52	18.42	18.06	18.06	18.06		
15	256QAM	36	0	18.76	18.63	18.37	18.12	18.05	20	5
15	256QAM	36	20	18.78	18.68	18.32	18.23	18.06		
15	256QAM	36	39	18.81	18.79	18.31	18.25	18.04		
15	256QAM	75	0	18.71	18.59	18.24	18.06	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	23.82	23.54	23.30	23.04	25	0
10	QPSK	1	25	23.92	23.76	23.44	23.19	23.05		
10	QPSK	1	49	23.73	23.73	23.48	23.28	23.04		
10	QPSK	25	0	22.91	22.75	22.51	22.28	22.07	24	1
10	QPSK	25	12	22.80	22.72	22.48	22.24	22.12		
10	QPSK	25	25	22.87	22.74	22.43	22.24	22.08		
10	QPSK	50	0	22.81	22.75	22.50	22.23	22.05		
10	16QAM	1	0	22.92	22.68	22.50	22.23	22.01	24	1
10	16QAM	1	25	22.84	22.82	22.48	22.28	22.09		
10	16QAM	1	49	22.82	22.80	22.45	22.23	22.22		
10	16QAM	25	0	21.81	21.77	21.52	21.23	21.06	23	2
10	16QAM	25	12	21.85	21.76	21.51	21.21	21.06		
10	16QAM	25	25	21.83	21.81	21.45	21.25	21.18		
10	16QAM	50	0	21.79	21.71	21.42	21.22	21.12		
10	64QAM	1	0	21.62	21.49	21.22	21.06	21.03	23	2
10	64QAM	1	25	21.58	21.42	21.26	21.04	21.02		
10	64QAM	1	49	21.52	21.57	21.24	21.05	21.08		
10	64QAM	25	0	20.76	20.76	20.53	20.22	20.00	22	3
10	64QAM	25	12	20.76	20.73	20.48	20.14	20.05		
10	64QAM	25	25	20.81	20.74	20.40	20.21	20.20		
10	64QAM	50	0	20.81	20.72	20.43	20.15	20.07		
10	256QAM	1	0	18.58	18.48	18.10	18.08	18.03	20	5
10	256QAM	1	25	18.39	18.49	18.01	18.11	18.05		
10	256QAM	1	49	18.51	18.50	18.06	18.13	18.05		
10	256QAM	25	0	18.68	18.65	18.30	18.20	18.05	20	5
10	256QAM	25	12	18.81	18.83	18.32	18.25	18.08		
10	256QAM	25	25	18.70	18.70	18.46	18.29	18.07		
10	256QAM	50	0	18.66	18.72	18.26	18.07	18.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.88	23.74	23.49	23.26	23.05	25	0
5	QPSK	1	12	23.89	23.76	23.42	23.17	23.06		
5	QPSK	1	24	23.79	23.73	23.45	23.20	23.00		
5	QPSK	12	0	22.85	22.76	22.46	22.19	22.06	24	1
5	QPSK	12	7	22.83	22.74	22.53	22.17	22.07		
5	QPSK	12	13	22.89	22.73	22.43	22.22	22.04		
5	QPSK	25	0	22.82	22.72	22.43	22.19	22.06		
5	16QAM	1	0	22.88	22.73	22.49	22.21	22.00	24	1
5	16QAM	1	12	22.81	22.77	22.52	22.28	22.10		
5	16QAM	1	24	22.83	22.79	22.48	22.23	22.20		
5	16QAM	12	0	21.82	21.75	21.47	21.22	21.07	23	2
5	16QAM	12	7	21.79	21.75	21.52	21.21	21.01		
5	16QAM	12	13	21.89	21.81	21.48	21.16	21.19		
5	16QAM	25	0	21.84	21.72	21.46	21.25	21.07		
5	64QAM	1	0	21.60	21.49	21.31	21.08	21.10	23	2
5	64QAM	1	12	21.58	21.43	21.30	21.05	21.05		
5	64QAM	1	24	21.50	21.51	21.23	21.03	21.08		
5	64QAM	12	0	20.84	20.76	20.50	20.17	20.03	22	3
5	64QAM	12	7	20.76	20.75	20.50	20.19	20.09		
5	64QAM	12	13	20.90	20.81	20.46	20.24	20.15		
5	64QAM	25	0	20.83	20.76	20.41	20.18	20.12		
5	256QAM	1	0	18.58	18.47	18.03	18.02	18.05	20	5
5	256QAM	1	12	18.49	18.36	18.00	18.08	18.06		
5	256QAM	1	24	18.47	18.42	18.06	18.05	18.08		
5	256QAM	12	0	18.72	18.70	18.27	18.19	18.11	20	5
5	256QAM	12	7	18.72	18.75	18.46	18.18	18.05		
5	256QAM	12	13	18.83	18.75	18.31	18.15	18.03		
5	256QAM	25	0	18.63	18.56	18.24	18.01	18.06		

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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	22.65	22.80	22.71	22.60	22.70	23.2	0
20	QPSK	1	49	22.59	22.69	22.57	22.44	22.52		
20	QPSK	1	99	22.60	22.73	22.68	22.57	22.56		
20	QPSK	50	0	22.63	22.78	22.70	22.58	22.67	23.2	0
20	QPSK	50	24	22.49	22.72	22.58	22.43	22.66		
20	QPSK	50	50	22.57	22.76	22.68	22.55	22.59		
20	QPSK	100	0	22.62	22.76	22.68	22.56	22.63		
20	16QAM	1	0	22.55	22.76	22.56	22.54	22.52	23.2	0
20	16QAM	1	49	22.55	22.70	22.60	22.51	22.58		
20	16QAM	1	99	22.53	22.71	22.69	22.43	22.55		
20	16QAM	50	0	22.60	22.71	22.57	22.49	22.62	23.2	0
20	16QAM	50	24	22.51	22.73	22.58	22.54	22.64		
20	16QAM	50	50	22.62	22.75	22.69	22.55	22.62		
20	16QAM	100	0	22.59	22.70	22.66	22.47	22.56		
20	64QAM	1	0	22.57	22.71	22.61	22.44	22.66	23.2	0
20	64QAM	1	49	22.52	22.71	22.65	22.49	22.66		
20	64QAM	1	99	22.52	22.77	22.64	22.49	22.64		
20	64QAM	50	0	21.67	21.73	21.73	21.53	21.52	22.7	0.5
20	64QAM	50	24	21.66	21.78	21.73	21.55	21.57		
20	64QAM	50	50	21.69	21.83	21.72	21.57	21.66		
20	64QAM	100	0	21.69	21.78	21.70	21.56	21.61		
20	256QAM	1	0	19.15	19.30	19.14	19.17	19.08	20.7	2.5
20	256QAM	1	49	19.03	19.26	19.05	19.09	19.08		
20	256QAM	1	99	18.97	19.20	18.99	19.13	19.05		
20	256QAM	50	0	19.30	19.53	19.30	19.31	19.44	20.7	2.5
20	256QAM	50	24	19.26	19.48	19.30	19.28	19.26		
20	256QAM	50	50	19.33	19.46	19.30	19.30	19.24		
20	256QAM	100	0	19.33	19.43	19.27	19.27	19.29		
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	22.51	22.66	22.63	22.51	22.66	23.2	0
15	QPSK	1	37	22.60	22.73	22.65	22.46	22.53		
15	QPSK	1	74	22.53	22.68	22.59	22.52	22.66		
15	QPSK	36	0	22.52	22.75	22.59	22.47	22.57	23.2	0
15	QPSK	36	20	22.50	22.64	22.58	22.52	22.56		
15	QPSK	36	39	22.54	22.74	22.55	22.45	22.56		
15	QPSK	75	0	22.50	22.65	22.69	22.45	22.63		
15	16QAM	1	0	22.57	22.70	22.63	22.53	22.52	23.2	0
15	16QAM	1	37	22.57	22.77	22.66	22.49	22.61		
15	16QAM	1	74	22.50	22.73	22.64	22.50	22.52		
15	16QAM	36	0	22.61	22.66	22.60	22.44	22.54	23.2	0
15	16QAM	36	20	22.60	22.65	22.57	22.46	22.64		
15	16QAM	36	39	22.50	22.70	22.68	22.55	22.56		
15	16QAM	75	0	22.62	22.75	22.66	22.52	22.55		
15	64QAM	1	0	22.61	22.76	22.63	22.48	22.52	23.2	0
15	64QAM	1	37	22.54	22.77	22.58	22.46	22.59		
15	64QAM	1	74	22.57	22.71	22.56	22.47	22.65		
15	64QAM	36	0	21.56	21.62	21.69	21.46	21.43	22.7	0.5
15	64QAM	36	20	21.55	21.75	21.71	21.45	21.55		
15	64QAM	36	39	21.62	21.78	21.67	21.50	21.56		
15	64QAM	75	0	21.63	21.76	21.63	21.51	21.56		
15	256QAM	1	0	19.15	19.37	19.12	19.24	19.05	20.7	2.5
15	256QAM	1	37	19.11	19.23	18.97	19.12	19.00		
15	256QAM	1	74	19.04	19.24	19.05	19.15	19.02		
15	256QAM	36	0	19.29	19.47	19.29	19.28	19.41	20.7	2.5
15	256QAM	36	20	19.22	19.52	19.26	19.22	19.30		
15	256QAM	36	39	19.27	19.41	19.36	19.23	19.24		
15	256QAM	75	0	19.33	19.47	19.26	19.19	19.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.58	22.68	22.57	22.54	22.53	23.2	0
10	QPSK	1	25	22.56	22.73	22.59	22.53	22.62		
10	QPSK	1	49	22.51	22.77	22.60	22.51	22.64		
10	QPSK	25	0	22.62	22.67	22.55	22.49	22.54	23.2	0
10	QPSK	25	12	22.49	22.76	22.66	22.57	22.54		
10	QPSK	25	25	22.62	22.76	22.65	22.46	22.60		
10	QPSK	50	0	22.52	22.77	22.57	22.43	22.61		
10	16QAM	1	0	22.60	22.70	22.63	22.54	22.65	23.2	0
10	16QAM	1	25	22.52	22.74	22.68	22.45	22.54		
10	16QAM	1	49	22.50	22.71	22.65	22.44	22.61		
10	16QAM	25	0	22.48	22.69	22.67	22.55	22.61	23.2	0
10	16QAM	25	12	22.49	22.69	22.62	22.48	22.58		
10	16QAM	25	25	22.48	22.71	22.61	22.51	22.59		
10	16QAM	50	0	22.54	22.72	22.62	22.57	22.62		
10	64QAM	1	0	22.54	22.73	22.69	22.56	22.63	23.2	0
10	64QAM	1	25	22.60	22.73	22.65	22.51	22.57		
10	64QAM	1	49	22.49	22.77	22.68	22.49	22.54		
10	64QAM	25	0	21.59	21.62	21.68	21.45	21.46	22.7	0.5
10	64QAM	25	12	21.59	21.73	21.70	21.47	21.53		
10	64QAM	25	25	21.58	21.80	21.65	21.50	21.62		
10	64QAM	50	0	21.60	21.72	21.64	21.51	21.55		
10	256QAM	1	0	19.12	19.29	19.07	19.12	19.06	20.7	2.5
10	256QAM	1	25	18.97	19.28	19.13	19.02	19.00		
10	256QAM	1	49	18.97	19.26	18.98	19.16	18.99		
10	256QAM	25	0	19.26	19.47	19.36	19.23	19.50	20.7	2.5
10	256QAM	25	12	19.24	19.51	19.38	19.35	19.32		
10	256QAM	25	25	19.31	19.48	19.35	19.29	19.26		
10	256QAM	50	0	19.33	19.47	19.25	19.24	19.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.62	22.66	22.57	22.55	22.52	23.2	0
5	QPSK	1	12	22.59	22.68	22.63	22.53	22.59		
5	QPSK	1	24	22.60	22.73	22.61	22.51	22.54		
5	QPSK	12	0	22.49	22.66	22.55	22.55	22.52	23.2	0
5	QPSK	12	7	22.53	22.75	22.68	22.44	22.55		
5	QPSK	12	13	22.59	22.68	22.64	22.50	22.56		
5	QPSK	25	0	22.49	22.71	22.61	22.49	22.54		
5	16QAM	1	0	22.58	22.66	22.68	22.45	22.62	23.2	0
5	16QAM	1	12	22.60	22.72	22.59	22.54	22.64		
5	16QAM	1	24	22.60	22.77	22.64	22.45	22.54		
5	16QAM	12	0	22.59	22.68	22.63	22.46	22.64	23.2	0
5	16QAM	12	7	22.50	22.65	22.67	22.51	22.66		
5	16QAM	12	13	22.52	22.70	22.64	22.43	22.57		
5	16QAM	25	0	22.59	22.71	22.61	22.47	22.66		
5	64QAM	1	0	22.52	22.77	22.61	22.43	22.54	23.2	0
5	64QAM	1	12	22.57	22.63	22.67	22.56	22.54		
5	64QAM	1	24	22.50	22.64	22.63	22.57	22.58		
5	64QAM	12	0	21.62	21.65	21.68	21.50	21.42	22.7	0.5
5	64QAM	12	7	21.58	21.72	21.66	21.49	21.46		
5	64QAM	12	13	21.62	21.77	21.70	21.52	21.61		
5	64QAM	25	0	21.63	21.69	21.60	21.49	21.56		
5	256QAM	1	0	19.23	19.33	19.22	19.15	19.10	20.7	2.5
5	256QAM	1	12	19.05	19.22	18.99	19.02	19.15		
5	256QAM	1	24	18.99	19.17	19.07	19.15	19.10		
5	256QAM	12	0	19.22	19.53	19.27	19.32	19.38	20.7	2.5
5	256QAM	12	7	19.28	19.47	19.29	19.31	19.22		
5	256QAM	12	13	19.28	19.53	19.27	19.23	19.23		
5	256QAM	25	0	19.37	19.44	19.19	19.24	19.35		

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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	19.30	19.33	19.20	19.15	19.10	20.5	0
20	QPSK	1	49	19.15	19.19	19.14	19.00	19.00		
20	QPSK	1	99	19.15	19.17	19.14	19.03	19.07		
20	QPSK	50	0	19.28	19.30	19.18	19.13	19.09	20.5	0
20	QPSK	50	24	19.24	19.21	19.12	19.05	19.04		
20	QPSK	50	50	19.13	19.25	19.16	19.09	19.03		
20	QPSK	100	0	19.26	19.28	19.17	19.12	19.08		
20	16QAM	1	0	19.23	19.16	19.14	19.10	19.03	20.5	0
20	16QAM	1	49	19.13	19.21	19.04	19.06	19.09		
20	16QAM	1	99	19.23	19.20	19.06	19.13	19.06		
20	16QAM	50	0	19.23	19.18	19.13	19.11	19.04	20.5	0
20	16QAM	50	24	19.13	19.16	19.16	19.11	19.01		
20	16QAM	50	50	19.26	19.18	19.11	19.06	19.01		
20	16QAM	100	0	19.20	19.26	19.09	19.08	19.08		
20	64QAM	1	0	19.26	19.15	19.04	19.06	19.01	20.5	0
20	64QAM	1	49	19.18	19.15	19.14	19.05	19.06		
20	64QAM	1	99	19.16	19.19	19.13	19.08	19.05		
20	64QAM	50	0	19.19	19.24	19.04	19.06	19.05	20.5	0
20	64QAM	50	24	19.27	19.26	19.09	19.04	19.02		
20	64QAM	50	50	19.17	19.28	19.06	19.05	19.02		
20	64QAM	100	0	19.24	19.20	19.06	19.03	19.07		
20	256QAM	1	0	18.72	18.78	18.80	18.79	18.74	20.5	0
20	256QAM	1	49	18.77	18.72	18.79	18.75	18.79		
20	256QAM	1	99	18.68	18.75	18.82	18.71	18.75		
20	256QAM	50	0	18.98	18.93	18.90	18.90	18.98	20.5	0
20	256QAM	50	24	18.90	18.98	18.93	18.95	18.93		
20	256QAM	50	50	19.10	19.02	19.04	19.10	18.98		
20	256QAM	100	0	18.96	18.98	18.94	19.05	18.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.25	19.30	19.17	19.06	19.01	20.5	0
15	QPSK	1	37	19.26	19.26	19.09	19.07	19.02		
15	QPSK	1	74	19.24	19.24	19.17	19.08	19.09		
15	QPSK	36	0	19.18	19.32	19.17	19.09	19.09	20.5	0
15	QPSK	36	20	19.19	19.27	19.09	19.14	19.03		
15	QPSK	36	39	19.26	19.28	19.07	19.12	19.05		
15	QPSK	75	0	19.26	19.23	19.14	19.14	19.01		
15	16QAM	1	0	19.19	19.31	19.16	19.01	19.02	20.5	0
15	16QAM	1	37	19.26	19.28	19.13	19.02	19.03		
15	16QAM	1	74	19.18	19.22	19.08	19.05	19.07		
15	16QAM	36	0	19.24	19.21	19.18	19.11	19.02	20.5	0
15	16QAM	36	20	19.23	19.22	19.13	19.12	19.03		
15	16QAM	36	39	19.21	19.28	19.11	19.07	19.00		
15	16QAM	75	0	19.28	19.23	19.06	19.13	19.00		
15	64QAM	1	0	19.19	19.21	19.17	19.01	19.07	20.5	0
15	64QAM	1	37	19.19	19.32	19.15	19.01	19.00		
15	64QAM	1	74	19.27	19.23	19.14	19.00	19.02		
15	64QAM	36	0	19.19	19.32	19.15	19.04	19.05	20.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.06	20.14	19.98	20.7	0
20	QPSK	1	49	20.00	20.05	19.85		
20	QPSK	1	99	20.00	20.09	19.89		
20	QPSK	50	0	20.04	20.13	19.97	20.7	0
20	QPSK	50	24	19.97	19.99	19.86		
20	QPSK	50	50	19.94	20.07	19.83		
20	QPSK	100	0	20.02	20.10	19.95		
20	16QAM	1	0	19.92	20.10	19.87	20.7	0
20	16QAM	1	49	19.92	20.07	19.94		
20	16QAM	1	99	20.01	20.06	19.94		
20	16QAM	50	0	19.95	20.04	19.91	20.7	0
20	16QAM	50	24	19.90	20.08	19.84		
20	16QAM	50	50	19.94	20.01	19.95		
20	16QAM	100	0	20.01	20.08	19.93		
20	64QAM	1	0	19.96	20.00	19.93	20.7	0
20	64QAM	1	49	19.95	20.06	19.87		
20	64QAM	1	99	19.98	20.06	19.89		
20	64QAM	50	0	19.94	19.99	19.94	20.7	0
20	64QAM	50	24	19.99	20.07	19.85		
20	64QAM	50	50	19.92	20.03	19.82		
20	64QAM	100	0	19.96	20.07	19.90		
20	256QAM	1	0	19.69	19.92	19.65	20.7	0
20	256QAM	1	49	19.74	19.87	19.76		
20	256QAM	1	99	19.82	19.85	19.70		
20	256QAM	50	0	19.76	19.86	19.71	20.7	0
20	256QAM	50	24	19.81	19.81	19.64		
20	256QAM	50	50	19.80	19.80	19.66		
20	256QAM	100	0	19.76	19.86	19.72		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.01	20.01	19.95	20.7	0
15	QPSK	1	37	19.93	20.07	19.89		
15	QPSK	1	74	19.94	20.07	19.93		
15	QPSK	36	0	19.98	20.07	19.91	20.7	0
15	QPSK	36	20	19.94	20.12	19.85		
15	QPSK	36	39	19.90	20.02	19.89		
15	QPSK	75	0	19.95	20.02	19.94		
15	16QAM	1	0	19.99	20.08	19.92	20.7	0
15	16QAM	1	37	19.95	20.12	19.90		
15	16QAM	1	74	20.00	20.02	19.85		
15	16QAM	36	0	19.94	20.10	19.88	20.7	0
15	16QAM	36	20	19.98	20.01	19.88		
15	16QAM	36	39	19.94	19.99	19.92		
15	16QAM	75	0	20.01	20.00	19.90		
15	64QAM	1	0	19.93	20.12	19.94	20.7	0
15	64QAM	1	37	19.98	20.11	19.83		
15	64QAM	1	74	19.94	19.99	19.84		
15	64QAM	36	0	20.03	20.08	19.92	20.7	0
15	64QAM	36	20	20.01	20.12	19.92		
15	64QAM	36	39	19.94	20.11	19.96		
15	64QAM	75	0	19.93	20.04	19.88		
15	256QAM	1	0	19.75	19.79	19.64	20.7	0
15	256QAM	1	37	19.78	19.90	19.65		
15	256QAM	1	74	19.69	19.91	19.68		
15	256QAM	36	0	19.83	19.81	19.73	20.7	0
15	256QAM	36	20	19.69	19.85	19.67		
15	256QAM	36	39	19.74	19.83	19.75		
15	256QAM	75	0	19.75	19.89	19.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.00	20.00	19.83	20.7	0
10	QPSK	1	25	19.97	19.99	19.90		
10	QPSK	1	49	20.00	20.03	19.83		
10	QPSK	25	0	19.89	20.12	19.90	20.7	0
10	QPSK	25	12	19.98	20.03	19.85		
10	QPSK	25	25	20.02	20.09	19.82		
10	QPSK	50	0	19.98	20.11	19.90		
10	16QAM	1	0	19.96	20.08	19.94	20.7	0
10	16QAM	1	25	19.89	20.07	19.89		
10	16QAM	1	49	19.96	19.98	19.88		
10	16QAM	25	0	19.90	19.98	19.84	20.7	0
10	16QAM	25	12	19.93	20.11	19.85		
10	16QAM	25	25	19.93	20.02	19.96		
10	16QAM	50	0	20.00	20.04	19.89		
10	64QAM	1	0	19.93	20.03	19.85	20.7	0
10	64QAM	1	25	19.99	20.02	19.84		
10	64QAM	1	49	19.98	19.99	19.83		
10	64QAM	25	0	19.89	20.08	19.95	20.7	0
10	64QAM	25	12	19.95	20.03	19.96		
10	64QAM	25	25	20.03	20.12	19.82		
10	64QAM	50	0	19.99	20.01	19.88		
10	256QAM	1	0	19.69	19.81	19.66	20.7	0
10	256QAM	1	25	19.72	19.83	19.75		
10	256QAM	1	49	19.82	19.79	19.62		
10	256QAM	25	0	19.70	19.80	19.74	20.7	0
10	256QAM	25	12	19.71	19.87	19.70		
10	256QAM	25	25	19.73	19.84	19.66		
10	256QAM	50	0	19.69	19.91	19.64		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.96	20.09	19.83	20.7	0
5	QPSK	1	12	19.93	20.08	19.95		
5	QPSK	1	24	19.95	20.12	19.95		
5	QPSK	12	0	19.89	20.11	19.82	20.7	0
5	QPSK	12	7	20.00	20.00	19.94		
5	QPSK	12	13	19.96	20.01	19.83		
5	QPSK	25	0	20.00	20.01	19.90		
5	16QAM	1	0	19.94	20.10	19.83	20.7	0
5	16QAM	1	12	19.92	20.06	19.84		
5	16QAM	1	24	20.03	20.05	19.87		
5	16QAM	12	0	19.96	20.04	19.96	20.7	0
5	16QAM	12	7	19.94	20.12	19.85		
5	16QAM	12	13	19.98	20.08	19.93		
5	16QAM	25	0	19.91	20.05	19.87		
5	64QAM	1	0	20.00	20.05	19.88	20.7	0
5	64QAM	1	12	19.97	20.11	19.95		
5	64QAM	1	24	20.01	20.01	19.94		
5	64QAM	12	0	20.03	20.05	19.87	20.7	0
5	64QAM	12	7	19.89	19.99	19.85		
5	64QAM	12	13	19.98	20.03	19.87		
5	64QAM	25	0	19.95	20.01	19.92		
5	256QAM	1	0	19.71	19.86	19.64	20.7	0
5	256QAM	1	12	19.78	19.91	19.67		
5	256QAM	1	24	19.83	19.86	19.75		
5	256QAM	12	0	19.72	19.83	19.69	20.7	0
5	256QAM	12	7	19.76	19.90	19.74		
5	256QAM	12	13	19.76	19.85	19.69		
5	256QAM	25	0	19.71	19.91	19.66		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.27	21.30	21.16	23	0
20	QPSK	1	49	21.12	21.27	21.14		
20	QPSK	1	99	21.14	21.23	21.11		
20	QPSK	50	0	21.25	21.28	21.15	23	0
20	QPSK	50	24	21.11	21.24	21.13		
20	QPSK	50	50	21.12	21.15	21.12		
20	QPSK	100	0	21.23	21.25	21.13		
20	16QAM	1	0	21.24	21.20	21.01	23	0
20	16QAM	1	49	21.24	21.17	21.09		
20	16QAM	1	99	21.17	21.23	21.03		
20	16QAM	50	0	21.14	21.24	21.10	22	1
20	16QAM	50	24	21.16	21.17	21.12		
20	16QAM	50	50	21.23	21.21	21.09		
20	16QAM	100	0	21.23	21.21	21.13		
20	64QAM	1	0	21.19	21.20	21.06	22	1
20	64QAM	1	49	21.12	21.13	21.02		
20	64QAM	1	99	21.24	21.27	21.00		
20	64QAM	50	0	19.40	19.34	19.15	21	2
20	64QAM	50	24	19.37	19.31	19.10		
20	64QAM	50	50	19.32	19.26	19.05		
20	64QAM	100	0	19.36	19.31	19.09		
20	256QAM	1	0	17.12	17.18	17.17	19	4
20	256QAM	1	49	17.14	17.13	17.06		
20	256QAM	1	99	17.18	17.12	17.04		
20	256QAM	50	0	17.44	17.38	17.44	19	4
20	256QAM	50	24	17.32	17.36	17.29		
20	256QAM	50	50	17.30	17.32	17.33		
20	256QAM	100	0	17.25	17.30	17.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.15	21.18	21.02	23	0
15	QPSK	1	37	21.14	21.27	21.11		
15	QPSK	1	74	21.13	21.26	21.01		
15	QPSK	36	0	21.10	21.22	21.13	23	0
15	QPSK	36	20	21.19	21.13	21.12		
15	QPSK	36	39	21.17	21.23	21.05		
15	QPSK	75	0	21.21	21.26	21.10		
15	16QAM	1	0	21.19	21.26	21.14	23	0
15	16QAM	1	37	21.23	21.16	21.03		
15	16QAM	1	74	21.18	21.15	21.14		
15	16QAM	36	0	21.13	21.20	21.04	22	1
15	16QAM	36	20	21.11	21.14	21.01		
15	16QAM	36	39	21.12	21.13	21.05		
15	16QAM	75	0	21.22	21.16	21.07		
15	64QAM	1	0	21.14	21.17	21.09	22	1
15	64QAM	1	37	21.12	21.13	21.13		
15	64QAM	1	74	21.19	21.20	21.00		
15	64QAM	36	0	19.29	19.30	19.11	21	2
15	64QAM	36	20	19.28	19.28	19.07		
15	64QAM	36	39	19.26	19.20	19.08		
15	64QAM	75	0	19.29	19.26	19.07		
15	256QAM	1	0	17.19	17.13	17.25	19	4
15	256QAM	1	37	17.11	17.17	17.13		
15	256QAM	1	74	17.15	17.14	17.05		
15	256QAM	36	0	17.51	17.46	17.51	19	4
15	256QAM	36	20	17.25	17.40	17.26		
15	256QAM	36	39	17.26	17.28	17.33		
15	256QAM	75	0	17.21	17.32	17.24		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.18	21.22	21.04	23	0
10	QPSK	1	25	21.15	21.13	21.00		
10	QPSK	1	49	21.11	21.27	21.06		
10	QPSK	25	0	21.15	21.20	21.04	23	0
10	QPSK	25	12	21.22	21.26	21.07		
10	QPSK	25	25	21.23	21.18	21.12		
10	QPSK	50	0	21.15	21.27	21.04		
10	16QAM	1	0	21.18	21.27	21.02	23	0
10	16QAM	1	25	21.19	21.14	21.08		
10	16QAM	1	49	21.23	21.18	21.08		
10	16QAM	25	0	21.16	21.22	21.03	22	1
10	16QAM	25	12	21.19	21.27	21.07		
10	16QAM	25	25	21.17	21.15	21.11		
10	16QAM	50	0	21.24	21.13	21.08		
10	64QAM	1	0	21.12	21.19	21.03	22	1
10	64QAM	1	25	21.10	21.25	21.07		
10	64QAM	1	49	21.10	21.26	21.07		
10	64QAM	25	0	19.29	19.29	19.05	21	2
10	64QAM	25	12	19.34	19.26	19.06		
10	64QAM	25	25	19.30	19.19	19.05		
10	64QAM	50	0	19.25	19.28	19.02		
10	256QAM	1	0	17.09	17.23	17.22	19	4
10	256QAM	1	25	17.22	17.08	17.01		
10	256QAM	1	49	17.21	17.20	17.08		
10	256QAM	25	0	17.37	17.46	17.44	19	4
10	256QAM	25	12	17.34	17.29	17.21		
10	256QAM	25	25	17.37	17.25	17.36		
10	256QAM	50	0	17.31	17.37	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.23	21.13	21.11	23	0
5	QPSK	1	12	21.15	21.17	21.06		
5	QPSK	1	24	21.12	21.23	21.00		
5	QPSK	12	0	21.23	21.17	21.03	23	0
5	QPSK	12	7	21.10	21.14	21.01		
5	QPSK	12	13	21.22	21.16	21.05		
5	QPSK	25	0	21.23	21.13	21.02		
5	16QAM	1	0	21.12	21.21	21.13	23	0
5	16QAM	1	12	21.18	21.24	21.11		
5	16QAM	1	24	21.23	21.16	21.01		
5	16QAM	12	0	21.13	21.24	21.10	22	1
5	16QAM	12	7	21.15	21.18	21.03		
5	16QAM	12	13	21.19	21.24	21.03		
5	16QAM	25	0	21.16	21.15	21.09		
5	64QAM	1	0	21.23	21.21	21.07	22	1
5	64QAM	1	12	21.21	21.27	21.09		
5	64QAM	1	24	21.14	21.24	21.13		
5	64QAM	12	0	19.31	19.24	19.12	21	2
5	64QAM	12	7	19.32	19.21	19.05		
5	64QAM	12	13	19.26	19.19	19.08		
5	64QAM	25	0	19.27	19.27	19.06		
5	256QAM	1	0	17.07	17.25	17.16	19	4
5	256QAM	1	12	17.09	17.20	17.13		
5	256QAM	1	24	17.21	17.14	17.11		
5	256QAM	12	0	17.45	17.39	17.50	19	4
5	256QAM	12	7	17.37	17.29	17.26		
5	256QAM	12	13	17.23	17.32	17.40		
5	256QAM	25	0	17.31	17.26	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.86	18.90	18.73	20	0
20	QPSK	1	49	18.73	18.81	18.65		
20	QPSK	1	99	18.75	18.85	18.57		
20	QPSK	50	0	18.85	18.88	18.71	20	0
20	QPSK	50	24	18.78	18.79	18.59		
20	QPSK	50	50	18.75	18.74	18.59		
20	QPSK	100	0	18.83	18.85	18.70		
20	16QAM	1	0	18.84	18.79	18.64	20	0
20	16QAM	1	49	18.74	18.83	18.69		
20	16QAM	1	99	18.80	18.77	18.62		
20	16QAM	50	0	18.70	18.79	18.62	20	0
20	16QAM	50	24	18.73	18.86	18.65		
20	16QAM	50	50	18.81	18.86	18.70		
20	16QAM	100	0	18.82	18.87	18.59		
20	64QAM	1	0	18.74	18.77	18.70	20	0
20	64QAM	1	49	18.80	18.77	18.68		
20	64QAM	1	99	18.76	18.75	18.66		
20	64QAM	50	0	18.77	18.86	18.63	20	0
20	64QAM	50	24	18.78	18.74	18.65		
20	64QAM	50	50	18.82	18.84	18.65		
20	64QAM	100	0	18.82	18.87	18.59		
20	256QAM	1	0	18.77	18.76	18.63	20	0
20	256QAM	1	49	18.78	18.81	18.65		
20	256QAM	1	99	18.80	18.74	18.63		
20	256QAM	50	0	18.84	18.81	18.57	20	0
20	256QAM	50	24	18.81	18.85	18.57		
20	256QAM	50	50	18.82	18.75	18.64		
20	256QAM	100	0	18.73	18.79	18.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.78	18.80	18.70	20	0
15	QPSK	1	37	18.79	18.82	18.68		
15	QPSK	1	74	18.72	18.73	18.66		
15	QPSK	36	0	18.80	18.75	18.65	20	0
15	QPSK	36	20	18.76	18.80	18.64		
15	QPSK	36	39	18.78	18.74	18.70		
15	QPSK	75	0	18.76	18.86	18.65		
15	16QAM	1	0	18.72	18.79	18.65	20	0
15	16QAM	1	37	18.81	18.83	18.70		
15	16QAM	1	74	18.70	18.87	18.68		
15	16QAM	36	0	18.71	18.75	18.65	20	0
15	16QAM	36	20	18.71	18.83	18.57		
15	16QAM	36	39	18.75	18.79	18.69		
15	16QAM	75	0	18.77	18.85	18.56		
15	64QAM	1	0	18.83	18.83	18.67	20	0
15	64QAM	1	37	18.77	18.80	18.63		
15	64QAM	1	74	18.81	18.87	18.63		
15	64QAM	36	0	18.79	18.77	18.70	20	0
15	64QAM	36	20	18.82	18.85	18.62		
15	64QAM	36	39	18.80	18.81	18.61		
15	64QAM	75	0	18.73	18.78	18.58		
15	256QAM	1	0	18.73	18.82	18.62	20	0
15	256QAM	1	37	18.70	18.84	18.63		
15	256QAM	1	74	18.80	18.74	18.68		
15	256QAM	36	0	18.83	18.82	18.64	20	0
15	256QAM	36	20	18.75	18.73	18.61		
15	256QAM	36	39	18.72	18.85	18.58		
15	256QAM	75	0	18.82	18.87	18.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.83	18.87	18.70	20	0
10	QPSK	1	25	18.79	18.86	18.60		
10	QPSK	1	49	18.84	18.75	18.61		
10	QPSK	25	0	18.81	18.85	18.66	20	0
10	QPSK	25	12	18.84	18.83	18.66		
10	QPSK	25	25	18.84	18.77	18.61		
10	QPSK	50	0	18.79	18.85	18.57		
10	16QAM	1	0	18.80	18.73	18.61	20	0
10	16QAM	1	25	18.84	18.77	18.58		
10	16QAM	1	49	18.75	18.77	18.68		
10	16QAM	25	0	18.72	18.77	18.59	20	0
10	16QAM	25	12	18.73	18.86	18.68		
10	16QAM	25	25	18.76	18.81	18.60		
10	16QAM	50	0	18.78	18.82	18.65		
10	64QAM	1	0	18.79	18.81	18.68	20	0
10	64QAM	1	25	18.77	18.81	18.56		
10	64QAM	1	49	18.82	18.81	18.61		
10	64QAM	25	0	18.77	18.87	18.63	20	0
10	64QAM	25	12	18.78	18.87	18.57		
10	64QAM	25	25	18.81	18.74	18.64		
10	64QAM	50	0	18.70	18.79	18.58		
10	256QAM	1	0	18.80	18.74	18.62	20	0
10	256QAM	1	25	18.79	18.85	18.70		
10	256QAM	1	49	18.83	18.83	18.70		
10	256QAM	25	0	18.84	18.77	18.70	20	0
10	256QAM	25	12	18.76	18.82	18.67		
10	256QAM	25	25	18.71	18.87	18.64		
10	256QAM	50	0	18.78	18.80	18.64		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.75	18.76	18.63	20	0
5	QPSK	1	12	18.78	18.74	18.56		
5	QPSK	1	24	18.76	18.83	18.60		
5	QPSK	12	0	18.80	18.83	18.62	20	0
5	QPSK	12	7	18.72	18.83	18.60		
5	QPSK	12	13	18.71	18.82	18.59		
5	QPSK	25	0	18.80	18.75	18.62		
5	16QAM	1	0	18.72	18.82	18.60	20	0
5	16QAM	1	12	18.78	18.86	18.70		
5	16QAM	1	24	18.76	18.74	18.63		
5	16QAM	12	0	18.80	18.86	18.68	20	0
5	16QAM	12	7	18.77	18.79	18.57		
5	16QAM	12	13	18.80	18.77	18.68		
5	16QAM	25	0	18.74	18.82	18.60		
5	64QAM	1	0	18.84	18.75	18.56	20	0
5	64QAM	1	12	18.75	18.74	18.62		
5	64QAM	1	24	18.71	18.75	18.56		
5	64QAM	12	0	18.78	18.86	18.68	20	0
5	64QAM	12	7	18.74	18.74	18.68		
5	64QAM	12	13	18.70	18.86	18.63		
5	64QAM	25	0	18.75	18.74	18.58		
5	256QAM	1	0	18.83	18.75	18.69	20	0
5	256QAM	1	12	18.79	18.77	18.62		
5	256QAM	1	24	18.83	18.85	18.58		
5	256QAM	12	0	18.83	18.82	18.65	20	0
5	256QAM	12	7	18.81	18.84	18.60		
5	256QAM	12	13	18.80	18.77	18.63		
5	256QAM	25	0	18.71	18.85	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.00	16.06	15.82	17.5	0
20	QPSK	1	49	15.93	15.98	15.75		
20	QPSK	1	99	15.97	16.04	15.70		
20	QPSK	50	0	15.98	16.05	15.80	17.5	0
20	QPSK	50	24	15.97	16.03	15.76		
20	QPSK	50	50	15.86	15.91	15.73		
20	QPSK	100	0	15.96	16.03	15.79		
20	16QAM	1	0	15.92	15.91	15.73	17.5	0
20	16QAM	1	49	15.85	16.03	15.78		
20	16QAM	1	99	15.89	15.97	15.65		
20	16QAM	50	0	15.91	15.93	15.70	17.5	0
20	16QAM	50	24	15.86	15.98	15.74		
20	16QAM	50	50	15.97	15.94	15.77		
20	16QAM	100	0	15.92	15.91	15.73		
20	64QAM	1	0	15.89	16.02	15.72	17.5	0
20	64QAM	1	49	15.87	15.92	15.67		
20	64QAM	1	99	15.84	15.94	15.77		
20	64QAM	50	0	15.92	15.97	15.75	17.5	0
20	64QAM	50	24	15.91	15.95	15.77		
20	64QAM	50	50	15.95	16.00	15.67		
20	64QAM	100	0	15.93	16.01	15.68		
20	256QAM	1	0	15.97	15.97	15.73	17.5	0
20	256QAM	1	49	15.96	15.98	15.77		
20	256QAM	1	99	15.97	15.92	15.65		
20	256QAM	50	0	15.88	15.93	15.74	17.5	0
20	256QAM	50	24	15.90	15.94	15.66		
20	256QAM	50	50	15.92	15.92	15.75		
20	256QAM	100	0	15.94	16.04	15.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.90	16.04	15.72	17.5	0
15	QPSK	1	37	15.85	15.91	15.79		
15	QPSK	1	74	15.84	16.02	15.79		
15	QPSK	36	0	15.93	15.90	15.75	17.5	0
15	QPSK	36	20	15.88	15.97	15.65		
15	QPSK	36	39	15.96	15.99	15.67		
15	QPSK	75	0	15.84	15.90	15.75		
15	16QAM	1	0	15.89	16.01	15.75	17.5	0
15	16QAM	1	37	15.93	16.01	15.70		
15	16QAM	1	74	15.87	16.02	15.73		
15	16QAM	36	0	15.88	15.95	15.74	17.5	0
15	16QAM	36	20	15.86	15.91	15.73		
15	16QAM	36	39	15.95	15.97	15.75		
15	16QAM	75	0	15.96	15.96	15.78		
15	64QAM	1	0	15.88	15.99	15.69	17.5	0
15	64QAM	1	37	15.89	15.97	15.77		
15	64QAM	1	74	15.95	15.90	15.74		
15	64QAM	36	0	15.87	16.02	15.73	17.5	0
15	64QAM	36	20	15.88	15.95	15.78		
15	64QAM	36	39	15.96	15.92	15.77		
15	64QAM	75	0	15.95	15.96	15.66		
15	256QAM	1	0	15.84	15.94	15.75	17.5	0
15	256QAM	1	37	15.96	16.04	15.77		
15	256QAM	1	74	15.87	15.95	15.73		
15	256QAM	36	0	15.88	16.02	15.76	17.5	0
15	256QAM	36	20	15.95	15.98	15.65		
15	256QAM	36	39	15.87	15.94	15.72		
15	256QAM	75	0	15.97	16.01	15.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.97	15.96	15.77	17.5	0
10	QPSK	1	25	15.84	16.01	15.77		
10	QPSK	1	49	15.94	15.97	15.76		
10	QPSK	25	0	15.90	15.98	15.79	17.5	0
10	QPSK	25	12	15.84	16.04	15.65		
10	QPSK	25	25	15.85	15.93	15.77		
10	QPSK	50	0	15.87	15.93	15.69		
10	16QAM	1	0	15.86	15.99	15.69	17.5	0
10	16QAM	1	25	15.88	15.92	15.79		
10	16QAM	1	49	15.93	15.94	15.68		
10	16QAM	25	0	15.95	16.03	15.74	17.5	0
10	16QAM	25	12	15.92	15.99	15.68		
10	16QAM	25	25	15.85	15.92	15.68		
10	16QAM	50	0	15.87	15.96	15.71		
10	64QAM	1	0	15.95	16.03	15.66	17.5	0
10	64QAM	1	25	15.92	15.92	15.77		
10	64QAM	1	49	15.94	16.01	15.77		
10	64QAM	25	0	15.97	15.97	15.77	17.5	0
10	64QAM	25	12	15.94	15.96	15.70		
10	64QAM	25	25	15.91	15.90	15.65		
10	64QAM	50	0	15.96	16.03	15.74		
10	256QAM	1	0	15.93	15.98	15.68	17.5	0
10	256QAM	1	25	15.95	15.94	15.74		
10	256QAM	1	49	15.96	15.90	15.68		
10	256QAM	25	0	15.97	15.99	15.73	17.5	0
10	256QAM	25	12	15.87	15.96	15.74		
10	256QAM	25	25	15.97	15.97	15.75		
10	256QAM	50	0	15.84	16.03	15.67		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.85	16.00	15.78	17.5	0
5	QPSK	1	12	15.93	16.03	15.79		
5	QPSK	1	24	15.97	16.04	15.77		
5	QPSK	12	0	15.83	16.00	15.65	17.5	0
5	QPSK	12	7	15.88	15.96	15.72		
5	QPSK	12	13	15.94	15.95	15.69		
5	QPSK	25	0	15.91	15.95	15.72		
5	16QAM	1	0	15.90	15.91	15.77	17.5	0
5	16QAM	1	12	15.94	16.02	15.65		
5	16QAM	1	24	15.83	16.04	15.69		
5	16QAM	12	0	15.92	15.91	15.78	17.5	0
5	16QAM	12	7	15.87	16.02	15.75		
5	16QAM	12	13	15.86	15.94	15.72		
5	16QAM	25	0	15.83	16.02	15.65		
5	64QAM	1	0	15.93	16.00	15.65	17.5	0
5	64QAM	1	12	15.91	16.03	15.79		
5	64QAM	1	24	15.85	16.01	15.70		
5	64QAM	12	0	15.85	15.91	15.75	17.5	0
5	64QAM	12	7	15.88	16.03	15.65		
5	64QAM	12	13	15.94	16.03	15.70		
5	64QAM	25	0	15.86	15.98	15.74		
5	256QAM	1	0	15.94	15.91	15.76	17.5	0
5	256QAM	1	12	15.92	15.95	15.79		
5	256QAM	1	24	15.95	15.95	15.67		
5	256QAM	12	0	15.83	16.01	15.74	17.5	0
5	256QAM	12	7	15.93	15.96	15.68		
5	256QAM	12	13	15.89	15.92	15.77		
5	256QAM	25	0	15.88	16.00	15.65		

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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	21.74	21.93	21.66	21.71	22.7	0
20	QPSK	1	49	21.73	21.91	21.63	21.66		
20	QPSK	1	99	21.62	21.90	21.62	21.61		
20	QPSK	50	0	21.46	21.63	21.39	21.44	22.7	0
20	QPSK	50	24	21.38	21.61	21.36	21.41		
20	QPSK	50	50	21.31	21.55	21.38	21.32		
20	QPSK	100	0	21.38	21.62	21.46	21.38		
20	16QAM	1	0	21.33	21.54	21.28	21.37	22.7	0
20	16QAM	1	49	21.32	21.56	21.21	21.28		
20	16QAM	1	99	21.25	21.50	21.39	21.34		
20	16QAM	50	0	21.43	21.59	21.43	21.49	22.7	0
20	16QAM	50	24	21.42	21.61	21.35	21.39		
20	16QAM	50	50	21.31	21.57	21.37	21.39		
20	16QAM	100	0	21.40	21.61	21.45	21.32		
20	64QAM	1	0	20.93	21.24	21.00	20.95	22.7	0
20	64QAM	1	49	20.98	21.18	20.86	20.93		
20	64QAM	1	99	21.00	21.24	21.04	21.09		
20	64QAM	50	0	21.11	21.39	21.15	21.15	22.2	0.5
20	64QAM	50	24	21.04	21.29	21.12	21.03		
20	64QAM	50	50	21.11	21.31	21.10	21.16		
20	64QAM	100	0	21.18	21.33	21.03	21.15		
20	256QAM	1	0	18.90	19.12	18.91	18.93	20.2	2.5
20	256QAM	1	49	18.90	19.18	18.84	18.93		
20	256QAM	1	99	19.09	19.25	19.11	19.07		
20	256QAM	50	0	19.10	19.35	19.22	19.10	20.2	2.5
20	256QAM	50	24	19.12	19.41	19.21	19.10		
20	256QAM	50	50	19.21	19.40	19.18	19.22		
20	256QAM	100	0	19.14	19.32	19.05	19.15		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.67	21.80	21.58	21.66	22.7	0
15	QPSK	1	37	21.65	21.86	21.58	21.58		
15	QPSK	1	74	21.56	21.82	21.49	21.55		
15	QPSK	36	0	21.37	21.52	21.28	21.28	22.7	0
15	QPSK	36	20	21.27	21.56	21.20	21.33		
15	QPSK	36	39	21.22	21.39	21.33	21.19		
15	QPSK	75	0	21.26	21.55	21.34	21.25		
15	16QAM	1	0	21.17	21.38	21.14	21.23	22.7	0
15	16QAM	1	37	21.32	21.47	21.31	21.31		
15	16QAM	1	74	21.13	21.39	21.25	21.22		
15	16QAM	36	0	21.34	21.51	21.34	21.42	22.7	0
15	16QAM	36	20	21.30	21.45	21.24	21.29		
15	16QAM	36	39	21.15	21.45	21.27	21.34		
15	16QAM	75	0	21.25	21.49	21.35	21.26		
15	64QAM	1	0	20.86	21.08	20.86	20.79	22.7	0
15	64QAM	1	37	20.87	21.09	20.72	20.78		
15	64QAM	1	74	20.89	21.12	20.93	20.94		
15	64QAM	36	0	21.00	21.30	21.01	21.08	22.2	0.5
15	64QAM	36	20	20.91	21.18	21.00	20.93		
15	64QAM	36	39	21.06	21.19	21.01	21.03		
15	64QAM	75	0	21.05	21.28	20.97	21.06		
15	256QAM	1	0	18.80	19.00	18.86	18.81	20.2	2.5
15	256QAM	1	37	18.75	19.02	18.79	18.77		
15	256QAM	1	74	18.98	19.15	19.01	18.97		
15	256QAM	36	0	19.04	19.19	19.10	18.97	20.2	2.5
15	256QAM	36	20	19.01	19.26	19.05	18.98		
15	256QAM	36	39	19.12	19.30	19.12	19.09		
15	256QAM	75	0	19.05	19.16	18.98	19.09		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.58	21.81	21.56	21.62	22.7	0
10	QPSK	1	25	21.65	21.77	21.53	21.59		
10	QPSK	1	49	21.47	21.76	21.57	21.48		
10	QPSK	25	0	21.32	21.57	21.32	21.30	22.7	0
10	QPSK	25	12	21.24	21.52	21.28	21.31		
10	QPSK	25	25	21.26	21.44	21.22	21.21		
10	QPSK	50	0	21.24	21.50	21.40	21.24		
10	16QAM	1	0	21.20	21.45	21.17	21.21	22.7	0
10	16QAM	1	25	21.31	21.52	21.30	21.33		
10	16QAM	1	49	21.11	21.34	21.25	21.21		
10	16QAM	25	0	21.38	21.52	21.36	21.38	22.7	0
10	16QAM	25	12	21.35	21.47	21.27	21.25		
10	16QAM	25	25	21.17	21.51	21.23	21.33		
10	16QAM	50	0	21.34	21.45	21.38	21.17		
10	64QAM	1	0	20.77	21.18	20.93	20.85	22.7	0
10	64QAM	1	25	20.82	21.02	20.74	20.87		
10	64QAM	1	49	20.86	21.08	20.94	20.93		
10	64QAM	25	0	21.03	21.28	20.99	21.08	22.2	0.5
10	64QAM	25	12	20.99	21.22	21.05	20.97		
10	64QAM	25	25	21.06	21.20	20.97	21.00		
10	64QAM	50	0	21.12	21.27	20.92	21.08		
10	256QAM	1	0	18.83	19.07	18.83	18.83	20.2	2.5
10	256QAM	1	25	18.78	19.11	18.68	18.79		
10	256QAM	1	49	18.99	19.12	18.99	18.96		
10	256QAM	25	0	18.96	19.29	19.12	19.00	20.2	2.5
10	256QAM	25	12	19.07	19.32	19.09	18.95		
10	256QAM	25	25	19.09	19.30	19.03	19.13		
10	256QAM	50	0	19.05	19.27	18.96	19.02		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.65	21.77	21.58	21.64	22.7	0
5	QPSK	1	12	21.65	21.83	21.55	21.51		
5	QPSK	1	24	21.46	21.83	21.49	21.51		
5	QPSK	12	0	21.39	21.54	21.30	21.33	22.7	0
5	QPSK	12	7	21.30	21.51	21.29	21.28		
5	QPSK	12	13	21.15	21.46	21.24	21.17		
5	QPSK	25	0	21.29	21.58	21.33	21.22		
5	16QAM	1	0	21.21	21.40	21.15	21.26	22.7	0
5	16QAM	1	12	21.32	21.55	21.21	21.25		
5	16QAM	1	24	21.09	21.44	21.34	21.18		
5	16QAM	12	0	21.37	21.53	21.29	21.41	22.7	0
5	16QAM	12	7	21.29	21.55	21.23	21.26		
5	16QAM	12	13	21.15	21.49	21.23	21.31		
5	16QAM	25	0	21.30	21.56	21.36	21.19		
5	64QAM	1	0	20.78	21.12	20.89	20.90	22.7	0
5	64QAM	1	12	20.86	21.09	20.74	20.78		
5	64QAM	1	24	20.94	21.18	20.96	20.94		
5	64QAM	12	0	21.04	21.29	21.07	21.04	22.2	0.5
5	64QAM	12	7	20.95	21.19	21.07	20.93		
5	64QAM	12	13	21.00	21.15	20.95	21.02		
5	64QAM	25	0	21.06	21.19	20.91	21.04		
5	256QAM	1	0	18.80	19.05	18.84	18.80	20.2	2.5
5	256QAM	1	12	18.74	19.11	18.73	18.82		
5	256QAM	1	24	18.96	19.09	19.06	18.97		
5	256QAM	12	0	19.05	19.28	19.10	18.95	20.2	2.5
5	256QAM	12	7	19.05	19.26	19.08	18.99		
5	256QAM	12	13	19.14	19.31	19.04	19.14		
5	256QAM	25	0	18.99	19.16	18.97	19.00		

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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	21.31	21.50	21.48	21.48	23	0
20	QPSK	1	49	21.22	21.45	21.38	21.41		
20	QPSK	1	99	21.27	21.49	21.40	21.44		
20	QPSK	50	0	20.17	20.43	20.38	20.36	22	1
20	QPSK	50	24	20.15	20.37	20.28	20.33		
20	QPSK	50	50	20.15	20.42	20.37	20.35		
20	QPSK	100	0	20.11	20.40	20.31	20.38		
20	16QAM	1	0	20.13	20.42	20.37	20.35	22	1
20	16QAM	1	49	20.19	20.45	20.40	20.36		
20	16QAM	1	99	20.16	20.44	20.34	20.34		
20	16QAM	50	0	19.17	19.42	19.39	19.38	21	2
20	16QAM	50	24	19.19	19.41	19.37	19.37		
20	16QAM	50	50	19.22	19.47	19.40	19.37		
20	16QAM	100	0	19.19	19.41	19.37	19.37		
20	64QAM	1	0	19.08	19.23	19.19	19.13	21	2
20	64QAM	1	49	19.00	19.22	19.16	19.14		
20	64QAM	1	99	19.08	19.16	19.13	19.12		
20	64QAM	50	0	18.14	18.41	18.38	18.32	20	3
20	64QAM	50	24	18.18	18.42	18.39	18.34		
20	64QAM	50	50	18.18	18.46	18.43	18.38		
20	64QAM	100	0	18.18	18.41	18.37	18.30		
20	256QAM	1	0	16.05	16.23	16.19	16.15	18	5
20	256QAM	1	49	16.08	16.27	16.19	16.19		
20	256QAM	1	99	16.13	16.36	16.33	16.33		
20	256QAM	50	0	16.21	16.45	16.41	16.41	18	5
20	256QAM	50	24	16.24	16.46	16.37	16.43		
20	256QAM	50	50	16.22	16.51	16.49	16.43		
20	256QAM	100	0	16.20	16.41	16.31	16.39		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.25	21.45	21.42	21.41	23	0
15	QPSK	1	37	21.11	21.34	21.34	21.35		
15	QPSK	1	74	21.25	21.43	21.35	21.37		
15	QPSK	36	0	20.14	20.41	20.34	20.33	22	1
15	QPSK	36	20	20.05	20.33	20.25	20.30		
15	QPSK	36	39	20.08	20.32	20.30	20.24		
15	QPSK	75	0	20.06	20.37	20.27	20.31		
15	16QAM	1	0	20.03	20.37	20.30	20.30	22	1
15	16QAM	1	37	20.16	20.38	20.33	20.27		
15	16QAM	1	74	20.08	20.35	20.32	20.26		
15	16QAM	36	0	19.10	19.35	19.34	19.34	21	2
15	16QAM	36	20	19.13	19.31	19.32	19.28		
15	16QAM	36	39	19.18	19.41	19.35	19.30		
15	16QAM	75	0	19.12	19.37	19.29	19.29		
15	64QAM	1	0	19.05	19.13	19.17	19.03	21	2
15	64QAM	1	37	19.07	19.15	19.14	19.12		
15	64QAM	1	74	19.06	19.05	19.03	19.07		
15	64QAM	36	0	18.05	18.36	18.33	18.29	20	3
15	64QAM	36	20	18.07	18.38	18.35	18.32		
15	64QAM	36	39	18.07	18.42	18.35	18.28		
15	64QAM	75	0	18.09	18.30	18.29	18.25		
15	256QAM	1	0	16.08	16.19	16.14	16.08	18	5
15	256QAM	1	37	16.05	16.23	16.09	16.12		
15	256QAM	1	74	16.04	16.30	16.29	16.23		
15	256QAM	36	0	16.19	16.40	16.32	16.36	18	5
15	256QAM	36	20	16.21	16.36	16.34	16.40		
15	256QAM	36	39	16.16	16.41	16.40	16.37		
15	256QAM	75	0	16.10	16.39	16.25	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.28	21.45	21.44	21.44	23	0
10	QPSK	1	25	21.20	21.36	21.30	21.31		
10	QPSK	1	49	21.22	21.41	21.30	21.35		
10	QPSK	25	0	20.06	20.37	20.30	20.26	22	1
10	QPSK	25	12	20.07	20.29	20.19	20.28		
10	QPSK	25	25	20.10	20.33	20.27	20.28		
10	QPSK	50	0	20.00	20.33	20.28	20.27		
10	16QAM	1	0	20.04	20.33	20.32	20.25	22	1
10	16QAM	1	25	20.17	20.34	20.29	20.31		
10	16QAM	1	49	20.11	20.34	20.23	20.26		
10	16QAM	25	0	19.14	19.39	19.28	19.30	21	2
10	16QAM	25	12	19.17	19.33	19.30	19.30		
10	16QAM	25	25	19.17	19.44	19.35	19.31		
10	16QAM	50	0	19.11	19.33	19.26	19.27		
10	64QAM	1	0	19.08	19.20	19.12	19.10	21	2
10	64QAM	1	25	19.06	19.15	19.07	19.11		
10	64QAM	1	49	19.05	19.10	19.05	19.07		
10	64QAM	25	0	18.11	18.37	18.36	18.28	20	3
10	64QAM	25	12	18.15	18.39	18.37	18.31		
10	64QAM	25	25	18.12	18.37	18.38	18.30		
10	64QAM	50	0	18.11	18.37	18.27	18.23		
10	256QAM	1	0	16.16	16.16	16.15	16.08	18	5
10	256QAM	1	25	16.07	16.17	16.09	16.10		
10	256QAM	1	49	16.08	16.30	16.26	16.28		
10	256QAM	25	0	16.11	16.40	16.39	16.32	18	5
10	256QAM	25	12	16.20	16.42	16.29	16.40		
10	256QAM	25	25	16.11	16.40	16.47	16.38		
10	256QAM	50	0	16.10	16.38	16.29	16.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.25	21.40	21.40	21.45	23	0
5	QPSK	1	12	21.16	21.37	21.28	21.35		
5	QPSK	1	24	21.16	21.47	21.37	21.35		
5	QPSK	12	0	20.07	20.36	20.35	20.30	22	1
5	QPSK	12	7	20.04	20.28	20.23	20.24		
5	QPSK	12	13	20.09	20.40	20.27	20.25		
5	QPSK	25	0	20.02	20.29	20.20	20.31		
5	16QAM	1	0	20.06	20.39	20.32	20.29	22	1
5	16QAM	1	12	20.08	20.35	20.29	20.29		
5	16QAM	1	24	20.06	20.41	20.24	20.27		
5	16QAM	12	0

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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	19.25	19.37	19.32	19.30		
20	QPSK	1	49	19.14	19.24	19.24	19.13	21	0
20	QPSK	1	99	19.16	19.22	19.25	19.25		
20	QPSK	50	0	19.23	19.35	19.30	19.28		
20	QPSK	50	24	19.13	19.33	19.26	19.16	21	0
20	QPSK	50	50	19.22	19.22	19.16	19.13		
20	QPSK	100	0	19.22	19.33	19.28	19.27		
20	16QAM	1	0	19.13	19.21	19.29	19.26		
20	16QAM	1	49	19.20	19.30	19.26	19.20	21	0
20	16QAM	1	99	19.16	19.23	19.26	19.24		
20	16QAM	50	0	19.21	19.34	19.19	19.18		
20	16QAM	50	24	19.13	19.21	19.23	19.16	21	0
20	16QAM	50	50	19.12	19.23	19.18	19.18		
20	16QAM	100	0	19.14	19.22	19.26	19.21		
20	64QAM	1	0	19.19	19.29	19.20	19.13		
20	64QAM	1	49	19.22	19.28	19.25	19.15	21	0
20	64QAM	1	99	19.14	19.34	19.26	19.25		
20	64QAM	50	0	19.15	19.29	19.22	19.16		
20	64QAM	50	24	19.08	19.28	19.22	19.26	21	0
20	64QAM	50	50	19.18	19.26	19.17	19.25		
20	64QAM	100	0	19.19	19.33	19.16	19.20		
20	256QAM	1	0	17.71	17.95	17.86	17.89		
20	256QAM	1	49	17.72	17.94	17.84	17.83	19.5	1.5
20	256QAM	1	99	17.82	18.06	17.97	17.95		
20	256QAM	50	0	17.91	18.12	18.03	18.03		
20	256QAM	50	24	17.91	18.13	18.06	18.05	19.5	1.5
20	256QAM	50	50	17.99	18.17	18.10	18.11		
20	256QAM	100	0	17.88	18.08	17.98	18.01		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.13	19.26	19.25	19.13		
15	QPSK	1	37	19.11	19.25	19.23	19.21	21	0
15	QPSK	1	74	19.22	19.30	19.23	19.16		
15	QPSK	36	0	19.20	19.23	19.23	19.13		
15	QPSK	36	20	19.13	19.26	19.28	19.23	21	0
15	QPSK	36	39	19.15	19.23	19.29	19.16		
15	QPSK	75	0	19.10	19.30	19.16	19.19		
15	16QAM	1	0	19.15	19.21	19.29	19.17		
15	16QAM	1	37	19.20	19.29	19.29	19.17	21	0
15	16QAM	1	74	19.21	19.24	19.15	19.16		
15	16QAM	36	0	19.20	19.34	19.20	19.26		
15	16QAM	36	20	19.14	19.21	19.26	19.26	21	0
15	16QAM	36	39	19.15	19.27	19.19	19.25		
15	16QAM	75	0	19.10	19.32	19.18	19.27		
15	64QAM	1	0	19.19	19.20	19.16	19.23		
15	64QAM	1	37	19.14	19.23	19.26	19.13	21	0
15	64QAM	1	74	19.18	19.20	19.19	19.17		
15	64QAM	36	0	19.17	19.28	19.26	19.24		
15	64QAM	36	20	19.13	19.20	19.24	19.27	21	0
15	64QAM	36	39	19.15	19.30	19.22	19.21		
15	64QAM	75	0	19.18	19.21	19.24	19.26		
15	256QAM	1	0	17.61	17.90	17.76	17.81		
15	256QAM	1	37	17.63	17.87	17.78	17.78	19.5	1.5
15	256QAM	1	74	17.75	17.99	17.91	17.88		
15	256QAM	36	0	17.88	18.08	17.98	18.00		
15	256QAM	36	20	17.88	18.04	17.96	17.98	19.5	1.5
15	256QAM	36	39	17.91	18.11	18.04	18.06		
15	256QAM	75	0	17.82	18.06	17.91	17.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.17	19.34	19.25	19.14		
10	QPSK	1	25	19.13	19.32	19.28	19.27	21	0
10	QPSK	1	49	19.18	19.34	19.17	19.26		
10	QPSK	25	0	19.08	19.20	19.27	19.20		
10	QPSK	25	12	19.13	19.30	19.28	19.25	21	0
10	QPSK	25	25	19.16	19.29	19.20	19.19		
10	QPSK	50	0	19.15	19.26	19.18	19.26		
10	16QAM	1	0	19.14	19.23	19.21	19.25		
10	16QAM	1	25	19.13	19.24	19.27	19.27	21	0
10	16QAM	1	49	19.09	19.27	19.24	19.15		
10	16QAM	25	0	19.13	19.28	19.16	19.20		
10	16QAM	25	12	19.16	19.31	19.19	19.26	21	0
10	16QAM	25	25	19.10	19.27	19.23	19.20		
10	16QAM	50	0	19.22	19.25	19.29	19.17		
10	64QAM	1	0	19.13	19.20	19.18	19.17		
10	64QAM	1	25	19.14	19.30	19.16	19.24	21	0
10	64QAM	1	49	19.12	19.27	19.29	19.25		
10	64QAM	25	0	19.09	19.33	19.15	19.21		
10	64QAM	25	12	19.11	19.20	19.26	19.18	21	0
10	64QAM	25	25	19.15	19.20	19.27	19.18		
10	64QAM	50	0	19.19	19.34	19.25	19.17		
10	256QAM	1	0	17.64	17.86	17.80	17.82		
10	256QAM	1	25	17.88	17.84	17.77	17.74	19.5	1.5
10	256QAM	1	49	17.72	18.04	17.92	17.89		
10	256QAM	25	0	17.88	18.06	18.00	17.93		
10	256QAM	25	12	17.87	18.02	17.98	17.95	19.5	1.5
10	256QAM	25	25	17.93	18.11	18.02	18.01		
10	256QAM	50	0	17.83	17.98	17.95	17.97		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.14	19.26	19.16	19.16		
5	QPSK	1	12	19.11	19.22	19.21	19.15	21	0
5	QPSK	1	24	19.14	19.21	19.27	19.25		
5	QPSK	12	0	19.16	19.21	19.21	19.18		
5	QPSK	12	7	19.10	19.34	19.29	19.14	21	0
5	QPSK	12	13	19.14	19.20	19.23	19.15		
5	QPSK	25	0	19.17	19.24	19.17	19.24		
5	16QAM	1	0	19.11	19.31	19.23	19.21		
5	16QAM	1	12	19.18	19.25	19.23	19.14	21	0
5	16QAM	1	24	19.19	19.29	19.22	19.15		
5	16QAM	12	0	19.12	19.28	19.16	19.27		
5	16QAM	12	7	19.16	19.32	19.18	19.15	21	0
5	16QAM	12	13	19.10	19.32	19.22	19.26		
5	16QAM	25	0	19.17	19.20	19.28	19.13		
5	64QAM	1	0	19.12	19.24	19.28	19.23		
5	64QAM	1	12	19.11	19.29	19.29	19.24	21	0
5	64QAM	1	24	19.11	19.24	19.25	19.22		
5	64QAM	12	0	19.17	19.30	19.19	19.27		
5	64QAM	12	7	19.10	19.23	19.27	19.19	21	0
5	64QAM	12	13	19.11	19.23	19.23	19.13		
5	64QAM	25	0	19.15	19.33	19.16	19.20		
5	256QAM	1	0	17.64	17.87	17.82	17.87		
5	256QAM	1	12	17.63	17.84	17.79	17.78	19.5	1.5
5	256QAM	1	24	17.78	17.96	17.86	17.93		
5	256QAM	12	0	17.88	18.07	18.01	18.00		
5	256QAM	12	7	17.81	18.08	18.04	17.97	19.5	1.5
5	256QAM	12	13	17.90	18.08	18.01	18.06		
5	256QAM	25	0	17.79	18.04	17.88	17.98		

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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	19.36	19.56	19.45	19.40		
20	QPSK	1	49	19.18	19.43	19.35	19.31	21	0
20	QPSK	1	99	19.30	19.41	19.34	19.30		
20	QPSK	50	0	19.33	19.55	19.43	19.38		
20	QPSK	50	24	19.24	19.40	19.33	19.35	21	0
20	QPSK	50	50	19.19	19.52	19.29	19.26		
20	QPSK	100	0	19.31	19.53	19.41	19.36		
20	16QAM	1	0	19.24	19.44	19.41	19.24		
20	16QAM	1	49	19.29	19.44	19.32	19.25	21	0
20	16QAM	1	99	19.30	19.51	19.31	19.28		
20	16QAM	50	0	18.57	18.68	18.60	18.66		
20	16QAM	50	24	18.57	18.66	18.63	18.62	20	1
20	16QAM	50	50	18.70	18.72	18.61	18.67		
20	16QAM	100	0	18.65	18.67	18.57	18.56		
20	64QAM	1	0	18.29	18.31	18.29	18.22		
20	64QAM	1	49	18.30	18.34	18.32	18.26	20	1
20	64QAM	1	99	18.35	18.46	18.35	18.35		
20	64QAM	50	0	17.64	17.71	17.69	17.63		
20	64QAM	50	24	17.56	17.67	17.56	17.59	19	2
20	64QAM	50	50	17.64	17.73	17.65	17.71		
20	64QAM	100	0	17.61	17.66	17.58	17.60		
20	256QAM	1	0	15.41	15.51	15.46	15.46		
20	256QAM	1	49	15.48	15.52	15.50	15.47	17	4
20	256QAM	1	99	15.57	15.64	15.60	15.55		
20	256QAM	50	0	15.68	15.71	15.62	15.61		
20	256QAM	50	24	15.66	15.73	15.65	15.67	17	4
20	256QAM	50	50	15.67	15.77	15.66	15.73		
20	256QAM	100	0	15.63	15.67	15.58	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.21	19.52	19.30	19.33		
15	QPSK	1	37	19.22	19.45	19.29	19.31	21	0
15	QPSK	1	74	19.20	19.47	19.31	19.35		
15	QPSK	36	0	19.18	19.46	19.34	19.30		
15	QPSK	36	20	19.29	19.45	19.34	19.28	21	0
15	QPSK	36	39	19.29	19.51	19.40	19.28		
15	QPSK	75	0	19.23	19.47	19.28	19.32		
15	16QAM	1	0	19.29	19.48	19.37	19.28		
15	16QAM	1	37	19.28	19.50	19.31	19.28	21	0
15	16QAM	1	74	19.27	19.48	19.38	19.26		
15	16QAM	36	0	18.55	18.65	18.56	18.58		
15	16QAM	36	20	18.50	18.64	18.53	18.52	20	1
15	16QAM	36	39	18.68	18.70	18.52	18.64		
15	16QAM	75	0	18.54	18.57	18.50	18.53		
15	64QAM	1	0	18.18	18.23	18.21	18.16		
15	64QAM	1	37	18.28	18.24	18.22	18.24	20	1
15	64QAM	1	74	18.31	18.36	18.28	18.25		
15	64QAM	36	0	17.61	17.61	17.63	17.56		
15	64QAM	36	20	17.50	17.59	17.45	17.50	19	2
15	64QAM	36	39	17.62	17.68	17.62	17.62		
15	64QAM	75	0	17.51	17.59	17.47	17.53		
15	256QAM	1	0	15.30	15.40	15.42	15.37		
15	256QAM	1	37	15.46	15.48	15.48	15.41	17	4
15	256QAM	1	74	15.49	15.55	15.54	15.53		
15	256QAM	36	0	15.57	15.67	15.58	15.51		
15	256QAM	36	20	15.64	15.67	15.60	15.58	17	4
15	256QAM	36	39	15.62	15.72	15.59	15.66		
15	256QAM	75	0	15.53	15.60	15.55	15.57		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.32	19.43	19.33	19.31		
10	QPSK	1	25	19.20	19.42	19.35	19.35	21	0
10	QPSK	1	49	19.27	19.46	19.41	19.33		
10	QPSK	25	0	19.29	19.42	19.32	19.28		
10	QPSK	25	12	19.25	19.51	19.37	19.28	21	0
10	QPSK	25	25	19.28	19.50	19.28	19.26		
10	QPSK	50	0	19.24	19.48	19.34	19.35		
10	16QAM	1	0	19.30	19.41	19.40	19.35		
10	16QAM	1	25	19.31	19.51	19.33	19.33	21	0
10	16QAM	1	49	19.18	19.53	19.35	19.32		
10	16QAM	25	0	18.46	18.62	18.49	18.58		
10	16QAM	25	12	18.54	18.58	18.53	18.56	20	1
10	16QAM	25	25	18.68	18.61	18.51	18.65		
10	16QAM	50	0	18.57	18.65	18.53	18.45		
10	64QAM	1	0	18.27	18.28	18.26	18.20		
10	64QAM	1	25	18.26	18.26	18.25	18.17	20	1
10	64QAM	1	49	18.25	18.36	18.30	18.28		
10	64QAM	25	0	17.55	17.66	17.67	17.52		
10	64QAM	25	12	17.50	17.61	17.48	17.56	19	2
10	64QAM	25	25	17.61	17.65	17.62	17.66		
10	64QAM	50	0	17.58	17.61	17.53	17.55		
10	256QAM	1	0	15.30	15.46	15.44	15.38		
10	256QAM	1	25	15.38	15.43	15.46	15.36	17	4
10	256QAM	1	49	15.46	15.59	15.53	15.51		
10	256QAM	25	0	15.61	15.69	15.57	15.55		
10	256QAM	25	12	15.61	15.65	15.59	15.63	17	4
10	256QAM	25	25	15.65	15.74	15.63	15.65		
10	256QAM	50	0	15.58	15.65	15.50	15.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.30	19.40	19.35	19.36		
5	QPSK	1	12	19.30	19.47	19.28	19.26	21	0
5	QPSK	1	24	19.23	19.49	19.35	19.28		
5	QPSK	12	0	19.22	19.46	19.28	19.32		
5	QPSK	12	7	19.23	19.48	19.32	19.23	21	0
5	QPSK	12	13	19.23	19.50	19.42	19.32		
5	QPSK	25	0	19.29	19.51	19.40	19.26		
5	16QAM	1	0	19.18	19.49	19.42	19.32		
5	16QAM	1	12	19.22	19.53	19.30	19.23	21	0
5	16QAM	1	24	19.23	19.43	19.34	19.31		
5	16QAM	12	0	18.51	18.60	18.58	18.62		
5	16QAM	12	7	18.48	18.59	18.54	18.57	20	1
5	16QAM	12	13	18.61	18.68	18.51	18.64		
5	16QAM	25	0	18.56	18.58	18.49	18.46		
5	64QAM	1	0	18.23	18.23	18.21	18.20		
5	64QAM	1	12	18.22	18.32	18.27	18.18	20	1
5	64QAM	1	24	18.25	18.43	18.33	18.33		
5	64QAM	12	0	17.60	17.64	17.60	17.56		
5	64QAM	12	7	17.48	17.59	17.53	17.57	19	2
5	64QAM	12	13	17.55	17.66	17.55	17.69		
5	64QAM	25	0	17.55	17.57	17.50	17.52		
5	256QAM	1	0	15.31	15.41	15.44	15.44		
5	256QAM	1	12	15.46	15.47	15.40	15.37	17	4
5	256QAM	1	24	15.54	15.58	15.51	15.49		
5	256QAM	12	0	15.59	15.60	15.56	15.50		
5	256QAM	12	7	15.58	15.62	15.54	15.58	17	4
5	256QAM	12	13	15.60	15.70	15.61	15.66		
5	256QAM	25	0	15.57	15.62	15.52	15.51		

Reduced Power Mode for Main PA ECI4

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.46	32.68	32.66	**34.00**	23.46	23.68	23.66	**25.00**
GPRS 1 Tx slot		32.44	32.67	32.65	**34.00**	23.44	23.67	23.65	**25.00**
GPRS 2 Tx slots		29.63	29.85	29.83	**31.00**	23.63	23.85	23.83	**25.00**
GPRS 3 Tx slots		27.88	28.15	28.11	**29.20**	23.62	23.89	23.85	**24.94**
GPRS 4 Tx slots		26.56	26.76	26.73	**28.00**	23.56	23.76	23.73	**25.00**
EDGE 1 Tx slot		26.91	27.08	26.98	**28.00**	17.91	18.08	17.98	**19.00**
EDGE 2 Tx slots		23.73	23.89	23.79	**25.00**	17.73	17.89	17.79	**19.00**
EDGE 3 Tx slots		21.53	21.71	21.65	**23.20**	17.27	17.45	17.39	**18.94**
EDGE 4 Tx slots		20.15	20.27	20.26	**22.00**	17.15	17.27	17.26	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	29.63	29.78	29.76	**31.00**	23.60	23.75	23.75	**24.98**
	GPRS 1 Tx slot	29.61	29.77	29.78	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.62	29.86	29.68	**31.00**	23.55	23.77	23.66	**24.98**
	GPRS 1 Tx slot	29.52	29.72	29.69	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.85	28.16	28.15	**29.20**	23.57	23.87	23.90	**24.94**
	GPRS 2 Tx slots	27.82	28.12	28.16	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.85	29.85	**31.00**	21.60	21.76	21.73	**22.94**
	EDGE 1 Tx slot	23.51	23.67	23.52	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.64	29.94	29.77	**31.00**	21.55	21.81	21.65	**22.94**
	EDGE 1 Tx slot	23.49	23.56	23.45	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.94	28.24	28.09	**29.20**	20.46	20.73	20.58	**21.94**
	EDGE 2 Tx slots	21.24	21.47	21.31	**23.20**				

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		31.91	32.13	32.11	**33.50**	22.91	23.13	23.11	**24.50**
GPRS 1 Tx slot		31.89	32.11	32.10	**33.50**	22.89	23.11	23.10	**24.50**
GPRS 2 Tx slots		29.03	29.26	29.25	**30.50**	23.03	23.26	23.25	**24.50**
GPRS 3 Tx slots		27.34	27.55	27.53	**28.70**	23.08	23.29	23.27	**24.44**
GPRS 4 Tx slots		26.03	26.24	26.22	**27.50**	23.03	23.24	23.22	**24.50**
EDGE 1 Tx slot		26.33	26.56	26.41	**27.50**	17.33	17.56	17.41	**18.50**
EDGE 2 Tx slots		23.21	23.37	23.35	**24.50**	17.21	17.37	17.35	**18.50**
EDGE 3 Tx slots		21.08	21.13	21.11	**22.70**	16.82	16.87	16.85	**18.44**
EDGE 4 Tx slots		19.60	19.68	19.66	**21.50**	16.60	16.68	16.66	**18.50**
DTM Multi-slot class 5	GSM 1 Tx slot	28.95	29.09	29.19	**30.50**	22.95	23.09	23.16	**24.48**
	GPRS 1 Tx slot	29.00	29.14	29.18	**30.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	28.97	29.26	29.18	**30.50**	22.98	23.19	23.13	**24.48**
	GPRS 1 Tx slot	29.04	29.16	29.13	**30.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.32	27.51	27.52	**28.70**	23.13	23.26	23.28	**24.44**
	GPRS 2 Tx slots	27.43	27.52	27.55	**28.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.08	29.35	29.28	**30.50**	20.98	21.22	21.19	**22.44**
	EDGE 1 Tx slot	22.84	23.00	23.12	**24.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.01	29.30	29.21	**30.50**	20.94	21.20	21.11	**22.44**
	EDGE 1 Tx slot	22.96	23.08	23.00	**24.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.38	27.49	27.62	**28.70**	19.91	20.00	20.12	**21.44**
	EDGE 2 Tx slots	20.73	20.77	20.87	**22.70**				

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		30.09	30.31	30.23	**31.00**	21.09	21.31	21.23	**22.00**
GPRS 1 Tx slot		30.08	30.30	30.22	**31.00**	21.08	21.30	21.22	**22.00**
GPRS 2 Tx slots		27.15	27.34	27.31	**28.00**	21.15	21.34	21.31	**22.00**
GPRS 3 Tx slots		25.35	25.63	25.58	**26.20**	21.09	21.37	21.32	**21.94**
GPRS 4 Tx slots		24.09	24.32	24.28	**25.00**	21.09	21.32	21.28	**22.00**
EDGE 1 Tx slot		25.62	26.07	25.65	**27.00**	16.62	17.07	16.65	**18.00**
EDGE 2 Tx slots		22.22	22.53	22.21	**24.00**	16.22	16.53	16.21	**18.00**
EDGE 3 Tx slots		20.27	20.45	20.20	**22.20**	16.01	16.19	15.94	**17.94**
EDGE 4 Tx slots		19.11	19.15	19.09	**21.00**	16.11	16.15	16.09	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	27.17	27.28	27.20	**28.00**	21.14	21.23	21.24	**21.98**
	GPRS 1 Tx slot	27.15	27.23	27.32	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.10	27.36	27.32	**28.00**	21.05	21.33	21.29	**21.98**
	GPRS 1 Tx slot	27.04	27.35	27.30	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.41	25.74	25.66	**26.20**	21.13	21.45	21.37	**21.94**
	GPRS 2 Tx slots	25.38	25.70	25.61	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.19	27.36	27.37	**28.00**	19.31	19.50	19.45	**20.42**
	EDGE 1 Tx slot	22.01	22.28	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.13	27.29	27.30	**28.00**	19.26	19.43	19.40	**20.42**
	EDGE 1 Tx slot	22.00	22.18	22.02	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.37	25.58	25.56	**26.20**	18.40	18.54	18.53	**19.71**
	EDGE 2 Tx slots	20.20	20.22	20.21	**22.20**				

GSM1900_Ant 5		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.06	30.15	30.11	**31.00**	21.06	21.15	21.11	**22.00**
GPRS 1 Tx slot		30.05	30.13	30.09	**31.00**	21.05	21.13	21.09	**22.00**
GPRS 2 Tx slots		27.07	27.15	27.11	**28.00**	21.07	21.15	21.11	**22.00**
GPRS 3 Tx slots		25.31	25.43	25.39	**26.20**	21.05	21.17	21.13	**21.94**
GPRS 4 Tx slots		24.03	24.13	24.09	**25.00**	21.03	21.13	21.09	**22.00**
EDGE 1 Tx slot		25.71	26.15	25.68	**27.00**	16.71	17.15	16.68	**18.00**
EDGE 2 Tx slots		22.25	22.68	22.21	**24.00**	16.25	16.68	16.21	**18.00**
EDGE 3 Tx slots		20.28	20.36	20.25	**22.20**	16.02	16.10	15.99	**17.94**
EDGE 4 Tx slots		19.15	19.18	19.11	**21.00**	16.15	16.18	16.11	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	26.97	27.13	26.97	**28.00**	20.98	21.08	20.94	**21.98**
	GPRS 1 Tx slot	27.04	27.07	26.96	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.01	27.15	27.01	**28.00**	20.96	21.13	20.98	**21.98**
	GPRS 1 Tx slot	26.96	27.16	26.99	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.38	25.26	25.41	**26.20**	21.03	20.99	21.15	**21.94**
	GPRS 2 Tx slots	25.25	25.25	25.41	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.02	27.25	27.06	**28.00**	19.19	19.43	19.21	**20.42**
	EDGE 1 Tx slot	22.04	22.34	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.03	27.17	27.16	**28.00**	19.19	19.39	19.29	**20.42**
	EDGE 1 Tx slot	22.03	22.42	22.01	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.39	25.51	25.43	**26.20**	18.42	18.50	18.44	**19.71**
	EDGE 2 Tx slots	20.21	20.22	20.20	**22.20**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 5			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	24.00	24.02	24.00	**25.00**	22.67	22.70	22.68	**24.00**
3GPP Rel 99	RMC 12.2Kbps	24.02	24.06	24.03	**25.00**	22.70	22.72	22.70	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.95	23.02	22.66	**24.00**	21.52	21.57	21.62	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.96	23.02	23.06	**24.00**	21.47	21.58	21.64	**23.00**
3GPP Rel 6	HSDPA Subtest-3	22.49	22.54	22.57	**23.50**	21.00	21.02	21.19	**22.50**
3GPP Rel 6	HSDPA Subtest-4	22.44	22.50	22.56	**23.50**	21.04	21.10	21.12	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.91	22.51	**24.00**	21.41	21.47	21.56	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.89	22.83	22.78	**24.00**	21.41	21.42	21.50	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	22.43	22.46	22.40	**23.50**	20.99	20.98	21.05	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	22.38	22.41	22.38	**23.50**	20.97	20.98	21.04	**22.50**
3GPP Rel 6	HSUPA Subtest-1	21.00	21.03	21.04	**23.00**	20.05	20.09	20.09	**22.00**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.83	20.90	**21.00**	19.58	19.61	19.61	**20.00**
3GPP Rel 6	HSUPA Subtest-3	21.87	21.89	21.92	**22.00**	20.50	20.68	20.68	**21.00**
3GPP Rel 6	HSUPA Subtest-4	20.53	20.58	20.65	**21.00**	19.08	19.20	19.17	**20.00**
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.10	**23.00**	20.55	20.59	20.64	**22.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.47	20.48	20.44	**20.50**	19.37	19.35	19.33	**19.50**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.88	23.96	23.95	**25.00**	23.05	23.10	23.07	**24.50**
3GPP Rel 99	RMC 12.2Kbps	23.91	23.98	23.96	**25.00**	23.08	23.12	23.10	**24.50**
3GPP Rel 6	HSDPA Subtest-1	22.81	22.86	22.92	**24.00**	21.87	21.94	22.02	**23.50**
3GPP Rel 6	HSDPA Subtest-2	22.82	22.85	22.87	**24.00**	21.85	21.90	22.03	**23.50**
3GPP Rel 6	HSDPA Subtest-3	22.33	22.37	22.40	**23.50**	21.47	21.42	21.53	**23.00**
3GPP Rel 6	HSDPA Subtest-4	22.30	22.33	22.37	**23.50**	21.44	21.40	21.44	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.78	22.73	22.75	**24.00**	21.84	21.87	21.94	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.73	22.71	22.63	**24.00**	21.79	21.86	21.90	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.30	22.34	22.31	**23.50**	21.36	21.35	21.43	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.31	22.34	**23.50**	21.35	21.30	21.37	**23.00**
3GPP Rel 6	HSUPA Subtest-1	21.06	21.11	21.15	**23.00**	20.56	20.61	20.62	**22.50**
3GPP Rel 6	HSUPA Subtest-2	20.87	20.92	20.96	**21.00**	19.91	19.97	20.13	**20.50**
3GPP Rel 6	HSUPA Subtest-3	21.86	21.92	21.97	**22.00**	20.96	20.97	21.05	**21.50**
3GPP Rel 6	HSUPA Subtest-4	20.35	20.39	20.54	**21.00**	19.46	19.47	19.63	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	22.00	**23.00**	20.85	20.96	21.04	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.45	20.47	20.44	**20.50**	19.83	19.89	19.89	**20.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.83	23.93	23.82	**25.00**	23.02	23.07	22.98	**24.50**
3GPP Rel 99	RMC 12.2Kbps	23.86	23.95	23.85	**25.00**	23.05	23.10	23.01	**24.50**
3GPP Rel 6	HSDPA Subtest-1	22.84	22.92	22.82	**24.00**	21.99	22.02	21.96	**23.50**
3GPP Rel 6	HSDPA Subtest-2	22.83	22.93	22.82	**24.00**	21.97	22.08	21.96	**23.50**
3GPP Rel 6	HSDPA Subtest-3	22.37	22.43	22.32	**23.50**	21.50	21.59	21.49	**23.00**
3GPP Rel 6	HSDPA Subtest-4	22.32	22.41	22.29	**23.50**	21.48	21.54	21.42	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.88	22.74	**24.00**	21.90	21.94	21.89	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.85	22.71	**24.00**	21.92	21.95	21.91	**23.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.33	22.30	22.26	**23.50**	21.44	21.46	21.43	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.30	22.35	22.33	**23.50**	21.46	21.43	21.44	**23.00**
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.27	**23.00**	20.51	20.52	20.52	**22.50**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.88	20.76	**21.00**	19.94	20.04	19.93	**20.50**
3GPP Rel 6	HSUPA Subtest-3	21.83	21.88	21.79	**22.00**	20.98	21.06	20.95	**21.50**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.40	20.25	**21.00**	19.44	19.51	19.44	**20.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.80	**23.00**	20.90	21.00	20.90	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.45	20.47	**20.50**	19.78	19.81	19.73	**20.00**

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	24.11	24.15	24.00		
20	QPSK	1	49	24.10	24.01	23.99	25	0
20	QPSK	1	99	24.06	23.97	23.99		
20	QPSK	50	0	23.05	23.15	22.95		
20	QPSK	50	24	23.04	22.98	22.89	24	1
20	QPSK	50	50	23.03	22.90	22.84		
20	QPSK	100	0	23.05	23.11	22.84		
20	16QAM	1	0	21.93	22.11	23.13		
20	16QAM	1	49	23.18	23.13	23.03	24	1
20	16QAM	1	99	23.22	23.08	23.03		
20	16QAM	50	0	22.01	22.01	21.87		
20	16QAM	50	24	22.02	21.97	21.87	23	2
20	16QAM	50	50	21.04	20.89	21.83		
20	16QAM	100	0	22.02	21.94	21.82		
20	64QAM	1	0	22.12	22.13	22.10		
20	64QAM	1	49	22.12	22.08	22.03	23	2
20	64QAM	1	99	22.14	22.00	21.98		
20	64QAM	50	0	21.04	21.02	20.88		
20	64QAM	50	24	21.05	20.97	20.88	22	3
20	64QAM	50	50	21.01	20.90	20.86		
20	64QAM	100	0	21.03	20.97	20.84		
20	256QAM	1	0	19.17	19.16	19.12		
20	256QAM	1	49	19.20	19.12	19.15	20	5
20	256QAM	1	99	19.10	19.09	19.15		
20	256QAM	50	0	18.98	18.98	19.01		
20	256QAM	50	24	18.96	18.98	19.03	20	5
20	256QAM	50	50	19.00	18.93	18.98		
20	256QAM	100	0	18.88	18.96	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.95	24.03	23.90		
15	QPSK	1	37	24.07	23.97	23.93	25	0
15	QPSK	1	74	24.02	23.93	23.99		
15	QPSK	36	0	22.96	22.97	22.83		
15	QPSK	36	20	22.94	22.90	22.79	24	1
15	QPSK	36	39	22.93	22.87	22.78		
15	QPSK	75	0	22.95	22.93	22.84		
15	16QAM	1	0	23.03	23.20	23.10		
15	16QAM	1	37	23.19	23.06	23.06	24	1
15	16QAM	1	74	23.17	23.07	23.04		
15	16QAM	36	0	21.98	21.96	21.85		
15	16QAM	36	20	21.97	21.90	21.82	23	2
15	16QAM	36	39	21.97	21.91	21.79		
15	16QAM	75	0	21.98	21.94	21.85		
15	64QAM	1	0	22.09	22.16	22.05		
15	64QAM	1	37	22.15	22.10	21.99	23	2
15	64QAM	1	74	22.06	22.01	21.95		
15	64QAM	36	0	21.01	20.97	20.84		
15	64QAM	36	20	20.98	20.92	20.81	22	3
15	64QAM	36	39	20.97	20.88	20.82		
15	64QAM	75	0	20.97	20.93	20.85		
15	256QAM	1	0	19.23	19.21	19.12		
15	256QAM	1	37	19.17	19.08	19.17	20	5
15	256QAM	1	74	19.10	19.12	19.07		
15	256QAM	36	0	18.90	18.93	19.04		
15	256QAM	36	20	18.88	19.00	19.09	20	5
15	256QAM	36	39	19.01	18.89	18.99		
15	256QAM	75	0	18.81	18.92	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.91	24.08	23.96		
10	QPSK	1	25	23.91	23.97	23.90	25	0
10	QPSK	1	49	24.03	24.01	23.98		
10	QPSK	25	0	22.95	22.99	22.86		
10	QPSK	25	12	23.00	22.95	22.84	24	1
10	QPSK	25	25	22.98	22.92	22.84		
10	QPSK	50	0	22.96	22.94	22.85		
10	16QAM	1	0	23.09	23.21	23.11		
10	16QAM	1	25	23.19	23.07	23.04	24	1
10	16QAM	1	49	23.14	23.06	23.05		
10	16QAM	25	0	21.96	22.00	21.85		
10	16QAM	25	12	21.99	21.95	21.84	23	2
10	16QAM	25	25	21.97	21.90	21.84		
10	16QAM	50	0	21.96	21.94	21.84		
10	64QAM	1	0	22.03	22.15	22.05		
10	64QAM	1	25	22.07	22.08	21.95	23	2
10	64QAM	1	49	22.13	22.04	21.96		
10	64QAM	25	0	20.95	20.97	20.85		
10	64QAM	25	12	20.98	20.93	20.82	22	3
10	64QAM	25	25	20.96	20.91	20.83		
10	64QAM	50	0	20.96	20.94	20.84		
10	256QAM	1	0	19.22	19.16	19.04		
10	256QAM	1	25	19.14	19.05	19.19	20	5
10	256QAM	1	49	19.13	19.01	19.08		
10	256QAM	25	0	18.94	19.01	18.93		
10	256QAM	25	12	18.92	18.95	19.08	20	5
10	256QAM	25	25	19.00	18.94	18.99		
10	256QAM	50	0	18.84	18.88	18.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.94	24.04	23.92		
5	QPSK	1	12	23.96	23.98	23.94	25	0
5	QPSK	1	24	23.99	24.04	23.98		
5	QPSK	12	0	22.97	23.02	22.90		
5	QPSK	12	7	22.94	22.94	22.87	24	1
5	QPSK	12	13	22.97	22.96	22.90		
5	QPSK	25	0	22.96	22.99	22.90		
5	16QAM	1	0	23.10	23.12	23.04		
5	16QAM	1	12	23.06	23.10	23.01	24	1
5	16QAM	1	24	23.21	23.11	23.10		
5	16QAM	12	0	21.96	21.99	21.87		
5	16QAM	12	7	21.98	21.96	21.85	23	2
5	16QAM	12	13	21.98	21.96	21.87		
5	16QAM	25	0	21.97	21.97	21.87		
5	64QAM	1	0	22.09	22.16	22.02		
5	64QAM	1	12	22.06	22.09	21.95	23	2
5	64QAM	1	24	22.19	22.09	22.04		
5	64QAM	12	0	21.01	21.04	20.95		
5	64QAM	12	7	20.99	20.97	20.92	22	3
5	64QAM	12	13	21.00	20.97	20.93		
5	64QAM	25	0	20.98	20.96	20.88		
5	256QAM	1	0	19.19	19.17	19.07		
5	256QAM	1	12	19.19	19.05	19.13	20	5
5	256QAM	1	24	19.13	19.05	19.15		
5	256QAM	12	0	18.99	19.01	19.00		
5	256QAM	12	7	18.93	18.90	18.98	20	5
5	256QAM	12	13	19.02	18.85	18.95		
5	256QAM	25	0	18.90	18.97	18.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.90	23.97	23.93		
3	QPSK	1	8	23.81	23.88	23.82	25	0
3	QPSK	1	14	23.86	23.95	23.95		
3	QPSK	8	0	22.89	22.92	22.89		
3	QPSK	8	4	22.88	22.92	22.84	24	1
3	QPSK	8	7	22.90	22.90	22.86		
3	QPSK	15	0	22.90	22.90	22.86		
3	16QAM	1	0	23.03	23.10	22.99		
3	16QAM	1	8	23.03	23.08	22.94	24	1
3	16QAM	1	14	23.08	23.06	23.02		
3	16QAM	8	0	21.90	21.96	21.84		
3	16QAM	8	4	21.93	21.94	21.88	23	2
3	16QAM	8	7	21.97	21.97	21.92		
3	16QAM	15	0	21.93	21.96	21.88		
3	64QAM	1	0	22.01	22.03	21.94		
3	64QAM	1	8	21.93	21.96	21.87	23	2
3	64QAM	1	14	22.06	22.02	21.87		
3	64QAM	8	0	20.91	20.94	20.87		
3	64QAM	8	4	20.88	20.92	20.85	22	3
3	64QAM	8	7	20.92	20.92	20.85		
3	64QAM	15	0	20.85	20.89	20.87		
3	256QAM	1	0	19.09	19.14	19.12		
3	256QAM	1	8	19.27	19.06	19.16	20	5
3	256QAM	1	14	19.06	19.15	19.15		
3	256QAM	8	0	18.98	19.04	18.96		
3	256QAM	8	4	19.02	19.01	18.97	20	5
3	256QAM	8	7	18.94	19.01	18.99		
3	256QAM	15	0	18.81	18.98	18.86		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.84	23.91	23.90		
1.4	QPSK	1	3	23.82	23.86	23.84		
1.4	QPSK	1	5	23.85	23.90	23.90	25	0
1.4	QPSK	3	0	23.75	23.83	23.81		
1.4	QPSK	3	1	23.70	23.75	23.79		
1.4	QPSK	3	3	23.80	23.80	23.86		
1.4	QPSK	6	0	22.81	22.86	22.81	24	1
1.4	16QAM	1	0	23.06	23.16	23.00		
1.4	16QAM	1	3	23.04	23.07	22.97		
1.4	16QAM	1	5	23.05	23.08	23.04	24	1
1.4	16QAM	3	0	22.84	22.85	22.81		
1.4	16QAM	3	1	22.84	22.85	22.80		
1.4	16QAM	3	3	22.82	22.87	22.84		
1.4	16QAM	6	0	21.90	21.93	21.91	23	2
1.4	64QAM	1	0	22.09	22.09	22.02		
1.4	64QAM	1	3	22.02	22.10	21.91		
1.4	64QAM	1	5	22.08	22.09	22.01	23	2
1.4	64QAM	3	0	21.94	22.03	21.97		
1.4	64QAM	3	1	21.97	21.97	21.94		
1.4	64QAM	3	3	22.00	22.00	21.98		
1.4	64QAM	6	0	20.82	20.86	20.85	22	3
1.4	256QAM	1	0	19.21	19.10	19.12		
1.4	256QAM	1	3	19.27	19.20	19.13		
1.4	256QAM	1	5	19.11	19.09	19.14	20	5
1.4	256QAM	3	0	18.95	18.98	19.03		
1.4	256QAM	3	1	18.93	19.03	19.02		
1.4	256QAM	3	3	18.98	18.97	18.91		
1.4	256QAM	6	0	18.80	18.97	18.90	20	5

Band 2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.51	22.88	22.86		
20	QPSK	1	49	22.50	22.70	22.80	24	0
20	QPSK	1	99	22.41	22.74	22.83		
20	QPSK	50	0	21.50	21.88	21.82		
20	QPSK	50	24	21.57	21.86	21.81	23	1
20	QPSK	50	50	21.52	21.77	21.81		
20	QPSK	100	0	21.71	21.85	21.82		
20	16QAM	1	0	21.93	22.11	22.03		
20	16QAM	1	49	22.01	21.99	22.01	23	1
20	16QAM	1	99	21.86	21.95	21.97		
20	16QAM	50	0	20.80	20.87	20.82		
20	16QAM	50	24	20.80	20.84	20.80	22	2
20	16QAM	50	50	20.82	20.78	20.80		
20	16QAM	100	0	20.79	20.82	20.78		
20	64QAM	1	0	20.89	21.02	20.98		
20	64QAM	1	49	20.98	20.98	20.90	22	2
20	64QAM	1	99	20.87	20.88	20.93		
20	64QAM	50	0	19.82	19.89	19.83		
20	64QAM	50	24	19.81	19.86	19.82	21	3
20	64QAM	50	50	19.77	19.79	19.80		
20	64QAM	100	0	19.82	19.83	19.79		
20	256QAM	1	0	17.95	17.92	17.94		
20	256QAM	1	49	17.78	17.83	17.90	19	5
20	256QAM	1	99	17.83	17.81	17.89		
20	256QAM	50	0	17.80	17.75	17.76		
20	256QAM	50	24	17.74	17.74	17.80	19	5
20	256QAM	50	50	17.68	17.68	17.65		
20	256QAM	100	0	17.63	17.71	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.43	22.82	22.83		
15	QPSK	1	37	22.39	22.63	22.69	24	0
15	QPSK	1	74	22.36	22.63	22.72		
15	QPSK	36	0	21.52	21.77	21.76		
15	QPSK	36	20	21.49	21.75	21.73	23	1
15	QPSK	36	39	21.44	21.73	21.77		
15	QPSK	75	0	21.61	21.78	21.72		
15	16QAM	1	0	22.08	22.08	21.94		
15	16QAM	1	37	21.86	21.94	21.96	23	1
15	16QAM	1	74	21.79	21.86	21.89		
15	16QAM	36	0	20.69	20.78	20.77		
15	16QAM	36	20	20.78	20.79	20.75	22	2
15	16QAM	36	39	20.66	20.76	20.76		
15	16QAM	75	0	20.69	20.76	20.68		
15	64QAM	1	0	20.81	20.96	20.95		
15	64QAM	1	37	20.92	20.93	20.82	22	2
15	64QAM	1	74	20.78	20.83	20.89		
15	64QAM	36	0	19.77	19.79	19.81		
15	64QAM	36	20	19.74	19.84	19.80	21	3
15	64QAM	36	39	19.73	19.72	19.76		
15	64QAM	75	0	19.73	19.76	19.76		
15	256QAM	1	0	17.92	17.89	17.94		
15	256QAM	1	37	17.72	17.87	17.86	19	5
15	256QAM	1	74	17.84	17.81	17.86		
15	256QAM	36	0	17.68	17.78	17.80		
15	256QAM	36	20	17.82	17.77	17.83	19	5
15	256QAM	36	39	17.69	17.65	17.65		
15	256QAM	75	0	17.58	17.73	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.49	22.77	22.81		
10	QPSK	1	25	22.43	22.59	22.75	24	0
10	QPSK	1	49	22.35	22.71	22.80		
10	QPSK	25	0	21.57	21.80	21.72		
10	QPSK	25	12	21.55	21.84	21.76	23	1
10	QPSK	25	25	21.42	21.70	21.78		
10	QPSK	50	0	21.68	21.80	21.72		
10	16QAM	1	0	21.83	22.00	21.96		
10	16QAM	1	25	21.83	21.89	21.96	23	1
10	16QAM	1	49	21.75	21.88	21.92		
10	16QAM	25	0	20.75	20.76	20.71		
10	16QAM	25	12	20.78	20.81	20.77	22	2
10	16QAM	25	25	20.71	20.73	20.76		
10	16QAM	50	0	20.69	20.79	20.69		
10	64QAM	1	0	20.78	20.93	20.91		
10	64QAM	1	25	20.95	20.96	20.85	22	2
10	64QAM	1	49	20.76	20.78	20.83		
10	64QAM	25	0	19.71	19.78	19.73		
10	64QAM	25	12	19.75	19.80	19.72	21	3
10	64QAM	25	25	19.67	19.76	19.74		
10	64QAM	50	0	19.71	19.79	19.73		
10	256QAM	1	0	17.89	18.00	18.01		
10	256QAM	1	25	17.83	17.89	17.82	19	5
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	17.79	17.73	17.77		
10	256QAM	25	12	17.74	17.74	17.80	19	5
10	256QAM	25	25	17.76	17.75	17.67		
10	256QAM	50	0	17.72	17.68	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.44	22.77	22.78		
5	QPSK	1	12	22.48	22.59	22.71	24	0
5	QPSK	1	24	22.36	22.64	22.74		
5	QPSK	12	0	21.48	21.79	21.79		
5	QPSK	12	7	21.53	21.77	21.79	23	1
5	QPSK	12	13	21.41	21.68	21.75		
5	QPSK	25	0	21.61	21.81	21.78		
5	16QAM	1	0	21.86	21.84	21.93		
5	16QAM	1	12	21.84	21.89	21.94	23	1
5	16QAM	1	24	21.83	21.88	21.91		
5	16QAM	12	0	20.77	20.80	20.72		
5	16QAM	12	7	20.68	20.81	20.71	22	2
5	16QAM	12	13	20.68	20.71	20.77		
5	16QAM	25	0	20.69	20.79	20.76		
5	64QAM	1	0	20.86	21.00	20.93		
5	64QAM	1	12	20.86	20.91	20.88	22	2
5	64QAM	1	24	20.85	20.81	20.86		
5	64QAM	12	0	19.73	19.87	19.73		
5	64QAM	12	7	19.71	19.79	19.80	21	3
5	64QAM	12	13	19.70	19.71	19.70		
5	64QAM	25	0	19.73	19.78	19.75		
5	256QAM	1	0	17.87	17.95	18.00		
5	256QAM	1	12	17.83	17.77	17.91	19	5
5	256QAM	1	24	17.83	17.89	17.84		
5	256QAM	12	0	17.78	17.72	17.80		
5	256QAM	12	7	17.73	17.77	17.85	19	5
5	256QAM	12	13	17.63	17.67	17.69		
5	256QAM	25	0	17.66	17.73	17.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.44	22.82	22.83		
3	QPSK	1	8	22.45	22.59	22.72	24	0
3	QPSK	1	14	22.34	22.64	22.78		
3	QPSK	8	0	21.47	21.77	21.72		
3	QPSK	8	4	21.46	21.81	21.71	23	1
3	QPSK	8	7	21.50	21.75	21.75		
3	QPSK	15	0	21.66	21.78	21.71		
3	16QAM	1	0	21.87	22.00	21.98		
3	16QAM	1	8	21.89	21.94	21.91	23	1
3	16QAM	1	14	21.83	21.90	21.91		
3	16QAM	8	0	20.71	20.63	20.77		
3	16QAM	8	4	20.71	20.77	20.75	22	2
3	16QAM	8	7	20.74	20.73	20.72		
3	16QAM	15	0	20.74	20.74	20.72		
3	64QAM	1	0	20.87	20.92	20.94		
3	64QAM	1	8	20.82	20.88	20.81	22	2
3	64QAM	1	14	20.78	20.85	20.82		
3	64QAM	8	0	19.77	19.82	19.77		
3	64QAM	8	4	19.77	19.78	19.72	21	3
3	64QAM	8	7	19.68	19.70	19.69		
3	64QAM	15	0	19.80	19.80	19.76		
3	256QAM	1	0	17.92	17.88	17.90		
3	256QAM	1	8	17.74	17.75	17.83	19	5
3	256QAM	1	14	17.85	17.87	17.83		
3	256QAM	8	0	17.82	17.81	17.70		
3	256QAM	8	4	17.70	17.78	17.81	19	5
3	256QAM	8	7	17.70	17.65	17.73		
3	256QAM	15	0	17.67	17.70	17.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.56	22.81	22.83		
1.4	QPSK	1	3	22.53	22.64	22.71		
1.4	QPSK	1	5	22.58	22.67	22.76	24	0
1.4	QPSK	3	0	22.50	22.83	22.76		
1.4	QPSK	3	1	22.54	22.63	22.69		
1.4	QPSK	3	3	22.44	22.68	22.72		
1.4	QPSK	6	0	21.70	21.77	21.77	23	1
1.4	16QAM	1	0	21.70	21.80	21.76		
1.4	16QAM	1	3	21.58	21.74	21.75		
1.4	16QAM	1	5	21.84	21.83	21.73	23	1
1.4	16QAM	3	0	21.86	22.06	21.98		
1.4	16QAM	3	1	21.84	21.96	21.98		
1.4	16QAM	3	3	21.83	21.91	21.92		
1.4	16QAM	6	0	20.69	20.85	20.76	22	2
1.4	64QAM	1	0	20.89	20.77	20.74		
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.76	20.77	20.69	22	2
1.4	64QAM	3	0	20.87	21.00	20.91		
1.4	64QAM	3	1	20.88	20.92	20.84		
1.4	64QAM	3	3	20.79	20.80	20.87		
1.4	64QAM	6	0	19.76	19.78	19.78	21	3
1.4	256QAM	1	0	17.97	17.85	17.96		
1.4	256QAM	1	3	17.74	17.79	17.93		
1.4	256QAM	1	5	17.79	17.88	17.88	19	5
1.4	256QAM	3	0	17.88	17.79	17.80		
1.4	256QAM	3	1	17.81	17.66	17.87		
1.4	256QAM	3	3	17.76	17.61	17.62		
1.4	256QAM	6	0	17.65	17.72	17.70	19	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	22.13	22.15	22.11		
20	QPSK	1	49	22.09	22.05	22.06	23.5	0
20	QPSK	1	99	22.02	22.07	22.06		
20	QPSK	50	0	22.10	22.13	22.07		
20	QPSK	50	24	22.01	22.05	22.05	23.5	0
20	QPSK	50	50	22.01	22.05	22.00		
20	QPSK	100	0	22.08	22.10	22.05		
20	16QAM	1	0	22.04	22.12	22.05		
20	16QAM	1	49	22.01	22.05	22.01	23.5	0
20	16QAM	1	99	22.01	22.12	22.00		
20	16QAM	50	0	21.76	21.74	21.64		
20	16QAM	50	24	21.75	21.70	21.63	23	0.5
20	16QAM	50	50	21.74	21.61	21.65		
20	16QAM	100	0	21.76	21.66	21.63		
20	64QAM	1	0

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	25.13	25.15	25.03	25.7	0
20	QPSK	1	49	25.11	25.03	24.99		
20	QPSK	1	99	24.98	24.97	24.87		
20	QPSK	50	0	24.05	24.08	23.96	24.7	1
20	QPSK	50	24	24.02	23.96	23.92		
20	QPSK	50	50	23.99	23.96	23.89		
20	QPSK	100	0	24.03	24.05	23.93		
20	16QAM	1	0	24.34	24.31	24.28	24.7	1
20	16QAM	1	49	24.28	24.21	24.18		
20	16QAM	1	99	24.19	24.13	24.06		
20	16QAM	50	0	23.03	23.00	22.97	23.7	2
20	16QAM	50	24	23.01	22.97	22.91		
20	16QAM	50	50	22.97	22.95	22.88		
20	16QAM	100	0	23.01	22.95	22.91		
20	64QAM	1	0	23.21	23.21	23.22	23.7	2
20	64QAM	1	49	23.16	23.13	23.11		
20	64QAM	1	99	23.06	23.05	22.99		
20	64QAM	50	0	22.07	22.00	21.97	22.7	3
20	64QAM	50	24	22.03	21.98	21.95		
20	64QAM	50	50	21.97	21.97	21.89		
20	64QAM	100	0	22.02	21.99	21.93		
20	256QAM	1	0	20.11	20.06	19.98	20.7	5
20	256QAM	1	49	20.02	20.00	20.02		
20	256QAM	1	99	20.08	20.03	19.99		
20	256QAM	50	0	19.95	19.89	19.86	20.7	5
20	256QAM	50	24	19.84	19.91	19.93		
20	256QAM	50	50	19.94	19.95	19.93		
20	256QAM	100	0	19.90	19.92	19.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	25.02	25.07	24.98	25.7	0
15	QPSK	1	37	25.01	24.93	24.92		
15	QPSK	1	74	24.95	24.88	24.78		
15	QPSK	36	0	23.98	24.06	23.92	24.7	1
15	QPSK	36	20	24.00	23.89	23.86		
15	QPSK	36	39	23.89	23.88	23.87		
15	QPSK	75	0	23.98	23.95	23.83		
15	16QAM	1	0	24.28	24.23	24.17	24.7	1
15	16QAM	1	37	24.19	24.18	24.11		
15	16QAM	1	74	24.16	24.02	24.00		
15	16QAM	36	0	22.92	22.93	22.92	23.7	2
15	16QAM	36	20	22.95	22.91	22.81		
15	16QAM	36	39	22.94	22.89	22.80		
15	16QAM	75	0	22.93	22.85	22.88		
15	64QAM	1	0	23.11	23.12	23.19	23.7	2
15	64QAM	1	37	23.14	23.08	23.03		
15	64QAM	1	74	22.97	23.01	22.91		
15	64QAM	36	0	22.01	21.93	21.86	22.7	3
15	64QAM	36	20	21.98	21.87	21.91		
15	64QAM	36	39	21.88	21.95	21.79		
15	64QAM	75	0	21.97	21.97	21.87		
15	256QAM	1	0	20.09	19.98	19.90	20.7	5
15	256QAM	1	37	19.95	19.94	20.08		
15	256QAM	1	74	20.02	20.06	19.94		
15	256QAM	36	0	19.92	19.93	19.84	20.7	5
15	256QAM	36	20	19.90	19.96	19.95		
15	256QAM	36	39	19.89	20.02	19.97		
15	256QAM	75	0	19.90	19.85	20.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	25.07	25.12	24.96	25.7	0
10	QPSK	1	25	25.03	24.97	24.93		
10	QPSK	1	49	24.96	24.91	24.78		
10	QPSK	25	0	24.03	24.06	23.89	24.7	1
10	QPSK	25	12	23.93	23.85	23.83		
10	QPSK	25	25	23.90	23.90	23.83		
10	QPSK	50	0	24.01	24.00	23.89		
10	16QAM	1	0	24.32	24.24	24.25	24.7	1
10	16QAM	1	25	24.20	24.18	24.15		
10	16QAM	1	49	24.14	24.08	24.03		
10	16QAM	25	0	22.98	22.89	22.95	23.7	2
10	16QAM	25	12	22.91	22.95	22.88		
10	16QAM	25	25	22.89	22.92	22.83		
10	16QAM	50	0	22.96	22.86	22.80		
10	64QAM	1	0	23.13	23.16	23.17	23.7	2
10	64QAM	1	25	23.06	23.09	23.00		
10	64QAM	1	49	22.95	23.03	22.88		
10	64QAM	25	0	21.97	21.93	21.87	22.7	3
10	64QAM	25	12	21.95	21.96	21.89		
10	64QAM	25	25	21.86	21.95	21.85		
10	64QAM	50	0	21.93	21.95	21.90		
10	256QAM	1	0	20.09	20.08	19.94	20.7	5
10	256QAM	1	25	20.06	20.07	20.04		
10	256QAM	1	49	20.00	19.96	19.98		
10	256QAM	25	0	20.03	19.97	19.89	20.7	5
10	256QAM	25	12	19.79	19.92	19.98		
10	256QAM	25	25	19.95	20.02	19.89		
10	256QAM	50	0	19.87	19.96	20.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	25.03	25.13	24.98	25.7	0
5	QPSK	1	12	25.08	24.98	24.93		
5	QPSK	1	24	24.89	24.87	24.80		
5	QPSK	12	0	23.95	24.06	23.94	24.7	1
5	QPSK	12	7	23.92	23.94	23.88		
5	QPSK	12	13	23.95	23.91	23.78		
5	QPSK	25	0	24.01	24.00	23.90		
5	16QAM	1	0	24.25	24.24	24.17	24.7	1
5	16QAM	1	12	24.25	24.16	24.13		
5	16QAM	1	24	24.14	24.05	24.00		
5	16QAM	12	0	22.97	22.93	22.94	23.7	2
5	16QAM	12	7	22.93	22.89	22.81		
5	16QAM	12	13	22.87	22.88	22.82		
5	16QAM	25	0	22.94	22.92	22.80		
5	64QAM	1	0	23.19	23.17	23.19	23.7	2
5	64QAM	1	12	23.06	23.03	23.03		
5	64QAM	1	24	23.04	23.03	22.92		
5	64QAM	12	0	22.03	21.93	21.89	22.7	3
5	64QAM	12	7	21.94	21.95	21.86		
5	64QAM	12	13	21.91	21.86	21.79		
5	64QAM	25	0	21.91	21.95	21.84		
5	256QAM	1	0	20.04	19.98	19.95	20.7	5
5	256QAM	1	12	19.94	19.94	19.95		
5	256QAM	1	24	20.10	19.99	19.92		
5	256QAM	12	0	19.98	19.87	19.85	20.7	5
5	256QAM	12	7	19.83	19.91	19.90		
5	256QAM	12	13	20.01	19.90	19.99		
5	256QAM	25	0	19.87	19.91	19.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	25.08	25.07	24.98	25.7	0
3	QPSK	1	8	25.00	24.95	24.97		
3	QPSK	1	14	24.87	24.94	24.85		
3	QPSK	8	0	23.94	24.00	23.91	24.7	1
3	QPSK	8	4	23.99	23.91	23.87		
3	QPSK	8	7	23.96	23.86	23.83		
3	QPSK	15	0	23.93	24.02	23.88		
3	16QAM	1	0	24.29	24.20	24.26	24.7	1
3	16QAM	1	8	24.25	24.15	24.09		
3	16QAM	1	14	24.11	24.11	24.02		
3	16QAM	8	0	22.94	22.92	22.93	23.7	2
3	16QAM	8	4	22.98	22.89	22.84		
3	16QAM	8	7	22.94	22.89	22.86		
3	16QAM	15	0	22.97	22.85	22.88		
3	64QAM	1	0	23.18	23.13	23.14	23.7	2
3	64QAM	1	8	23.05	23.06	23.07		
3	64QAM	1	14	23.01	23.03	22.92		
3	64QAM	8	0	22.05	21.89	21.91	22.7	3
3	64QAM	8	4	21.98	21.91	21.84		
3	64QAM	8	7	21.90	21.87	21.81		
3	64QAM	15	0	21.93	21.93	21.90		
3	256QAM	1	0	20.12	20.12	20.00	20.7	5
3	256QAM	1	8	19.99	20.04	20.09		
3	256QAM	1	14	20.00	20.01	19.98		
3	256QAM	8	0	20.01	19.94	19.93	20.7	5
3	256QAM	8	4	19.83	19.89	19.90		
3	256QAM	8	7	19.97	19.96	19.90		
3	256QAM	15	0	19.91	19.91	19.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.87	24.78	24.68	25.7	0
1.4	QPSK	1	3	24.81	24.74	24.68		
1.4	QPSK	1	5	24.86	24.76	24.71		
1.4	QPSK	3	0	24.75	24.66	24.66		
1.4	QPSK	3	1	24.75	24.66	24.63		
1.4	QPSK	3	3	24.81	24.66	24.65		
1.4	QPSK	6	0	23.99	24.06	23.85	24.7	1
1.4	16QAM	1	0	23.98	23.85	23.82	24.7	1
1.4	16QAM	1	3	23.94	23.92	23.79		
1.4	16QAM	1	5	23.92	24.01	23.87		
1.4	16QAM	3	0	24.25	24.27	24.17		
1.4	16QAM	3	1	24.22	24.10	24.16		
1.4	16QAM	3	3	24.12	24.09	24.00		
1.4	16QAM	6	0	22.93	22.91	22.91	23.7	2
1.4	64QAM	1	0	22.92	22.95	22.81	23.7	2
1.4	64QAM	1	3	22.92	22.91	22.80		
1.4	64QAM	1	5	22.96	22.92	22.82		
1.4	64QAM	3	0	23.14	23.11	23.18		
1.4	64QAM	3	1	23.06	23.06	23.08		
1.4	64QAM	3	3	22.96	22.97	22.88		
1.4	64QAM	6	0	21.93	21.96	21.84	22.7	3
1.4	256QAM	1	0	20.18	20.01	19.90	20.7	5
1.4	256QAM	1	3	19.98	20.05	20.10		
1.4	256QAM	1	5	20.06	20.00	19.93		
1.4	256QAM	3	0	19.92	19.86	19.84		
1.4	256QAM	3	1	19.83	19.83	19.99		
1.4	256QAM	3	3	19.94	19.99	20.01		
1.4	256QAM	6	0	19.94	19.85	20.02	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.05	24.08	23.98	25	0
20	QPSK	1	49	23.95	23.95	23.93		
20	QPSK	1	99	23.89	23.89	23.81		
20	QPSK	50	0	22.92	22.95	22.93	24	1
20	QPSK	50	24	22.89	22.89	22.90		
20	QPSK	50	50	22.87	22.90	22.87		
20	QPSK	100	0	22.89	22.91	22.90		
20	16QAM	1	0	23.17	23.17	23.25	24	1
20	16QAM	1	49	23.09	23.13	23.15		
20	16QAM	1	99	23.11	23.09	23.02		
20	16QAM	50	0	21.89	21.94	21.93	23	2
20	16QAM	50	24	21.88	21.89	21.90		
20	16QAM	50	50	21.88	21.88	21.86		
20	16QAM	100	0	21.86	21.89	21.89		
20	64QAM	1	0	22.12	22.06	22.13	23	2
20	64QAM	1	49	22.06	21.96	22.07		
20	64QAM	1	99	22.01	22.05	21.87		
20	64QAM	50	0	20.90	20.94	20.94	22	3
20	64QAM	50	24	20.90	20.91	20.91		
20	64QAM	50	50	20.88	20.88	20.89		
20	64QAM	100	0	20.88	20.91	20.90		
20	256QAM	1	0	19.03	19.02	18.98	20	5
20	256QAM	1	49	18.93	18.98	18.90		
20	256QAM	1	99	19.06	19.06	18.99		
20	256QAM	50	0	18.84	18.90	18.93	20	5
20	256QAM	50	24	18.94	18.91	18.83		
20	256QAM	50	50	18.88	18.93	18.85		
20	256QAM	100	0	18.92	18.91	18.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.01	24.05	23.88	25	0
15	QPSK	1	37	23.85	23.90	23.88		
15	QPSK	1	74	23.83	23.85	23.71		
15	QPSK	36	0	22.90	22.92	22.89	24	1
15	QPSK	36	20	22.81	22.79	22.82		
15	QPSK	36	39	22.80	22.81	22.81		
15	QPSK	75	0	22.87	22.87	22.82		
15	16QAM	1	0	23.09	23.09	23.19	24	1
15	16QAM	1	37	22.99	23.02	23.09		
15	16QAM	1	74	23.08	23.04	22.91		
15	16QAM	36	0	21.83	21.84	21.86	23	2
15	16QAM	36	20	21.84	21.82	21.82		
15	16QAM	36	39	21.77	21.82	21.79		
15	16QAM	75	0	21.84	21.84	21.83		
15	64QAM	1	0	22.02	22.02	22.08	23	2
15	64QAM	1	37	22.03	21.87	21.98		
15	64QAM	1	74	21.98	21.94	21.82		
15	64QAM	36	0	20.82	20.85	20.90	22	3
15	64QAM	36	20	20.85	20.86	20.80		
15	64QAM	36	39	20.86	20.84	20.87		
15	64QAM	75	0	20.82	20.89	20.87		
15	256QAM	1	0	19.09	19.07	18.97	20	5
15	256QAM	1	37	18.86	19.04	18.95		
15	256QAM	1	74	19.00	19.11	18.98		
15	256QAM	36	0	18.80	18.90	18.97	20	5
15	256QAM	36	20	18.92	18.83	18.84		
15	256QAM	36	39	18.96	18.89	18.88		
15	256QAM	75	0	18.92	18.95	18.91		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.02	23.98	23.91	25	0
10	QPSK	1	25	23.92	23.90	23.82		
10	QPSK	1	49	23.87	23.85	23.72		
10	QPSK	25	0	22.84	22.88	22.88	24	1
10	QPSK	25	12	22.82	22.81	22.81		
10	QPSK	25	25	22.79	22.80	22.80		
10	QPSK	50	0	22.83	22.80	22.79		
10	16QAM	1	0	23.08	23.10	23.21	24	1
10	16QAM	1	25	23.06	23.06	23.07		
10	16QAM	1	49	23.08	22.99	22.99		
10	16QAM	25	0	21.79	21.89	21.87	23	2
10	16QAM	25	12	21.85	21.84	21.80		
10	16QAM	25	25	21.77	21.83	21.83		
10	16QAM	50	0	21.77	21.81	21.78		
10	64QAM	1	0	22.04	21.97	22.09	23	2
10	64QAM	1	25	22.02	21.89	22.02		
10	64QAM	1	49	21.94	22.00	21.76		
10	64QAM	25	0	20.80	20.88	20.84	22	3
10	64QAM	25	12	20.87	20.84	20.84		
10	64QAM	25	25	20.80	20.86	20.86		
10	64QAM	50	0	20.82	20.87	20.87		
10	256QAM	1	0	18.98	19.06	18.91	20	5
10	256QAM	1	25	19.01	19.02	18.95		
10	256QAM	1	49	19.12	19.08	19.05		
10	256QAM	25	0	18.86	18.97	18.92	20	5
10	256QAM	25	12	19.02	18.97	18.84		
10	256QAM	25	25	18.82	18.86	18.87		
10	256QAM	50	0	18.99	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.00	23.99	23.92	25	0
5	QPSK	1	12	23.85	23.88	23.83		
5	QPSK	1	24	23.80	23.87	23.71		
5	QPSK	12	0	22.85	22.86	22.82	24	1
5	QPSK	12	7	22.85	22.79	22.80		
5	QPSK	12	13	22.85	22.83	22.85		
5	QPSK	25	0	22.83	22.85	22.88		
5	16QAM	1	0	23.07	23.12	23.14	24	1
5	16QAM	1	12	23.00	23.08	23.08		
5	16QAM	1	24	23.01	23.02	22.93		
5	16QAM	12	0	21.82	21.89	21.84	23	2
5	16QAM	12	7	21.80	21.78	21.86		
5	16QAM	12	13	21.78	21.86	21.79		
5	16QAM	25	0	21.75	21.78	21.81		
5	64QAM	1	0	22.07	21.96	22.11	23	2
5	64QAM	1	12	21.95	21.89	22.02		
5	64QAM	1	24	21.91	22.03	21.84		
5	64QAM	12	0	20.88	20.92	20.90	22	3
5	64QAM	12	7	20.84	20.82	20.88		
5	64QAM	12	13	20.77	20.78	20.86		
5	64QAM	25	0	20.81	20.80	20.82		
5	256QAM	1	0	19.04	19.05	18.98	20	5
5	256QAM	1	12	18.94	19.05	18.95		
5	256QAM	1	24	18.98	18.98	18.95		
5	256QAM	12	0	18.86	18.94	18.99	20	5
5	256QAM	12	7	18.87	18.96	18.90		
5	256QAM	12	13	18.92	18.91	18.87		
5	256QAM	25	0	18.84	18.91	18.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.00	23.98	23.96	25	0
3	QPSK	1	8	23.88	23.86	23.84		
3	QPSK	1	14	23.83	23.85	23.79		
3	QPSK	8	0	22.83	22.90	22.87	24	1
3	QPSK	8	4	22.79	22.80	22.80		
3	QPSK	8	7	22.77	22.79	22.83		
3	QPSK	15	0	22.83	22.89	22.85		
3	16QAM	1	0	23.06	23.10	23.16	24	1
3	16QAM	1	8	23.02	23.03	23.10		
3	16QAM	1	14	23.01	23.02	22.92		
3	16QAM	8	0	21.85	21.87	21.91	23	2
3	16QAM	8	4	21.86	21.80	21.83		
3	16QAM	8	7	21.84	21.82	21.78		
3	16QAM	15	0	21.78	21.81	21.79		
3	64QAM	1	0	22.04	21.98	22.11	23	2
3	64QAM	1	8	22.03	21.92	21.96		
3	64QAM	1	14	21.91	21.94	21.77		
3	64QAM	8	0	20.80	20.90	20.89	22	3
3	64QAM	8	4	20.85	20.80	20.80		
3	64QAM	8	7	20.80	20.79	20.83		
3	64QAM	15	0	20.83	20.83	20.87		
3	256QAM	1	0	19.02	18.95	19.00	20	5
3	256QAM	1	8	18.85	19.05	18.85		
3	256QAM	1	14	18.98	19.03	19.06		
3	256QAM	8	0	18.89	18.90	18.99	20	5
3	256QAM	8	4	18.88	18.86	18.84		
3	256QAM	8	7	18.92	18.98	18.89		
3	256QAM	15	0	18.89	18.96	18.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.00	24.03	23.87	25	0
1.4	QPSK	1	3	23.91	23.86	23.85		
1.4	QPSK	1	5	23.80	23.87	23.76		
1.4	QPSK	3	0	24.03	24.05	23.88		
1.4	QPSK	3	1	23.92	23.87	23.83		
1.4	QPSK	3	3	23.81	23.85	23.73		
1.4	QPSK	6	0	22.82	22.85	22.86	24	1
1.4	16QAM	1	0	22.81	22.80	22.80	24	1
1.4	16QAM	1	3	22.81	22.86	22.78		
1.4	16QAM	1	5	22.81	22.84	22.87		
1.4	16QAM	3	0	23.15	23.13	23.21		
1.4	16QAM	3	1	23.03	23.06	23.10		
1.4	16QAM	3	3	23.07	23.02	22.99		
1.4	16QAM	6	0	21.86	21.85	21.86	23	2
1.4	64QAM	1	0	21.77	21.81	21.82	23	2
1.4	64QAM	1	3	21.81	21.80	21.76		
1.4	64QAM	1	5	21.81	21.86	21.82		
1.4	64QAM	3	0	22.03	21.95	22.06		
1.4	64QAM	3	1	22.01	21.90	22.00		
1.4	64QAM	3	3	21.90	21.97	21.82		
1.4	64QAM	6	0	20.80	20.86	20.86	22	3
1.4	256QAM	1	0	19.02	19.07	18.99	20	5
1.4	256QAM	1	3	18.96	18.90	18.88		
1.4	256QAM	1	5	19.01	19.13	18.98		
1.4	256QAM	3	0	18.78	18.84	18.93		
1.4	256QAM	3	1	18.95	18.93	18.78		
1.4	256QAM	3	3	18.82	18.95	18.82		
1.4	256QAM	6	0	18.95	18.88	18.88	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.00	23.01	22.98	24.2	0
20	QPSK	1	49	22.85	22.94	22.91		
20	QPSK	1	99	22.86	22.95	22.87		
20	QPSK	50	0	22.95	22.98	22.93	24.2	0
20	QPSK	50	24	22.92	22.95	22.86		
20	QPSK	50	50	22.86	22.90	22.89		
20	QPSK	100	0	22.93	22.95	22.91		
20	16QAM	1	0	22.85	22.97	22.89	24.2	0
20	16QAM	1	49	22.86	22.91	22.89		
20	16QAM	1	99	22.92	22.89	22.87		
20	16QAM	50	0	22.58	22.61	22.50	23.7	0.5
20	16QAM	50	24	22.55	22.53	22.48		
20	16QAM	50	50	22.52	22.53	22.45		
20	16QAM	100	0	22.53	22.55	22.47		
20	64QAM	1	0	22.82	22.78	22.73	23.7	0.5
20	64QAM	1	49	22.73	22.70	22.67		
20	64QAM	1	99	22.61	22.61	22.51		
20	64QAM	50	0	21.57	21.61	21.52	22.7	1.5
20	64QAM	50	24	21.58	21.53	21.49		
20	64QAM	50	50	21.52	21.52	21.48		
20	64QAM	100	0	21.54	21.56	21.49		
20	256QAM	1	0	19.62	19.66	19.68	20.7	3.5
20	256QAM	1	49	19.62	19.59	19.66		
20	256QAM	1	99	19.62	19.65	19.57		
20	256QAM	50	0	19.53	19.51	19.50	20.7	3.5
20	256QAM	50	24	19.54	19.50	19.50		
20	256QAM	50	50	19.53	19.55	19.53		
20	256QAM	100	0	19.49	19.56	19.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.89	22.92	24.2	0
15	QPSK	1	37	22.94	22.96	22.86		
15	QPSK	1	74	22.94	22.94	22.87		
15	QPSK	36	0	22.90	22.95	22.91	24.2	0
15	QPSK	36	20	22.92	22.97	22.91		
15	QPSK	36	39	22.89	22.93	22.85		
15	QPSK	75	0	22.93	22.91	22.90		
15	16QAM	1	0	22.93	22.95	22.84	24.2	0
15	16QAM	1	37	22.92	22.89	22.88		
15	16QAM	1	74	22.93	22.94	22.83		
15	16QAM	36	0	22.51	22.51	22.43	23.7	0.5
15	16QAM	36	20	22.44	22.42	22.43		
15	16QAM	36	39	22.46	22.49	22.40		
15	16QAM	75	0	22.48	22.49	22.37		
15	64QAM	1	0	22.75	22.69	22.66	23.7	0.5
15	64QAM	1	37	22.68	22.60	22.61		
15	64QAM	1	74	22.51	22.52	22.49		
15	64QAM	36	0	21.48	21.58	21.45	22.7	1.5
15	64QAM	36	20	21.49	21.51	21.41		
15	64QAM	36	39	21.46	21.45	21.44		
15	64QAM	75	0	21.51	21.52	21.43		
15	256QAM	1	0	19.58	19.65	19.75	20.7	3.5
15	256QAM	1	37	19.65	19.62	19.70		
15	256QAM	1	74	19.66	19.57	19.50		
15	256QAM	36	0	19.61	19.57	19.42	20.7	3.5
15	256QAM	36	20	19.51	19.52	19.51		
15	256QAM	36	39	19.49	19.49	19.56		
15	256QAM	75	0	19.44	19.63	19.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.88	22.95	22.86	24.2	0
10	QPSK	1	25	22.92	22.93	22.90		
10	QPSK	1	49	22.89	22.90	22.85		
10	QPSK	25	0	22.91	22.92	22.83	24.2	0
10	QPSK	25	12	22.91	22.96	22.89		
10	QPSK	25	25	22.92	22.96	22.90		
10	QPSK	50	0	22.87	22.90	22.88		
10	16QAM	1	0	22.86	22.90	22.86	24.2	0
10	16QAM	1	25	22.93	22.94	22.92		
10	16QAM	1	49	22.87	22.92	22.83		
10	16QAM	25	0	22.50	22.52	22.46	23.7	0.5
10	16QAM	25	12	22.46	22.50	22.45		
10	16QAM	25	25	22.49	22.45	22.39		
10	16QAM	50	0	22.47	22.45	22.36		
10	64QAM	1	0	22.73	22.72	22.62	23.7	0.5
10	64QAM	1	25	22.62	22.65	22.60		
10	64QAM	1	49	22.53	22.55	22.43		
10	64QAM	25	0	21.51	21.50	21.41	22.7	1.5
10	64QAM	25	12	21.48	21.50	21.38		
10	64QAM	25	25	21.46	21.48	21.46		
10	64QAM	50	0	21.43	21.52	21.46		
10	256QAM	1	0	19.57	19.64	19.76	20.7	3.5
10	256QAM	1	25	19.60	19.55	19.65		
10	256QAM	1	49	19.70	19.67	19.57		
10	256QAM	25	0	19.61	19.46	19.54	20.7	3.5
10	256QAM	25	12	19.52	19.54	19.58		
10	256QAM	25	25	19.51	19.58	19.45		
10	256QAM	50	0	19.48	19.51	19.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.90	22.95	22.86	24.2	0
5	QPSK	1	12	22.93	22.93	22.89		
5	QPSK	1	24	22.87	22.91	22.92		
5	QPSK	12	0	22.90	22.96	22.83	24.2	0
5	QPSK	12	7	22.88	22.91	22.92		
5	QPSK	12	13	22.86	22.91	22.88		
5	QPSK	25	0	22.88	22.90	22.92		
5	16QAM	1	0	22.86	22.91	22.85	24.2	0
5	16QAM	1	12	22.87	22.94	22.89		
5	16QAM	1	24	22.94	22.93	22.85		
5	16QAM	12	0	22.56	22.56	22.48	23.7	0.5
5	16QAM	12	7	22.49	22.51	22.45		
5	16QAM	12	13	22.47	22.45	22.35		
5	16QAM	25	0	22.47	22.48	22.43		
5	64QAM	1	0	22.80	22.75	22.62	23.7	0.5
5	64QAM	1	12	22.67	22.62	22.59		
5	64QAM	1	24	22.54	22.52	22.42		
5	64QAM	12	0	21.55	21.50	21.46	22.7	1.5
5	64QAM	12	7	21.48	21.43	21.47		
5	64QAM	12	13	21.45	21.50	21.45		
5	64QAM	25	0	21.49	21.54	21.39		
5	256QAM	1	0	19.69	19.73	19.74	20.7	3.5
5	256QAM	1	12	19.67	19.63	19.62		
5	256QAM	1	24	19.65	19.60	19.53		
5	256QAM	12	0	19.50	19.59	19.44	20.7	3.5
5	256QAM	12	7	19.53	19.50	19.50		
5	256QAM	12	13	19.61	19.56	19.61		
5	256QAM	25	0	19.44	19.50	19.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.86	22.94	22.86	24.2	0
3	QPSK	1	8	22.90	22.93	22.88		
3	QPSK	1	14	22.93	22.91	22.90		
3	QPSK	8	0	22.93	22.88	22.83	24.2	0
3	QPSK	8	4	22.91	22.92	22.91		
3	QPSK	8	7	22.93	22.97	22.89		
3	QPSK	15	0	22.91	22.94	22.90		
3	16QAM	1	0	22.86	22.92	22.87	24.2	0
3	16QAM	1	8	22.88	22.95	22.91		
3	16QAM	1	14	22.85	22.90	22.83		
3	16QAM	8	0	22.53	22.56	22.43	23.7	0.5
3	16QAM	8	4	22.47	22.47	22.42		
3	16QAM	8	7	22.44	22.49	22.38		
3	16QAM	15	0	22.45	22.44	22.36		
3	64QAM	1	0	22.77	22.68	22.62	23.7	0.5
3	64QAM	1	8	22.68	22.65	22.56		
3	64QAM	1	14	22.50	22.52	22.45		
3	64QAM	8	0	21.52	21.54	21.46	22.7	1.5
3	64QAM	8	4	21.51	21.48	21.43		
3	64QAM	8	7	21.48	21.49	21.38		
3	64QAM	15	0	21.51	21.45	21.43		
3	256QAM	1	0	19.67	19.65	19.62	20.7	3.5
3	256QAM	1	8	19.67	19.54	19.70		
3	256QAM	1	14	19.64	19.65	19.57		
3	256QAM	8	0	19.59	19.58	19.42	20.7	3.5
3	256QAM	8	4	19.47	19.44	19.43		
3	256QAM	8	7	19.53	19.54	19.59		
3	256QAM	15	0	19.49	19.58	19.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.90	22.91	22.83	24.2	0
1.4	QPSK	1	3	22.91	22.96	22.89		
1.4	QPSK	1	5	22.87	22.96	22.85		
1.4	QPSK	3	0	22.92	22.97	22.84		
1.4	QPSK	3	1	22.85	22.92	22.87		
1.4	QPSK	3	3	22.94	22.95	22.92		
1.4	QPSK	6	0	22.87	22.88	22.85	24.2	0
1.4	16QAM	1	0	22.87	22.90	22.90	24.2	0
1.4	16QAM	1	3	22.87	22.93	22.86		
1.4	16QAM	1	5	22.87	22.94	22.91		
1.4	16QAM	3	0	22.89	22.96	22.92		
1.4	16QAM	3	1	22.90	22.92	22.87		
1.4	16QAM	3	3	22.92	22.94	22.89		
1.4	16QAM	6	0	22.52	22.59	22.47	23.7	0.5
1.4	64QAM	1	0	22.52	22.48	22.42	23.7	0.5
1.4	64QAM	1	3	22.44	22.50	22.39		
1.4	64QAM	1	5	22.47	22.45	22.38		
1.4	64QAM	3	0	22.77	22.72	22.70		
1.4	64QAM	3	1	22.64	22.65	22.61		
1.4	64QAM	3	3	22.53	22.58	22.46		
1.4	64QAM	6	0	21.48	21.52	21.46	22.7	1.5
1.4	256QAM	1	0	19.60	19.59	19.67	20.7	3.5
1.4	256QAM	1	3	19.69	19.56	19.66		
1.4	256QAM	1	5	19.60	19.64	19.51		
1.4	256QAM	3	0	19.47	19.58	19.51		
1.4	256QAM	3	1	19.47	19.47	19.55		
1.4	256QAM	3	3	19.46	19.49	19.58		
1.4	256QAM	6	0	19.55	19.50	19.65	20.7	3.5

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.05	24.09	24.02	25.5	0
20	QPSK	1	49	24.02	23.98	23.90		
20	QPSK	1	99	23.97	23.89	23.82		
20	QPSK	50	0	23.04	23.05	22.93	24.5	1
20	QPSK	50	24	23.02	22.96	22.88		
20	QPSK	50	50	22.97	22.92	22.88		
20	QPSK	100	0	23.01	23.03	22.91		
20	16QAM	1	0	23.40	23.27	23.24	24.5	1
20	16QAM	1	49	23.24	23.16	23.16		
20	16QAM	1	99	23.13	23.14	22.96		
20	16QAM	50	0	22.02	22.05	21.92	23.5	2
20	16QAM	50	24	22.03	21.96	21.88		
20	16QAM	50	50	21.97	21.90	21.87		
20	16QAM	100	0	21.98	21.96	21.89		
20	64QAM	1	0	22.30	22.21	22.16	23.5	2
20	64QAM	1	49	22.15	22.05	22.03		
20	64QAM	1	99	22.09	22.05	21.92		
20	64QAM	50	0	21.05	21.05	20.94	22.5	3
20	64QAM	50	24	21.04	20.96	20.89		
20	64QAM	50	50	20.99	20.92	20.87		
20	64QAM	100	0	21.01	20.96	20.91		
20	256QAM	1	0	19.01	19.04	19.11	20.5	5
20	256QAM	1	49	18.94	19.02	18.99		
20	256QAM	1	99	19.10	19.06	19.01		
20	256QAM	50	0	18.92	18.98	18.90	20.5	5
20	256QAM	50	24	19.02	18.96	19.02		
20	256QAM	50	50	18.99	18.95	18.91		
20	256QAM	100	0	18.95	18.93	18.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.99	24.03	23.98	25.5	0
15	QPSK	1	37	23.94	23.88	23.86		
15	QPSK	1	74	23.86	23.79	23.77		
15	QPSK	36	0	22.93	22.95	22.84	24.5	1
15	QPSK	36	20	22.92	22.91	22.82		
15	QPSK	36	39	22.90	22.90	22.84		
15	QPSK	75	0	22.99	22.95	22.89		
15	16QAM	1	0	23.35	23.22	23.22	24.5	1
15	16QAM	1	37	23.19	23.14	23.10		
15	16QAM	1	74	23.02	23.06	22.92		
15	16QAM	36	0	21.98	21.98	21.86	23.5	2
15	16QAM	36	20	21.92	21.86	21.82		
15	16QAM	36	39	21.93	21.84	21.79		
15	16QAM	75	0	21.94	21.93	21.81		
15	64QAM	1	0	22.25	22.19	22.11	23.5	2
15	64QAM	1	37	22.06	21.97	21.93		
15	64QAM	1	74	22.05	22.02	21.87		
15	64QAM	36	0	20.95	21.02	20.87	22.5	3
15	64QAM	36	20	21.01	20.90	20.79		
15	64QAM	36	39	20.96	20.90	20.83		
15	64QAM	75	0	20.94	20.93	20.87		
15	256QAM	1	0	18.99	19.08	19.19	20.5	5
15	256QAM	1	37	18.95	19.00	18.93		
15	256QAM	1	74	19.07	19.02	19.04		
15	256QAM	36	0	18.85	19.04	18.92	20.5	5
15	256QAM	36	20	18.99	18.95	19.09		
15	256QAM	36	39	19.03	18.92	18.89		
15	256QAM	75	0	18.87	18.89	18.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.94	24.04	23.94	25.5	0
10	QPSK	1	25	23.91	23.95	23.85		
10	QPSK	1	49	23.91	23.81	23.76		
10	QPSK	25	0	22.93	22.98	22.91	24.5	1
10	QPSK	25	12	22.95	22.86	22.79		
10	QPSK	25	25	22.92	22.89	22.79		
10	QPSK	50	0	22.94	22.98	22.86		
10	16QAM	1	0	23.34	23.25	23.14	24.5	1
10	16QAM	1	25	23.22	23.11	23.05		
10	16QAM	1	49	23.03	23.08	22.94		
10	16QAM	25	0	21.95	21.96	21.83	23.5	2
10	16QAM	25	12	21.94	21.85	21.78		
10	16QAM	25	25	21.87	21.88	21.80		
10	16QAM	50	0	21.90	21.89	21.82		
10	64QAM	1	0	22.19	22.14	22.07	23.5	2
10	64QAM	1	25	22.10	21.98	21.99		
10	64QAM	1	49	22.00	22.03	21.88		
10	64QAM	25	0	21.00	21.02	20.88	22.5	3
10	64QAM	25	12	20.97	20.90	20.78		
10	64QAM	25	25	20.88	20.85	20.84		
10	64QAM	50	0	20.95	20.87	20.82		
10	256QAM	1	0	19.00	18.99	19.11	20.5	5
10	256QAM	1	25	19.02	19.08	19.06		
10	256QAM	1	49	19.05	19.13	19.02		
10	256QAM	25	0	18.92	19.01	18.84	20.5	5
10	256QAM	25	12	19.10	18.99	19.10		
10	256QAM	25	25	18.96	18.88	18.84		
10	256QAM	50	0	18.95	18.93	18.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.96	24.01	23.95	25.5	0
5	QPSK	1	12	23.98	23.95	23.83		
5	QPSK	1	24	23.94	23.83	23.76		
5	QPSK	12	0	22.96	22.98	22.89	24.5	1
5	QPSK	12	7	22.98	22.93	22.81		
5	QPSK	12	13	22.88	22.89	22.82		
5	QPSK	25	0	22.92	22.94	22.83		
5	16QAM	1	0	23.31	23.19	23.16	24.5	1
5	16QAM	1	12	23.22	23.09	23.11		
5	16QAM	1	24	23.07	23.07	22.89		
5	16QAM	12	0	21.95	22.03	21.81	23.5	2
5	16QAM	12	7	21.97	21.94	21.85		
5	16QAM	12	13	21.90	21.87	21.79		
5	16QAM	25	0	21.90	21.93	21.81		
5	64QAM	1	0	22.23	22.16	22.06	23.5	2
5	64QAM	1	12	22.05	22.00	21.95		
5	64QAM	1	24	21.99	21.94	21.86		
5	64QAM	12	0	21.00	20.94	20.90	22.5	3
5	64QAM	12	7	20.99	20.93	20.79		
5	64QAM	12	13	20.96	20.84	20.82		
5	64QAM	25	0	20.91	20.90	20.88		
5	256QAM	1	0	18.99	19.08	19.11	20.5	5
5	256QAM	1	12	18.91	19.06	19.00		
5	256QAM	1	24	19.05	19.10	19.05		
5	256QAM	12	0	18.84	19.01	18.98	20.5	5
5	256QAM	12	7	18.98	19.00	18.96		
5	256QAM	12	13	18.95	18.88	18.86		
5	256QAM	25	0	18.88	18.90	18.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.03	24.00	24.00	25.5	0
3	QPSK	1	8	23.91	23.91	23.81		
3	QPSK	1	14	23.90	23.87	23.78		
3	QPSK	8	0	22.95	22.96	22.87	24.5	1
3	QPSK	8	4	22.91	22.91	22.77		
3	QPSK	8	7	22.92	22.82	22.82		
3	QPSK	15	0	22.93	22.93	22.81		
3	16QAM	1	0	23.30	23.19	23.18	24.5	1
3	16QAM	1	8	23.15	23.05	23.06		
3	16QAM	1	14	23.05	23.05	22.85		
3	16QAM	8	0	22.00	21.99	21.81	23.5	2
3	16QAM	8	4	21.95	21.92	21.77		
3	16QAM	8	7	21.88	21.86	21.78		
3	16QAM	15	0	21.92	21.86	21.80		
3	64QAM	1	0	22.22	22.14	22.06	23.5	2
3	64QAM	1	8	22.09	21.95	21.93		
3	64QAM	1	14	22.04	21.98	21.87		
3	64QAM	8	0	20.96	21.02	20.87	22.5	3
3	64QAM	8	4	20.97	20.91	20.80		
3	64QAM	8	7	20.94	20.85	20.85		
3	64QAM	15	0	20.97	20.90	20.87		
3	256QAM	1	0	18.97	19.00	19.09	20.5	5
3	256QAM	1	8	19.00	19.10	18.94		
3	256QAM	1	14	19.18	19.11	19.00		
3	256QAM	8	0	19.00	18.94	18.82	20.5	5
3	256QAM	8	4	19.08	18.88	19.00		
3	256QAM	8	7	19.03	18.89	18.85		
3	256QAM	15	0	18.93	18.90	18.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.95	24.04	23.92	25.5	0
1.4	QPSK	1	3	23.95	23.94	23.88		
1.4	QPSK	1	5	23.92	23.86	23.73		
1.4	QPSK	3	0	23.99	24.01	23.91		
1.4	QPSK	3	1	23.99	23.93	23.79		
1.4	QPSK	3	3	23.95	23.79	23.74		
1.4	QPSK	6	0	22.97	22.95	22.89	24.5	1
1.4	16QAM	1	0	22.91	22.93	22.87	24.5	1
1.4	16QAM	1	3	22.88	22.89	22.87		
1.4	16QAM	1	5	22.94	22.98	22.88		
1.4	16QAM	3	0	23.36	23.17	23.18		
1.4	16QAM	3	1	23.22	23.06	23.06		
1.4	16QAM	3	3	23.03	23.10	22.92		
1.4	16QAM	6	0	21.92	21.98	21.88	23.5	2
1.4	64QAM	1	0	21.93	21.87	21.83	23.5	2
1.4	64QAM	1	3	21.86	21.80	21.81		
1.4	64QAM	1	5	21.91	21.89	21.87		
1.4	64QAM	3	0	22.21	22.14	22.14		
1.4	64QAM	3	1	22.07	22.02	21.97		
1.4	64QAM	3	3	21.98	22.01	21.88		
1.4	64QAM	6	0	20.99	20.97	20.90	22.5	3
1.4	256QAM	1	0	19.09	19.12	19.08	20.5	5
1.4	256QAM	1	3	18.87	18.95	18.97		
1.4	256QAM	1	5	19.10	18.99	19.03		
1.4	256QAM	3	0	18.85	18.95	18.93		
1.4	256QAM	3	1	18.98	18.96	19.03		
1.4	256QAM	3	3	18.95	18.96	18.91		
1.4	256QAM	6	0	19.01	18.91	18.95	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.82	24.86	24.83		
10	QPSK	1	25	24.72	24.84	24.74	25.7	0
10	QPSK	1	49	24.80	24.85	24.73		
10	QPSK	25	0	23.82	23.85	23.76		
10	QPSK	25	12	23.74	23.77	23.71	24.7	1
10	QPSK	25	25	23.78	23.76	23.70		
10	QPSK	50	0	23.82	23.83	23.73		
10	16QAM	1	0	23.91	23.96	23.95		
10	16QAM	1	25	23.88	23.92	23.88	24.7	1
10	16QAM	1	49	23.95	23.93	23.86		
10	16QAM	25	0	22.81	22.77	22.75		
10	16QAM	25	12	22.74	22.74	22.68	23.7	2
10	16QAM	25	25	22.76	22.76	22.69		
10	16QAM	50	0	22.80	22.78	22.72		
10	64QAM	1	0	22.86	22.92	22.92		
10	64QAM	1	25	22.83	22.87	22.86	23.7	2
10	64QAM	1	49	22.89	22.90	22.86		
10	64QAM	25	0	21.80	21.77	21.76		
10	64QAM	25	12	21.73	21.75	21.69	22.7	3
10	64QAM	25	25	21.76	21.74	21.69		
10	64QAM	50	0	21.82	21.77	21.72		
10	256QAM	1	0	20.09	20.13	20.09		
10	256QAM	1	25	20.14	20.11	20.11	20.7	5
10	256QAM	1	49	19.99	20.06	20.07		
10	256QAM	25	0	19.99	19.96	19.90		
10	256QAM	25	12	20.00	19.93	19.94	20.7	5
10	256QAM	25	25	19.96	19.95	19.91		
10	256QAM	50	0	19.91	19.98	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.72	24.77	24.73		
5	QPSK	1	12	24.64	24.81	24.69	25.7	0
5	QPSK	1	24	24.74	24.79	24.66		
5	QPSK	12	0	23.71	23.76	23.74		
5	QPSK	12	7	23.66	23.66	23.61	24.7	1
5	QPSK	12	13	23.75	23.70	23.61		
5	QPSK	25	0	23.78	23.76	23.65		
5	16QAM	1	0	23.82	23.87	23.88		
5	16QAM	1	12	23.78	23.86	23.81	24.7	1
5	16QAM	1	24	23.88	23.89	23.82		
5	16QAM	12	0	22.76	22.87	22.72		
5	16QAM	12	7	22.63	22.68	22.61	23.7	2
5	16QAM	12	13	22.68	22.69	22.60		
5	16QAM	25	0	22.70	22.71	22.66		
5	64QAM	1	0	22.82	22.82	22.84		
5	64QAM	1	12	22.81	22.78	22.75	23.7	2
5	64QAM	1	24	22.78	22.79	22.81		
5	64QAM	12	0	21.70	21.69	21.66		
5	64QAM	12	7	21.63	21.72	21.58	22.7	3
5	64QAM	12	13	21.66	21.65	21.59		
5	64QAM	25	0	21.71	21.66	21.67		
5	256QAM	1	0	20.13	20.13	20.16		
5	256QAM	1	12	20.07	20.05	20.03	20.7	5
5	256QAM	1	24	19.97	20.08	20.11		
5	256QAM	12	0	20.01	19.90	19.87		
5	256QAM	12	7	20.06	19.94	19.87	20.7	5
5	256QAM	12	13	19.96	20.02	19.95		
5	256QAM	25	0	19.96	19.96	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.72	24.80	24.77		
3	QPSK	1	8	24.62	24.73	24.68	25.7	0
3	QPSK	1	14	24.77	24.76	24.64		
3	QPSK	8	0	23.75	23.78	23.67		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.73	23.68	23.62		
3	QPSK	15	0	23.80	23.74	23.64		
3	16QAM	1	0	23.83	23.91	23.84		
3	16QAM	1	8	23.86	23.88	23.78	24.7	1
3	16QAM	1	14	23.89	23.87	23.75		
3	16QAM	8	0	22.74	22.72	22.64		
3	16QAM	8	4	22.69	22.63	22.65	23.7	2
3	16QAM	8	7	22.71	22.72	22.65		
3	16QAM	15	0	22.71	22.76	22.64		
3	64QAM	1	0	22.83	22.83	22.87		
3	64QAM	1	8	22.74	22.77	22.83	23.7	2
3	64QAM	1	14	22.78	22.79	22.82		
3	64QAM	8	0	21.70	21.75	21.72		
3	64QAM	8	4	21.69	21.68	21.58	22.7	3
3	64QAM	8	7	21.71	21.68	21.65		
3	64QAM	15	0	21.79	21.68	21.65		
3	256QAM	1	0	20.06	20.08	20.14		
3	256QAM	1	8	20.06	20.18	20.13	20.7	5
3	256QAM	1	14	19.91	19.98	20.07		
3	256QAM	8	0	20.00	20.04	19.94		
3	256QAM	8	4	19.99	19.86	19.93	20.7	5
3	256QAM	8	7	20.01	19.96	19.97		
3	256QAM	15	0	19.91	19.92	19.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.71	24.83	24.80		
1.4	QPSK	1	3	24.61	24.82	24.68		
1.4	QPSK	1	5	24.76	24.80	24.63	25.7	0
1.4	QPSK	3	0	24.75	24.82	24.74		
1.4	QPSK	3	1	24.65	24.74	24.66		
1.4	QPSK	3	3	24.76	24.77	24.66		
1.4	QPSK	6	0	23.76	23.81	23.73	24.7	1
1.4	16QAM	1	0	23.64	23.75	23.69		
1.4	16QAM	1	3	23.71	23.73	23.66		
1.4	16QAM	1	5	23.75	23.74	23.69	24.7	1
1.4	16QAM	3	0	23.83	23.91	23.86		
1.4	16QAM	3	1	23.78	23.87	23.85		
1.4	16QAM	3	3	23.86	23.87	23.75		
1.4	16QAM	6	0	22.78	22.68	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.69	22.60		
1.4	64QAM	1	3	22.70	22.71	22.60		
1.4	64QAM	1	5	22.71	22.71	22.69	23.7	2
1.4	64QAM	3	0	22.80	22.87	22.81		
1.4	64QAM	3	1	22.73	22.85	22.83		
1.4	64QAM	3	3	22.82	22.82	22.76		
1.4	64QAM	6	0	21.75	21.70	21.67	22.7	3
1.4	256QAM	1	0	20.16	20.14	20.16		
1.4	256QAM	1	3	20.11	20.16	20.10		
1.4	256QAM	1	5	19.98	20.03	20.04	20.7	5
1.4	256QAM	3	0	19.96	20.01	19.91		
1.4	256QAM	3	1	20.07	19.88	19.89		
1.4	256QAM	3	3	20.00	19.90	19.93		
1.4	256QAM	6	0	19.86	19.91	19.96	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.08	24.11	24.07		
10	QPSK	1	25	24.02	24.06	23.99	25.5	0
10	QPSK	1	49	24.06	24.09	23.94		
10	QPSK	25	0	23.05	23.08	23.02		
10	QPSK	25	12	23.01	23.02	22.94	24.5	1
10	QPSK	25	25	23.03	23.00	22.95		
10	QPSK	50	0	23.00	23.02	22.98		
10	16QAM	1	0	23.15	23.22	23.22		
10	16QAM	1	25	23.13	23.20	23.12	24.5	1
10	16QAM	1	49	23.18	23.18	23.11		
10	16QAM	25	0	22.03	22.02	22.00		
10	16QAM	25	12	21.98	21.99	21.93	23.5	2
10	16QAM	25	25	22.01	21.97	21.94		
10	16QAM	50	0	22.05	22.00	21.97		
10	64QAM	1	0	22.14	22.19	22.22		
10	64QAM	1	25	22.09	22.17	22.13	23.5	2
10	64QAM	1	49	22.14	22.19	22.05		
10	64QAM	25	0	21.06	21.02	20.98		
10	64QAM	25	12	20.98	21.00	20.92	22.5	3
10	64QAM	25	25	21.02	20.99	20.92		
10	64QAM	50	0	21.07	21.01	20.94		
10	256QAM	1	0	19.29	19.26	19.18		
10	256QAM	1	25	19.16	19.23	19.25	20.5	5
10	256QAM	1	49	19.27	19.21	19.21		
10	256QAM	25	0	19.10	19.11	19.12		
10	256QAM	25	12	18.99	19.06	19.03	20.5	5
10	256QAM	25	25	19.07	19.06	19.05		
10	256QAM	50	0	19.02	19.10	19.08		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.07	24.04		
5	QPSK	1	12	23.91	24.01	23.94	25.5	0
5	QPSK	1	24	24.01	24.00	23.92		
5	QPSK	12	0	22.98	23.03	22.99		
5	QPSK	12	7	22.92	22.93	22.85	24.5	1
5	QPSK	12	13	22.95	22.92	22.86		
5	QPSK	25	0	22.98	22.98	22.92		
5	16QAM	1	0	23.11	23.16	23.12		
5	16QAM	1	12	23.05	23.16	23.02	24.5	1
5	16QAM	1	24	23.08	23.15	23.01		
5	16QAM	12	0	21.98	21.91	21.93		
5	16QAM	12	7	21.92	21.92	21.85	23.5	2
5	16QAM	12	13	21.92	21.89	21.88		
5	16QAM	25	0	21.95	21.94	21.89		
5	64QAM	1	0	22.05	22.17	22.13		
5	64QAM	1	12	22.07	22.11	22.08	23.5	2
5	64QAM	1	24	22.08	22.11	22.01		
5	64QAM	12	0	21.01	20.95	20.89		
5	64QAM	12	7	20.90	20.93	20.85	22.5	3
5	64QAM	12	13	20.92	20.95	20.86		
5	64QAM	25	0	20.96	20.99	20.86		
5	256QAM	1	0	19.29	19.20	19.11		
5	256QAM	1	12	19.14	19.19	19.28	20.5	5
5	256QAM	1	24	19.30	19.27	19.19		
5	256QAM	12	0	19.08	19.05	19.10		
5	256QAM	12	7	18.97	19.12	19.02	20.5	5
5	256QAM	12	13	19.13	19.07	18.97		
5	256QAM	25	0	19.01	19.05	19.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.00	24.02	24.03		
3	QPSK	1	8	23.94	23.97	23.93	25.5	0
3	QPSK	1	14	23.98	24.07	23.92		
3	QPSK	8	0	23.02	23.05	22.97		
3	QPSK	8	4	22.95	22.95	22.88	24.5	1
3	QPSK	8	7	22.95	22.89	22.85		
3	QPSK	15	0	22.89	22.94	22.91		
3	16QAM	1	0	23.13	23.17	23.18		
3	16QAM	1	8	23.03	23.16	23.01	24.5	1
3	16QAM	1	14	23.14	23.12	23.09		
3	16QAM	8	0	21.93	21.98	21.90		
3	16QAM	8	4	21.92	21.90	21.88	23.5	2
3	16QAM	8	7	21.93	21.93	21.87		
3	16QAM	15	0	22.01	21.93	21.95		
3	64QAM	1	0	22.04	22.11	22.16		
3	64QAM	1	8	22.04	22.13	22.06	23.5	2
3	64QAM	1	14	22.11	22.12	21.98		
3	64QAM	8	0	21.03	20.96	20.96		
3	64QAM	8	4	20.87	20.95	20.84	22.5	3
3	64QAM	8	7	20.95	20.94	20.85		
3	64QAM	15	0	21.01	20.93	20.83		
3	256QAM	1	0	19.27	19.31	19.22		
3	256QAM	1	8	19.22	19.30	19.25	20.5	5
3	256QAM	1	14	19.33	19.22	19.22		
3	256QAM	8	0	19.08	19.17	19.08		
3	256QAM	8	4	18.99	19.12	19.06	20.5	5
3	256QAM	8	7	19.08	19.11	19.01		
3	256QAM	15	0	19.05	19.09	19.06		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.00	24.04	24.04		
1.4	QPSK	1	3	23.93	23.97	23.90		
1.4	QPSK	1	5	23.99	24.02	23.84	25.5	0
1.4	QPSK	3	0	24.02	24.03	23.96		
1.4	QPSK	3	1	23.94	23.95	23.96		
1.4	QPSK	3	3	23.99	24.00	23.83		
1.4	QPSK	6	0	23.02	23.06	22.92	24.5	1
1.4	16QAM	1	0	22.92	22.93	22.91		
1.4	16QAM	1	3	22.96	22.89	22.91		
1.4	16QAM	1	5	22.98	22.96	22.92	24.5	1
1.4	16QAM	3	0	23.04	23.16	23.17		
1.4	16QAM	3	1	23.02	23.14	23.01		
1.4	16QAM	3	3	23.09	23.11	23.02		
1.4	16QAM	6	0	21.97	21.94	21.95	23.5	2
1.4	64QAM	1	0	21.88	21.89	21.84		
1.4	64QAM	1	3	21.94	21.87	21.92	23.5	2
1.4	64QAM	1	5	22.01	21.89	21.88		
1.4	64QAM	3	0	22.04	22.17	22.11		
1.4	64QAM	3	1	21.99	22.12	22.02		
1.4	64QAM	3	3	22.04	22.11	21.99		
1.4	64QAM	6	0	20.97	20.95	20.88	22.5	3
1.4	256QAM	1	0	19.34	19.21	19.12		
1.4	256QAM	1	3	19.17	19.20	19.17		
1.4	256QAM	1	5	19.25	19.20	19.26	20.5	5
1.4	256QAM	3	0	19.04	19.08	19.14		
1.4	256QAM	3	1	18.98	19.05	18.95		
1.4	256QAM	3	3	19.11	18.98	19.07		
1.4	256QAM	6	0	19.06	19.04	19.11	20.5	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	25.22	25.26	25.16		
20	QPSK	1	49	25.12	25.21	25.09	25.7	0
20	QPSK	1	99	25.20	25.22	25.11		
20	QPSK	50	0	24.18	24.21	24.15		
20	QPSK	50	24	24.17	24.18	24.05	24.7	1
20	QPSK	50	50	24.14	24.20	24.09		
20	QPSK	100	0	24.20	24.21	24.06		
20	16QAM	1	0	24.35	24.30	24.18		
20	16QAM	1	49	24.32	24.37	24.24	24.7	1
20	16QAM	1	99	24.40	24.37	24.21		
20	16QAM	50	0	23.15	23.21	23.09		
20	16QAM	50	24	23.16	23.17	23.04	23.7	2
20	16QAM	50	50	23.22	23.19	23.07		
20	16QAM	100	0	23.18	23.18	23.04		
20	64QAM	1	0	23.31	23.29	23.14		
20	64QAM	1	49	23.28	23.27	23.20	23.7	2
20	64QAM	1	99	23.36	23.33	23.16		
20	64QAM	50	0	22.16	22.20	22.08		
20	64QAM	50	24	22.18	22.15	22.04	22.7	3
20	64QAM	50	50	22.23	22.21	22.08		
20	64QAM	100	0	22.20	22.20	22.06		
20	256QAM	1	0	20.05	20.04	20.02		
20	256QAM	1	49	20.03	20.01	19.97	20.7	5
20	256QAM	1	99	19.97	19.98	19.97		
20	256QAM	50	0	19.95	19.96	20.04		
20	256QAM	50	24	19.93	19.93	19.94	20.7	5
20	256QAM	50	50	19.94	19.92	19.91		
20	256QAM	100	0	19.98	19.90	19.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	25.17	25.15	25.08		
15	QPSK	1	37	25.02	25.12	25.00	25.7	0
15	QPSK	1	74	25.09	25.11	25.05		
15	QPSK	36	0	24.11	24.17	24.13		
15	QPSK	36	20	24.09	24.09	24.03	24.7	1
15	QPSK	36	39	24.05	24.09	24.04		
15	QPSK	75	0	24.14	24.16	24.03		
15	16QAM	1	0	24.27	24.22	24.11		
15	16QAM	1	37	24.27	24.30	24.20	24.7	1
15	16QAM	1	74	24.31	24.29	24.16		
15	16QAM	36	0	23.05	23.11	23.04		
15	16QAM	36	20	23.13	23.11	22.97	23.7	2
15	16QAM	36	39	23.15	23.11	22.98		
15	16QAM	75	0	23.08	23.13	22.93		
15	64QAM	1	0	23.25	23.20	23.07		
15	64QAM	1	37	23.24	23.16	23.11	23.7	2
15	64QAM	1	74	23.28	23.31	23.14		
15	64QAM	36	0	22.12	22.18	22.05		
15	64QAM	36	20	22.16	22.12	21.98	22.7	3
15	64QAM	36	39	22.16	22.12	21.97		
15	64QAM	75	0	22.17	22.18	22.04		
15	256QAM	1	0	20.08	20.08	20.06		
15	256QAM	1	37	20.04	20.09	19.93	20.7	5
15	256QAM	1	74	19.96	20.03	19.89		
15	256QAM	36	0	19.95	19.90	19.96		
15	256QAM	36	20	19.88	19.94	20.00	20.7	5
15	256QAM	36	39	19.91	19.94	19.90		
15	256QAM	75	0	20.04	19.93	19.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	25.18	25.19	25.12		
10	QPSK	1	25	25.01	25.13	25.05	25.7	0
10	QPSK	1	49	25.12	25.11	25.05		
10	QPSK	25	0	24.16	24.11	24.10		
10	QPSK	25	12	24.08	24.10	24.02	24.7	1
10	QPSK	25	25	24.11	24.12	24.04		
10	QPSK	50	0	24.17	24.14	23.97		
10	16QAM	1	0	24.25	24.28	24.11		
10	16QAM	1	25	24.24	24.32	24.15	24.7	1
10	16QAM	1	49	24.33	24.32	24.18		
10	16QAM	25	0	23.10	23.13	23.03		
10	16QAM	25	12	23.07	23.14	22.93	23.7	2
10	16QAM	25	25	23.20	23.16	22.99		
10	16QAM	50	0	23.16	23.14	23.02		
10	64QAM	1	0	23.23	23.19	23.08		
10	64QAM	1	25	23.22	23.21	23.17	23.7	2
10	64QAM	1	49	23.26	23.27	23.11		
10	64QAM	25	0	22.06	22.15	22.05		
10	64QAM	25	12	22.07	22.10	21.94	22.7	3
10	64QAM	25	25	22.20	22.15	22.01		
10	64QAM	50	0	22.15	22.12	22.02		
10	256QAM	1	0	20.01	20.02	20.05		
10	256QAM	1	25	19.96	19.96	19.89	20.7	5
10	256QAM	1	49	19.92	20.03	19.99		
10	256QAM	25	0	20.03	20.03	20.10		
10	256QAM	25	12	19.89	19.97	19.99	20.7	5
10	256QAM	25	25	19.86	19.96	19.89		
10	256QAM	50	0	19.93	19.95	19.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	25.17	25.20	25.11		
5	QPSK	1	12	25.09	25.10	25.00	25.7	0
5	QPSK	1	24	25.12	25.16	25.02		
5	QPSK	12	0	24.08	24.05	24.06		
5	QPSK	12	7	24.06	24.07	23.98	24.7	1
5	QPSK	12	13	24.11	24.15	24.06		
5	QPSK	25	0	24.09	24.19	23.97		
5	16QAM	1	0	24.29	24.26	24.07		
5	16QAM	1	12	24.30	24.31	24.13	24.7	1
5	16QAM	1	24	24.37	24.28	24.17		
5	16QAM	12	0	23.13	23.10	22.98		
5	16QAM	12	7	23.08	23.15	23.02	23.7	2
5	16QAM	12	13	23.11	23.13	23.02		
5	16QAM	25	0	23.16	23.11	22.94		
5	64QAM	1	0	23.23	23.26	23.04		
5	64QAM	1	12	23.23	23.20	23.18	23.7	2
5	64QAM	1	24	23.31	23.28	23.06		
5	64QAM	12	0	22.11	22.14	22.00		
5	64QAM	12	7	22.07	22.07	22.00	22.7	3
5	64QAM	12	13	22.17	22.16	21.98		
5	64QAM	25	0	22.12	22.18	21.95		
5	256QAM	1	0	19.99	20.05	19.97		
5	256QAM	1	12	20.01	19.93	19.96	20.7	5
5	256QAM	1	24	19.90	20.04	20.02		
5	256QAM	12	0	19.96	19.91	20.08		
5	256QAM	12	7	19.85	19.97	20.01	20.7	5
5	256QAM	12	13	19.98	19.89	19.84		
5	256QAM	25	0	20.04	19.88	19.94		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.93	23.95	23.75		
20	QPSK	1	49	23.85	23.84	23.67	25	0
20	QPSK	1	99	23.91	23.88	23.66		
20	QPSK	50	0	22.93	22.95	22.69		
20	QPSK	50	24	22.90	22.83	22.63	24	1
20	QPSK	50	50	22.91	22.87	22.67		
20	QPSK	100	0	22.91	22.92	22.67		
20	16QAM	1	0	23.08	23.03	22.

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	21.65	21.67	21.63		
20	QPSK	1	49	21.59	21.59	21.59	22.7	0
20	QPSK	1	99	21.59	21.58	21.56		
20	QPSK	50	0	21.62	21.65	21.60		
20	QPSK	50	24	21.60	21.63	21.59	22.7	0
20	QPSK	50	50	21.59	21.63	21.54		
20	QPSK	100	0	21.60	21.63	21.58		
20	16QAM	1	0	21.58	21.58	21.51		
20	16QAM	1	49	21.61	21.62	21.50	22.7	0
20	16QAM	1	99	21.61	21.63	21.53		
20	16QAM	50	0	21.54	21.56	21.51		
20	16QAM	50	24	21.60	21.58	21.58	22.7	0
20	16QAM	50	50	21.60	21.59	21.53		
20	16QAM	100	0	21.61	21.57	21.54		
20	64QAM	1	0	21.60	21.57	21.51		
20	64QAM	1	49	21.52	21.58	21.57	22.7	0
20	64QAM	1	99	21.57	21.64	21.51		
20	64QAM	50	0	21.52	21.57	21.57		
20	64QAM	50	24	21.60	21.55	21.51	22.7	0
20	64QAM	50	50	21.53	21.64	21.57		
20	64QAM	100	0	21.55	21.64	21.54		
20	256QAM	1	0	19.72	19.74	19.73		
20	256QAM	1	49	19.60	19.57	19.58	20.7	2
20	256QAM	1	99	19.54	19.52	19.48		
20	256QAM	50	0	19.49	19.53	19.47		
20	256QAM	50	24	19.38	19.46	19.54	20.7	2
20	256QAM	50	50	19.43	19.43	19.44		
20	256QAM	100	0	19.41	19.48	19.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.53	21.61	21.55		
15	QPSK	1	37	21.53	21.56	21.56	22.7	0
15	QPSK	1	74	21.60	21.61	21.53		
15	QPSK	36	0	21.58	21.61	21.53		
15	QPSK	36	20	21.60	21.57	21.50	22.7	0
15	QPSK	36	39	21.55	21.64	21.55		
15	QPSK	75	0	21.54	21.58	21.50		
15	16QAM	1	0	21.56	21.58	21.52		
15	16QAM	1	37	21.59	21.63	21.54	22.7	0
15	16QAM	1	74	21.58	21.61	21.53		
15	16QAM	36	0	21.59	21.63	21.52		
15	16QAM	36	20	21.58	21.58	21.50	22.7	0
15	16QAM	36	39	21.59	21.58	21.59		
15	16QAM	75	0	21.55	21.58	21.53		
15	64QAM	1	0	21.55	21.58	21.59		
15	64QAM	1	37	21.56	21.55	21.50	22.7	0
15	64QAM	1	74	21.61	21.59	21.58		
15	64QAM	36	0	21.55	21.59	21.58		
15	64QAM	36	20	21.58	21.61	21.54	22.7	0
15	64QAM	36	39	21.60	21.58	21.58		
15	64QAM	75	0	21.59	21.55	21.50		
15	256QAM	1	0	19.77	19.69	19.74		
15	256QAM	1	37	19.57	19.57	19.60	20.7	2
15	256QAM	1	74	19.60	19.59	19.51		
15	256QAM	36	0	19.46	19.61	19.44		
15	256QAM	36	20	19.41	19.45	19.59	20.7	2
15	256QAM	36	39	19.48	19.47	19.37		
15	256QAM	75	0	19.34	19.42	19.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.55	21.59	21.58		
10	QPSK	1	25	21.53	21.63	21.57	22.7	0
10	QPSK	1	49	21.57	21.62	21.52		
10	QPSK	25	0	21.54	21.57	21.59		
10	QPSK	25	12	21.53	21.57	21.53	22.7	0
10	QPSK	25	25	21.61	21.61	21.50		
10	QPSK	50	0	21.60	21.60	21.59		
10	16QAM	1	0	21.53	21.62	21.52		
10	16QAM	1	25	21.60	21.61	21.50	22.7	0
10	16QAM	1	49	21.52	21.56	21.51		
10	16QAM	25	0	21.56	21.57	21.56		
10	16QAM	25	12	21.57	21.60	21.57	22.7	0
10	16QAM	25	25	21.61	21.62	21.55		
10	16QAM	50	0	21.58	21.61	21.59		
10	64QAM	1	0	21.52	21.59	21.51		
10	64QAM	1	25	21.57	21.59	21.55	22.7	0
10	64QAM	1	49	21.59	21.60	21.55		
10	64QAM	25	0	21.56	21.55	21.53		
10	64QAM	25	12	21.59	21.58	21.50	22.7	0
10	64QAM	25	25	21.52	21.59	21.52		
10	64QAM	50	0	21.53	21.63	21.54		
10	256QAM	1	0	19.79	19.79	19.77		
10	256QAM	1	25	19.54	19.62	19.50	20.7	2
10	256QAM	1	49	19.46	19.48	19.42		
10	256QAM	25	0	19.53	19.48	19.42		
10	256QAM	25	12	19.35	19.47	19.51	20.7	2
10	256QAM	25	25	19.38	19.35	19.51		
10	256QAM	50	0	19.37	19.55	19.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.53	21.62	21.55		
5	QPSK	1	12	21.56	21.57	21.56	22.7	0
5	QPSK	1	24	21.54	21.61	21.56		
5	QPSK	12	0	21.59	21.57	21.51		
5	QPSK	12	7	21.59	21.64	21.50	22.7	0
5	QPSK	12	13	21.61	21.62	21.59		
5	QPSK	25	0	21.55	21.64	21.55		
5	16QAM	1	0	21.52	21.59	21.53		
5	16QAM	1	12	21.61	21.57	21.54	22.7	0
5	16QAM	1	24	21.59	21.59	21.54		
5	16QAM	12	0	21.53	21.56	21.53		
5	16QAM	12	7	21.55	21.63	21.50	22.7	0
5	16QAM	12	13	21.61	21.57	21.52		
5	16QAM	25	0	21.60	21.59	21.54		
5	64QAM	1	0	21.53	21.58	21.50		
5	64QAM	1	12	21.55	21.57	21.57	22.7	0
5	64QAM	1	24	21.60	21.61	21.54		
5	64QAM	12	0	21.58	21.63	21.50		
5	64QAM	12	7	21.57	21.58	21.56	22.7	0
5	64QAM	12	13	21.55	21.58	21.58		
5	64QAM	25	0	21.60	21.60	21.51		
5	256QAM	1	0	19.67	19.82	19.67		
5	256QAM	1	12	19.59	19.53	19.64	20.7	2
5	256QAM	1	24	19.46	19.52	19.50		
5	256QAM	12	0	19.57	19.49	19.48		
5	256QAM	12	7	19.34	19.39	19.56	20.7	2
5	256QAM	12	13	19.40	19.47	19.50		
5	256QAM	25	0	19.39	19.50	19.52		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.36	24.38	24.18		
20	QPSK	1	49	24.29	24.27	24.09	25.5	0
20	QPSK	1	99	24.33	24.27	24.13		
20	QPSK	50	0	23.32	23.35	23.13		
20	QPSK	50	24	23.34	23.36	23.06	24.5	1
20	QPSK	50	50	23.31	23.29	23.12		
20	QPSK	100	0	23.32	23.33	23.10		
20	16QAM	1	0	23.56	23.42	23.27		
20	16QAM	1	49	23.44	23.45	23.25	24.5	1
20	16QAM	1	99	23.52	23.45	23.14		
20	16QAM	50	0	22.31	22.25	22.12		
20	16QAM	50	24	22.31	22.22	22.04	23.5	2
20	16QAM	50	50	22.34	22.26	22.10		
20	16QAM	100	0	22.31	22.24	22.08		
20	64QAM	1	0	22.48	22.36	22.18		
20	64QAM	1	49	22.42	22.34	22.21	23.5	2
20	64QAM	1	99	22.46	22.39	22.19		
20	64QAM	50	0	21.31	21.27	21.14		
20	64QAM	50	24	21.34	21.22	21.04	22.5	3
20	64QAM	50	50	21.36	21.26	21.11		
20	64QAM	100	0	21.33	21.25	21.09		
20	256QAM	1	0	19.12	19.20	19.28		
20	256QAM	1	49	19.10	19.15	19.18	20.5	5
20	256QAM	1	99	19.13	19.11	19.17		
20	256QAM	50	0	19.13	19.08	19.03		
20	256QAM	50	24	18.98	19.05	18.97	20.5	5
20	256QAM	50	50	19.01	19.02	18.99		
20	256QAM	100	0	18.98	19.03	19.05		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.32	24.12		
15	QPSK	1	37	24.25	24.24	24.01	25.5	0
15	QPSK	1	74	24.25	24.25	24.07		
15	QPSK	36	0	23.24	23.32	23.05		
15	QPSK	36	20	23.23	23.17	22.99	24.5	1
15	QPSK	36	39	23.21	23.26	23.09		
15	QPSK	75	0	23.22	23.23	23.07		
15	16QAM	1	0	23.52	23.31	23.20		
15	16QAM	1	37	23.35	23.38	23.14	24.5	1
15	16QAM	1	74	23.46	23.41	23.05		
15	16QAM	36	0	22.27	22.14	22.03		
15	16QAM	36	20	22.20	22.16	21.94	23.5	2
15	16QAM	36	39	22.30	22.20	22.01		
15	16QAM	75	0	22.27	22.15	22.00		
15	64QAM	1	0	22.45	22.34	22.10		
15	64QAM	1	37	22.39	22.26	22.19	23.5	2
15	64QAM	1	74	22.37	22.32	22.09		
15	64QAM	36	0	21.28	21.24	21.08		
15	64QAM	36	20	21.32	21.19	20.94	22.5	3
15	64QAM	36	39	21.27	21.17	21.01		
15	64QAM	75	0	21.28	21.17	21.00		
15	256QAM	1	0	19.16	19.20	19.24		
15	256QAM	1	37	19.06	19.23	19.12	20.5	5
15	256QAM	1	74	19.07	19.12	19.18		
15	256QAM	36	0	19.20	19.12	19.00		
15	256QAM	36	20	18.95	19.05	19.02	20.5	5
15	256QAM	36	39	19.04	19.03	18.93		
15	256QAM	75	0	18.94	18.97	19.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.25	24.29	24.07		
10	QPSK	1	25	24.21	24.16	23.99	25.5	0
10	QPSK	1	49	24.22	24.16	24.05		
10	QPSK	25	0	23.30	23.27	23.08		
10	QPSK	25	12	23.23	23.22	22.96	24.5	1
10	QPSK	25	25	23.23	23.27	23.04		
10	QPSK	50	0	23.23	23.24	23.02		
10	16QAM	1	0	23.52	23.38	23.19		
10	16QAM	1	25	23.38	23.40	23.18	24.5	1
10	16QAM	1	49	23.41	23.35	23.12		
10	16QAM	25	0	22.26	22.18	22.04		
10	16QAM	25	12	22.28	22.12	22.02	23.5	2
10	16QAM	25	25	22.25	22.23	22.03		
10	16QAM	50	0	22.28	22.14	21.99		
10	64QAM	1	0	22.43	22.31	22.12		
10	64QAM	1	25	22.37	22.25	22.12	23.5	2
10	64QAM	1	49	22.41	22.32	22.15		
10	64QAM	25	0	21.29	21.18	21.09		
10	64QAM	25	12	21.26	21.14	20.99	22.5	3
10	64QAM	25	25	21.33	21.18	21.09		
10	64QAM	50	0	21.26	21.18	20.98		
10	256QAM	1	0	19.13	19.14	19.20		
10	256QAM	1	25	19.17	19.16	19.17	20.5	5
10	256QAM	1	49	19.08	19.04	19.16		
10	256QAM	25	0	19.15	19.15	19.07		
10	256QAM	25	12	19.02	18.97	18.92	20.5	5
10	256QAM	25	25	19.04	19.10	19.05		
10	256QAM	50	0	19.03	19.00	19.11		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.32	24.30	24.11		
5	QPSK	1	12	24.18	24.21	23.99	25.5	0
5	QPSK	1	24	24.26	24.25	24.08		
5	QPSK	12	0	23.26	23.30	23.04		
5	QPSK	12	7	23.25	23.18	23.02	24.5	1
5	QPSK	12	13	23.20	23.22	23.07		
5	QPSK	25	0	23.21	23.26	23.05		
5	16QAM	1	0	23.47	23.35	23.19		
5	16QAM	1	12	23.38	23.36	23.21	24.5	1
5	16QAM	1	24	23.45	23.35	23.07		
5	16QAM	12	0	22.25	22.14	22.07		
5	16QAM	12	7	22.20	22.12	22.02	23.5	2
5	16QAM	12	13	22.32	22.22	22.08		
5	16QAM	25	0	22.27	22.21	22.00		
5	64QAM	1	0	22.41	22.31	22.11		
5	64QAM	1	12	22.35	22.32	22.13	23.5	2
5	64QAM	1	24	22.41	22.27	22.08		
5	64QAM	12	0	21.21	21.21	21.10		
5	64QAM	12	7	21.25	21.18	20.96	22.5	3
5	64QAM	12	13	21.23	21.23	21.02		
5	64QAM	25	0	21.28	21.22	21.07		
5	256QAM	1	0	19.05	19.18	19.23		
5	256QAM	1	12	19.07	19.17	19.12	20.5	5
5	256QAM	1	24	19.10	19.14	19.21		
5	256QAM	12	0	19.17	19.16	18.96		
5	256QAM	12	7	19.06	18.98	19.01	20.5	5
5	256QAM	12	13	18.95	19.07	19.02		
5	256QAM	25	0	19.01	19.05	19.02		

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	24.48	24.51	24.48		
10	QPSK	1	25	24.41	24.42	24.35	25.5	0
10	QPSK	1	49	24.47	24.47	24.45		
10	QPSK	25	0	23.38	23.42	23.35		
10	QPSK	25	12	23.36	23.35	23.33	24.5	1
10	QPSK	25	25	23.35	23.40	23.33		
10	QPSK	50	0	23.35	23.39	23.35		
10	16QAM	1	0	23.48	23.54	23.55		
10	16QAM	1	25	23.49	23.51	23.46	24.5	1
10	16QAM	1	49	23.57	23.54	23.55		
10	16QAM	25	0	22.32	22.41	22.32		
10	16QAM	25	12	22.37	22.32	22.31	23.5	2
10	16QAM	25	25	22.38	22.38	22.38		
10	16QAM	50	0	22.33	22.38	22.34		
10	64QAM	1	0	22.47	22.52	22.48		
10	64QAM	1	25	22.50	22.53	22.47	23.5	2
10	64QAM	1	49	22.54	22.55	22.53		
10	64QAM	25	0	21.27	21.37	21.35		
10	64QAM	25	12	21.34	21.35	21.32	22.5	3
10	64QAM	25	25	21.35	21.38	21.33		
10	64QAM	50	0	21.32	21.39	21.34		
10	256QAM	1	0	19.87	19.80	19.79		
10	256QAM	1	25	19.67	19.70	19.63	20.5	5
10	256QAM	1	49	19.57	19.63	19.60		
10	256QAM	25	0	19.75	19.67	19.60		
10	256QAM	25	12	19.67	19.59	19.58	20.5	5
10	256QAM	25	25	19.62	19.56	19.50		
10	256QAM	50	0	19.70	19.64	19.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.46	24.44	24.38		
5	QPSK	1	12	24.32	24.31	24.33	25.5	0
5	QPSK	1	24	24.42	24.44	24.42		
5	QPSK	12	0	23.34	23.33	23.27		
5	QPSK	12	7	23.32	23.27	23.22	24.5	1
5	QPSK	12	13	23.30	23.33	23.26		
5	QPSK	25	0	23.25	23.32	23.25		
5	16QAM	1	0	23.40	23.50	23.51		
5	16QAM	1	12	23.43	23.40	23.43	24.5	1
5	16QAM	1	24	23.46	23.52	23.47		
5	16QAM	12	0	22.26	22.37	22.28		
5	16QAM	12	7	22.29	22.27	22.28	23.5	2
5	16QAM	12	13	22.34	22.28	22.36		
5	16QAM	25	0	22.25	22.30	22.23		
5	64QAM	1	0	22.41	22.43	22.44		
5	64QAM	1	12	22.46	22.44	22.45	23.5	2
5	64QAM	1	24	22.48	22.52	22.49		
5	64QAM	12	0	21.23	21.34	21.25		
5	64QAM	12	7	21.32	21.29	21.27	22.5	3
5	64QAM	12	13	21.30	21.35	21.24		
5	64QAM	25	0	21.23	21.32	21.27		
5	256QAM	1	0	19.83	19.79	19.78		
5	256QAM	1	12	19.60	19.77	19.61	20.5	5
5	256QAM	1	24	19.52	19.71	19.58		
5	256QAM	12	0	19.82	19.66	19.66		
5	256QAM	12	7	19.72	19.59	19.53	20.5	5
5	256QAM	12	13	19.65	19.55	19.58		
5	256QAM	25	0	19.72	19.69	19.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.45	24.43	24.44		
3	QPSK	1	8	24.34	24.39	24.33	25.5	0
3	QPSK	1	14	24.43	24.43	24.36		
3	QPSK	8	0	23.31	23.36	23.24		
3	QPSK	8	4	23.28	23.24	23.28	24.5	1
3	QPSK	8	7	23.30	23.30	23.22		
3	QPSK	15	0	23.24	23.34	23.24		
3	16QAM	1	0	23.39	23.47	23.51		
3	16QAM	1	8	23.43	23.45	23.37	24.5	1
3	16QAM	1	14	23.53	23.49	23.47		
3	16QAM	8	0	22.25	22.38	22.29		
3	16QAM	8	4	22.35	22.22	22.20	23.5	2
3	16QAM	8	7	22.34	22.30	22.27		
3	16QAM	15	0	22.22	22.30	22.29		
3	64QAM	1	0	22.42	22.43	22.40		
3	64QAM	1	8	22.46	22.43	22.37	23.5	2
3	64QAM	1	14	22.47	22.47	22.43		
3	64QAM	8	0	21.20	21.29	21.31		
3	64QAM	8	4	21.31	21.27	21.24	22.5	3
3	64QAM	8	7	21.30	21.32	21.23		
3	64QAM	15	0	21.29	21.35	21.29		
3	256QAM	1	0	19.89	19.80	19.79		
3	256QAM	1	8	19.72	19.64	19.58	20.5	5
3	256QAM	1	14	19.58	19.55	19.63		
3	256QAM	8	0	19.83	19.67	19.67		
3	256QAM	8	4	19.75	19.57	19.59	20.5	5
3	256QAM	8	7	19.61	19.51	19.55		
3	256QAM	15	0	19.68	19.57	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.37	24.49	24.46		
1.4	QPSK	1	3	24.34	24.35	24.26		
1.4	QPSK	1	5	24.43	24.40	24.42	25.5	0
1.4	QPSK	3	0	24.46	24.42	24.45		
1.4	QPSK	3	1	24.37	24.35	24.32		
1.4	QPSK	3	3	24.43	24.43	24.40		
1.4	QPSK	6	0	23.35	23.34	23.33	24.5	1
1.4	16QAM	1	0	23.29	23.30	23.23		
1.4	16QAM	1	3	23.26	23.30	23.31		
1.4	16QAM	1	5	23.33	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.37	23.51	23.52		
1.4	16QAM	3	1	23.46	23.46	23.44		
1.4	16QAM	3	3	23.48	23.51	23.46		
1.4	16QAM	6	0	22.24	22.31	22.23	23.5	2
1.4	64QAM	1	0	22.35	22.30	22.29		
1.4	64QAM	1	3	22.34	22.31	22.35		
1.4	64QAM	1	5	22.24	22.34	22.23	23.5	2
1.4	64QAM	3	0	22.40	22.45	22.40		
1.4	64QAM	3	1	22.48	22.47	22.44		
1.4	64QAM	3	3	22.46	22.50	22.46		
1.4	64QAM	6	0	21.24	21.27	21.26	22.5	3
1.4	256QAM	1	0	19.79	19.77	19.71		
1.4	256QAM	1	3	19.68	19.73	19.67		
1.4	256QAM	1	5	19.55	19.58	19.60	20.5	5
1.4	256QAM	3	0	19.81	19.72	19.54		
1.4	256QAM	3	1	19.59	19.63	19.54		
1.4	256QAM	3	3	19.57	19.60	19.42		
1.4	256QAM	6	0	19.65	19.71	19.63	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.91	23.94	23.90		
10	QPSK	1	25	23.89	23.84	23.79	25.5	0
10	QPSK	1	49	23.88	23.93	23.89		
10	QPSK	25	0	22.86	23.00	22.94		
10	QPSK	25	12	22.84	22.79	22.74	24.5	1
10	QPSK	25	25	22.84	22.84	22.80		
10	QPSK	50	0	22.82	22.95	22.77		
10	16QAM	1	0	22.97	23.03	23.02		
10	16QAM	1	25	22.97	22.94	22.93	24.5	1

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		25.09			
10	QPSK	1	25		25.05		25.7	0
10	QPSK	1	49		24.77			
10	QPSK	25	0		24.00			
10	QPSK	25	12		23.98		24.7	1
10	QPSK	25	25		23.94			
10	QPSK	50	0		23.96			
10	16QAM	1	0		24.30			
10	16QAM	1	25		23.98		24.7	1
10	16QAM	1	49		24.19			
10	16QAM	25	0		22.98			
10	16QAM	25	12		22.98		23.7	2
10	16QAM	25	25		22.93			
10	16QAM	50	0		22.92			
10	64QAM	1	0		23.23			
10	64QAM	1	25		23.13		23.7	2
10	64QAM	1	49		23.13			
10	64QAM	25	0		21.95			
10	64QAM	25	12		21.98		22.7	3
10	64QAM	25	25		21.92			
10	64QAM	50	0		21.96			
10	256QAM	1	0		20.47			
10	256QAM	1	25		20.30		20.7	5
10	256QAM	1	49		20.30			
10	256QAM	25	0		20.25			
10	256QAM	25	12		20.22		20.7	5
10	256QAM	25	25		20.17			
10	256QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.99	25.02	25.06		
5	QPSK	1	12	24.96	25.03	24.95	25.7	0
5	QPSK	1	24	24.68	24.74	24.70		
5	QPSK	12	0	23.94	23.91	23.91		
5	QPSK	12	7	23.87	23.90	23.96	24.7	1
5	QPSK	12	13	23.90	23.91	23.86		
5	QPSK	25	0	23.93	23.93	23.89		
5	16QAM	1	0	24.26	24.27	24.28		
5	16QAM	1	12	23.96	23.92	23.95	24.7	1
5	16QAM	1	24	24.09	24.11	24.15		
5	16QAM	12	0	22.87	22.91	22.95		
5	16QAM	12	7	22.92	22.90	22.94	23.7	2
5	16QAM	12	13	22.84	22.87	22.82		
5	16QAM	25	0	22.85	22.87	22.89		
5	64QAM	1	0	23.17	23.21	23.13		
5	64QAM	1	12	23.03	23.09	23.04	23.7	2
5	64QAM	1	24	23.10	23.06	23.04		
5	64QAM	12	0	21.89	21.85	21.87		
5	64QAM	12	7	21.92	21.90	21.93	22.7	3
5	64QAM	12	13	21.87	21.82	21.83		
5	64QAM	25	0	21.93	21.93	21.90		
5	256QAM	1	0	20.42	20.44	20.48		
5	256QAM	1	12	20.22	20.23	20.27	20.7	5
5	256QAM	1	24	20.30	20.28	20.24		
5	256QAM	12	0	20.22	20.30	20.29		
5	256QAM	12	7	20.28	20.30	20.28	20.7	5
5	256QAM	12	13	20.25	20.19	20.13		
5	256QAM	25	0	20.13	20.18	20.21		

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		24.38			
10	QPSK	1	25		24.35		25.5	0
10	QPSK	1	49		24.25			
10	QPSK	25	0		23.26			
10	QPSK	25	12		23.25		24.5	1
10	QPSK	25	25		23.22			
10	QPSK	50	0		23.23			
10	16QAM	1	0		23.59			
10	16QAM	1	25		23.34		24.5	1
10	16QAM	1	49		23.45			
10	16QAM	25	0		22.27			
10	16QAM	25	12		22.25		23.5	2
10	16QAM	25	25		22.19			
10	16QAM	50	0		22.23			
10	64QAM	1	0		22.50			
10	64QAM	1	25		22.39		23.5	2
10	64QAM	1	49		22.39			
10	64QAM	25	0		21.23			
10	64QAM	25	12		21.22		22.5	3
10	64QAM	25	25		21.19			
10	64QAM	50	0		21.21			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.55		20.5	5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.51		20.5	5
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.48			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.32	24.29	24.34		
5	QPSK	1	12	24.30	24.27	24.24	25.5	0
5	QPSK	1	24	24.17	24.16	24.16		
5	QPSK	12	0	23.24	23.22	23.15		
5	QPSK	12	7	23.19	23.16	23.18	24.5	1
5	QPSK	12	13	23.19	23.20	23.19		
5	QPSK	25	0	23.18	23.14	23.21		
5	16QAM	1	0	23.56	23.51	23.49		
5	16QAM	1	12	23.24	23.26	23.31	24.5	1
5	16QAM	1	24	23.40	23.35	23.35		
5	16QAM	12	0	22.19	22.21	22.20		
5	16QAM	12	7	22.19	22.17	22.20	23.5	2
5	16QAM	12	13	22.12	22.15	22.15		
5	16QAM	25	0	22.20	22.21	22.13		
5	64QAM	1	0	22.44	22.44	22.41		
5	64QAM	1	12	22.28	22.34	22.31	23.5	2
5	64QAM	1	24	22.29	22.36	22.36		
5	64QAM	12	0	21.15	21.12	21.20		
5	64QAM	12	7	21.19	21.17	21.17	22.5	3
5	64QAM	12	13	21.12	21.15	21.17		
5	64QAM	25	0	21.18	21.14	21.12		
5	256QAM	1	0	19.85	19.74	19.72		
5	256QAM	1	12	19.53	19.59	19.52	20.5	5
5	256QAM	1	24	19.62	19.62	19.51		
5	256QAM	12	0	19.56	19.46	19.53		
5	256QAM	12	7	19.58	19.55	19.44	20.5	5
5	256QAM	12	13	19.38	19.40	19.46		
5	256QAM	25	0	19.40	19.40	19.46		

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	24.46	24.50	24.48		
10	QPSK	1	25	24.42	24.40	24.38	25.5	0
10	QPSK	1	49	24.45	24.40	24.46		
10	QPSK	25	0	23.42	23.45	23.38		
10	QPSK	25	12	23.35	23.36	23.33	24.5	1
10	QPSK	25	25	23.41	23.41	23.35		
10	QPSK	50	0	23.40	23.42	23.36		
10	16QAM	1	0	23.52	23.52	23.55		
10	16QAM	1	25	23.53	23.55	23.51	24.5	1
10	16QAM	1	49	23.51	23.49	23.56		
10	16QAM	25	0	22.39	22.39	22.36		
10	16QAM	25	12	22.34	22.33	22.32	23.5	2
10	16QAM	25	25	22.40	22.39	22.34		
10	16QAM	50	0	22.38	22.39	22.34		
10	64QAM	1	0	22.45	22.53	22.47		
10	64QAM	1	25	22.56	22.52	22.48	23.5	2
10	64QAM	1	49	22.53	22.49	22.52		
10	64QAM	25	0	21.39	21.41	21.36		
10	64QAM	25	12	21.33	21.33	21.32	22.5	3
10	64QAM	25	25	21.41	21.39	21.32		
10	64QAM	50	0	21.40	21.39	21.36		
10	256QAM	1	0	19.77	19.84	19.82		
10	256QAM	1	25	19.66	19.72	19.68	20.5	5
10	256QAM	1	49	19.66	19.67	19.59		
10	256QAM	25	0	19.66	19.68	19.67		
10	256QAM	25	12	19.69	19.61	19.66	20.5	5
10	256QAM	25	25	19.66	19.63	19.63		
10	256QAM	50	0	19.72	19.69	19.69		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.40	24.45		
5	QPSK	1	12	24.34	24.29	24.34	25.5	0
5	QPSK	1	24	24.36	24.29	24.39		
5	QPSK	12	0	23.40	23.41	23.27		
5	QPSK	12	7	23.32	23.28	23.22	24.5	1
5	QPSK	12	13	23.30	23.39	23.27		
5	QPSK	25	0	23.33	23.34	23.32		
5	16QAM	1	0	23.41	23.41	23.50		
5	16QAM	1	12	23.50	23.48	23.45	24.5	1
5	16QAM	1	24	23.48	23.47	23.46		
5	16QAM	12	0	22.32	22.36	22.28		
5	16QAM	12	7	22.27	22.29	22.30	23.5	2
5	16QAM	12	13	22.32	22.37	22.30		
5	16QAM	25	0	22.33	22.30	22.24		
5	64QAM	1	0	22.39	22.44	22.40		
5	64QAM	1	12	22.50	22.46	22.44	23.5	2
5	64QAM	1	24	22.48	22.45	22.45		
5	64QAM	12	0	21.29	21.31	21.32		
5	64QAM	12	7	21.26	21.29	21.28	22.5	3
5	64QAM	12	13	21.33	21.32	21.30		
5	64QAM	25	0	21.36	21.34	21.33		
5	256QAM	1	0	19.82	19.89	19.74		
5	256QAM	1	12	19.62	19.71	19.67	20.5	5
5	256QAM	1	24	19.66	19.66	19.66		
5	256QAM	12	0	19.67	19.75	19.61		
5	256QAM	12	7	19.75	19.57	19.58	20.5	5
5	256QAM	12	13	19.60	19.70	19.64		
5	256QAM	25	0	19.72	19.76	19.77		

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	23.88	23.95	23.89		
10	QPSK	1	25	23.84	23.84	23.82	25.5	0
10	QPSK	1	49	23.86	23.87	23.88		
10	QPSK	25	0	22.82	22.86	22.78		
10	QPSK	25	12	22.75	22.76	22.73	24.5	1
10	QPSK	25	25	22.81	22.80	22.75		
10	QPSK	50	0	22.83	22.85	22.77		
10	16QAM	1	0	22.90	22.93	22.95		
10	16QAM	1	25	22.95	22.96	22.95	24.5	1
10	16QAM	1	49	22.99	22.93	22.96		
10	16QAM	25	0	21.83	21.79	21.77		
10	16QAM	25	12	21.74	21.75	21.71	23.5	2
10	16QAM	25	25	21.82	21.80	21.74		
10	16QAM	50	0	21.82	21.80	21.74		
10	64QAM	1	0	21.92	21.97	21.92		
10	64QAM	1	25	21.97	21.96	21.85	23.5	2
10	64QAM	1	49	21.90	21.88	21.96		
10	64QAM	25	0	20.83	20.82	20.78		
10	64QAM	25	12	20.76	20.76	20.74	22.5	3
10	64QAM	25	25	20.84	20.81	20.76		
10	64QAM	50	0	20.83	20.81	20.75		
10	256QAM	1	0	19.22	19.23	19.21		
10	256QAM	1	25	19.20	19.12	19.07	20.5	5
10	256QAM	1	49	19.20	19.12	19.08		
10	256QAM	25	0	19.07	19.13	19.15		
10	256QAM	25	12	19.01	19.04	19.00	20.5	5
10	256QAM	25	25	19.12	19.06	19.13		
10	256QAM	50	0	19.15	19.10	19.09		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.77	23.91	23.82		
5	QPSK	1	12	23.78	23.73	23.71	25.5	0
5	QPSK	1	24	23.77	23.77	23.79		
5	QPSK	12	0	22.78	22.82	22.72		
5	QPSK	12	7	22.71	22.72	22.64	24.5	1
5	QPSK	12	13	22.75	22.69	22.66		
5	QPSK	25	0	22.72	22.76	22.73		
5	16QAM	1	0	22.85	22.89	22.93		
5	16QAM	1	12	22.88	22.90	22.84	24.5	1
5	16QAM	1	24	22.90	22.90	22.88		
5	16QAM	12	0	21.74	21.77	21.67		
5	16QAM	12	7	21.71	21.68	21.64	23.5	2
5	16QAM	12	13	21.74	21.70	21.64		
5	16QAM	25	0	21.72	21.78	21.70		
5	64QAM	1	0	21.89	21.86	21.88		
5	64QAM	1	12	21.87	21.90	21.83	23.5	2
5	64QAM	1	24	21.83	21.86	21.92		
5	64QAM	12	0	20.72	20.75	20.69		
5	64QAM	12	7	20.66	20.69	20.64	22.5	3
5	64QAM	12	13	20.80	20.72	20.73		
5	64QAM	25	0	20.72	20.70	20.72		
5	256QAM	1	0	19.19	19.15	19.17		
5	256QAM	1	12	19.28	19.07	19.03	20.5	5
5	256QAM	1	24	19.20	19.15	19.11		
5	256QAM	12	0	19.12	19.14	19.13		
5	256QAM	12	7	18.94	19.06	19.07	20.5	5
5	256QAM	12	13	19.09	19.02	19.10		
5	256QAM	25	0	19.11	19.06	19.05		

Band 26_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	25.02	25.05	24.86		
15	QPSK	1	37	24.79	24.89	24.68	25.7	0
15	QPSK	1	74	25.00	24.89	24.78		
15	QPSK	36	0	23.95	23.97	23.75		
15	QPSK	36	20	23.85	23.84	23.69	24.7	1
15	QPSK	36	39	23.90	23.84	23.71		
15	QPSK	75	0	23.83	23.87	23.74		
15	16QAM	1	0	23.96	24.02	24.07		
15	16QAM	1	37	23.96	24.05	23.82	24.7	1
15	16QAM	1	74	24.01	24.05	23.96		
15	16QAM	36	0	22.79	22.89	22.74		
15	16QAM	36	20	22.83	22.81	22.68	23.7	2
15	16QAM	36	39	22.87	22.85	22.71		
15	16QAM	75	0	22.82	22.84	22.75		
15	64QAM	1	0	22.93	22.97	23.00		
15	64QAM	1	37	22.89	23.00	22.79	23.7	2
15	64QAM	1	74	23.00	23.00	22.91		
15	64QAM	36	0	21.79	21.88	21.73		
15	64QAM	36	20	21.83	21.81	21.68	22.7	3
15	64QAM	36	39	21.88	21.84	21.70		
15	64QAM	75	0	21.84	21.83	21.74		
15	256QAM	1	0	20.18	20.21	20.18		
15	256QAM	1	37	20.21	20.20	20.12	20.7	5
15	256QAM	1	74	20.09	20.12	20.04		
15	256QAM	36	0	20.09	20.03	20.03		
15	256QAM	36	20	20.02	19.96	19.96	20.7	5
15	256QAM	36	39	20.03	19.99	19.93		
15	256QAM	75	0	19.99	20.03	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.95	24.94	24.75		
10	QPSK	1	25	24.71	24.83	24.59	25.7	0
10	QPSK	1	49	24.93	24.85	24.73		
10	QPSK	25	0	23.85	23.87	23.71		
10	QPSK	25	12	23.74	23.82	23.66	24.7	1
10	QPSK	25	25	23.81	23.82	23.69		
10	QPSK	50	0	23.77	23.79	23.71		
10	16QAM	1	0	23.87	23.98	24.01		
10	16QAM	1	25	23.82	23.98	23.72	24.7	1
10	16QAM	1	49	23.97	23.97	23.91		
10	16QAM	25	0	22.74	22.81	22.71		
10	16QAM	25	12	22.73	22.70	22.58	23.7	2
10	16QAM	25	25	22.81	22.75	22.64		
10	16QAM	50	0	22.77	22.81	22.70		
10	64QAM	1	0	22.83	22.91	22.93		
10	64QAM	1	25	22.86	22.97	22.71	23.7	2
10	64QAM	1	49	22.97	22.94	22.85		
10	64QAM	25	0	21.76	21.83	21.65		
10	64QAM	25	12	21.78	21.75	21.57	22.7	3
10	64QAM	25	25	21.78	21.80	21.62		
10	64QAM	50	0	21.75	21.75	21.71		
10	256QAM	1	0	20.23	20.28	20.24		
10	256QAM	1	25	20.14	20.22	20.06	20.7	5
10	256QAM	1	49	20.17	20.08	20.08		
10	256QAM	25	0	20.01	19.98	20.07		
10	256QAM	25	12	19.94	19.88	19.98	20.7	5
10	256QAM	25	25	20.03	19.92	19.96		
10	256QAM	50	0	19.91	20.10	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	24.99	24.76		
5	QPSK	1	12	24.71	24.83	24.63	25.7	0
5	QPSK	1	24	24.96	24.82	24.75		
5	QPSK	12	0	23.94	23.93	23.67		
5	QPSK	12	7	23.82	23.80	23.60	24.7	1
5	QPSK	12	13	23.81	23.80	23.66		
5	QPSK	25	0	23.77	23.77	23.70		
5	16QAM	1	0	23.92	23.91	24.00		
5	16QAM	1	12	23.83	24.02	23.77	24.7	1
5	16QAM	1	24	23.95	23.99	23.85		
5	16QAM	12	0	22.73	22.78	22.68		
5	16QAM	12	7	22.82	22.82	22.64	23.7	2
5	16QAM	12	13	22.76	22.79	22.64		
5	16QAM	25	0	22.75	22.80	22.67		
5	64QAM	1	0	22.91	22.88	22.91		
5	64QAM	1	12	22.84	22.97	22.76	23.7	2
5	64QAM	1	24	23.00	22.93	22.84		
5	64QAM	12	0	21.71	21.81	21.62		
5	64QAM	12	7	21.76	21.70	21.65	22.7	3
5	64QAM	12	13	21.80	21.76	21.63		
5	64QAM	25	0	21.76	21.76	21.66		
5	256QAM	1	0	20.16	20.26	20.22		
5	256QAM	1	12	20.24	20.26	20.16	20.7	5
5	256QAM	1	24	20.11	20.18	20.10		
5	256QAM	12	0	20.09	20.04	20.11		
5	256QAM	12	7	20.07	20.01	19.91	20.7	5
5	256QAM	12	13	20.07	19.94	19.93		
5	256QAM	25	0	20.05	20.11	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	24.98	24.81		
3	QPSK	1	8	24.69	24.81	24.64	25.7	0
3	QPSK	1	14	24.97	24.79	24.70		
3	QPSK	8	0	23.85	23.93	23.66		
3	QPSK	8	4	23.79	23.82	23.58	24.7	1
3	QPSK	8	7	23.81	23.77	23.66		
3	QPSK	15	0	23.77	23.83	23.64		
3	16QAM	1	0	23.98	24.00	24.00		
3	16QAM	1	8	23.87	23.95	23.71	24.7	1
3	16QAM	1	14	23.96	24.01	23.86		
3	16QAM	8	0	22.71	22.78	22.72		
3	16QAM	8	4	22.77	22.75	22.64	23.7	2
3	16QAM	8	7	22.76	22.75	22.68		
3	16QAM	15	0	22.76	22.81	22.69		
3	64QAM	1	0	22.87	22.91	22.92		
3	64QAM	1	8	22.95	22.92	22.72	23.7	2
3	64QAM	1	14	22.94	22.96	22.87		
3	64QAM	8	0	21.75	21.86	21.67		
3	64QAM	8	4	21.73	21.70	21.58		
3	64QAM	8	7	21.83	21.82	21.63	22.7	3
3	64QAM	15	0	21.76	21.72	21.68		
3	256QAM	1	0	20.20	20.19	20.17		
3	256QAM	1	8	20.13	20.25	20.04	20.7	5
3	256QAM	1	14	20.17	20.18	20.02		
3	256QAM	8	0	20.17	20.00	20.00		
3	256QAM	8	4	20.04	19.94	19.95	20.7	5
3	256QAM	8	7	20.03	20.03	20.00		
3	256QAM	15	0	20.05	20.05	19.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.96	24.97	24.75		
1.4	QPSK	1	3	24.74	24.84	24.59		
1.4	QPSK	1	5	24.94	24.85	24.74	25.7	0
1.4	QPSK	3	0	24.91	24.94	24.80		
1.4	QPSK	3	1	24.70	24.84	24.61		
1.4	QPSK	3	3	24.97	24.82	24.75		
1.4	QPSK	6	0	23.91	23.91	23.72	24.7	1
1.4	16QAM	1	0	23.79	23.78	23.62		
1.4	16QAM	1	3	23.82	23.78	23.66		
1.4	16QAM	1	5	23.73	23.83	23.72	24.7	1
1.4	16QAM	3	0	23.87	23.93	24.03		
1.4	16QAM	3	1	23.85	24.00	23.75		
1.4	16QAM	3	3	23.94	24.01	23.94		
1.4	16QAM	6	0	22.70	22.78	22.64	23.7	2
1.4	64QAM	1	0	22.79	22.71	22.63		
1.4	64QAM	1	3	22.79	22.77	22.67		
1.4	64QAM	1	5	22.77	22.74	22.70	23.7	2
1.4	64QAM	3	0	22.84	22.86	22.97		
1.4	64QAM	3	1	22.79	22.98	22.73		
1.4	64QAM	3	3	22.97	22.91	22.82		
1.4	64QAM	6	0	21.72	21.82	21.70	22.7	3
1.4	256QAM	1	0	20.10	20.17	20.21		
1.4	256QAM	1	3	20.20	20.17	20.16		
1.4	256QAM	1	5	20.05	20.07	20.09	20.7	5
1.4	256QAM	3	0	20.12	19.95	19.99		
1.4	256QAM	3	1	20.01	19.99	20.00		
1.4	256QAM	3	3	20.04	20.04	19.89		
1.4	256QAM	6	0	19.93	20.05	19.94	20.7	5

Band 26_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	24.18	24.20	24.05		
15	QPSK	1	37	24.01	24.12	23.88	25.5	0
15	QPSK	1	74	24.15	24.09	23.96		
15	QPSK	36	0	23.11	23.15	22.94		
15	QPSK	36	20	23.06	23.04	22.89	24.5	1
15	QPSK	36	39	23.09	23.06	22.92		
15	QPSK	75	0	23.04	23.06	22.96		
15	16QAM	1	0	23.22	23.27	23.23		
15	16QAM	1	37	23.19	23.24	23.08	24.5	1
15	16QAM	1	74	23.31	23.25	23.18		
15	16QAM	36	0	21.98	22.09	21.95		
15	16QAM	36	20	22.05	22.03	21.88	23.5	2
15	16QAM	36	39	22.08	22.05	21.91		
15	16QAM	75	0	22.03	22.06	21.94		
15	64QAM	1	0	22.20	22.22	22.14		
15	64QAM	1	37	22.10	22.24	21.96	23.5	2
15	64QAM	1	74	22.31	22.20	22.12		
15	64QAM	36	0	21.00	21.08	20.92		
15	64QAM	36	20	21.05	21.01	20.87	22.5	3
15	64QAM	36	39	21.08	21.06	20.89		
15	64QAM	75	0	21.05	21.05	20.94		
15	256QAM	1	0	19.42	19.39	19.46		
15	256QAM	1	37	19.36	19.35	19.29	20.5	5
15	256QAM	1	74	19.30	19.23	19.17		
15	256QAM	36	0	19.22	19.19	19.17		
15	256QAM	36	20	19.04	19.08	19.14	20.5	5
15	256QAM	36	39	19.06	19.12	19.05		
15	256QAM	75	0	19.10	19.18	19.19		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.09	24.10	23.94		
10	QPSK	1	25	23.90	24.08	23.85	25.5	0
10	QPSK	1	49	24.05	24.05	23.88		
10	QPSK	25	0	23.04	23.06	22.91		
10	QPSK	25	12	22.98	22.93	22.83	24.5	1
10	QPSK	25	25	22.99	23.02	22.86		
10	QPSK	50	0	23.01	22.96	22.87		
10	16QAM	1	0	23.18	23.24	23.21		
10	16QAM	1	25	23.12	23.19	23.05	24.5	1
10	16QAM	1	49	23.25	23.16	23.10		
10	16QAM	25	0	21.88	22.06	21.92		
10	16QAM	25	12	21.95	21.92	21.82	23.5	2
10	16QAM	25	25	21.97	22.03	21.83		
10	16QAM	50	0	21.93	22.03	21.90		
10	64QAM	1	0	22.13	22.13	22.11		
10	64QAM	1	25	22.07	22.22	21.87	23.5	2
10	64QAM	1	49	22.24	22.17	22.04		
10	64QAM	25	0	20.95	21.00	20.83		
10	64QAM	25	12	20.97	20.95	20.81	22.5	3
10	64QAM	25	25	21.03	20.99	20.82		
10	64QAM	50	0	21.03	21.02	20.89		
10	256QAM	1	0	19.37	19.44	19.48		
10	256QAM	1	25	19.38	19.33	19.27	20.5	5
10	256QAM	1	49	19.23	19.17	19.16		
10	256QAM	25	0	19.30	19.17	19.12		
10	256QAM	25	12	19.02	19.00	19.17	20.5	5
10	256QAM	25	25	19.13	19.13	19.02		
10	256QAM	50	0	19.03	19.23	19.15		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.10	23.98		
5	QPSK	1	12	23.93	24.05	23.82	25.5	0
5	QPSK	1	24	24.12	24.01	23.91		
5	QPSK	12	0	23.01	23.11	22.95		
5	QPSK	12	7	22.98	22.94	22.78	24.5	1
5	QPSK	12	13	23.01	22.99	22.86		
5	QPSK	25	0	23.01	22.98	22.94		
5	16QAM	1	0	23.12	23.19	23.12		
5	16QAM	1	12	23.13	23.17	23.05	24.5	1
5	16QAM	1	24	23.20	23.18	23.13		
5	16QAM	12	0	21.87	22.00	21.89		
5	16QAM	12	7	22.03	22.01	21.82	23.5	2
5	16QAM	12	13	22.02	22.03	21.82		
5	16QAM	25	0	22.01	21.95	21.92		
5	64QAM	1	0	22.10	22.12	22.10		
5	64QAM	1	12	22.05	22.18	21.86	23.5	2
5	64QAM	1	24	22.22	22.11	22.04		
5	64QAM	12	0	20.93	21.03	20.86		
5	64QAM	12	7	20.94	20.91	20.79	22.5	3
5	64QAM	12	13	21.02	21.00	20.84		
5	64QAM	25	0	20.95	20.94	20.91		
5	256QAM	1	0	19.40	19.35	19.38		
5	256QAM	1	12	19.29	19.31	19.33	20.5	5
5	256QAM	1	24	19.30	19.25	19.21		
5	256QAM	12	0	19.21	19.26	19.12		
5	256QAM	12	7	18.96	19.09	19.15	20.5	5
5	256QAM	12	13	18.98	19.02	19.10		
5	256QAM	25	0	19.17	19.22	19.23		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.10	24.13	23.97		
3	QPSK	1	8	23.94	24.10	23.84	25.5	0
3	QPSK	1	14	24.11	24.02	23.91		
3	QPSK	8	0	23.06	23.09	22.85		
3	QPSK	8	4	22.96	22.94	22.86	24.5	1
3	QPSK	8	7	23.01	22.99	22.86		
3	QPSK	15	0	23.01	22.99	22.93		
3	16QAM	1	0	23.18	23.12	23.12		
3	16QAM	1	8	23.08	23.16	23.06	24.5	1
3	16QAM	1	14	23.27	23.20	23.12		
3	16QAM	8	0	21.93	22.04	21.91		
3	16QAM	8	4	22.02	21.99	21.78	23.5	2
3	16QAM	8	7	22.05	22.02	21.84		
3	16QAM	15	0	21.96	22.04	21.88		
3	64QAM	1	0	22.16	22.18	22.08		
3	64QAM	1	8	22.20	22.21	21.99	23.5	2
3	64QAM	1	14	22.24	22.17	22.07		
3	64QAM	8	0	20.89	21.02	20.84		
3	64QAM	8	4	20.99	20.95	20.84		
3	64QAM	8	7	21.00	20.98	20.81	22.5	3
3	64QAM	15	0	20.99	21.01	20.87		
3	256QAM	1	0	19.39	19.35	19.51		
3	256QAM	1	8	19.36	19.36	19.36	20.5	5
3	256QAM	1	14	19.23	19.22	19.23		
3	256QAM	8	0	19.20	19.20	19.24		
3	256QAM	8	4	18.98	19.02	19.06	20.5	5
3	256QAM	8	7	18.99	19.09	19.02		
3	256QAM	15	0	19.03	19.20	19.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.08	24.14	23.99		
1.4	QPSK	1	3	23.94	24.07	23.80		
1.4	QPSK	1	5	24.09	24.04	23.87	25.5	0
1.4	QPSK	3	0	24.13	24.11	24.02		
1.4	QPSK	3	1	23.98	24.10	23.78		
1.4	QPSK	3	3	24.07	24.06	23.86		
1.4	QPSK	6	0	23.05	23.05	23.12	24.5	1
1.4	16QAM	1	0	23.02	22.95	22.79		
1.4	16QAM	1	3	23.00	23.01	22.87		
1.4	16QAM	1	5	22.95	23.03	22.86	24.5	1
1.4	16QAM	3	0	23.17	23.17	23.13		
1.4	16QAM	3	1	23.17	23.13	23.06		
1.4	16QAM	3	3	23.25	23.22	23.08		
1.4	16QAM	6	0	21.96	22.00	21.87	23.5	2
1.4	64QAM	1	0	21.99	22.00	21.83		
1.4	64QAM	1	3	22.07	22.07	21.83		
1.4	64QAM	1	5	21.94	21.97	21.83	23.5	2
1.4	64QAM	3	0	22.12	22.16	22.04		
1.4	64QAM	3	1	22.01	22.19	21.88		
1.4	64QAM	3	3	22.27	22.15	22.02		
1.4	64QAM	6	0	20.91	20.98	20.89	22.5	3
1.4	256QAM	1	0	19.41	19.47	19.43		
1.4	256QAM	1	3	19.33	19.36	19.22		
1.4	256QAM	1	5	19.33	19.19	19.20	20.5	5
1.4	256QAM	3	0	19.25	19.18	19.12		
1.4	256QAM	3	1	19.11	19.10	19.09		
1.4	256QAM	3	3	19.01	19.09	19.11		
1.4	256QAM	6	0	19.07	19.26	19.23	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.60	24.61	24.47		
20	QPSK	1	49	24.53	24.56	24.37	25.5	0
20	QPSK	1	99	24.44	24.48	24.34		
20	QPSK	50	0	23.55	23.59	23.46		
20	QPSK	50	24	23.53	23.48	23.39	24.5	1
20	QPSK	50	50	23.54	23.46	23.37		
20	QPSK	100	0	23.52	23.56	23.40		
20	16QAM	1	0	23.82	23.83	23.56		
20	16QAM	1	49	23.68	23.66	23.60	24.5	1
20	16QAM	1	99	23.71	23.45	23.57		
20	16QAM	50	0	22.59	22.47	22.46		
20	16QAM	50	24	22.55	22.45	22.37	23.5	2
20	16QAM	50	50	22.54	22.45	22.34		
20	16QAM	100	0	22.57	22.45	22.38		
20	64QAM	1	0	22.70	22.70	22.52		
20	64QAM	1	49	22.70	22.60	22.56	23.5	2
20	64QAM	1	99	22.69	22.37	22.60		
20	64QAM	50	0	21.60	21.47	21.48		
20	64QAM	50	24	21.55	21.47	21.39	22.5	3
20	64QAM	50	50	21.57	21.46	21.34		
20	64QAM	100	0	21.58	21.46	21.39		
20	256QAM	1	0	19.63	19.60	19.52		
20	256QAM	1	49	19.59	19.60	19.53	20.5	5
20	256QAM	1	99	19.39	19.46	19.42		
20	256QAM	50	0	19.36	19.38	19.30		
20	256QAM	50	24	19.33	19.40	19.40	20.5	5
20	256QAM	50	50	19.47	19.48	19.54		
20	256QAM	100	0	19.51	19.44	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.51	24.51	24.42		
15	QPSK	1	37	24.44	24.46	24.31	25.5	0
15	QPSK	1	74	24.34	24.40	24.32		
15	QPSK	36	0	23.53	23.49	23.44		
15	QPSK	36	20	23.49	23.37	23.28	24.5	1
15	QPSK	36	39	23.51	23.36	23.30		
15	QPSK	75	0	23.50	23.50	23.34		
15	16QAM	1	0	23.72	23.76	23.47		
15	16QAM	1	37	23.70	23.60	23.58	24.5	1
15	16QAM	1	74	23.62	23.35	23.55		
15	16QAM	36	0	22.48	22.38	22.38		
15	16QAM	36	20	22.44	22.34	22.32	23.5	2
15	16QAM	36	39	22.46	22.41	22.34		
15	16QAM	75	0	22.52	22.35	22.29		
15	64QAM	1	0	22.63	22.68	22.43		
15	64QAM	1	37	22.68	22.54	22.45	23.5	2
15	64QAM	1	74	22.60	22.52	22.46		
15	64QAM	36	0	21.50	21.41	21.40		
15	64QAM	36	20	21.52	21.44	21.34	22.5	3
15	64QAM	36	39	21.46	21.36	21.27		
15	64QAM	75	0	21.48	21.35	21.31		
15	256QAM	1	0	19.60	19.55	19.54		
15	256QAM	1	37	19.65	19.56	19.53	20.5	5
15	256QAM	1	74	19.34	19.48	19.44		
15	256QAM	36	0	19.34	19.33	19.23		
15	256QAM	36	20	19.36	19.34	19.32	20.5	5
15	256QAM	36	39	19.48	19.43	19.55		
15	256QAM	75	0	19.57	19.49	19.41		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.57	24.51	24.36		
10	QPSK	1	25	24.48	24.53	24.30	25.5	0
10	QPSK	1	49	24.41	24.42	24.23		
10	QPSK	25	0	23.42	23.50	23.37		
10	QPSK	25	12	23.44	23.45	23.34	24.5	1
10	QPSK	25	25	23.48	23.40	23.33		
10	QPSK	50	0	23.44	23.54	23.30		
10	16QAM	1	0	23.79	23.77	23.49		
10	16QAM	1	25	23.76	23.63	23.52	24.5	1
10	16QAM	1	49	23.61	23.35	23.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.15	22.18	22.09		
20	QPSK	1	49	22.11	22.05	21.97	23	0
20	QPSK	1	99	22.04	22.06	22.02		
20	QPSK	50	0	22.13	22.15	22.06		
20	QPSK	50	24	22.12	22.12	21.99	23	0
20	QPSK	50	50	22.05	22.12	21.99		
20	QPSK	100	0	22.11	22.13	22.05		
20	16QAM	1	0	22.05	22.10	21.96		
20	16QAM	1	49	22.12	22.06	22.00	23	0
20	16QAM	1	99	22.05	22.05	21.99		
20	16QAM	50	0	22.06	22.14	21.97		
20	16QAM	50	24	22.10	22.09	22.04	23	0
20	16QAM	50	50	22.07	22.11	22.03		
20	16QAM	100	0	22.12	22.05	22.01		
20	64QAM	1	0	22.05	22.13	22.03		
20	64QAM	1	49	22.11	22.11	22.03	23	0
20	64QAM	1	99	22.09	22.09	21.97		
20	64QAM	50	0	21.23	21.15	21.10		
20	64QAM	50	24	21.23	21.12	21.02	22	1
20	64QAM	50	50	21.20	21.11	20.97		
20	64QAM	100	0	21.20	21.12	21.02		
20	256QAM	1	0	19.18	19.22	19.26		
20	256QAM	1	49	19.23	19.16	19.19	20	3
20	256QAM	1	99	19.09	19.15	19.13		
20	256QAM	50	0	19.04	19.05	19.03		
20	256QAM	50	24	19.17	19.09	19.09	20	3
20	256QAM	50	50	19.11	19.13	19.15		
20	256QAM	100	0	19.02	19.09	19.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.04	22.08	21.98		
15	QPSK	1	37	22.03	22.06	22.05	23	0
15	QPSK	1	74	22.05	22.13	22.05		
15	QPSK	36	0	22.11	22.13	22.01		
15	QPSK	36	20	22.10	22.08	22.00	23	0
15	QPSK	36	39	22.03	22.08	21.96		
15	QPSK	75	0	22.12	22.13	21.96		
15	16QAM	1	0	22.08	22.05	21.97		
15	16QAM	1	37	22.09	22.07	22.02	23	0
15	16QAM	1	74	22.12	22.11	21.97		
15	16QAM	36	0	22.04	22.06	22.00		
15	16QAM	36	20	22.03	22.06	21.99	23	0
15	16QAM	36	39	22.03	22.13	22.02		
15	16QAM	75	0	22.11	22.08	22.00		
15	64QAM	1	0	22.09	22.11	21.99		
15	64QAM	1	37	22.08	22.11	22.01	23	0
15	64QAM	1	74	22.08	22.13	21.99		
15	64QAM	36	0	21.20	21.05	21.00		
15	64QAM	36	20	21.16	21.10	20.95	22	1
15	64QAM	36	39	21.10	21.05	20.86		
15	64QAM	75	0	21.13	21.01	20.99		
15	256QAM	1	0	19.12	19.27	19.28		
15	256QAM	1	37	19.26	19.23	19.24	20	3
15	256QAM	1	74	19.08	19.17	19.16		
15	256QAM	36	0	19.05	19.09	18.95		
15	256QAM	36	20	19.25	19.17	19.01	20	3
15	256QAM	36	39	19.06	19.11	19.15		
15	256QAM	75	0	19.03	19.13	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.11	22.05	21.96		
10	QPSK	1	25	22.12	22.09	21.99	23	0
10	QPSK	1	49	22.03	22.08	22.01		
10	QPSK	25	0	22.06	22.05	22.03		
10	QPSK	25	12	22.10	22.13	22.05	23	0
10	QPSK	25	25	22.05	22.13	21.96		
10	QPSK	50	0	22.09	22.07	22.01		
10	16QAM	1	0	22.09	22.07	21.97		
10	16QAM	1	25	22.11	22.11	22.02	23	0
10	16QAM	1	49	22.07	22.13	22.01		
10	16QAM	25	0	22.06	22.05	22.05		
10	16QAM	25	12	22.11	22.14	22.00	23	0
10	16QAM	25	25	22.03	22.06	21.97		
10	16QAM	50	0	22.07	22.09	21.96		
10	64QAM	1	0	22.09	22.12	22.04		
10	64QAM	1	25	22.11	22.12	22.03	23	0
10	64QAM	1	49	22.07	22.07	22.03		
10	64QAM	25	0	21.15	21.07	21.04		
10	64QAM	25	12	21.17	21.05	20.93	22	1
10	64QAM	25	25	21.12	21.05	20.94		
10	64QAM	50	0	21.16	21.08	20.97		
10	256QAM	1	0	19.20	19.15	19.34		
10	256QAM	1	25	19.17	19.22	19.13	20	3
10	256QAM	1	49	19.02	19.15	19.18		
10	256QAM	25	0	19.11	19.13	19.10		
10	256QAM	25	12	19.18	19.18	19.05	20	3
10	256QAM	25	25	19.16	19.20	19.09		
10	256QAM	50	0	18.95	19.17	19.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.11	22.14	21.99		
5	QPSK	1	12	22.09	22.14	21.96	23	0
5	QPSK	1	24	22.04	22.12	22.02		
5	QPSK	12	0	22.09	22.07	21.96		
5	QPSK	12	7	22.06	22.08	22.04	23	0
5	QPSK	12	13	22.08	22.11	21.97		
5	QPSK	25	0	22.10	22.08	21.96		
5	16QAM	1	0	22.09	22.14	22.05	23	0
5	16QAM	1	12	22.12	22.06	22.03		
5	16QAM	1	24	22.04	22.12	22.00		
5	16QAM	12	0	22.06	22.05	21.97		
5	16QAM	12	7	22.03	22.11	21.96	23	0
5	16QAM	12	13	22.10	22.12	22.05		
5	16QAM	25	0	22.11	22.11	21.96		
5	64QAM	1	0	22.10	22.06	21.98		
5	64QAM	1	12	22.08	22.05	22.05	23	0
5	64QAM	1	24	22.11	22.08	21.99		
5	64QAM	12	0	21.19	21.11	21.02		
5	64QAM	12	7	21.18	21.08	21.00	22	1
5	64QAM	12	13	21.13	21.03	20.90		
5	64QAM	25	0	21.10	21.02	20.99		
5	256QAM	1	0	19.12	19.28	19.19		
5	256QAM	1	12	19.19	19.20	19.22	20	3
5	256QAM	1	24	19.15	19.11	19.13		
5	256QAM	12	0	19.12	19.09	19.06		
5	256QAM	12	7	19.22	19.15	19.09	20	3
5	256QAM	12	13	19.07	19.14	19.23		
5	256QAM	25	0	19.10	19.06	19.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.06	22.11	22.05		
3	QPSK	1	8	22.05	22.08	22.00	23	0
3	QPSK	1	14	22.05	22.09	22.04		
3	QPSK	8	0	22.03	22.06	22.01		
3	QPSK	8	4	22.04	22.05	21.96	23	0
3	QPSK	8	7	22.03	22.05	21.99		
3	QPSK	15	0	22.11	22.13	21.96		
3	16QAM	1	0	22.06	22.07	21.98		
3	16QAM	1	8	22.07	22.11	22.01	23	0
3	16QAM	1	14	22.06	22.05	22.01		
3	16QAM	8	0	22.07	22.12	22.04		
3	16QAM	8	4	22.03	22.07	21.96	23	0
3	16QAM	8	7	22.05	22.10	21.99		
3	16QAM	15	0	22.11	22.09	21.97		
3	64QAM	1	0	22.11	22.05	22.05		
3	64QAM	1	8	22.11	22.07	22.05	23	0
3	64QAM	1	14	22.09	22.11	21.98		
3	64QAM	8	0	21.18	21.06	21.02		
3	64QAM	8	4	21.14	21.03	20.95	22	1
3	64QAM	8	7	21.10	21.05	20.91		
3	64QAM	15	0	21.10	21.02	20.96		
3	256QAM	1	0	19.25	19.18	19.33		
3	256QAM	1	8	19.17	19.19	19.22	20	3
3	256QAM	1	14	19.12	19.11	19.05		
3	256QAM	8	0	19.06	19.13	18.98		
3	256QAM	8	4	19.21	19.02	19.08	20	3
3	256QAM	8	7	19.16	19.14	19.07		
3	256QAM	15	0	18.99	19.09	19.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.10	22.07	21.98		
1.4	QPSK	1	3	22.09	22.11	21.97		
1.4	QPSK	1	5	22.07	22.05	22.01	23	0
1.4	QPSK	3	0	22.08	22.08	22.02		
1.4	QPSK	3	1	22.10	22.14	21.99		
1.4	QPSK	3	3	22.11	22.14	22.02		
1.4	QPSK	6	0	22.09	22.10	21.98	23	0
1.4	16QAM	1	0	22.04	22.08	21.97		
1.4	16QAM	1	3	22.06	22.07	21.97		
1.4	16QAM	1	5	22.06	22.06	22.00	23	0
1.4	16QAM	3	0	22.03	22.05	22.01		
1.4	16QAM	3	1	22.03	22.06	21.97		
1.4	16QAM	3	3	22.11	22.07	22.01		
1.4	16QAM	6	0	22.06	22.10	21.99	23	0
1.4	64QAM	1	0	22.05	22.13	22.01		
1.4	64QAM	1	3	22.11	22.07	22.04		
1.4	64QAM	1	5	22.05	22.10	22.04	23	0
1.4	64QAM	3	0	22.07	22.05	22.05		
1.4	64QAM	3	1	22.05	22.14	22.04		
1.4	64QAM	3	3	22.08	22.12	21.96		
1.4	64QAM	6	0	21.14	21.12	21.01	22	1
1.4	256QAM	1	0	19.25	19.17	19.24		
1.4	256QAM	1	3	19.22	19.14	19.25		
1.4	256QAM	1	5	19.17	19.10	19.16	20	3
1.4	256QAM	3	0	19.07	19.04	19.06		
1.4	256QAM	3	1	19.11	19.07	19.04		
1.4	256QAM	3	3	19.05	19.14	19.11		
1.4	256QAM	6	0	18.94	19.12	18.98	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.70	23.73	23.50		
20	QPSK	1	49	23.63	23.54	23.35	24.5	0
20	QPSK	1	99	23.54	23.45	23.39		
20	QPSK	50	0	22.65	22.69	22.45		
20	QPSK	50	24	22.56	22.50	22.38	23.5	1
20	QPSK	50	50	22.53	22.47	22.36		
20	QPSK	100	0	22.62	22.65	22.37		
20	16QAM	1	0	22.96	22.87	22.59		
20	16QAM	1	49	22.90	22.71	22.57	23.5	1
20	16QAM	1	99	22.77	22.48	22.49		
20	16QAM	50	0	21.69	21.54	21.42		
20	16QAM	50	24	21.66	21.48	21.38	22.5	2
20	16QAM	50	50	21.64	21.44	21.34		
20	16QAM	100	0	21.65	21.48	21.36		
20	64QAM	1	0	21.90	21.69	21.54		
20	64QAM	1	49	21.86	21.66	21.52	22.5	2
20	64QAM	1	99	21.71	21.42	21.50		
20	64QAM	50	0	20.69	20.53	20.44		
20	64QAM	50	24	20.65	20.50	20.37	21.5	3
20	64QAM	50	50	20.65	20.46	20.34		
20	64QAM	100	0	20.66	20.49	20.36		
20	256QAM	1	0	18.59	18.60	18.55		
20	256QAM	1	49	18.56	18.61	18.59	19.5	5
20	256QAM	1	99	18.55	18.58	18.65		
20	256QAM	50	0	18.59	18.53	18.60		
20	256QAM	50	24	18.44	18.52	18.44	19.5	5
20	256QAM	50	50	18.46	18.53	18.60		
20	256QAM	100	0	18.54	18.50	18.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.61	23.62	23.48		
15	QPSK	1	37	23.52	23.45	23.27	24.5	0
15	QPSK	1	74	23.43	23.39	23.33		
15	QPSK	36	0	22.59	22.60	22.42		
15	QPSK	36	20	22.47	22.44	22.33	23.5	1
15	QPSK	36	39	22.47	22.42	22.29		
15	QPSK	75	0	22.54	22.62	22.28		
15	16QAM	1	0	22.85	22.82	22.49		
15	16QAM	1	37	22.86	22.64	22.54	23.5	1
15	16QAM	1	74	22.75	22.38	22.42		
15	16QAM	36	0	21.67	21.50	21.38		
15	16QAM	36	20	21.60	21.41	21.35	22.5	2
15	16QAM	36	39	21.53	21.39	21.31		
15	16QAM	75	0	21.63	21.43	21.32		
15	64QAM	1	0	21.81	21.67	21.50		
15	64QAM	1	37	21.76	21.64	21.44	22.5	2
15	64QAM	1	74	21.63	21.40	21.47		
15	64QAM	36	0	20.61	20.51	20.34		
15	64QAM	36	20	20.55	20.41	20.32	21.5	3
15	64QAM	36	39	20.55	20.35	20.24		
15	64QAM	75	0	20.59	20.47	20.25		
15	256QAM	1	0	18.52	18.67	18.61		
15	256QAM	1	37	18.56	18.54	18.54	19.5	5
15	256QAM	1	74	18.48	18.56	18.60		
15	256QAM	36	0	18.60	18.56	18.53		
15	256QAM	36	20	18.36	18.44	18.50	19.5	5
15	256QAM	36	39	18.40	18.57	18.67		
15	256QAM	75	0	18.57	18.47	18.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.64	23.65	23.40		
10	QPSK	1	25	23.56	23.45	23.24	24.5	0
10	QPSK	1	49	23.48	23.36	23.32		
10	QPSK	25	0	22.58	22.65	22.35		
10	QPSK	25	12	22.50	22.42	22.36	23.5	1
10	QPSK	25	25	22.43	22.36	22.27		
10	QPSK	50	0	22.60	22.58	22.35		
10	16QAM	1	0	22.89	22.80	22.52		
10	16QAM	1	25	22.81	22.64	22.51	23.5	1
10	16QAM	1	49	22.73	22.46	22.40		
10	16QAM	25	0	21.60	21.51	21.34		
10	16QAM	25	12	21.61	21.38	21.30	22.5	2
10	16QAM	25	25	21.56	21.33	21.28		
10	16QAM	50	0	21.61	21.45	21.26		
10	64QAM	1	0	21.86	21.61	21.43		
10	64QAM	1	25	21.81	21.62	21.43	22.5	2
10	64QAM	1	49	21.66	21.47	21.44		
10	64QAM	25	0	20.59	20.45	20.33		
10	64QAM	25	12	20.60	20.44	20.34	21.5	3
10	64QAM	25	25	20.56	20.41	20.23		
10	64QAM	50	0	20.55	20.44	20.28		
10	256QAM	1	0	18.56	18.64	18.48		
10	256QAM	1	25	18.60	18.61	18.67	19.5	5
10	256QAM	1	49	18.58	18.53	18.61		
10	256QAM	25	0	18.59	18.54	18.58		
10	256QAM	25	12	18.36	18.53	18.52	19.5	5
10	256QAM	25	25	18.48	18.51	18.58		
10	256QAM	50	0	18.48	18.42	18.45		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.63	23.64	23.46		
5	QPSK	1	12	23.57	23.46	23.29	24.5	0
5	QPSK	1	24	23.49	23.39	23.28		
5	QPSK	12	0	22.60	22.59	22.34		
5	QPSK	12	7	22.49	22.47	22.35	23.5	1
5	QPSK	12	13	22.42	22.36	22.33		
5	QPSK	25	0	22.60	22.59	22.34		
5	16QAM	1	0	22.94	22.77	22.49		
5	16QAM	1	12	22.81	22.67	22.46	23.5	1
5	16QAM	1	24	22.66	22.48	22.46		
5	16QAM	12	0	21.59	21.44	21.40		
5	16QAM	12	7	21.60	21.45	21.34	22.5	2
5	16QAM	12	13	21.53	21.37	21.29		
5	16QAM	25	0	21.62	21.42	21.32		
5	64QAM	1	0	21.84	21.58	21.48		
5	64QAM	1	12	21.79	21.55	21.43	22.5	2
5	64QAM	1	24	21.69	21.34	21.39		
5	64QAM	12	0	20.63	20.51	20.36		
5	64QAM	12	7	20.54	20.45	20.35	21.5	3
5	64QAM	12	13	20.60	20.43	20.24		
5	64QAM	25	0	20.60	20.39	20.29		
5	256QAM	1	0	18.63	18.58	18.47		
5	256QAM	1	12	18.48	18.61	18.65	19.5	5
5	256QAM	1	24	18.63	18.58	18.64		
5	256QAM	12	0	18.67	18.48	18.54		
5	256QAM	12	7	18.40	18.60	18.39	19.5	5
5	256QAM	12	13	18.51	18.45	18.58		
5	256QAM	25	0	18.52	18.53	18.55		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.61	23.63	23.44		
3	QPSK	1	8	23.58	23.49	23.27	24.5	0
3	QPSK	1	14	23.51	23.42	23.28		
3	QPSK	8	0	22.62	22.65	22.35		
3	QPSK	8	4	22.54	22.44	22.27	23.5	1
3	QPSK	8	7	22.46	22.41	22.31		
3	QPSK	15	0	22.55	22.61	22.33		
3	16QAM	1	0	22.90	22.78	22.49		
3	16QAM	1	8	22.88	22.65	22.52	23.5	1
3	16QAM	1	14	22.72	22.45	22.42		
3	16QAM	8	0	21.64	21.49	21.31		
3	16QAM	8	4	21.61	21.43	21.28	22.5	2
3	16QAM	8	7	21.55	21.40	21.29		
3	16QAM	15	0	21.63	21.42	21.28		
3	64QAM	1	0	21.81	21.65	21.49		
3	64QAM	1	8	21.79	21.56	21.49	22.5	2
3	64QAM	1	14	21.61	21.35	21.39		
3	64QAM	8	0	20.67	20.51	20.41		
3	64QAM	8	4	20.58	20.47	20.28	21.5	3
3	64QAM	8	7	20.59	20.43	20.25		
3	64QAM	15	0	20.62	20.43	20.29		
3	256QAM	1	0	18.60	18.60	18.53		
3	256QAM	1	8	18.49	18.64	18.67	19.5	5
3	256QAM	1	14	18.63	18.53	18.59		
3	256QAM	8	0	18.55	18.52	18.52		
3	256QAM	8	4	18.47	18.52	18.49	19.5	5
3	256QAM	8	7	18.49	18.46	18.55		
3	256QAM	15	0	18.46	18.50	18.49		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.67	23.71	23.44		
1.4	QPSK	1	3	23.58	23.49	23.25		
1.4	QPSK	1	5	23.52	23.40	23.37	24.5	0
1.4	QPSK	3	0	23.64	23.70	23.48		
1.4	QPSK	3	1	23.59	23.46	23.32		
1.4	QPSK	3	3	23.52	23.37	23.35		
1.4	QPSK	6	0	22.56	22.61	22.41	23.5	1
1.4	16QAM	1	0	22.54	22.45	22.43		
1.4	16QAM	1	3	22.47	22.45	22.44		
1.4	16QAM	1	5	22.58	22.61	22.44	23.5	1
1.4	16QAM	3	0	22.88	22.78	22.49		
1.4	16QAM	3	1	22.84	22.69	22.47		
1.4	16QAM	3	3	22.68	22.46	22.45		
1.4	16QAM	6	0	21.59	21.51	21.38	22.5	2
1.4	64QAM	1	0	21.63	21.46	21.51		
1.4	64QAM	1	3	21.61	21.39	21.39		
1.4	64QAM	1	5	21.54	21.45	21.40	22.5	2
1.4	64QAM	3	0	21.86	21.65	21.58		
1.4	64QAM	3	1	21.81	21.57	21.50		
1.4	64QAM	3	3	21.68	21.40	21.41		
1.4	64QAM	6	0	20.63	20.46	20.36	21.5	3
1.4	256QAM	1	0	18.51	18.52	18.49		
1.4	256QAM	1	3	18.54	18.64	18.65		
1.4	256QAM	1	5	18.49	18.50	18.57	19.5	5
1.4	256QAM	3	0	18.56	18.60	18.63		
1.4	256QAM	3	1	18.45	18.50	18.45		
1.4	256QAM	3	3	18.41	18.53	18.56		
1.4	256QAM	6	0	18.60	18.45	18.54	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.02	25.05	25.00		
20	QPSK	1	49	24.96	24.89	24.80	25.7	0
20	QPSK	1	99	25.00	24.89	24.97		
20	QPSK	50	0	24.00	24.02	23.95		
20	QPSK	50	24	23.96	23.90	23.84	24.7	1
20	QPSK	50	50	23.98	23.95	23.87		
20	QPSK	100	0	23.94	24.00	23.87		
20	16QAM	1	0	24.02	23.93	23.90		
20	16QAM	1	49	24.07	23.97	23.80	24.7	1
20	16QAM	1	99	24.04	23.95	23.90		
20	16QAM	50	0	22.99	22.91	22.84		
20	16QAM	50	24	22.99	22.92	22.84	23.7	2
20	16QAM	50	50	23.03	22.93	22.88		
20	16QAM	100	0	22.99	22.92	22.87		
20	64QAM	1	0	22.72	22.66	22.60		
20	64QAM	1	49	22.72	22.66	22.59	23.7	2
20	64QAM	1	99	22.74	22.65	22.62		
20	64QAM	50	0	21.99	21.90	21.84		
20	64QAM	50	24	21.97	21.88	21.82	22.7	3
20	64QAM	50	50	22.00	21.93	21.89		
20	64QAM	100	0	21.99	21.92	21.88		
20	256QAM	1	0	19.70	19.68	19.65		
20	256QAM	1	49	19.60	19.58	19.57	20.7	5
20	256QAM	1	99	19.49	19.52	19.44		
20	256QAM	50	0	19.87	19.82	19.76		
20	256QAM	50	24	19.86	19.78	19.86	20.7	5
20	256QAM	50	50	19.74	19.72	19.77		
20	256QAM	100	0	19.74	19.68	19.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.92	25.02	24.89		
15	QPSK	1	37	24.92	24.84	24.71	25.7	0
15	QPSK	1	74	24.96	24.83	24.87		
15	QPSK	36	0	23.90	23.94	23.88		
15	QPSK	36	20	23.88	23.82	23.73	24.7	1
15	QPSK	36	39	23.88	23.84	23.83		
15	QPSK	75	0	23.90	23.95	23.76		
15	16QAM	1	0	23.94	23.89	23.83		
15	16QAM	1	37	24.05	23.90	23.75	24.7	1
15	16QAM	1	74	24.00	23.88	23.82		
15	16QAM	36	0	22.94	22.85	22.77		
15	16QAM	36	20	22.93	22.82	22.82	23.7	2
15	16QAM	36	39	22.94	22.86	22.82		
15	16QAM	75	0	22.96	22.81	22.77		
15	64QAM	1	0	22.69	22.55	22.50		
15	64QAM	1	37	22.68	22.60	22.57	23.7	2
15	64QAM	1	74	22.71	22.54	22.54		
15	64QAM	36	0	21.89	21.82	21.78		
15	64QAM	36	20	21.92	21.79	21.76	22.7	3
15	64QAM	36	39	21.89	21.87	21.85		
15	64QAM	75	0	21.89	21.90	21.77		
15	256QAM	1	0	19.66	19.62	19.57		
15	256QAM	1	37	19.54	19.55	19.54	20.7	5
15	256QAM	1	74	19.54	19.48	19.49		
15	256QAM	36	0	19.95	19.86	19.82		
15	256QAM	36	20	19.90	19.75	19.81	20.7	5
15	256QAM	36	39	19.79	19.75	19.80		
15	256QAM	75	0	19.79	19.65	19.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.00	24.95	24.98		
10	QPSK	1	25	24.93	24.83	24.72	25.7	0
10	QPSK	1	49	24.92	24.81	24.88		
10	QPSK	25	0	23.97	23.92	23.90		
10	QPSK	25	12	23.93	23.85	23.80	24.7	1
10	QPSK	25	25	23.88	23.91	23.85		
10	QPSK	50	0	23.91	23.89	23.81		
10	16QAM	1	0	24.00	23.90	23.79		
10	16QAM	1	25	24.02	23.93	23.71	24.7	1
10	16QAM	1	49	23.93	23.91	23.83		
10	16QAM	25	0	22.94	22.88	22.82		
10	16QAM	25	12	22.91	22.84	22.82	23.7	2
10	16QAM	25	25	22.98	22.91	22.79		
10	16QAM	50	0	22.93	22.83	22.80		
10	64QAM	1	0	22.66	22.63	22.56		
10	64QAM	1	25	22.62	22.56	22.53	23.7	2
10	64QAM	1	49	22.67	22.56	22.52		
10	64QAM	25	0	21.94	21.82	21.74		
10	64QAM	25	12	21.87	21.77	21.76	22.7	3
10	64QAM	25	25	21.89	21.88	21.79		
10	64QAM	50	0	21.95	21.90	21.82		
10	256QAM	1	0	19.71	19.60	19.65		
10	256QAM	1	25	19.56	19.54	19.62	20.7	5
10	256QAM	1	49	19.49	19.51	19.40		
10	256QAM	25	0	19.80	19.85	19.69		
10	256QAM	25	12	19.78	19.81	19.82	20.7	5
10	256QAM	25	25	19.76	19.66	19.72		
10	256QAM	50	0	19.79	19.76	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.93	24.98	24.89		
5	QPSK	1	12	24.90	24.87	24.71	25.7	0
5	QPSK	1	24	24.91	24.86	24.88		
5	QPSK	12	0	23.91	23.93	23.92		
5	QPSK	12	7	23.92	23.80	23.73	24.7	1
5	QPSK	12	13	23.95	23.84	23.80		
5	QPSK	25	0	23.90	23.96	23.78		
5	16QAM	1	0	23.99	23.84	23.81		
5	16QAM	1	12	24.03	23.92	23.76	24.7	1
5	16QAM	1	24	23.98	23.93	23.88		
5	16QAM	12	0	22.92	22.86	22.73		
5	16QAM	12	7	22.91	22.83	22.74	23.7	2
5	16QAM	12	13	22.94	22.88	22.83		
5	16QAM	25	0	22.94	22.84	22.80		
5	64QAM	1	0	22.62	22.60	22.57		
5	64QAM	1	12	22.63	22.59	22.51	23.7	2
5	64QAM	1	24	22.64	22.55	22.55		
5	64QAM	12	0	21.96	21.81	21.79		
5	64QAM	12	7	21.94	21.82	21.77	22.7	3
5	64QAM	12	13	21.89	21.86	21.78		
5	64QAM	25	0	21.89	21.88	21.77		
5	256QAM	1	0	19.67	19.70	19.61		
5	256QAM	1	12	19.66	19.62	19.51	20.7	5
5	256QAM	1	24	19.54	19.59	19.41		
5	256QAM	12	0	19.87	19.79	19.75		
5	256QAM	12	7	19.90	19.75	19.90	20.7	5
5	256QAM	12	13	19.79	19.65	19.83		
5	256QAM	25	0	19.82	19.75	19.62		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.55	23.43		
20	QPSK	1	49	23.50	23.53	23.33	24.5	0
20	QPSK	1	99	23.50	23.52	23.39		
20	QPSK	50	0	22.54	22.56	22.45		
20	QPSK	50	24	22.53	22.45	22.35	23.5	1
20	QPSK	50	50	22.52	22.46	22.38		
20	QPSK	100	0	22.53	22.55	22.38		
20	16QAM	1	0	22.58	22.46	22.40		
20	16QAM	1	49	22.59	22.45	22.32	23.5	1
20	16QAM	1	99	22.57	22.46	22.38		
20	16QAM	50	0	21.54	21.45	21.36		
20	16QAM	50	24	21.53	21.44	21.34	22.5	2
20	16QAM	50	50	21.54	21.46	21.37		
20	16QAM	100	0	21.55	21.45	21.38		
20	64QAM	1	0	21.33	21.21	21.12		
20	64QAM	1	49	21.34	21.25	21.09	22.5	2
20	64QAM	1	99	21.25	21.17	21.13		
20	64QAM	50	0	20.52	20.44	20.35		
20	64QAM	50	24	20.51	20.43	20.33	21.5	3
20	64QAM	50	50	20.55	20.44	20.36		
20	64QAM	100	0	20.54	20.43	20.37		
20	256QAM	1	0	18.31	18.28	18.33		
20	256QAM	1	49	18.14	18.14	18.09	19.5	5
20	256QAM	1	99	18.04	18.06	18.01		
20	256QAM	50	0	18.36	18.41	18.42		
20	256QAM	50	24	18.30	18.36	18.36	19.5	5
20	256QAM	50	50	18.25	18.33	18.40		
20	256QAM	100	0	18.29	18.31	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.44	23.41		
15	QPSK	1	37	23.41	23.47	23.23	24.5	0
15	QPSK	1	74	23.44	23.47	23.31		
15	QPSK	36	0	22.43	22.51	22.35		
15	QPSK	36	20	22.47	22.35	22.33	23.5	1
15	QPSK	36	39	22.50	22.38	22.33		
15	QPSK	75	0	22.44	22.47	22.32		
15	16QAM	1	0	22.52	22.36	22.29		
15	16QAM	1	37	22.51	22.35	22.25	23.5	1
15	16QAM	1	74	22.50	22.41	22.33		
15	16QAM	36	0	21.43	21.34	21.29		
15	16QAM	36	20	21.45	21.35	21.25	22.5	2
15	16QAM	36	39	21.50	21.40	21.31		
15	16QAM	75	0	21.50	21.35	21.27		
15	64QAM	1	0	21.29	21.11	21.04		
15	64QAM	1	37	21.31	21.15	20.98	22.5	2
15	64QAM	1	74	21.17	21.15	21.05		
15	64QAM	36	0	20.47	20.33	20.30		
15	64QAM	36	20	20.48	20.34	20.31	21.5	3
15	64QAM	36	39	20.45	20.42	20.25		
15	64QAM	75	0	20.48	20.32	20.31		
15	256QAM	1	0	18.30	18.29	18.34		
15	256QAM	1	37	18.17	18.21	18.15	19.5	5
15	256QAM	1	74	18.09	18.07	18.00		
15	256QAM	36	0	18.43	18.33	18.49		
15	256QAM	36	20	18.30	18.33	18.33	19.5	5
15	256QAM	36	39	18.30	18.32	18.33		
15	256QAM	75	0	18.26	18.26	18.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.51	23.51	23.41		
10	QPSK	1	25	23.41	23.48	23.25	24.5	0
10	QPSK	1	49	23.41	23.45	23.35		
10	QPSK	25	0	22.52	22.45	22.43		
10	QPSK	25	12	22.43	22.35	22.33	23.5	1
10	QPSK	25	25	22.43	22.42	22.30		
10	QPSK	50	0	22.49	22.53	22.33		
10	16QAM	1	0	22.47	22.35	22.37		
10	16QAM	1	25	22.55	22.34	22.30	23.5	1
10	16QAM	1	49	22.51	22.40	22.27		
10	16QAM	25	0	21.49	21.42	21.25		
10	16QAM	25	12	21.44	21.40	21.29	22.5	2
10	16QAM	25	25	21.51	21.38	21.32		
10	16QAM	50	0	21.46	21.37	21.27		
10	64QAM	1	0	21.30	21.13	21.05		
10	64QAM	1	25	21.26	21.19	21.04	22.5	2
10	64QAM	1	49	21.15	21.11	21.04		
10	64QAM	25	0	20.47	20.35	20.33		
10	64QAM	25	12	20.47	20.32	20.29	21.5	3
10	64QAM	25	25	20.48	20.41	20.31		
10	64QAM	50	0	20.51	20.34	20.27		
10	256QAM	1	0	18.34	18.30	18.30		
10	256QAM	1	25	18.07	18.08	18.14	19.5	5
10	256QAM	1	49	18.07	18.05	18.09		
10	256QAM	25	0	18.39	18.33	18.42		
10	256QAM	25	12	18.34	18.37	18.32	19.5	5
10	256QAM	25	25	18.28	18.25	18.37		
10	256QAM	50	0	18.35	18.31	18.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.51	23.36		
5	QPSK	1	12	23.42	23.44	23.28	24.5	0
5	QPSK	1	24	23.46	23.45	23.31		
5	QPSK	12	0	22.49	22.46	22.34		
5	QPSK	12	7	22.50	22.43	22.24	23.5	1
5	QPSK	12	13	22.45	22.39	22.35		
5	QPSK	25	0	22.47	22.53	22.36		
5	16QAM	1	0	22.52	22.38	22.37		
5	16QAM	1	12	22.52	22.38	22.27	23.5	1
5	16QAM	1	24	22.47	22.41	22.32		
5	16QAM	12	0	21.51	21.35	21.28		
5	16QAM	12	7	21.43	21.36	21.23	22.5	2
5	16QAM	12	13	21.43	21.43	21.35		
5	16QAM	25	0	21.46	21.36	21.36		
5	64QAM	1	0	21.29	21.11	21.10		
5	64QAM	1	12	21.31	21.16	21.02	22.5	2
5	64QAM	1	24	21.21	21.08	21.05		
5	64QAM	12	0	20.46	20.34	20.33		
5	64QAM	12	7	20.45	20.35	20.22	21.5	3
5	64QAM	12	13	20.47	20.38	20.30		
5	64QAM	25	0	20.52	20.37	20.30		
5	256QAM	1	0	18.37	18.34	18.29		
5	256QAM	1	12	18.11	18.07	18.12	19.5	5
5	256QAM	1	24	17.98	18.02	17.98		
5	256QAM	12	0	18.32	18.34	18.34		
5	256QAM	12	7	18.32	18.36	18.34	19.5	5
5	256QAM	12	13	18.32	18.25	18.39		
5	256QAM	25	0	18.24	18.30	18.19		

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	22.67	22.71	22.62		
20	QPSK	1	49	22.54	22.60	22.54	23.2	0
20	QPSK	1	99	22.54	22.63	22.56		
20	QPSK	50	0	22.65	22.70	22.60		
20	QPSK	50	24	22.58	22.60	22.59	23.2	0
20	QPSK	50	50	22.54	22.60	22.52		
20	QPSK	100	0	22.63	22.67	22.58		
20	16QAM	1	0	22.64	22.66	22.53		
20	16QAM	1	49	22.55	22.61	22.49	23.2	0
20	16QAM	1	99	22.56	22.60	22.59		
20	16QAM	50	0	22.60	22.60	22.57		
20	16QAM	50	24	22.52	22.61	22.56	23.2	0
20	16QAM	50	50	22.52	22.69	22.47		
20	16QAM	100	0	22.61	22.64	22.48		
20	64QAM	1	0	22.56	22.61	22.46		
20	64QAM	1	49	22.59	22.58	22.52	23.2	0
20	64QAM	1	99	22.53	22.69	22.55		
20	64QAM	50	0	21.65	21.61	21.57		
20	64QAM	50	24	21.66	21.61	21.56	22.7	0.5
20	64QAM	50	50	21.70	21.64	21.58		
20	64QAM	100	0	21.69	21.61	21.60		
20	256QAM	1	0	19.31	19.28	19.20		
20	256QAM	1	49	19.24	19.25	19.29	20.7	2.5
20	256QAM	1	99	19.19	19.25	19.27		
20	256QAM	50	0	19.59	19.51	19.43		
20	256QAM	50	24	19.55	19.49	19.46	20.7	2.5
20	256QAM	50	50	19.41	19.47	19.47		
20	256QAM	100	0	19.48	19.45	19.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.57	22.62	22.55		
15	QPSK	1	37	22.58	22.68	22.45	23.2	0
15	QPSK	1	74	22.50	22.56	22.45		
15	QPSK	36	0	22.54	22.66	22.53		
15	QPSK	36	20	22.56	22.56	22.54	23.2	0
15	QPSK	36	39	22.61	22.68	22.58		
15	QPSK	75	0	22.50	22.65	22.47		
15	16QAM	1	0	22.61	22.55	22.59		
15	16QAM	1	37	22.62	22.61	22.54	23.2	0
15	16QAM	1	74	22.53	22.57	22.50		
15	16QAM	36	0	22.60	22.59	22.54		
15	16QAM	36	20	22.54	22.62	22.52	23.2	0
15	16QAM	36	39	22.61	22.69	22.49		
15	16QAM	75	0	22.60	22.63	22.59		
15	64QAM	1	0	22.59	22.67	22.52		
15	64QAM	1	37	22.59	22.57	22.46	23.2	0
15	64QAM	1	74	22.56	22.59	22.45		
15	64QAM	36	0	21.62	21.51	21.54		
15	64QAM	36	20	21.61	21.51	21.51	22.7	0.5
15	64QAM	36	39	21.59	21.55	21.55		
15	64QAM	75	0	21.67	21.57	21.58		
15	256QAM	1	0	19.30	19.30	19.18		
15	256QAM	1	37	19.22	19.23	19.24	20.7	2.5
15	256QAM	1	74	19.17	19.22	19.20		
15	256QAM	36	0	19.66	19.47	19.49		
15	256QAM	36	20	19.52	19.53	19.42	20.7	2.5
15	256QAM	36	39	19.46	19.40	19.42		
15	256QAM	75	0	19.54	19.40	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.52	22.59	22.54		
10	QPSK	1	25	22.63	22.69	22.57	23.2	0
10	QPSK	1	49	22.50	22.68	22.55		
10	QPSK	25	0	22.62	22.60	22.57		
10	QPSK	25	12	22.64	22.67	22.48	23.2	0
10	QPSK	25	25	22.57	22.65	22.51		
10	QPSK	50	0	22.63	22.57	22.56		
10	16QAM	1	0	22.61	22.66	22.55		
10	16QAM	1	25	22.52	22.61	22.52	23.2	0
10	16QAM	1	49	22.50	22.59	22.50		
10	16QAM	25	0	22.54	22.60	22.52		
10	16QAM	25	12	22.50	22.62	22.49	23.2	0
10	16QAM	25	25	22.57	22.62	22.49		
10	16QAM	50	0	22.50	22.55	22.54		
10	64QAM	1	0	22.52	22.61	22.57		
10	64QAM	1	25	22.56	22.66	22.47	23.2	0
10	64QAM	1	49	22.55	22.66	22.49		
10	64QAM	25	0	21.57	21.55	21.52		
10	64QAM	25	12	21.60	21.53	21.50	22.7	0.5
10	64QAM	25	25	21.59	21.58	21.55		
10	64QAM	50	0	21.63	21.51	21.50		
10	256QAM	1	0	19.28	19.28	19.13		
10	256QAM	1	25	19.31	19.28	19.25	20.7	2.5
10	256QAM	1	49	19.12	19.28	19.21		
10	256QAM	25	0	19.53	19.45	19.43		
10	256QAM	25	12	19.52	19.44	19.46	20.7	2.5
10	256QAM	25	25	19.47	19.51	19.53		
10	256QAM	50	0	19.53	19.51	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.56	22.52		
5	QPSK	1	12	22.62	22.59	22.52	23.2	0
5	QPSK	1	24	22.62	22.56	22.50		
5	QPSK	12	0	22.61	22.63	22.49		
5	QPSK	12	7	22.51	22.58	22.57	23.2	0
5	QPSK	12	13	22.56	22.57	22.59		
5	QPSK	25	0	22.62	22.63	22.56		
5	16QAM	1	0	22.53	22.55	22.56		
5	16QAM	1	12	22.57	22.66	22.55	23.2	0
5	16QAM	1	24	22.59	22.61	22.51		
5	16QAM	12	0	22.50	22.57	22.58		
5	16QAM	12	7	22.63	22.59	22.52	23.2	0
5	16QAM	12	13	22.54	22.63	22.47		
5	16QAM	25	0	22.53	22.55	22.50		
5	64QAM	1	0	22.61	22.67	22.59		
5	64QAM	1	12	22.64	22.61	22.47	23.2	0
5	64QAM	1	24	22.50	22.67	22.49		
5	64QAM	12	0	21.55	21.52	21.51		
5	64QAM	12	7	21.56	21.58	21.54	22.7	0.5
5	64QAM	12	13	21.60	21.57	21.53		
5	64QAM	25	0	21.65	21.58	21.57		
5	256QAM	1	0	19.33	19.31	19.21		
5	256QAM	1	12	19.17	19.28	19.29	20.7	2.5
5	256QAM	1	24	19.24	19.25	19.32		
5	256QAM	12	0	19.54	19.53	19.50		
5	256QAM	12	7	19.59	19.44	19.38	20.7	2.5
5	256QAM	12	13	19.35	19.54	19.53		
5	256QAM	25	0	19.40	19.40	19.58		

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Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.02	24.05	23.95	25	0
20	QPSK	1	49	24.01	23.99	23.79		
20	QPSK	1	99	23.91	24.00	23.88		
20	QPSK	50	0	22.95	22.98	22.92	24	1
20	QPSK	50	24	22.92	22.91	22.82		
20	QPSK	50	50	22.93	22.91	22.87		
20	QPSK	100	0	22.92	22.97	22.87		
20	16QAM	1	0	22.99	22.89	22.85	24	1
20	16QAM	1	49	23.00	22.94	22.81		
20	16QAM	1	99	23.00	22.92	22.91		
20	16QAM	50	0	21.93	21.90	21.85	23	2
20	16QAM	50	24	21.95	21.89	21.83		
20	16QAM	50	50	21.98	21.92	21.88		
20	16QAM	100	0	21.95	21.90	21.86		
20	64QAM	1	0	21.72	21.62	21.56	23	2
20	64QAM	1	49	21.69	21.70	21.54		
20	64QAM	1	99	21.79	21.63	21.63		
20	64QAM	50	0	20.93	20.88	20.83	22	3
20	64QAM	50	24	20.92	20.87	20.81		
20	64QAM	50	50	20.97	20.90	20.86		
20	64QAM	100	0	20.94	20.88	20.86		
20	256QAM	1	0	18.62	18.68	18.71	20	5
20	256QAM	1	49	18.47	18.54	18.58		
20	256QAM	1	99	18.54	18.51	18.58		
20	256QAM	50	0	18.86	18.79	18.84	20	5
20	256QAM	50	24	18.70	18.71	18.71		
20	256QAM	50	50	18.68	18.65	18.71		
20	256QAM	100	0	18.65	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.99	24.02	23.84	25	0
15	QPSK	1	37	23.95	23.94	23.70		
15	QPSK	1	74	23.80	23.89	23.82		
15	QPSK	36	0	22.93	22.95	22.84	24	1
15	QPSK	36	20	22.81	22.89	22.78		
15	QPSK	36	39	22.84	22.83	22.84		
15	QPSK	75	0	22.81	22.87	22.83		
15	16QAM	1	0	22.97	22.83	22.76	24	1
15	16QAM	1	37	22.94	22.89	22.71		
15	16QAM	1	74	22.90	22.84	22.88		
15	16QAM	36	0	21.89	21.83	21.75	23	2
15	16QAM	36	20	21.93	21.83	21.74		
15	16QAM	36	39	21.89	21.83	21.83		
15	16QAM	75	0	21.92	21.86	21.78		
15	64QAM	1	0	21.62	21.51	21.52	23	2
15	64QAM	1	37	21.58	21.63	21.43		
15	64QAM	1	74	21.72	21.59	21.58		
15	64QAM	36	0	20.87	20.80	20.77	22	3
15	64QAM	36	20	20.87	20.83	20.74		
15	64QAM	36	39	20.87	20.82	20.78		
15	64QAM	75	0	20.84	20.77	20.81		
15	256QAM	1	0	18.67	18.75	18.77	20	5
15	256QAM	1	37	18.42	18.52	18.51		
15	256QAM	1	74	18.47	18.50	18.58		
15	256QAM	36	0	18.81	18.71	18.77	20	5
15	256QAM	36	20	18.73	18.64	18.73		
15	256QAM	36	39	18.67	18.73	18.66		
15	256QAM	75	0	18.62	18.55	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.99	23.95	23.84	25	0
10	QPSK	1	25	23.98	23.95	23.69		
10	QPSK	1	49	23.84	23.91	23.85		
10	QPSK	25	0	22.92	22.89	22.83	24	1
10	QPSK	25	12	22.86	22.89	22.71		
10	QPSK	25	25	22.88	22.88	22.82		
10	QPSK	50	0	22.83	22.90	22.78		
10	16QAM	1	0	22.96	22.80	22.75	24	1
10	16QAM	1	25	22.91	22.89	22.78		
10	16QAM	1	49	22.98	22.88	22.89		
10	16QAM	25	0	21.83	21.83	21.83	23	2
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.95	21.82	21.78		
10	16QAM	50	0	21.85	21.79	21.75		
10	64QAM	1	0	21.63	21.52	21.48	23	2
10	64QAM	1	25	21.65	21.62	21.52		
10	64QAM	1	49	21.75	21.56	21.53		
10	64QAM	25	0	20.82	20.84	20.75	22	3
10	64QAM	25	12	20.83	20.85	20.74		
10	64QAM	25	25	20.95	20.86	20.84		
10	64QAM	50	0	20.90	20.81	20.78		
10	256QAM	1	0	18.57	18.63	18.63	20	5
10	256QAM	1	25	18.52	18.59	18.60		
10	256QAM	1	49	18.53	18.59	18.53		
10	256QAM	25	0	18.73	18.75	18.90	20	5
10	256QAM	25	12	18.71	18.74	18.78		
10	256QAM	25	25	18.68	18.67	18.70		
10	256QAM	50	0	18.67	18.60	18.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.97	23.97	23.88	25	0
5	QPSK	1	12	23.95	23.95	23.68		
5	QPSK	1	24	23.88	23.96	23.79		
5	QPSK	12	0	22.90	22.96	22.89	24	1
5	QPSK	12	7	22.89	22.82	22.77		
5	QPSK	12	13	22.86	22.85	22.81		
5	QPSK	25	0	22.84	22.90	22.82		
5	16QAM	1	0	22.88	22.81	22.78	24	1
5	16QAM	1	12	22.96	22.85	22.72		
5	16QAM	1	24	22.91	22.85	22.82		
5	16QAM	12	0	21.91	21.86	21.77	23	2
5	16QAM	12	7	21.93	21.81	21.75		
5	16QAM	12	13	21.92	21.84	21.77		
5	16QAM	25	0	21.85	21.79	21.84		
5	64QAM	1	0	21.61	21.60	21.47	23	2
5	64QAM	1	12	21.66	21.68	21.45		
5	64QAM	1	24	21.73	21.61	21.52		
5	64QAM	12	0	20.88	20.83	20.75	22	3
5	64QAM	12	7	20.90	20.76	20.75		
5	64QAM	12	13	20.88	20.85	20.79		
5	64QAM	25	0	20.89	20.86	20.80		
5	256QAM	1	0	18.62	18.65	18.64	20	5
5	256QAM	1	12	18.46	18.56	18.58		
5	256QAM	1	24	18.52	18.45	18.50		
5	256QAM	12	0	18.93	18.72	18.84	20	5
5	256QAM	12	7	18.78	18.70	18.67		
5	256QAM	12	13	18.66	18.66	18.77		
5	256QAM	25	0	18.59	18.64	18.71		

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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	25.21	25.25	25.20	24.95	24.91	25.7	0
20	QPSK	1	49	25.20	25.02	25.18	24.92	24.81		
20	QPSK	1	99	25.20	25.14	25.16	24.92	24.90		
20	QPSK	50	0	24.15	24.20	24.18	23.93	23.95	24.7	1
20	QPSK	50	24	24.13	24.02	24.17	23.85	23.86		
20	QPSK	50	50	24.08	24.02	24.13	23.87	23.94		
20	QPSK	100	0	24.17	24.18	24.15	23.87	23.88		
20	16QAM	1	0	24.19	24.04	24.09	23.81	23.81	24.7	1
20	16QAM	1	49	24.22	24.11	24.18	23.91	23.89		
20	16QAM	1	99	24.19	24.03	24.25	23.93	24.04		
20	16QAM	50	0	23.13	23.02	23.16	22.83	22.81	23.7	2
20	16QAM	50	24	23.11	23.02	23.18	22.85	22.87		
20	16QAM	50	50	23.18	23.02	23.23	22.86	22.95		
20	16QAM	100	0	23.16	22.98	23.19	22.85	22.88		
20	64QAM	1	0	22.90	22.76	22.83	22.58	22.53	23.7	2
20	64QAM	1	49	22.90	22.78	22.87	22.67	22.61		
20	64QAM	1	99	22.89	22.73	22.95	22.67	22.75		
20	64QAM	50	0	22.14	22.01	22.15	21.83	21.79	22.7	3
20	64QAM	50	24	22.13	22.00	22.17	21.85	21.87		
20	64QAM	50	50	22.18	22.00	22.21	21.86	21.95		
20	64QAM	100	0	22.17	21.99	22.17	21.86	21.89		
20	256QAM	1	0	19.73	19.73	19.66	19.76	19.75	20.7	5
20	256QAM	1	49	19.68	19.67	19.74	19.71	19.66		
20	256QAM	1	99	19.56	19.56	19.56	19.56	19.53		
20	256QAM	50	0	19.94	19.92	20.00	19.92	19.96	20.7	5
20	256QAM	50	24	19.87	19.88	19.94	19.90	19.86		
20	256QAM	50	50	19.84	19.79	19.81	19.81	19.73		
20	256QAM	100	0	19.77	19.83	19.82	19.88	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	25.17	25.14	25.16	24.86	24.83	25.7	0
15	QPSK	1	37	25.10	25.11	24.98	24.85	24.73		
15	QPSK	1	74	25.10	25.12	25.10	24.88	24.87		
15	QPSK	36	0	24.10	24.16	24.15	23.87	23.84	24.7	1
15	QPSK	36	20	24.02	24.13	23.98	23.83	23.81		
15	QPSK	36	39	24.03	24.09	23.91	23.77	23.89		
15	QPSK	75	0	24.09	24.06	24.14	23.85	23.83		
15	16QAM	1	0	24.09	24.04	23.95	23.77	23.74	24.7	1
15	16QAM	1	37	24.12	24.07	24.07	23.84	23.79		
15	16QAM	1	74	24.09	24.18	23.93	23.87	23.97		
15	16QAM	36	0	23.07	23.06	22.94	22.78	22.73	23.7	2
15	16QAM	36	20	23.04	23.08	22.95	22.83	22.82		
15	16QAM	36	39	23.12	23.13	22.94	22.79	22.92		
15	16QAM	75	0	23.11	23.14	22.94	22.80	22.80		
15	64QAM	1	0	22.84	22.81	22.68	22.51	22.44	23.7	2
15	64QAM	1	37	22.85	22.82	22.76	22.65	22.50		
15	64QAM	1	74	22.83	22.93	22.82	22.56	22.66		
15	64QAM	36	0	22.08	22.08	21.96	21.80	21.71	22.7	3
15	64QAM	36	20	22.07	22.09	21.93	21.82	21.83		
15	64QAM	36	39	22.12	22.10	21.91	21.84	21.88		
15	64QAM	75	0	22.13	22.15	21.89	21.84	21.79		
15	256QAM	1	0	19.77	19.72	19.72	19.84	19.76	20.7	5
15	256QAM	1	37	19.63	19.67	19.69	19.64	19.73		
15	256QAM	1	74	19.49	19.50	19.60	19.59	19.54		
15	256QAM	36	0	19.91	19.99	20.00	19.91	20.02	20.7	5
15	256QAM	36	20	19.83	20.00	19.92	19.98	19.93		
15	256QAM	36	39	19.78	19.88	19.83	19.80	19.75		
15	256QAM	75	0	19.82	19.80	19.78	19.93	19.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.16	25.12	25.19	24.89	24.83	25.7	0
10	QPSK	1	25	25.14	25.15	24.95	24.89	24.76		
10	QPSK	1	49	25.13	25.08	25.04	24.87	24.81		
10	QPSK	25	0	24.12	24.11	24.16	23.86	23.86	24.7	1
10	QPSK	25	12	24.05	24.07	23.93	23.75	23.76		
10	QPSK	25	25	23.97	24.08	23.95	23.77	23.88		
10	QPSK	50	0	24.08	24.06	24.07	23.85	23.82		
10	16QAM	1	0	24.14	24.04	24.00	23.73	23.78	24.7	1
10	16QAM	1	25	24.12	24.10	24.05	23.88	23.79		
10	16QAM	1	49	24.10	24.14	23.95	23.90	23.99		
10	16QAM	25	0	23.10	23.09	22.92	22.79	22.77	23.7	2
10	16QAM	25	12	23.07	23.15	23.00	22.83	22.77		
10	16QAM	25	25	23.12	23.12	22.91	22.80	22.86		
10	16QAM	50	0	23.08	23.15	22.96	22.74	22.85		
10	64QAM	1	0	22.81	22.77	22.74	22.49	22.42	23.7	2
10	64QAM	1	25	22.81	22.77	22.68	22.57	22.53		
10	64QAM	1	49	22.79	22.90	22.70	22.57	22.68		
10	64QAM	25	0	22.09	22.06	21.96	21.77	21.73	22.7	3
10	64QAM	25	12	22.06	22.11	21.97	21.76	21.83		
10	64QAM	25	25	22.14	22.13	21.95	21.78	21.91		
10	64QAM	50	0	22.08	22.12	21.89	21.81	21.82		
10	256QAM	1	0	19.73	19.69	19.74	19.72	19.68	20.7	5
10	256QAM	1	25	19.70	19.81	19.74	19.75	19.58		
10	256QAM	1	49	19.62	19.55	19.48	19.51	19.50		
10	256QAM	25	0	19.96	20.00	19.84	19.97	19.89	20.7	5
10	256QAM	25	12	19.79	19.87	19.92	19.82	19.87		
10	256QAM	25	25	19.86	19.78	19.74	19.81	19.73		
10	256QAM	50	0	19.75	19.79	19.83	19.89	19.84		
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	25.16	25.15	25.21	24.93	24.84	25.7	0
5	QPSK	1	12	25.11	25.07	24.94	24.85	24.74		
5	QPSK	1	24	25.12	25.12	25.11	24.81	24.82		
5	QPSK	12	0	24.08	24.13	24.09	23.83	23.84	24.7	1
5	QPSK	12	7	24.10	24.15	23.95	23.81	23.80		
5	QPSK	12	13	23.99	24.04	23.98	23.79	23.89		
5	QPSK	25	0	24.10	24.05	24.08	23.83	23.77		
5	16QAM	1	0	24.14	24.06	23.95	23.72	23.76	24.7	1
5	16QAM	1	12	24.18	24.13	24.00	23.84	23.85		
5	16QAM	1	24	24.15	24.16	23.92	23.89	23.96		
5	16QAM	12	0	23.04	23.05	22.92	22.75	22.77	23.7	2
5	16QAM	12	7	23.06	23.09	22.91	22.74	22.81		
5	16QAM	12	13	23.07	23.21	22.99	22.79	22.84		
5	16QAM	25	0	23.12	23.15	22.94	22.83	22.78		
5	64QAM	1	0	22.88	22.77	22.71	22.48	22.48	23.7	2
5	64QAM	1	12	22.86	22.81	22.73	22.56	22.55		
5	64QAM	1	24	22.86	22.88	22.66	22.63	22.64		
5	64QAM	12	0	22.09	22.07	21.99	21.75	21.75	22.7	3
5	64QAM	12	7	22.04	22.06	21.91	21.75	21.77		
5	64QAM	12	13	22.08	22.14	21.96	21.80	21.84		
5	64QAM	25	0	22.07	22.14	21.96	21.83	21.82		
5	256QAM	1	0	19.80	19.64	19.70	19.81	19.74	20.7	5
5	256QAM	1	12	19.64	19.73	19.66	19.74	19.69		
5	256QAM	1	24	19.48	19.63	19.56	19.64	19.55		
5	256QAM	12	0	19.97	20.00	19.85	19.99	19.98	20.7	5
5	256QAM	12	7	19.91	19.89	19.93	19.93	19.78		
5	256QAM	12	13	19.81	19.84	19.76	19.83	19.76		
5	256QAM	25	0	19.79	19.86	19.91	19.88	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.98	23.57	23.33	23.10	25	0
20	QPSK	1	49	23.80	23.96	23.53	23.28	23.02		
20	QPSK	1	99	23.82	23.82	23.54	23.31	23.09		
20	QPSK	50	0	22.81	22.93	22.57	22.30	22.15	24	1
20	QPSK	50	24	22.80	22.87	22.56	22.27	22.14		
20	QPSK	50	50	22.78	22.91	22.52	22.28	22.10		
20	QPSK	100	0	22.82	22.91	22.53	22.26	22.16		
20	16QAM	1	0	22.78	22.95	22.59	22.26	22.09	24	1
20	16QAM	1	49	22.85	22.92	22.59	22.34	22.12		
20	16QAM	1	99	22.85	22.90	22.51	22.30	22.30		
20	16QAM	50	0	21.80	21.90	21.57	21.25	21.10	23	2
20	16QAM	50	24	21.79	21.88	21.56	21.27	21.12		
20	16QAM	50	50	21.85	21.92	21.54	21.27	21.21		
20	16QAM	100	0	21.80	21.90	21.51	21.27	21.16		
20	64QAM	1	0	21.54	21.64	21.33	21.00	21.08	23	2
20	64QAM	1	49	21.53	21.64	21.33	21.08	21.05		
20	64QAM	1	99	21.60	21.61	21.27	21.03	21.01		
20	64QAM	50	0	20.80	20.87	20.57	20.25	20.10	22	3
20	64QAM	50	24	20.81	20.87	20.53	20.25	20.14		
20	64QAM	50	50	20.84	20.92	20.51	20.27	20.22		
20	64QAM	100	0	20.82	20.89	20.51	20.26	20.17		
20	256QAM	1	0	18.51	18.52	18.05	18.06	18.05	20	5
20	256QAM	1	49	18.44	18.47	18.03	18.03	18.03		
20	256QAM	1	99	18.45	18.45	18.09	18.03	18.02		
20	256QAM	50	0	18.70	18.71	18.29	18.12	18.05	20	5
20	256QAM	50	24	18.75	18.73	18.40	18.17	18.10		
20	256QAM	50	50	18.78	18.75	18.38	18.22	18.09		
20	256QAM	100	0	18.64	18.68	18.24	18.07	18.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.91	23.78	23.48	23.29	23.06	25	0
15	QPSK	1	37	23.88	23.71	23.45	23.17	23.05		
15	QPSK	1	74	23.79	23.74	23.45	23.23	23.00		
15	QPSK	36	0	22.84	22.74	22.54	22.23	22.09	24	1
15	QPSK	36	20	22.76	22.75	22.47	22.24	22.09		
15	QPSK	36	39	22.84	22.74	22.41	22.22	22.00		
15	QPSK	75	0	22.82	22.75	22.44	22.15	22.08		
15	16QAM	1	0	22.86	22.75	22.51	22.21	22.00	24	1
15	16QAM	1	37	22.88	22.83	22.57	22.28	22.09		
15	16QAM	1	74	22.87	22.82	22.43	22.25	22.27		
15	16QAM	36	0	21.85	21.75	21.53	21.15	21.08	23	2
15	16QAM	36	20	21.84	21.74	21.51	21.24	21.07		
15	16QAM	36	39	21.90	21.80	21.46	21.16	21.16		
15	16QAM	75	0	21.84	21.70	21.43	21.23	21.06		
15	64QAM	1	0	21.55	21.46	21.28	21.05	21.03	23	2
15	64QAM	1	37	21.59	21.51	21.28	21.01	21.05		
15	64QAM	1	74	21.55	21.53	21.18	21.06	21.04		
15	64QAM	36	0	20.82	20.73	20.46	20.19	20.06	22	3
15	64QAM	36	20	20.82	20.75	20.43	20.20	20.07		
15	64QAM	36	39	20.84	20.75	20.43	20.23	20.13		
15	64QAM	75	0	20.84	20.72	20.45	20.16	20.12		
15	256QAM	1	0	18.47	18.56	18.06	18.02	18.05	20	5
15	256QAM	1	37	18.45	18.41	18.00	18.05	18.04		
15	256QAM	1	74	18.52	18.42	18.06	18.06	18.06		
15	256QAM	36	0	18.76	18.63	18.37	18.12	18.05	20	5
15	256QAM	36	20	18.78	18.68	18.32	18.23	18.06		
15	256QAM	36	39	18.81	18.79	18.31	18.25	18.04		
15	256QAM	75	0	18.71	18.59	18.24	18.06	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	23.82	23.54	23.30	23.04	25	0
10	QPSK	1	25	23.92	23.76	23.44	23.19	23.05		
10	QPSK	1	49	23.73	23.73	23.48	23.28	23.04		
10	QPSK	25	0	22.91	22.75	22.51	22.28	22.07	24	1
10	QPSK	25	12	22.80	22.72	22.48	22.24	22.12		
10	QPSK	25	25	22.87	22.74	22.43	22.24	22.08		
10	QPSK	50	0	22.81	22.75	22.50	22.23	22.05		
10	16QAM	1	0	22.92	22.68	22.50	22.23	22.01	24	1
10	16QAM	1	25	22.84	22.82	22.48	22.28	22.09		
10	16QAM	1	49	22.82	22.80	22.45	22.23	22.22		
10	16QAM	25	0	21.81	21.77	21.52	21.23	21.06	23	2
10	16QAM	25	12	21.85	21.76	21.51	21.21	21.06		
10	16QAM	25	25	21.83	21.81	21.45	21.25	21.18		
10	16QAM	50	0	21.79	21.71	21.42	21.22	21.12		
10	64QAM	1	0	21.62	21.49	21.22	21.06	21.03	23	2
10	64QAM	1	25	21.58	21.42	21.26	21.04	21.02		
10	64QAM	1	49	21.52

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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	22.65	22.80	22.71	22.60	22.70	23.2	0
20	QPSK	1	49	22.59	22.69	22.57	22.44	22.52		
20	QPSK	1	99	22.60	22.73	22.68	22.57	22.56		
20	QPSK	50	0	22.63	22.78	22.70	22.58	22.67	23.2	0
20	QPSK	50	24	22.49	22.72	22.58	22.43	22.66		
20	QPSK	50	50	22.57	22.76	22.68	22.55	22.59		
20	QPSK	100	0	22.62	22.76	22.68	22.56	22.63		
20	16QAM	1	0	22.55	22.76	22.56	22.54	22.52	23.2	0
20	16QAM	1	49	22.55	22.70	22.60	22.51	22.58		
20	16QAM	1	99	22.53	22.71	22.69	22.43	22.55		
20	16QAM	50	0	22.60	22.71	22.57	22.49	22.62	23.2	0
20	16QAM	50	24	22.51	22.73	22.58	22.54	22.64		
20	16QAM	50	50	22.62	22.75	22.69	22.55	22.62		
20	16QAM	100	0	22.59	22.70	22.66	22.47	22.56		
20	64QAM	1	0	22.57	22.71	22.61	22.44	22.66	23.2	0
20	64QAM	1	49	22.52	22.71	22.65	22.49	22.66		
20	64QAM	1	99	22.52	22.77	22.64	22.49	22.64		
20	64QAM	50	0	21.67	21.73	21.73	21.53	21.52	22.7	0.5
20	64QAM	50	24	21.66	21.78	21.73	21.55	21.57		
20	64QAM	50	50	21.69	21.83	21.72	21.57	21.66		
20	64QAM	100	0	21.69	21.78	21.70	21.56	21.61		
20	256QAM	1	0	19.15	19.30	19.14	19.17	19.08	20.7	2.5
20	256QAM	1	49	19.03	19.26	19.05	19.09	19.08		
20	256QAM	1	99	18.97	19.20	18.99	19.13	19.05		
20	256QAM	50	0	19.30	19.53	19.30	19.31	19.44	20.7	2.5
20	256QAM	50	24	19.26	19.48	19.30	19.28	19.26		
20	256QAM	50	50	19.33	19.46	19.30	19.30	19.24		
20	256QAM	100	0	19.33	19.43	19.27	19.27	19.29		
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	22.51	22.66	22.63	22.51	22.66	23.2	0
15	QPSK	1	37	22.60	22.73	22.65	22.46	22.53		
15	QPSK	1	74	22.53	22.68	22.59	22.52	22.66		
15	QPSK	36	0	22.52	22.75	22.59	22.47	22.57	23.2	0
15	QPSK	36	20	22.50	22.64	22.58	22.52	22.56		
15	QPSK	36	39	22.54	22.74	22.55	22.45	22.56		
15	QPSK	75	0	22.50	22.65	22.69	22.45	22.63		
15	16QAM	1	0	22.57	22.70	22.63	22.53	22.52	23.2	0
15	16QAM	1	37	22.57	22.77	22.66	22.49	22.61		
15	16QAM	1	74	22.50	22.73	22.64	22.50	22.52		
15	16QAM	36	0	22.61	22.66	22.60	22.44	22.54	23.2	0
15	16QAM	36	20	22.60	22.65	22.57	22.46	22.64		
15	16QAM	36	39	22.50	22.70	22.68	22.55	22.56		
15	16QAM	75	0	22.62	22.75	22.66	22.52	22.55		
15	64QAM	1	0	22.61	22.76	22.63	22.48	22.52	23.2	0
15	64QAM	1	37	22.54	22.77	22.58	22.46	22.59		
15	64QAM	1	74	22.57	22.71	22.56	22.47	22.65		
15	64QAM	36	0	21.56	21.62	21.69	21.46	21.43	22.7	0.5
15	64QAM	36	20	21.55	21.75	21.71	21.45	21.55		
15	64QAM	36	39	21.62	21.78	21.67	21.50	21.56		
15	64QAM	75	0	21.63	21.76	21.63	21.51	21.56		
15	256QAM	1	0	19.15	19.37	19.12	19.24	19.05	20.7	2.5
15	256QAM	1	37	19.11	19.23	18.97	19.12	19.00		
15	256QAM	1	74	19.04	19.24	19.05	19.15	19.02		
15	256QAM	36	0	19.29	19.47	19.29	19.28	19.41	20.7	2.5
15	256QAM	36	20	19.22	19.52	19.26	19.22	19.30		
15	256QAM	36	39	19.27	19.41	19.36	19.23	19.24		
15	256QAM	75	0	19.33	19.47	19.26	19.19	19.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.58	22.68	22.57	22.54	22.53	23.2	0
10	QPSK	1	25	22.56	22.73	22.59	22.53	22.62		
10	QPSK	1	49	22.51	22.77	22.60	22.51	22.64		
10	QPSK	25	0	22.62	22.67	22.55	22.49	22.54	23.2	0
10	QPSK	25	12	22.49	22.76	22.66	22.57	22.54		
10	QPSK	25	25	22.62	22.76	22.65	22.46	22.60		
10	QPSK	50	0	22.52	22.77	22.57	22.43	22.61		
10	16QAM	1	0	22.60	22.70	22.63	22.54	22.65	23.2	0
10	16QAM	1	25	22.52	22.74	22.68	22.45	22.54		
10	16QAM	1	49	22.50	22.71	22.65	22.44	22.61		
10	16QAM	25	0	22.48	22.69	22.67	22.55	22.61	23.2	0
10	16QAM	25	12	22.49	22.69	22.62	22.48	22.58		
10	16QAM	25	25	22.61	22.71	22.61	22.51	22.59		
10	16QAM	50	0	22.54	22.72	22.62	22.57	22.62		
10	64QAM	1	0	22.54	22.73	22.69	22.56	22.63	23.2	0
10	64QAM	1	25	22.60	22.73	22.65	22.51	22.57		
10	64QAM	1	49	22.49	22.77	22.68	22.49	22.54		
10	64QAM	25	0	21.59	21.62	21.68	21.45	21.46	22.7	0.5
10	64QAM	25	12	21.59	21.73	21.70	21.47	21.53		
10	64QAM	25	25	21.58	21.80	21.65	21.50	21.62		
10	64QAM	50	0	21.60	21.72	21.64	21.51	21.55		
10	256QAM	1	0	19.12	19.29	19.07	19.12	19.06	20.7	2.5
10	256QAM	1	25	18.97	19.28	19.13	19.02	19.00		
10	256QAM	1	49	18.97	19.26	18.98	19.16	18.99		
10	256QAM	25	0	19.28	19.47	19.36	19.23	19.50	20.7	2.5
10	256QAM	25	12	19.24	19.51	19.38	19.35	19.32		
10	256QAM	25	25	19.31	19.48	19.35	19.29	19.26		
10	256QAM	50	0	19.33	19.47	19.25	19.24	19.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.62	22.66	22.57	22.55	22.52	23.2	0
5	QPSK	1	12	22.59	22.68	22.63	22.53	22.59		
5	QPSK	1	24	22.60	22.73	22.61	22.51	22.54		
5	QPSK	12	0	22.49	22.66	22.55	22.55	22.52	23.2	0
5	QPSK	12	7	22.53	22.75	22.68	22.44	22.55		
5	QPSK	12	13	22.59	22.68	22.64	22.50	22.56		
5	QPSK	25	0	22.49	22.71	22.61	22.49	22.54		
5	16QAM	1	0	22.58	22.66	22.68	22.45	22.62	23.2	0
5	16QAM	1	12	22.60	22.72	22.59	22.54	22.64		
5	16QAM	1	24	22.60	22.77	22.64	22.45	22.54		
5	16QAM	12	0	22.59	22.68	22.63	22.46	22.64	23.2	0
5	16QAM	12	7	22.50	22.65	22.67	22.51	22.66		
5	16QAM	12	13	22.52	22.70	22.64	22.43	22.57		
5	16QAM	25	0	22.59	22.71	22.61	22.47	22.66		
5	64QAM	1	0	22.52	22.77	22.61	22.43	22.54	23.2	0
5	64QAM	1	12	22.57	22.63	22.67	22.56	22.54		
5	64QAM	1	24	22.50	22.64	22.63	22.57	22.58		
5	64QAM	12	0	21.62	21.65	21.68	21.50	21.42	22.7	0.5
5	64QAM	12	7	21.58	21.72	21.66	21.49	21.46		
5	64QAM	12	13	21.62	21.77	21.70	21.52	21.61		
5	64QAM	25	0	21.63	21.69	21.60	21.49	21.56		
5	256QAM	1	0	19.23	19.33	19.22	19.15	19.10	20.7	2.5
5	256QAM	1	12	19.05	19.22	18.99	19.02	19.15		
5	256QAM	1	24	18.99	19.17	19.07	19.15	19.10		
5	256QAM	12	0	19.22	19.53	19.27	19.32	19.38	20.7	2.5
5	256QAM	12	7	19.28	19.47	19.29	19.31	19.22		
5	256QAM	12	13	19.28	19.53	19.27	19.23	19.23		
5	256QAM	25	0	19.37	19.44	19.19	19.24	19.35		

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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	24.15	24.38	24.08	23.90	23.81	25.5	0
20	QPSK	1	49	24.11	24.34	24.06	23.88	23.78		
20	QPSK	1	99	24.12	24.36	23.94	23.88	23.80		
20	QPSK	50	0	23.20	23.33	23.02	22.88	22.86	24.5	1
20	QPSK	50	24	23.15	23.24	23.01	22.85	22.85		
20	QPSK	50	50	23.18	23.30	22.99	22.87	22.84		
20	QPSK	100	0	23.17	23.31	22.98	22.87	22.87		
20	16QAM	1	0	23.13	23.32	23.03	22.83	22.89	24.5	1
20	16QAM	1	49	23.18	23.28	23.03	22.90	22.88		
20	16QAM	1	99	23.24	23.28	22.96	22.93	23.02		
20	16QAM	50	0	22.16	22.22	21.99	21.87	21.86	23.5	2
20	16QAM	50	24	22.16	22.27	22.01	21.87	21.84		
20	16QAM	50	50	22.23	22.32	21.98	21.87	21.91		
20	16QAM	100	0	22.16	22.27	21.96	21.85	21.87		
20	64QAM	1	0	21.89	22.04	21.78	21.66	21.62	23.5	2
20	64QAM	1	49	21.93	22.02	21.75	21.64	21.65		
20	64QAM	1	99	21.95	22.11	21.68	21.64	21.72		
20	64QAM	50	0	21.15	21.25	20.99	20.89	20.86	22.5	3
20	64QAM	50	24	21.13	21.26	20.99	20.86	20.85		
20	64QAM	50	50	21.18	21.33	20.98	20.85	20.93		
20	64QAM	100	0	21.14	21.30	20.96	20.87	20.88		
20	256QAM	1	0	18.72	18.78	18.80	18.79	18.74	20.5	5
20	256QAM	1	49	18.77	18.72	18.79	18.75	18.79		
20	256QAM	1	99	18.68	18.75	18.82	18.71	18.75		
20	256QAM	50	0	18.98	18.93	18.90	18.90	18.98	20.5	5
20	256QAM	50	24	18.90	18.98	18.93	18.95	18.93		
20	256QAM	50	50	19.10	19.02	19.04	19.10	18.98		
20	256QAM	100	0	18.96	18.98	18.94	19.05	18.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.31	24.11	23.97	23.80	23.73	25.5	0
15	QPSK	1	37	24.29	24.00	23.97	23.82	23.74		
15	QPSK	1	74	24.34	24.06	23.92	23.83	23.74		
15	QPSK	36	0	23.27	23.11	22.93	22.84	22.81	24.5	1
15	QPSK	36	20	23.14	23.09	22.90	22.81	22.75		
15	QPSK	36	39	23.22	23.11	22.89	22.80	22.74		
15	QPSK	75	0	23.25	23.07	22.90	22.82	22.79		
15	16QAM	1	0	23.27	23.07	22.93	22.81	22.83	24.5	1
15	16QAM	1	37	23.20	23.08	22.97	22.80	22.79		
15	16QAM	1	74	23.21	23.19	22.86	22.85	22.91		
15	16QAM	36	0	22.20	22.14	21.94	21.77	21.84	23.5	2
15	16QAM	36	20	22.20	22.10	21.98	21.76	21.76		
15	16QAM	36	39	22.28	22.14	21.92	21.83	21.86		
15	16QAM	75	0	22.22	22.13	21.90	21.79	21.85		
15	64QAM	1	0	22.02	21.79	21.75	21.63	21.55	23.5	2
15	64QAM	1	37	21.98	21.88	21.69	21.59	21.61		
15	64QAM	1	74	22.07	21.89	21.58	21.60	21.69		
15	64QAM	36	0	21.15	21.08	20.88	20.82	20.80	22.5	3
15	64QAM	36	20	21.23	21.05	20.93	20.80	20.82		
15	64QAM	36	39	21.23	21.11	20.96	20.74	20.91		
15	64QAM	75	0	21.26	21.11	20.88	20.83	20.82		
15	256QAM	1	0	18.86	18.69	18.74	18.75	18.67	20.5	5
15	256QAM	1	37	18.76	18.77	18.75	18.74	18.72		
15	256QAM	1	74	18.71	18.69	18.90	18.79	18.73		
15	256QAM	36	0	19.01	19.00	18.89	18.98	19.01	20.5	5
15	256QAM	36	20	18.91	18.91	19.00	18.96	18.87		
15	256QAM	36	39	18.97	19.02	19.05	19.12	18.92		
15	256QAM	75	0	18.92	18.95	18.96	18.97	19.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.34	24.10	23.99	23.84	23.75	25.5	0
10	QPSK	1	25	24.26	24.06	23.98	23.79	23.73		
10	QPSK	1	49	24.34	24.04	23.92	23.81	23.71		
10	QPSK	25	0	23.25	23.10	22.99	22.85	22.84	24.5	1
10	QPSK	25	12	23.20	23.10	22.95	22.82	22.82		
10	QPSK	25	25	23.27	23.11	22.96	22.78	22.80		
10	QPSK	50	0	23.24	23.09	22.89	22.79	22.81		
10	16QAM	1	0	23.29	23.08	22.95	22.79	22.81	24.5	1
10	16QAM	1	25	23.23	23.11	22.92	22.85	22.78		
10	16QAM	1	49	23.21	23.18	22.87	22.85	22.96		
10	16QAM	25	0	22.12	22.10	21.89	21.80	21.81	23.5	2
10	16QAM	25	12	22.23	22.14	21.93	21.83	21.77		
10	16QAM	25	25	22.26	22.19	21.91	21.84	21.80		
10	16QAM	50	0	22.19	22.05	21.92	21.83	21.80		
10	64QAM	1	0	21.96	21.82	21.74	21.56	21.57	23.5	2
10	64QAM	1	25	21.98	21.90	21.68	21.61	21.57		
10	64QAM	1	49	22.05	21.85	21.57	21.56	21.62		
10	64QAM	25	0	21.21	21.11	20.91	20.86	20.79	22.5	3
10	64QAM	25	12	21.15	21.03	20.96	20.84	20.79		
10	64QAM	25	25	21.30	21.15	20.88	20.74	20.86		
10	64QAM	50	0	21.21	21.06	20.94	20.82	20.78		
10	256QAM	1	0	18.82	18.67	18.74	18.78	18.77	20.5	5
10	256QAM	1	25	18.72	18.78	18.76	18.70	18.78		
10	256QAM	1	49	18.82	18.76	18.87	18.76	18.78		
10	256QAM	25	0	18.92	19.06	18.95	18.95	18.98	20.5	5
10	256QAM	25	12	18.96	18.87	18.98	18.95	19.00		
10	256QAM	25	25	18.96	19.15	19.04	19.06	18.98		
10	256QAM	50	0	18.91	18.98	18.95	19.09	18.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.28	24.06	24.02	23.88	23.74	25.5	0
5	QPSK	1	12	24.24	24.01	23.99	23.82	23.75		
5	QPSK	1	24	24.33	24.04	23.89	23.80	23.70		
5	QPSK	12	0	23.28	23.14	22.95	22.77	22.75	24.5	1
5	QPSK	12	7	23.18	23.11	22.93	22.81	22.81		
5	QPSK	12	13	23.19	23.11	22.96	22.81	22.75		
5	QPSK	25	0	23.20	23.15	22.88	22.82	22.85		
5	16QAM	1	0	23.26	23.08	23.01	22.74	22.84	24.5	1
5	16QAM	1	12	23.20	23.08	22.93	22.80	22.82		
5	16QAM	1	24	23.23	23.14	22.94	22.85	22.93		
5	16QAM	12	0	22.11	22.12	21.92	21.81	21.75	23.5	2
5	16QAM	12	7	22.22	22.14	21.94	21.82	21.82		
5	16QAM	12	13	22.26	22.12	21.95	21.76	21.80		
5	16QAM	25	0	22.17	22.12	21.91	21.81	21.79		
5	64QAM	1	0	21.99	21.81	21.75	21.64	21.56	23.5	2
5	64QAM	1	12	21.91	21.83	21.64	21.53	21.59		
5	64QAM	1	24	22.00	21.85	21.57	21.58	21.61		
5	64QAM	12	0	21.16	21.10	20.89	20.84	20.78	22.5	3
5	64QAM	12	7	21.17	21.07	20.94	20.82	20.76		
5	64QAM	12	13	21.29	21.16	20.91	20.75	20.88		
5	64QAM	25	0	21.21	21.09	20.91	20.77	20.82		
5	256QAM	1	0	18.78	18.75	18.83	18.74	18.80	20.5	5
5	256QAM	1	12	18.64	18.77	18.73	18.77	18.79		
5	256QAM	1	24	18.79	18.74	18.83	18.66	18.69		
5	256QAM	12	0	18.97	18.98	18.88	18.95	18.95	20.5	5
5	256QAM	12	7	19.06	18.89	18.96	19.01	18.94		
5	256QAM	12	13	19.01	19.09	19.07	19.04	19.04		
5	256QAM	25	0	18.91	18.94	18.91	18.99	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.33	25.35	25.30	25.7	0
20	QPSK	1	49	25.31	25.29	25.19		
20	QPSK	1	99	25.24	25.23	25.07		
20	QPSK	50	0	24.33	24.35	24.21	24.7	1
20	QPSK	50	24	24.30	24.30	24.15		
20	QPSK	50	50	24.27	24.27	24.11		
20	QPSK	100	0	24.30	24.32	24.18		
20	16QAM	1	0	24.27	24.39	24.27	24.7	1
20	16QAM	1	49	24.31	24.33	24.13		
20	16QAM	1	99	24.17	24.25	24.06		
20	16QAM	50	0	23.30	23.33	23.19	23.7	2
20	16QAM	50	24	23.28	23.29	23.15		
20	16QAM	50	50	23.24	23.26	23.10		
20	16QAM	100	0	23.27	23.28	23.13		
20	64QAM	1	0	23.06	23.10	22.92	23.7	2
20	64QAM	1	49	23.04	23.06	22.84		
20	64QAM	1	99	22.88	23.00	22.86		
20	64QAM	50	0	22.30	22.32	22.18	22.7	3
20	64QAM	50	24	22.27	22.28	22.15		
20	64QAM	50	50	22.25	22.25	22.10		
20	64QAM	100	0	22.26	22.28	22.14		
20	256QAM	1	0	20.25	20.18	20.20	20.7	5
20	256QAM	1	49	20.12	20.15	20.22		
20	256QAM	1	99	20.16	20.16	20.15		
20	256QAM	50	0	20.21	20.28	20.29	20.7	5
20	256QAM	50	24	20.29	20.28	20.21		
20	256QAM	50	50	20.25	20.27	20.30		
20	256QAM	100	0	20.21	20.25	20.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	25.27	25.30	25.25	25.7	0
15	QPSK	1	37	25.27	25.22	25.12		
15	QPSK	1	74	25.20	25.17	25.01		
15	QPSK	36	0	24.26	24.30	24.12	24.7	1
15	QPSK	36	20	24.25	24.19	24.08		
15	QPSK	36	39	24.17	24.23	24.07		
15	QPSK	75	0	24.22	24.29	24.09		
15	16QAM	1	0	24.19	24.33	24.22	24.7	1
15	16QAM	1	37	24.21	24.24	24.10		
15	16QAM	1	74	24.15	24.23	24.03		
15	16QAM	36	0	23.25	23.22	23.12	23.7	2
15	16QAM	36	20	23.23	23.27	23.10		
15	16QAM	36	39	23.18	23.24	22.99		
15	16QAM	75	0	23.20	23.19	23.04		
15	64QAM	1	0	22.96	23.06	22.86	23.7	2
15	64QAM	1	37	23.01	22.96	22.80		
15	64QAM	1	74	22.81	22.97	22.77		
15	64QAM	36	0	22.26	22.29	22.11	22.7	3
15	64QAM	36	20	22.22	22.18	22.12		
15	64QAM	36	39	22.17	22.19	22.05		
15	64QAM	75	0	22.16	22.25	22.11		
15	256QAM	1	0	20.25	20.24	20.21	20.7	5
15	256QAM	1	37	20.19	20.12	20.25		
15	256QAM	1	74	20.20	20.23	20.07		
15	256QAM	36	0	20.19	20.24	20.24	20.7	5
15	256QAM	36	20	20.35	20.29	20.17		
15	256QAM	36	39	20.26	20.21	20.33		
15	256QAM	75	0	20.26	20.31	20.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	25.23	25.32	25.27	25.7	0
10	QPSK	1	25	25.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.48	22.50	22.28	24	0
20	QPSK	1	49	22.46	22.35	22.10		
20	QPSK	1	99	22.29	22.23	22.01		
20	QPSK	50	0	21.45	21.46	21.17	23	1
20	QPSK	50	24	21.39	21.31	21.09		
20	QPSK	50	50	21.36	21.28	21.04		
20	QPSK	100	0	21.38	21.40	21.12		
20	16QAM	1	0	21.44	21.40	21.27	23	1
20	16QAM	1	49	21.44	21.35	21.11		
20	16QAM	1	99	21.26	21.26	21.03		
20	16QAM	50	0	20.43	20.36	20.15	22	2
20	16QAM	50	24	20.39	20.31	20.10		
20	16QAM	50	50	20.34	20.27	20.05		
20	16QAM	100	0	20.36	20.31	20.09		
20	64QAM	1	0	20.19	20.16	20.08	22	2
20	64QAM	1	49	20.18	20.10	20.05		
20	64QAM	1	99	20.08	20.11	20.06		
20	64QAM	50	0	19.40	19.34	19.15	21	3
20	64QAM	50	24	19.37	19.31	19.10		
20	64QAM	50	50	19.32	19.26	19.05		
20	64QAM	100	0	19.36	19.31	19.09		
20	256QAM	1	0	17.12	17.18	17.17	19	5
20	256QAM	1	49	17.14	17.13	17.06		
20	256QAM	1	99	17.18	17.12	17.04		
20	256QAM	50	0	17.44	17.38	17.44	19	5
20	256QAM	50	24	17.32	17.36	17.29		
20	256QAM	50	50	17.30	17.32	17.33		
20	256QAM	100	0	17.25	17.30	17.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.45	22.48	22.19	24	0
15	QPSK	1	37	22.40	22.32	22.04		
15	QPSK	1	74	22.19	22.21	22.06		
15	QPSK	36	0	21.42	21.37	21.10	23	1
15	QPSK	36	20	21.29	21.27	21.02		
15	QPSK	36	39	21.30	21.21	21.08		
15	QPSK	75	0	21.27	21.30	21.08		
15	16QAM	1	0	21.36	21.29	21.23	23	1
15	16QAM	1	37	21.39	21.32	21.00		
15	16QAM	1	74	21.20	21.23	21.06		
15	16QAM	36	0	20.41	20.27	20.11	22	2
15	16QAM	36	20	20.37	20.26	20.01		
15	16QAM	36	39	20.27	20.20	20.05		
15	16QAM	75	0	20.25	20.20	20.02		
15	64QAM	1	0	20.10	20.11	20.08	22	2
15	64QAM	1	37	20.12	20.02	20.03		
15	64QAM	1	74	20.06	20.10	20.05		
15	64QAM	36	0	19.29	19.30	19.11	21	3
15	64QAM	36	20	19.28	19.28	19.07		
15	64QAM	36	39	19.26	19.20	19.08		
15	64QAM	75	0	19.29	19.26	19.07		
15	256QAM	1	0	17.19	17.13	17.25	19	5
15	256QAM	1	37	17.11	17.17	17.13		
15	256QAM	1	74	17.15	17.14	17.05		
15	256QAM	36	0	17.51	17.46	17.51	19	5
15	256QAM	36	20	17.25	17.40	17.26		
15	256QAM	36	39	17.26	17.28	17.33		
15	256QAM	75	0	17.21	17.32	17.24		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.41	22.46	22.18	24	0
10	QPSK	1	25	22.39	22.27	22.05		
10	QPSK	1	49	22.24	22.13	22.05		
10	QPSK	25	0	21.36	21.37	21.14	23	1
10	QPSK	25	12	21.36	21.28	21.00		
10	QPSK	25	25	21.25	21.22	21.07		
10	QPSK	50	0	21.36	21.32	21.08		
10	16QAM	1	0	21.37	21.37	21.20	23	1
10	16QAM	1	25	21.41	21.27	21.02		
10	16QAM	1	49	21.23	21.15	21.01		
10	16QAM	25	0	20.36	20.33	20.04	22	2
10	16QAM	25	12	20.28	20.28	20.02		
10	16QAM	25	25	20.24	20.20	20.05		
10	16QAM	50	0	20.25	20.23	20.03		
10	64QAM	1	0	20.12	20.10	20.06	22	2
10	64QAM	1	25	20.13	20.08	20.07		
10	64QAM	1	49	20.06	20.08	20.05		
10	64QAM	25	0	19.29	19.29	19.05	21	3
10	64QAM	25	12	19.34	19.26	19.06		
10	64QAM	25	25	19.30	19.19	19.05		
10	64QAM	50	0	19.25	19.28	19.02		
10	256QAM	1	0	17.09	17.23	17.22	19	5
10	256QAM	1	25	17.22	17.08	17.01		
10	256QAM	1	49	17.21	17.20	17.08		
10	256QAM	25	0	17.37	17.46	17.44	19	5
10	256QAM	25	12	17.34	17.29	17.21		
10	256QAM	25	25	17.37	17.25	17.36		
10	256QAM	50	0	17.31	17.37	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.39	22.41	22.25	24	0
5	QPSK	1	12	22.38	22.27	22.03		
5	QPSK	1	24	22.23	22.19	22.08		
5	QPSK	12	0	21.35	21.41	21.12	23	1
5	QPSK	12	7	21.33	21.29	21.08		
5	QPSK	12	13	21.34	21.23	21.02		
5	QPSK	25	0	21.35	21.31	21.06		
5	16QAM	1	0	21.39	21.34	21.19	23	1
5	16QAM	1	12	21.37	21.27	21.01		
5	16QAM	1	24	21.24	21.18	21.00		
5	16QAM	12	0	20.33	20.31	20.10	22	2
5	16QAM	12	7	20.32	20.26	20.07		
5	16QAM	12	13	20.23	20.20	20.03		
5	16QAM	25	0	20.32	20.22	20.03		
5	64QAM	1	0	20.12	20.09	20.06	22	2
5	64QAM	1	12	20.09	20.00	20.05		
5	64QAM	1	24	20.07	20.07	20.05		
5	64QAM	12	0	19.31	19.24	19.12	21	3
5	64QAM	12	7	19.32	19.21	19.05		
5	64QAM	12	13	19.26	19.19	19.08		
5	64QAM	25	0	19.27	19.27	19.06		
5	256QAM	1	0	17.07	17.25	17.16	19	5
5	256QAM	1	12	17.09	17.20	17.13		
5	256QAM	1	24	17.21	17.14	17.11		
5	256QAM	12	0	17.45	17.39	17.50	19	5
5	256QAM	12	7	17.37	17.29	17.26		
5	256QAM	12	13	17.23	17.32	17.40		
5	256QAM	25	0	17.31	17.26	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.86	18.90	18.73	20	0
20	QPSK	1	49	18.73	18.81	18.65		
20	QPSK	1	99	18.75	18.85	18.57		
20	QPSK	50	0	18.85	18.88	18.71	20	0
20	QPSK	50	24	18.78	18.79	18.59		
20	QPSK	50	50	18.75	18.74	18.59		
20	QPSK	100	0	18.83	18.85	18.70		
20	16QAM	1	0	18.84	18.79	18.64	20	0
20	16QAM	1	49	18.74	18.83	18.69		
20	16QAM	1	99	18.80	18.77	18.62		
20	16QAM	50	0	18.70	18.79	18.62	20	0
20	16QAM	50	24	18.73	18.86	18.65		
20	16QAM	50	50	18.81	18.86	18.70		
20	16QAM	100	0	18.82	18.87	18.59		
20	64QAM	1	0	18.74	18.77	18.70	20	0
20	64QAM	1	49	18.80	18.77	18.68		
20	64QAM	1	99	18.76	18.75	18.66		
20	64QAM	50	0	18.77	18.86	18.63	20	0
20	64QAM	50	24	18.78	18.74	18.65		
20	64QAM	50	50	18.82	18.84	18.65		
20	64QAM	100	0	18.82	18.87	18.59		
20	256QAM	1	0	18.77	18.76	18.63	20	0
20	256QAM	1	49	18.78	18.81	18.65		
20	256QAM	1	99	18.80	18.74	18.63		
20	256QAM	50	0	18.84	18.81	18.57	20	0
20	256QAM	50	24	18.81	18.85	18.57		
20	256QAM	50	50	18.82	18.75	18.64		
20	256QAM	100	0	18.73	18.79	18.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.78	18.80	18.70	20	0
15	QPSK	1	37	18.79	18.82	18.68		
15	QPSK	1	74	18.72	18.73	18.66		
15	QPSK	36	0	18.80	18.75	18.65	20	0
15	QPSK	36	20	18.76	18.80	18.64		
15	QPSK	36	39	18.78	18.74	18.70		
15	QPSK	75	0	18.76	18.86	18.65		
15	16QAM	1	0	18.72	18.79	18.65	20	0
15	16QAM	1	37	18.81	18.83	18.70		
15	16QAM	1	74	18.70	18.87	18.68		
15	16QAM	36	0	18.71	18.75	18.65	20	0
15	16QAM	36	20	18.71	18.83	18.57		
15	16QAM	36	39	18.75	18.79	18.69		
15	16QAM	75	0	18.77	18.85	18.56		
15	64QAM	1	0	18.83	18.83	18.67	20	0
15	64QAM	1	37	18.77	18.80	18.63		
15	64QAM	1	74	18.81	18.87	18.63		
15	64QAM	36	0	18.79	18.77	18.70	20	0
15	64QAM	36	20	18.82	18.85	18.62		
15	64QAM	36	39	18.80	18.81	18.61		
15	64QAM	75	0	18.73	18.78	18.58		
15	256QAM	1	0	18.73	18.82	18.62	20	0
15	256QAM	1	37	18.70	18.84	18.63		
15	256QAM	1	74	18.80	18.74	18.68		
15	256QAM	36	0	18.83	18.82	18.64	20	0
15	256QAM	36	20	18.75	18.73	18.61		
15	256QAM	36	39	18.72	18.85	18.58		
15	256QAM	75	0	18.82	18.87	18.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.83	18.87	18.70	20	0
10	QPSK	1	25	18.79	18.86	18.60		
10	QPSK	1	49	18.84	18.75	18.61		
10	QPSK	25	0	18.81	18.85	18.66	20	0
10	QPSK	25	12	18.84	18.83	18.66		
10	QPSK	25	25	18.84	18.77	18.61		
10	QPSK	50	0	18.79	18.85	18.57		
10	16QAM	1	0	18.80	18.73	18.61	20	0
10	16QAM	1	25	18.84	18.77	18.58		
10	16QAM	1	49	18.75	18.77	18.68		
10	16QAM	25	0	18.72	18.77	18.59	20	0
10	16QAM	25	12	18.73	18.86	18.68		
10	16QAM	25	25	18.76	18.81	18.60		
10	16QAM	50	0	18.78	18.82	18.65		
10	64QAM	1	0	18.79	18.81	18.68	20	0
10	64QAM	1	25	18.77	18.81	18.56		
10	64QAM	1	49	18.82	18.81	18.61		
10	64QAM	25	0	18.77	18.87	18.63	20	0
10	64QAM	25	12	18.78	18.87	18.57		
10	64QAM	25	25	18.81	18.74	18.64		
10	64QAM	50	0	18.70	18.79	18.58		
10	256QAM	1	0	18.80	18.74	18.62	20	0
10	256QAM	1	25	18.79	18.85	18.70		
10	256QAM	1	49	18.83	18.83	18.70		
10	256QAM	25	0	18.84	18.77	18.70	20	0
10	256QAM	25	12	18.76	18.82	18.67		
10	256QAM	25	25	18.71	18.87	18.64		
10	256QAM	50	0	18.78	18.80	18.64		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.75	18.76	18.63	20	0
5	QPSK	1	12	18.78	18.74	18.56		
5	QPSK	1	24	18.76	18.83	18.60		
5	QPSK	12	0	18.80	18.83	18.62	20	0
5	QPSK	12	7	18.72	18.83	18.60		
5	QPSK	12	13	18.71	18.82	18.59		
5	QPSK	25	0	18.80	18.75	18.62		
5	16QAM	1	0	18.72	18.82	18.60	20	0
5	16QAM	1	12	18.78	18.86	18.70		
5	16QAM	1	24	18.76	18.74	18.63		
5	16QAM	12	0	18.80	18.86	18.68	20	0
5	16QAM	12	7	18.77	18.79	18.57		
5	16QAM	12	13	18.80	18.77	18.68		
5	16QAM	25	0	18.74	18.82	18.60		
5	64QAM	1	0	18.84	18.75	18.56	20	0
5	64QAM	1	12	18.75	18.74	18.62		
5	64QAM	1	24	18.71	18.75	18.56		
5	64QAM	12	0	18.78	18.86	18.68	20	0
5	64QAM	12	7	18.74	18.74	18.68		
5	64QAM	12	13	18.70	18.86	18.63		
5	64QAM	25	0	18.75	18.74	18.58		
5	256QAM	1	0	18.83	18.75	18.69	20	0
5	256QAM	1	12	18.79	18.77	18.62		
5	256QAM	1	24	18.83	18.85	18.58		
5	256QAM	12	0	18.83	18.82	18.65	20	0
5	256QAM	12	7	18.81	18.84	18.60		
5	256QAM	12	13	18.80	18.77	18.63		
5	256QAM	25	0	18.71	18.85	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.83	21.85	21.58	22.5	0
20	QPSK	1	49	21.82	21.65	21.43		
20	QPSK	1	99	21.61	21.59	21.38		
20	QPSK	50	0	20.79	20.80	20.52	21.5	1
20	QPSK	50	24	20.73	20.63	20.42		
20	QPSK	50	50	20.70	20.61	20.37		
20	QPSK	100	0	20.73	20.75	20.47		
20	16QAM	1	0	20.76	20.75	20.58	21.5	1
20	16QAM	1	49	20.79	20.72	20.42		
20	16QAM	1	99	20.63	20.61	20.35		
20	16QAM	50	0	19.77	19.69	19.46	20.5	2
20	16QAM	50	24	19.72	19.65	19.43		
20	16QAM	50	50	19.67	19.60	19.37		
20	16QAM	100	0	19.70	19.65	19.42		
20	64QAM	1	0	19.49	19.49	19.23	20.5	2
20	64QAM	1	49	19.54	19.43	19.18		
20	64QAM	1	99	19.39	19.30	19.11		
20	64QAM	50	0	18.75	18.67	18.48	19.5	3
20	64QAM	50	24	18.69	18.64	18.43		
20	64QAM	50	50	18.68	18.59	18.38		
20	64QAM	100	0	18.70	18.64	18.41		
20	256QAM	1	0	16.55	16.50	16.46	17.5	5
20	256QAM	1	49	16.54	16.47	16.51		
20	256QAM	1	99	16.42	16.43	16.40		
20	256QAM	50	0	16.69	16.68	16.74	17.5	5
20	256QAM	50	24	16.72	16.65	16.73		
20	256QAM	50	50	16.58	16.64	16.61		
20	256QAM	100	0	16.68	16.60	16.68		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.73	21.78	21.51	22.5	0
15	QPSK	1	37	21.72	21.59	21.33		
15	QPSK	1	74	21.54	21.48	21.34		
15	QPSK	36	0	20.74	20.78	20.43	21.5	1
15	QPSK	36	20	20.71	20.59	20.33		
15	QPSK	36	39	20.62	20.52	20.32		
15	QPSK	75	0	20.69	20.65	20.38		
15	16QAM	1	0	20.70	20.64	20.55	21.5	1
15	16QAM	1	37	20.70	20.66	20.37		
15	16QAM	1	74	20.55	20.56	20.27		
15	16QAM	36	0	19.69	19.61	19.43	20.5	2
15	16QAM	36	20	19.65	19.60	19.36		
15	16QAM	36	39	19.56	19.57	19.26		
15	16QAM	75	0	19.65	19.56	19.35		
15	64QAM	1	0	19.47	19.42	19.15	20.5	2
15	64QAM	1	37	19.49	19.35	19.13		
15	64QAM	1	74	19.30	19.25	19.04		
15	64QAM	36	0	18.73	18.61	18.45	19.5	3
15	64QAM	36	20	18.59	18.59	18.38		
15	64QAM	36	39	18.59	18.48	18.34		
15	64QAM	75	0	18.68	18.58	18.36		
15	256QAM	1	0	16.63	16.51	16.38	17.5	5
15	256QAM	1	37	16.48	16.50	16.45		
15	256QAM	1	74	16.40	16.44	16.36		
15	256QAM	36	0	16.77	16.71	16.67	17.5	5
15	256QAM	36	20	16.71	16.67	16.77		
15	256QAM	36	39	16.53	16.72	16.64		
15	256QAM	75	0	16.67	16.68	16.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.80	21.80	21.56	22.5	0
10	QPSK	1	25	21.76	21.61	21.35		
10	QPSK	1	49	21.51	21.51	21.30		
10	QPSK	25	0	20.71	20.72	20.50	21.5	1
10	QPSK	25	12	20.67	20.57	20.37		
10	QPSK	25	25	20.62	20.50	20.26		
10	QPSK	50	0	20.67	20.73	20.38		
10	16QAM	1	0	20.70	20.64	20.50	21.5	1
10	16QAM	1	25	20.69	20.62	20.35		
10	16QAM	1	49	20.59	20.51	20.24		
10	16QAM	25	0	19.71	19.61	19.38	20.5	2
10	16QAM	25	12	19.61	19.63	19.39		
10	16QAM	25	25	19.62	19.55	19.33		
10	16QAM	50	0	19.61	19.58	19.38		
10	64QAM	1	0	19.41	19.41	19.19	20.5	2
10	64QAM	1	25	19.48	19.33	19.12		
10	64QAM	1	49	19.37	19.21	19.00		
10	64QAM	25	0	18.72	18.64	18.39	19.5	3
10	64QAM	25	12	18.63	18.57	18.39		
10	64QAM	25	25	18.63	18.54	18.32		
10	64QAM	50	0	18.61	18.55	18.38		
10	256QAM	1	0	16.49	16.56	16.38	17.5	5
10	256QAM	1	25	16.52	16.43	16.43		
10	256QAM	1	49	16.50	16.48	16.37		
10	256QAM	25	0	16.75	16.60	16.58	17.5	5
10	256QAM	25	12	16.75	16.66	16.75		
10	256QAM	25	25	16.55	16.61	16.64		
10	256QAM	50	0	16.63	16.53	16.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.76	21.80	21.51	22.5	0
5	QPSK	1	12	21.76	21.61	21.34		
5	QPSK	1	24	21.58	21.56	21.34		
5	QPSK	12	0	20.73	20.73	20.41	21.5	1
5	QPSK	12	7	20.68	20.61	20.34		
5	QPSK	12	13	20.66	20.56	20.32		
5	QPSK	25	0	20.68	20.65	20.44		
5	16QAM	1	0	20.68	20.66	20.51	21.5	1
5	16QAM	1	12	20.77	20.64	20.34		
5	16QAM	1	24	20.57	20.54	20.32		
5	16QAM	12	0	19.68	19.58	19.38	20.5	2
5	16QAM	12	7	19.65	19.59	19.40		
5	16QAM	12	13	19.62	19.51	19.29		
5	16QAM	25	0	19.63	19.63	19.34		
5	64QAM	1	0	19.38	19.44	19.14	20.5	2
5	64QAM	1	12	19.50	19.37	19.13		
5	64QAM	1	24	19.33	19.19	19.07		
5	64QAM	12	0	18.65	18.65	18.44	19.5	3
5	64QAM	12	7	18.60	18.58	18.35		
5	64QAM	12	13	18.63	18.48	18.35		
5	64QAM	25	0	18.66	18.53	18.36		
5	256QAM	1	0	16.54	16.47	16.52	17.5	5
5	256QAM	1	12	16.48	16.51	16.45		
5	256QAM	1	24	16.50	16.51	16.44		
5	256QAM	12	0	16.63	16.71	16.70	17.5	5
5	256QAM	12	7	16.64	16.67	16.70		
5	256QAM	12	13	16.57	16.60	16.57		
5	256QAM	25	0	16.67	16.64	16.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.32	24.56	24.32	24.26	25.2	0
20	QPSK	1	49	24.30	24.55	24.26	24.22		
20	QPSK	1	99	24.26	24.53	24.23	24.21		
20	QPSK	50	0	23.22	23.42	23.23	23.18	24.2	1
20	QPSK	50	24	23.20	23.39	23.20	23.16		
20	QPSK	50	50	23.16	23.40	23.14	23.13		
20	QPSK	100	0	23.20	23.41	23.21	23.15		
20	16QAM	1	0	23.18	23.42	23.16	23.24	24.2	1
20	16QAM	1	49	23.19	23.40	23.17	23.22		
20	16QAM	1	99	23.17	23.41	23.24	23.21		
20	16QAM	50	0	22.25	22.44	22.18	22.24	23.2	2
20	16QAM	50	24	22.20	22.43	22.21	22.23		
20	16QAM	50	50	22.16	22.42	22.19	22.19		
20	16QAM	100	0	22.16	22.40	22.22	22.15		
20	64QAM	1	0	21.83	22.09	21.85	21.89	23.2	2
20	64QAM	1	49	21.90	22.07	21.82	21.87		
20	64QAM	1	99	21.87	22.13	21.90	21.94		
20	64QAM	50	0	21.25	21.45	21.20	21.23	22.2	3
20	64QAM	50	24	21.20	21.42	21.22	21.16		
20	64QAM	50	50	21.23	21.47	21.23	21.21		
20	64QAM	100	0	21.24	21.41	21.17	21.22		
20	256QAM	1	0	19.04	19.25	19.04	19.00	20.2	5
20	256QAM	1	49	19.00	19.24	18.99	19.03		
20	256QAM	1	99	19.20	19.37	19.17	19.20		
20	256QAM	50	0	19.22	19.45	19.27	19.22	20.2	5
20	256QAM	50	24	19.22	19.47	19.27	19.24		
20	256QAM	50	50	19.30	19.50	19.24	19.33		
20	256QAM	100	0	19.19	19.41	19.20	19.23		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	24.26	24.50	24.23	24.22	25.2	0
15	QPSK	1	37	24.25	24.52	24.21	24.13		
15	QPSK	1	74	24.21	24.44	24.21	24.18		
15	QPSK	36	0	23.15	23.31	23.14	23.08	24.2	1
15	QPSK	36	20	23.16	23.37	23.12	23.06		
15	QPSK	36	39	23.13	23.31	23.04	23.09		
15	QPSK	75	0	23.15	23.38	23.17	23.10		
15	16QAM	1	0	23.15	23.34	23.07	23.13	24.2	1
15	16QAM	1	37	23.16	23.38	23.14	23.15		
15	16QAM	1	74	23.08	23.37	23.21	23.12		
15	16QAM	36	0	22.23	22.36	22.12	22.13	23.2	2
15	16QAM	36	20	22.11	22.37	22.19	22.12		
15	16QAM	36	39	22.07	22.38	22.16	22.08		
15	16QAM	75	0	22.07	22.30	22.20	22.06		
15	64QAM	1	0	21.75	22.03	21.77	21.87	23.2	2
15	64QAM	1	37	21.83	22.03	21.75	21.77		
15	64QAM	1	74	21.81	22.02	21.83	21.88		
15	64QAM	36	0	21.18	21.36	21.09	21.21	22.2	3
15	64QAM	36	20	21.13	21.32	21.18	21.05		
15	64QAM	36	39	21.20	21.39	21.19	21.14		
15	64QAM	75	0	21.22	21.39	21.11	21.15		
15	256QAM	1	0	19.01	19.16	19.02	18.89	20.2	5
15	256QAM	1	37	18.96	19.15	18.92	18.98		
15	256QAM	1	74	19.16	19.26	19.11	19.15		
15	256QAM	36	0	19.15	19.43	19.16	19.20	20.2	5
15	256QAM	36	20	19.20	19.40	19.22	19.16		
15	256QAM	36	39	19.19	19.42	19.22	19.27		
15	256QAM	75	0	19.08	19.34	19.12	19.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.21	24.50	24.21	24.23	25.2	0
10	QPSK	1	25	24.20	24.48	24.18	24.14		
10	QPSK	1	49	24.18	24.43	24.13	24.19		
10	QPSK	25	0	23.11	23.31	23.16	23.12	24.2	1
10	QPSK	25	12	23.13	23.37	23.10	23.09		
10	QPSK	25	25	23.10	23.38	23.04	23.04		
10	QPSK	50	0	23.15	23.35	23.11	23.13		
10	16QAM	1	0	23.14	23.32	23.11	23.20	24.2	1
10	16QAM	1	25	23.08	23.36	23.13	23.16		
10	16QAM	1	49	23.14	23.30	23.20	23.15		
10	16QAM	25	0	22.18	22.41	22.13	22.22	23.2	2
10	16QAM	25	12	22.10	22.39	22.12	22.14		
10	16QAM	25	25	22.13	22.34	22.10	22.11		
10	16QAM	50	0	22.06	22.35	22.16	22.08		
10	64QAM	1	0	21.81	22.03	21.82	21.85	23.2	2
10	64QAM	1	25	21.83	22.04	21.78	21.82		
10	64QAM	1	49	21.78	22.08	21.81	21.89		
10	64QAM	25	0	21.14	21.34	21.12	21.17	22.2	3
10	64QAM	25	12	21.13	21.32	21.13	21.13		
10	64QAM	25	25	21.20	21.42	21.21	21.13		
10	64QAM	50	0	21.17	21.30	21.11	21.12		
10	256QAM	1	0	18.93	19.21	19.02	18.94	20.2	5
10	256QAM	1	25	18.97	19.16	18.94	19.01		
10	256QAM	1	49	19.10	19.33	19.15	19.17		
10	256QAM	25	0	19.17	19.43	19.21	19.13	20.2	5
10	256QAM	25	12	19.11	19.45	19.25	19.22		
10	256QAM	25	25	19.22	19.45	19.17	19.28		
10	256QAM	50	0	19.16	19.30	19.18	19.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.21	24.47	24.23	24.24	25.2	0
5	QPSK	1	12	24.20	24.48	24.15	24.13		
5	QPSK	1	24	24.16	24.45	24.20	24.11		
5	QPSK	12	0	23.12	23.40	23.13	23.15	24.2	1
5	QPSK	12	7	23.12	23.28	23.10	23.12		
5	QPSK	12	13	23.10	23.35	23.09	23.04		
5	QPSK	25	0	23.11	23.31	23.18	23.07		
5	16QAM	1	0	23.11	23.33	23.07	23.13	24.2	1
5	16QAM	1	12	23.14	23.29	23.06	23.14		
5	16QAM	1	24	23.12	23.38	23.20	23.16		
5	16QAM	12	0	22.19	22.42	22.15	22.15	23.2	2
5	16QAM	12	7	22.15	22.38	22.10	22.20		
5	16QAM	12	13	22.14	22.40	22.10	22.17		
5	16QAM	25	0	22.08	22.30	22.11	22.09		
5	64QAM	1	0	21.72	22.00	21.81	21.81	23.2	2
5	64QAM	1	12	21.79	21.98	21.75	21.85		
5	64QAM	1	24	21.82	22.03	21.84	21.92		
5	64QAM	12	0	21.14	21.38	21.14	21.18	22.2	3
5	64QAM	12	7	21.11	21.40	21.16	21.06		
5	64QAM	12	13	21.12	21.37	21.16	21.15		
5	64QAM	25	0	21.14	21.30	21.14	21.14		
5	256QAM	1	0	19.01	19.18	18.96	18.98	20.2	5
5	256QAM	1	12	18.94	19.16	18.93	18.92		
5	256QAM	1	24	19.09	19.28	19.09	19.10		
5	256QAM	12	0	19.12	19.43	19.25	19.12	20.2	5
5	256QAM	12	7	19.14	19.45	19.21	19.18		
5	256QAM	12	13	19.26	19.42	19.18	19.28		
5	256QAM	25	0	19.12	19.37	19.11	19.20		

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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	21.31	21.50	21.48	21.48	23	0
20	QPSK	1	49	21.22	21.45	21.38	21.41		
20	QPSK	1	99	21.27	21.49	21.40	21.44		
20	QPSK	50	0	20.17	20.43	20.38	20.36	22	1
20	QPSK	50	24	20.15	20.37	20.28	20.33		
20	QPSK	50	50	20.15	20.42	20.37	20.35		
20	QPSK	100	0	20.11	20.40	20.31	20.38		
20	16QAM	1	0	20.13	20.42	20.37	20.35	22	1
20	16QAM	1	49	20.19	20.45	20.40	20.36		
20	16QAM	1	99	20.16	20.44	20.34	20.34		
20	16QAM	50	0	19.17	19.42	19.39	19.38	21	2
20	16QAM	50	24	19.19	19.41	19.37	19.37		
20	16QAM	50	50	19.22	19.47	19.40	19.37		
20	16QAM	100	0	19.19	19.41	19.37	19.37		
20	64QAM	1	0	19.08	19.23	19.19	19.13	21	2
20	64QAM	1	49	19.00	19.22	19.16	19.14		
20	64QAM	1	99	19.08	19.16	19.13	19.12		
20	64QAM	50	0	18.14	18.41	18.38	18.32	20	3
20	64QAM	50	24	18.18	18.42	18.39	18.34		
20	64QAM	50	50	18.18	18.46	18.43	18.38		
20	64QAM	100	0	18.18	18.41	18.37	18.30		
20	256QAM	1	0	16.05	16.23	16.19	16.15	18	5
20	256QAM	1	49	16.08	16.27	16.19	16.19		
20	256QAM	1	99	16.13	16.36	16.33	16.33		
20	256QAM	50	0	16.21	16.45	16.41	16.41	18	5
20	256QAM	50	24	16.24	16.46	16.37	16.43		
20	256QAM	50	50	16.22	16.51	16.49	16.43		
20	256QAM	100	0	16.20	16.41	16.31	16.39		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.25	21.45	21.42	21.41	23	0
15	QPSK	1	37	21.11	21.34	21.34	21.35		
15	QPSK	1	74	21.25	21.43	21.35	21.37		
15	QPSK	36	0	20.14	20.41	20.34	20.33	22	1
15	QPSK	36	20	20.05	20.33	20.25	20.30		
15	QPSK	36	39	20.08	20.32	20.30	20.24		
15	QPSK	75	0	20.06	20.37	20.27	20.31		
15	16QAM	1	0	20.03	20.37	20.30	20.30	22	1
15	16QAM	1	37	20.16	20.38	20.33	20.27		
15	16QAM	1	74	20.08	20.35	20.32	20.26		
15	16QAM	36	0	19.10	19.35	19.34	19.34	21	2
15	16QAM	36	20	19.13	19.31	19.32	19.28		
15	16QAM	36	39	19.18	19.41	19.35	19.30		
15	16QAM	75	0	19.12	19.37	19.29	19.29		
15	64QAM	1	0	19.05	19.13	19.17	19.03	21	2
15	64QAM	1	37	19.07	19.15	19.14	19.12		
15	64QAM	1	74	19.06	19.05	19.03	19.07		
15	64QAM	36	0	18.05	18.36	18.33	18.29	20	3
15	64QAM	36	20	18.07	18.38	18.35	18.32		
15	64QAM	36	39	18.07	18.42	18.35	18.28		
15	64QAM	75	0	18.09	18.30	18.29	18.25		
15	256QAM	1	0	16.08	16.19	16.14	16.08	18	5
15	256QAM	1	37	16.05	16.23	16.09	16.12		
15	256QAM	1	74	16.04	16.30	16.29	16.23		
15	256QAM	36	0	16.19	16.40	16.32	16.36	18	5
15	256QAM	36	20	16.21	16.36	16.34	16.40		
15	256QAM	36	39	16.16	16.41	16.40	16.37		
15	256QAM	75	0	16.10	16.39	16.25	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.28	21.45	21.44	21.44	23	0
10	QPSK	1	25	21.20	21.36	21.30	21.31		
10	QPSK	1	49	21.22	21.41	21.30	21.35		
10	QPSK	25	0	20.06	20.37	20.30	20.26	22	1
10	QPSK	25	12	20.07	20.29	20.19	20.28		
10	QPSK	25	25	20.10	20.33	20.27	20.28		
10	QPSK	50	0	20.00	20.33	20.28	20.27		
10	16QAM	1	0	20.04	20.33	20.32	20.25	22	1
10	16QAM	1	25	20.17	20.34	20.29	20.31		
10	16QAM	1	49	20.11	20.34	20.23	20.26		
10	16QAM	25	0	19.14	19.39	19.28	19.30	21	2
10	16QAM	25	12	19.17	19.33	19.30	19.30		
10	16QAM	25	25	19.17	19.44	19.35	19.31		
10	16QAM	50	0	19.11	19.33	19.26	19.27		
10	64QAM	1	0	19.08	19.20	19.12	19.10	21	2
10	64QAM	1	25	19.06	19.15	19.07	19.11		
10	64QAM	1	49	19.05	19.10	19.05	19.07		
10	64QAM	25	0	18.11	18.37	18.36	18.28	20	3
10	64QAM	25	12	18.15	18.39	18.37	18.31		
10	64QAM	25	25	18.12	18.37	18.38	18.30		
10	64QAM	50	0	18.11	18.37	18.27	18.23		
10	256QAM	1	0	16.11	16.16	16.15	16.08	18	5
10	256QAM	1	25	16.07	16.17	16.09	16.10		
10	256QAM	1	49	16.08	16.30	16.26	16.28		
10	256QAM	25	0	16.11	16.40	16.39	16.32	18	5
10	256QAM	25	12	16.20	16.42	16.29	16.40		
10	256QAM	25	25	16.11	16.40	16.47	16.38		
10	256QAM	50	0	16.10	16.38	16.29	16.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.25	21.40	21.40	21.45	23	0
5	QPSK	1	12	21.16	21.37	21.28	21.35		
5	QPSK	1	24	21.16	21.47	21.37	21.35		
5	QPSK	12	0	20.07	20.36	20.35	20.30	22	1
5	QPSK	12	7	20.04	20.28	20.23	20.24		
5	QPSK	12	13	20.09	20.40	20.27	20.25		
5	QPSK	25	0	20.02	20.29	20.20	20.31		
5	16QAM	1	0	20.06	20.39	20.32	20.29	22	1
5	16QAM	1	12	20.08	20.35	20.35	20.29		
5	16QAM	1	24	20.06	20.41	20.24	20.27		
5	16QAM	12	0	19.09	19.36	19.36	19.35	21	2
5	16QAM	12	7	19.12	19.33	19.30	19.28		
5	16QAM	12	13	19.16	19.41	19.29	19.32		
5	16QAM	25	0	19.12	19.36	19.26	19.30		
5	64QAM	1	0	19.09	19.18	19.15	19.03	21	2
5	64QAM	1	12	19.05	19.13	19.07	19.03		
5	64QAM	1	24	19.04	19.12	19.02	19.06		
5	64QAM	12	0	18.11	18.38	18.32	18.29	20	3
5	64QAM	12	7	18.09	18.37	18.30	18.30		
5	64QAM	12	13	18.12	18.37	18.35	18.30		
5	64QAM	25	0	18.15	18.34	18.34	18.27		
5	256QAM	1	0	16.07	16.15	16.15	16.10	18	5
5	256QAM	1	12	16.05	16.21	16.10	16.17		
5	256QAM	1	24	16.06	16.32	16.25	16.25		
5	256QAM	12	0	16.11	16.41	16.39	16.32	18	5
5	256QAM	12	7	16.22	16.42	16.30	16.41		
5	256QAM	12	13	16.14	16.44	16.42	16.39		
5	256QAM	25	0	16.18	16.38	16.29	16.34		

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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	19.25	19.37	19.32	19.30	21	0
20	QPSK	1	49	19.14	19.24	19.24	19.13		
20	QPSK	1	99	19.16	19.22	19.25	19.25		
20	QPSK	50	0	19.23	19.35	19.30	19.28	21	0
20	QPSK	50	24	19.13	19.33	19.26	19.16		
20	QPSK	50	50	19.22	19.22	19.16	19.13		
20	QPSK	100	0	19.22	19.33	19.28	19.27		
20	16QAM	1	0	19.13	19.21	19.29	19.26	21	0
20	16QAM	1	49	19.20	19.30	19.26	19.20		
20	16QAM	1	99	19.16	19.23	19.26	19.24		
20	16QAM	50	0	19.21	19.34	19.19	19.18	21	0
20	16QAM	50	24	19.13	19.21	19.23	19.16		
20	16QAM	50	50	19.12	19.23	19.18	19.18		
20	16QAM	100	0	19.14	19.22	19.26	19.21		
20	64QAM	1	0	19.19	19.29	19.20	19.13	21	0
20	64QAM	1	49	19.22	19.28	19.25	19.15		
20	64QAM	1	99	19.14	19.34	19.26	19.25		
20	64QAM	50	0	19.15	19.29	19.22	19.16	21	0
20	64QAM	50	24	19.08	19.28	19.22	19.26		
20	64QAM	50	50	19.18	19.26	19.17	19.25		
20	64QAM	100	0	19.19	19.33	19.16	19.20		
20	256QAM	1	0	17.71	17.95	17.86	17.89	19.5	1.5
20	256QAM	1	49	17.72	17.94	17.84	17.83		
20	256QAM	1	99	17.82	18.06	17.97	17.95		
20	256QAM	50	0	17.91	18.12	18.03	18.03	19.5	1.5
20	256QAM	50	24	17.91	18.13	18.06	18.05		
20	256QAM	50	50	17.99	18.17	18.10	18.11		
20	256QAM	100	0	17.88	18.08	17.98	18.01		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.13	19.26	19.25	19.13	21	0
15	QPSK	1	37	19.11	19.25	19.23	19.21		
15	QPSK	1	74	19.22	19.30	19.23	19.16		
15	QPSK	36	0	19.20	19.23	19.23	19.13	21	0
15	QPSK	36	20	19.13	19.26	19.28	19.23		
15	QPSK	36	39	19.15	19.23	19.29	19.16		
15	QPSK	75	0	19.10	19.30	19.16	19.19		
15	16QAM	1	0	19.15	19.21	19.29	19.17	21	0
15	16QAM	1	37	19.20	19.29	19.29	19.17		
15	16QAM	1	74	19.21	19.24	19.15	19.16		
15	16QAM	36	0	19.20	19.34	19.20	19.26	21	0
15	16QAM	36	20	19.14	19.21	19.26	19.26		
15	16QAM	36	39	19.15	19.27	19.19	19.25		
15	16QAM	75	0	19.10	19.32	19.18	19.27		
15	64QAM	1	0	19.19	19.20	19.16	19.23	21	0
15	64QAM	1	37	19.14	19.23	19.26	19.13		
15	64QAM	1	74	19.18	19.20	19.19	19.17		
15	64QAM	36	0	19.17	19.28	19.26	19.24	21	0
15	64QAM	36	20	19.13	19.20	19.24	19.27		
15	64QAM	36	39	19.15	19.30	19.22	19.21		
15	64QAM	75	0	19.18	19.21	19.24	19.26		
15	256QAM	1	0	17.61	17.90	17.76	17.81	19.5	1.5
15	256QAM	1	37	17.63	17.87	17.78	17.78		
15	256QAM	1	74	17.75	17.99	17.91	17.88		
15	256QAM	36	0	17.88	18.08	17.98	18.00	19.5	1.5
15	256QAM	36	20	17.88	18.04	17.96	17.98		
15	256QAM	36	39	17.91	18.11	18.04	18.06		
15	256QAM	75	0	17.82	18.06	17.91	17.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.17	19.34	19.25	19.14	21	0
10	QPSK	1	25	19.13	19.32	19.28	19.27		
10	QPSK	1	49	19.18	19.34	19.17	19.26		
10	QPSK	25	0	19.08	19.20	19.27	19.20	21	0
10	QPSK	25	12	19.13	19.30	19.28	19.25		
10	QPSK	25	25	19.16	19.29	19.20	19.19		
10	QPSK	50	0	19.15	19.26	19.18	19.26		
10	16QAM	1	0	19.14	19.23	19.21	19.25	21	0
10	16QAM	1	25	19.13	19.24	19.27	19.27		
10	16QAM	1	49	19.09	19.27	19.24	19.15		
10	16QAM	25	0	19.13	19.28	19.16	19.20	21	0
10	16QAM	25	12	19.16	19.31	19.19	19.26		
10	16QAM	25	25	19.10	19.27	19.23	19.20		
10	16QAM	50	0	19.22	19.25	19.29	19.17		
10	64QAM	1	0	19.13	19.20	19.18	19.17	21	0
10	64QAM	1	25	19.14	19.30	19.16	19.24		
10	64QAM	1	49	19.12	19.27	19.29	19.25		
10	64QAM	25	0	19.09	19.33	19.15	19.21	21	0
10	64QAM	25	12	19.11	19.20	19.26	19.18		
10	64QAM	25	25	19.15	19.20	19.27	19.18		
10	64QAM	50	0	19.19	19.34	19.25	19.17		
10	256QAM	1	0	17.64	17.86	17.80	17.82	19.5	1.5
10	256QAM	1	25	17.68	17.84	17.77	17.74		
10	256QAM	1	49	17.72	18.04	17.92	17.89		
10	256QAM	25	0	17.88	18.06	18.00	17.93	19.5	1.5
10	256QAM	25	12	17.87	18.02	17.98	17.95		
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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	20.63	20.78	20.68	20.71	22	0
20	QPSK	1	49	20.60	20.76	20.65	20.70		
20	QPSK	1	99	20.59	20.72	20.63	20.70		
20	QPSK	50	0	19.69	19.75	19.73	19.71	21	1
20	QPSK	50	24	19.58	19.68	19.60	19.65		
20	QPSK	50	50	19.62	19.67	19.65	19.58		
20	QPSK	100	0	19.62	19.68	19.62	19.58		
20	16QAM	1	0	19.58	19.67	19.65	19.60	21	1
20	16QAM	1	49	19.58	19.67	19.63	19.57		
20	16QAM	1	99	19.66	19.69	19.67	19.62		
20	16QAM	50	0	18.57	18.68	18.60	18.66	20	2
20	16QAM	50	24	18.57	18.66	18.63	18.62		
20	16QAM	50	50	18.70	18.72	18.61	18.67		
20	16QAM	100	0	18.65	18.67	18.57	18.56		
20	64QAM	1	0	18.29	18.31	18.29	18.22	20	2
20	64QAM	1	49	18.30	18.34	18.32	18.26		
20	64QAM	1	99	18.35	18.46	18.35	18.35		
20	64QAM	50	0	17.64	17.71	17.69	17.63	19	3
20	64QAM	50	24	17.56	17.67	17.56	17.59		
20	64QAM	50	50	17.64	17.73	17.65	17.71		
20	64QAM	100	0	17.61	17.66	17.58	17.60		
20	256QAM	1	0	15.41	15.51	15.46	15.46	17	5
20	256QAM	1	49	15.48	15.52	15.50	15.47		
20	256QAM	1	99	15.57	15.64	15.60	15.55		
20	256QAM	50	0	15.68	15.71	15.62	15.61	17	5
20	256QAM	50	24	15.66	15.73	15.65	15.67		
20	256QAM	50	50	15.67	15.77	15.66	15.73		
20	256QAM	100	0	15.63	15.67	15.58	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.58	20.68	20.58	20.62	22	0
15	QPSK	1	37	20.53	20.65	20.55	20.59		
15	QPSK	1	74	20.50	20.64	20.57	20.64		
15	QPSK	36	0	19.63	19.67	19.69	19.64	21	1
15	QPSK	36	20	19.50	19.57	19.52	19.56		
15	QPSK	36	39	19.53	19.60	19.60	19.55		
15	QPSK	75	0	19.60	19.64	19.57	19.51		
15	16QAM	1	0	19.55	19.64	19.57	19.53	21	1
15	16QAM	1	37	19.53	19.64	19.57	19.55		
15	16QAM	1	74	19.60	19.59	19.64	19.59		
15	16QAM	36	0	18.55	18.65	18.56	18.58	20	2
15	16QAM	36	20	18.50	18.64	18.53	18.52		
15	16QAM	36	39	18.68	18.70	18.52	18.64		
15	16QAM	75	0	18.54	18.57	18.50	18.53		
15	64QAM	1	0	18.18	18.23	18.21	18.16	20	2
15	64QAM	1	37	18.28	18.24	18.22	18.24		
15	64QAM	1	74	18.31	18.36	18.28	18.25		
15	64QAM	36	0	17.61	17.61	17.63	17.56	19	3
15	64QAM	36	20	17.50	17.59	17.45	17.50		
15	64QAM	36	39	17.62	17.68	17.62	17.62		
15	64QAM	75	0	17.51	17.59	17.47	17.53		
15	256QAM	1	0	15.30	15.40	15.42	15.37	17	5
15	256QAM	1	37	15.46	15.48	15.48	15.41		
15	256QAM	1	74	15.49	15.55	15.54	15.53		
15	256QAM	36	0	15.57	15.67	15.58	15.51	17	5
15	256QAM	36	20	15.64	15.67	15.60	15.58		
15	256QAM	36	39	15.62	15.72	15.59	15.66		
15	256QAM	75	0	15.53	15.60	15.55	15.57		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.57	20.76	20.61	20.67	22	0
10	QPSK	1	25	20.52	20.66	20.62	20.66		
10	QPSK	1	49	20.51	20.66	20.54	20.64		
10	QPSK	25	0	19.63	19.64	19.63	19.61	21	1
10	QPSK	25	12	19.55	19.65	19.57	19.60		
10	QPSK	25	25	19.58	19.65	19.57	19.47		
10	QPSK	50	0	19.55	19.60	19.57	19.50		
10	16QAM	1	0	19.52	19.60	19.56	19.50	21	1
10	16QAM	1	25	19.51	19.62	19.55	19.53		
10	16QAM	1	49	19.59	19.62	19.62	19.53		
10	16QAM	25	0	18.46	18.62	18.49	18.58	20	2
10	16QAM	25	12	18.54	18.58	18.53	18.56		
10	16QAM	25	25	18.68	18.61	18.51	18.65		
10	16QAM	50	0	18.57	18.65	18.53	18.45		
10	64QAM	1	0	18.27	18.28	18.26	18.20	20	2
10	64QAM	1	25	18.26	18.26	18.25	18.17		
10	64QAM	1	49	18.25	18.36	18.30	18.28		
10	64QAM	25	0	17.55	17.66	17.67	17.52	19	3
10	64QAM	25	12	17.50	17.61	17.48	17.56		
10	64QAM	25	25	17.61	17.65	17.62	17.66		
10	64QAM	50	0	17.58	17.61	17.53	17.55		
10	256QAM	1	0	15.30	15.46	15.44	15.38	17	5
10	256QAM	1	25	15.38	15.43	15.46	15.36		
10	256QAM	1	49	15.46	15.59	15.53	15.51		
10	256QAM	25	0	15.61	15.69	15.57	15.55	17	5
10	256QAM	25	12	15.61	15.65	15.59	15.63		
10	256QAM	25	25	15.65	15.74	15.63	15.65		
10	256QAM	50	0	15.58	15.65	15.50	15.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.60	20.73	20.57	20.61	22	0
5	QPSK	1	12	20.49	20.67	20.55	20.61		
5	QPSK	1	24	20.55	20.66	20.53	20.62		
5	QPSK	12	0	19.64	19.72	19.66	19.69	21	1
5	QPSK	12	7	19.53	19.60	19.57	19.56		
5	QPSK	12	13	19.59	19.61	19.60	19.48		
5	QPSK	25	0	19.54	19.59	19.60	19.50		
5	16QAM	1	0	19.54	19.64	19.59	19.53	21	1
5	16QAM	1	12	19.49	19.63	19.60	19.53		
5	16QAM	1	24	19.57	19.59	19.60	19.55		
5	16QAM	12	0	18.51	18.60	18.58	18.62	20	2
5	16QAM	12	7	18.48	18.59	18.54	18.57		
5	16QAM	12	13	18.61	18.68	18.51	18.64		
5	16QAM	25	0	18.56	18.58	18.49	18.46		
5	64QAM	1	0	18.23	18.23	18.21	18.20	20	2
5	64QAM	1	12	18.22	18.32	18.27	18.18		
5	64QAM	1	24	18.25	18.43	18.33	18.33		
5	64QAM	12	0	17.60	17.64	17.60	17.56	19	3
5	64QAM	12	7	17.48	17.59	17.53	17.57		
5	64QAM	12	13	17.55	17.66	17.55	17.69		
5	64QAM	25	0	17.55	17.57	17.50	17.52		
5	256QAM	1	0	15.31	15.41	15.44	15.44	17	5
5	256QAM	1	12	15.46	15.47	15.40	15.37		
5	256QAM	1	24	15.54	15.58	15.51	15.49		
5	256QAM	12	0	15.59	15.60	15.56	15.50	17	5
5	256QAM	12	7	15.58	15.62	15.54	15.58		
5	256QAM	12	13	15.60	15.70	15.61	15.66		
5	256QAM	25	0	15.57	15.62	15.52	15.51		

Reduced Power Mode for Main PA ECI5

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.46	32.68	32.66	**34.00**	23.46	23.68	23.66	**25.00**
GPRS 1 Tx slot		32.44	32.67	32.65	**34.00**	23.44	23.67	23.65	**25.00**
GPRS 2 Tx slots		29.63	29.85	29.83	**31.00**	23.63	23.85	23.83	**25.00**
GPRS 3 Tx slots		27.88	28.15	28.11	**29.20**	23.62	23.89	23.85	**24.94**
GPRS 4 Tx slots		26.56	26.76	26.73	**28.00**	23.56	23.76	23.73	**25.00**
EDGE 1 Tx slot		26.91	27.08	26.98	**28.00**	17.91	18.08	17.98	**19.00**
EDGE 2 Tx slots		23.73	23.89	23.79	**25.00**	17.73	17.89	17.79	**19.00**
EDGE 3 Tx slots		21.53	21.71	21.65	**23.20**	17.27	17.45	17.39	**18.94**
EDGE 4 Tx slots		20.15	20.27	20.26	**22.00**	17.15	17.27	17.26	**19.00**
DTM Multi-slot class 5	GSM 1 Tx slot	29.63	29.78	29.76	**31.00**	23.60	23.75	23.77	**24.98**
	GPRS 1 Tx slot	29.61	29.77	29.82	**31.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.62	29.86	29.68	**31.00**	23.55	23.77	23.66	**24.98**
	GPRS 1 Tx slot	29.52	29.72	29.69	**31.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.85	28.16	28.15	**29.20**	23.57	23.87	23.90	**24.94**
	GPRS 2 Tx slots	27.82	28.12	28.16	**29.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.85	29.85	**31.00**	21.60	21.76	21.73	**22.94**
	EDGE 1 Tx slot	23.51	23.67	23.52	**25.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	29.64	29.94	29.77	**31.00**	21.55	21.81	21.65	**22.94**
	EDGE 1 Tx slot	23.49	23.56	23.45	**25.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	27.94	28.24	28.09	**29.20**	20.46	20.73	20.58	**21.94**
	EDGE 2 Tx slots	21.24	21.47	21.31	**23.20**				

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		29.12	29.33	29.30	**30.50**	20.12	20.33	20.30	**21.50**
GPRS 1 Tx slot		29.11	29.31	29.28	**30.50**	20.11	20.31	20.28	**21.50**
GPRS 2 Tx slots		26.10	26.33	26.30	**27.50**	20.10	20.33	20.30	**21.50**
GPRS 3 Tx slots		24.45	24.66	24.62	**25.70**	20.19	20.40	20.36	**21.44**
GPRS 4 Tx slots		23.29	23.48	23.46	**24.50**	20.29	20.48	20.46	**21.50**
EDGE 1 Tx slot		23.36	23.57	23.46	**24.50**	14.36	14.57	14.46	**15.50**
EDGE 2 Tx slots		20.28	20.40	20.42	**21.50**	14.28	14.40	14.42	**15.50**
EDGE 3 Tx slots		18.09	18.19	18.12	**19.70**	13.83	13.93	13.86	**15.44**
EDGE 4 Tx slots		16.60	16.75	16.74	**18.50**	13.60	13.75	13.74	**15.50**
DTM Multi-slot class 5	GSM 1 Tx slot	26.03	26.32	26.26	**27.50**	20.03	20.25	20.18	**21.48**
	GPRS 1 Tx slot	26.07	26.23	26.14	**27.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.09	26.35	26.20	**27.50**	20.08	20.26	20.17	**21.48**
	GPRS 1 Tx slot	26.11	26.22	26.19	**27.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.57	24.59	24.73	**25.70**	20.21	20.42	20.39	**21.44**
	GPRS 2 Tx slots	24.42	24.72	24.61	**25.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	26.20	26.30	26.27	**27.50**	18.10	18.20	18.20	**19.44**
	EDGE 1 Tx slot	19.99	20.11	20.20	**21.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	26.09	26.35	26.33	**27.50**	18.02	18.26	18.22	**19.44**
	EDGE 1 Tx slot	20.04	20.18	20.08	**21.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	24.43	24.63	24.61	**25.70**	16.95	17.15	17.10	**18.44**
	EDGE 2 Tx slots	17.74	17.94	17.81	**19.70**				

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		30.09	30.31	30.23	**31.00**	21.09	21.31	21.23	**22.00**
GPRS 1 Tx slot		30.08	30.30	30.22	**31.00**	21.08	21.30	21.22	**22.00**
GPRS 2 Tx slots		27.15	27.34	27.31	**28.00**	21.15	21.34	21.31	**22.00**
GPRS 3 Tx slots		25.35	25.63	25.58	**26.20**	21.09	21.37	21.32	**21.94**
GPRS 4 Tx slots		24.09	24.32	24.28	**25.00**	21.09	21.32	21.28	**22.00**
EDGE 1 Tx slot		25.62	26.07	25.65	**27.00**	16.62	17.07	16.65	**18.00**
EDGE 2 Tx slots		22.22	22.53	22.21	**24.00**	16.22	16.53	16.21	**18.00**
EDGE 3 Tx slots		20.27	20.45	20.20	**22.20**	16.01	16.19	15.94	**17.94**
EDGE 4 Tx slots		19.11	19.15	19.09	**21.00**	16.11	16.15	16.09	**18.00**
DTM Multi-slot class 5	GSM 1 Tx slot	27.17	27.28	27.20	**28.00**	21.14	21.23	21.24	**21.98**
	GPRS 1 Tx slot	27.15	27.23	27.32	**28.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.10	27.36	27.32	**28.00**	21.05	21.33	21.29	**21.98**
	GPRS 1 Tx slot	27.04	27.35	27.30	**28.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.41	25.74	25.66	**26.20**	21.13	21.45	21.37	**21.94**
	GPRS 2 Tx slots	25.38	25.70	25.61	**26.20**				
DTM Multi-slot class 5	GSM 1 Tx slot	27.19	27.36	27.37	**28.00**	19.31	19.50	19.45	**20.42**
	EDGE 1 Tx slot	22.01	22.28	22.02	**24.00**				
DTM Multi-slot class 9	GSM 1 Tx slot	27.13	27.29	27.30	**28.00**	19.26	19.43	19.40	**20.42**
	EDGE 1 Tx slot	22.00	22.18	22.02	**24.00**				
DTM Multi-slot class 11	GSM 1 Tx slot	25.37	25.58	25.56	**26.20**	18.40	18.54	18.53	**19.71**
	EDGE 2 Tx slots	20.20	20.22	20.21	**22.20**				

GSM1900_Ant 5		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		28.53	28.60	28.56	**29.50**	19.53	19.60	19.56	**20.50**
GPRS 1 Tx slot		28.51	28.58	28.55	**29.50**	19.51	19.58	19.55	**20.50**
GPRS 2 Tx slots		25.58	25.61	25.60	**26.50**	19.58	19.61	19.60	**20.50**
GPRS 3 Tx slots		23.82	23.86	23.85	**24.70**	19.56	19.60	19.59	**20.44**
GPRS 4 Tx slots		22.58	22.63	22.60	**23.50**	19.58	19.63	19.60	**20.50**
EDGE 1 Tx slot		24.17	24.63	24.15	**25.50**	15.17	15.63	15.15	**16.50**
EDGE 2 Tx slots		20.71	21.13	20.63	**22.50**	14.71	15.13	14.63	**16.50**
EDGE 3 Tx slots		18.72	18.85	18.72	**20.70**	14.46	14.59	14.46	**16.44**
EDGE 4 Tx slots		17.61	17.67	17.59	**19.50**	14.61	14.67	14.59	**16.50**
DTM Multi-slot class 5	GSM 1 Tx slot	25.56	25.57	25.52	**26.50**	19.47	19.52	19.48	**20.48**
	GPRS 1 Tx slot	25.41	25.51	25.49	**26.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.56	25.55	25.54	**26.50**	19.48	19.54	19.52	**20.48**
	GPRS 1 Tx slot	25.44	25.57	25.54	**26.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.80	23.85	23.86	**24.70**	19.58	19.59	19.61	**20.44**
	GPRS 2 Tx slots	23.86	23.85	23.87	**24.70**				
DTM Multi-slot class 5	GSM 1 Tx slot	25.66	25.60	25.54	**26.50**	17.80	17.81	17.72	**18.92**
	EDGE 1 Tx slot	20.56	20.79	20.60	**22.50**				
DTM Multi-slot class 9	GSM 1 Tx slot	25.65	25.70	25.61	**26.50**	17.79	17.88	17.76	**18.92**
	EDGE 1 Tx slot	20.56	20.79	20.54	**22.50**				
DTM Multi-slot class 11	GSM 1 Tx slot	23.91	23.88	23.95	**24.70**	16.99	16.99	17.02	**18.21**
	EDGE 2 Tx slots	18.87	18.90	18.89	**20.70**				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA II_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.20	20.23	20.21	**21.00**	19.12	19.16	19.15	**20.50**
3GPP Rel 99	RMC 12.2Kbps	20.22	20.25	20.23	**21.00**	19.15	19.18	19.17	**20.50**
3GPP Rel 6	HSDPA Subtest-1	18.92	19.01	18.67	**20.00**	18.01	18.10	18.06	**19.50**
3GPP Rel 6	HSDPA Subtest-2	19.04	19.02	19.09	**20.00**	17.98	18.06	18.15	**19.50**
3GPP Rel 6	HSDPA Subtest-3	18.54	18.54	18.63	**19.50**	17.58	17.50	17.58	**19.00**
3GPP Rel 6	HSDPA Subtest-4	18.42	18.53	18.60	**19.50**	17.46	17.47	17.50	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-1	18.97	19.00	18.58	**20.00**	17.87	17.98	18.02	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-2	18.85	18.87	18.87	**20.00**	17.88	17.91	18.03	**19.50**
3GPP Rel 8	DC-HSDPA Subtest-3	18.48	18.53	18.48	**19.50**	17.45	17.50	17.52	**19.00**
3GPP Rel 8	DC-HSDPA Subtest-4	18.38	18.48	18.33	**19.50**	17.43	17.52	17.54	**19.00**
3GPP Rel 6	HSUPA Subtest-1	17.07	17.09	17.03	**19.00**	16.58	16.56	16.57	**18.50**
3GPP Rel 6	HSUPA Subtest-2	16.75	16.79	16.90	**17.00**	16.11	16.12	16.16	**16.50**
3GPP Rel 6	HSUPA Subtest-3	17.82	17.90	17.91	**18.00**	17.01	17.05	17.14	**17.50**
3GPP Rel 6	HSUPA Subtest-4	16.48	16.53	16.67	**17.00**	15.47	15.68	15.61	**16.50**
3GPP Rel 6	HSUPA Subtest-5	17.97	18.09	18.06	**19.00**	16.97	17.08	17.18	**18.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.45	16.44	16.42	**16.50**	15.90	15.93	15.76	**16.00**

Band		WCDMA IV_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 5			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	18.62	18.65	18.61	**19.50**	20.06	20.10	20.08	**21.50**
3GPP Rel 99	RMC 12.2Kbps	18.64	18.68	18.64	**19.50**	20.08	20.11	20.10	**21.50**
3GPP Rel 6	HSDPA Subtest-1	17.44	17.51	17.57	**18.50**	18.85	18.94	18.90	**20.50**
3GPP Rel 6	HSDPA Subtest-2	17.48	17.50	17.56	**18.50**	18.75	18.81	18.92	**20.50**
3GPP Rel 6	HSDPA Subtest-3	17.00	16.99	17.06	**18.00**	18.46	18.46	18.39	**20.00**
3GPP Rel 6	HSDPA Subtest-4	16.96	16.95	17.06	**18.00**	18.35	18.36	18.35	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	17.42	17.38	17.43	**18.50**	18.78	18.83	18.91	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-2	17.40	17.34	17.26	**18.50**	18.77	18.75	18.81	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-3	16.91	17.01	16.98	**18.00**	18.27	18.25	18.34	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	16.91	16.96	17.01	**18.00**	18.32	18.21	18.31	**20.00**
3GPP Rel 6	HSUPA Subtest-1	15.66	15.80	15.81	**17.50**	17.58	17.60	17.59	**19.50**
3GPP Rel 6	HSUPA Subtest-2	15.30	15.34	15.38	**15.50**	16.83	16.85	17.07	**17.50**
3GPP Rel 6	HSUPA Subtest-3	16.32	16.40	16.45	**16.50**	17.78	17.98	17.97	**18.50**
3GPP Rel 6	HSUPA Subtest-4	14.99	15.06	15.18	**15.50**	16.32	16.46	16.57	**17.50**
3GPP Rel 6	HSUPA Subtest-5	16.42	16.53	16.60	**17.50**	17.87	17.99	17.85	**19.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.91	14.87	14.88	**15.00**	16.68	16.87	16.82	**17.00**

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.83	23.93	23.82	**25.00**	20.09	20.15	20.04	**21.50**
3GPP Rel 99	RMC 12.2Kbps	23.86	23.95	23.85	**25.00**	20.13	20.20	20.08	**21.50**
3GPP Rel 6	HSDPA Subtest-1	22.84	22.92	22.82	**24.00**	19.07	19.04	18.98	**20.50**
3GPP Rel 6	HSDPA Subtest-2	22.83	22.93	22.82	**24.00**	19.04	19.17	18.99	**20.50**
3GPP Rel 6	HSDPA Subtest-3	22.37	22.43	22.32	**23.50**	18.51	18.60	18.56	**20.00**
3GPP Rel 6	HSDPA Subtest-4	22.32	22.41	22.29	**23.50**	18.50	18.57	18.47	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	22.77	22.88	22.74	**24.00**	18.95	19.00	18.94	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-2	22.78	22.85	22.71	**24.00**	18.97	18.95	18.97	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-3	22.33	22.30	22.26	**23.50**	18.48	18.47	18.52	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	22.30	22.35	22.33	**23.50**	18.54	18.44	18.46	**20.00**
3GPP Rel 6	HSUPA Subtest-1	21.31	21.37	21.27	**23.00**	17.53	17.54	17.55	**19.50**
3GPP Rel 6	HSUPA Subtest-2	20.78	20.88	20.76	**21.00**	17.02	17.11	17.02	**17.50**
3GPP Rel 6	HSUPA Subtest-3	21.83	21.88	21.79	**22.00**	18.06	18.15	18.03	**18.50**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.40	20.25	**21.00**	16.46	16.56	16.46	**17.50**
3GPP Rel 6	HSUPA Subtest-5	21.80	21.90	21.80	**23.00**	17.95	18.04	17.94	**19.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.45	20.47	**20.50**	16.82	16.82	16.73	**17.00**

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	20.06	20.10	20.03	21	0
20	QPSK	1	49	20.03	20.07	19.96		
20	QPSK	1	99	19.92	19.87	19.88		
20	QPSK	50	0	20.03	20.06	20.01	21	0
20	QPSK	50	24	19.96	19.96	19.98		
20	QPSK	50	50	19.89	19.93	19.94		
20	QPSK	100	0	20.01	20.03	20.00		
20	16QAM	1	0	19.87	19.87	19.92	21	0
20	16QAM	1	49	19.90	19.87	19.88		
20	16QAM	1	99	19.88	19.87	19.96		
20	16QAM	50	0	19.93	19.91	19.97	21	0
20	16QAM	50	24	19.95	19.88	19.90		
20	16QAM	50	50	19.93	19.90	19.93		
20	16QAM	100	0	19.87	19.90	19.88		
20	64QAM	1	0	19.87	19.86	19.95	21	0
20	64QAM	1	49	19.88	19.93	19.91		
20	64QAM	1	99	19.93	19.93	19.94		
20	64QAM	50	0	19.89	19.90	19.95	21	0
20	64QAM	50	24	19.87	19.88	19.93		
20	64QAM	50	50	19.91	19.90	19.90		
20	64QAM	100	0	19.91	19.94	19.92		
20	256QAM	1	0	19.17	19.16	19.12	20	1
20	256QAM	1	49	19.20	19.12	19.15		
20	256QAM	1	99	19.10	19.09	19.15		
20	256QAM	50	0	18.91	18.98	19.01	20	1
20	256QAM	50	24	18.96	18.98	19.03		
20	256QAM	50	50	19.00	18.93	18.98		
20	256QAM	100	0	18.88	18.96	18.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.99	20.05	20.02	21	0
15	QPSK	1	37	19.96	19.98	19.92		
15	QPSK	1	74	19.83	19.83	19.86		
15	QPSK	36	0	19.98	20.00	19.99	21	0
15	QPSK	36	20	19.91	19.92	19.97		
15	QPSK	36	39	19.88	19.83	19.89		
15	QPSK	75	0	19.92	19.94	19.91		
15	16QAM	1	0	19.84	19.83	19.89	21	0
15	16QAM	1	37	19.84	19.86	19.86		
15	16QAM	1	74	19.79	19.83	19.90		
15	16QAM	36	0	19.87	19.86	19.95	21	0
15	16QAM	36	20	19.92	19.87	19.85		
15	16QAM	36	39	19.88	19.87	19.92		
15	16QAM	75	0	19.77	19.83	19.86		
15	64QAM	1	0	19.83	19.82	19.90	21	0
15	64QAM	1	37	19.81	19.90	19.82		
15	64QAM	1	74	19.91	19.88	19.87		
15	64QAM	36	0	19.88	19.88	19.93	21	0
15	64QAM	36	20	19.77	19.87	19.85		
15	64QAM	36	39	19.82	19.85	19.85		
15	64QAM	75	0	19.81	19.92	19.85		
15	256QAM	1	0	19.13	19.13	19.04	20	1
15	256QAM	1	37	19.14	19.11	19.11		
15	256QAM	1	74	19.04	19.00	19.05		
15	256QAM	36	0	18.90	18.92	18.97	20	1
15	256QAM	36	20	18.86	18.89	18.96		
15	256QAM	36	39	18.93	18.92	18.96		
15	256QAM	75	0	18.82	18.89	18.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.96	20.08	19.95	21	0
10	QPSK	1	25	19.95	19.97	19.91		
10	QPSK	1	49	19.82	19.85	19.86		
10	QPSK	25	0	20.01	19.98	19.91	21	0
10	QPSK	25	12	19.94	19.86	19.89		
10	QPSK	25	25	19.81	19.86	19.88		
10	QPSK	50	0	19.99	19.93	19.91		
10	16QAM	1	0	19.86	19.82	19.88	21	0
10	16QAM	1	25	19.83	19.84	19.86		
10	16QAM	1	49	19.84	19.77	19.90		
10	16QAM	25	0	19.87	19.87	19.91	21	0
10	16QAM	25	12	19.92	19.84	19.83		
10	16QAM	25	25	19.86	19.86	19.90		
10	16QAM	50	0	19.82	19.89	19.81		
10	64QAM	1	0	19.82	19.79	19.86	21	0
10	64QAM	1	25	19.86	19.88	19.83		
10	64QAM	1	49	19.87	19.83	19.88		
10	64QAM	25	0	19.79	19.81	19.87	21	0
10	64QAM	25	12	19.84	19.80	19.87		
10	64QAM	25	25	19.83	19.80	19.80		
10	64QAM	50	0	19.86	19.85	19.83		
10	256QAM	1	0	19.16	19.12	19.04	20	1
10	256QAM	1	25	19.18	19.04	19.14		
10	256QAM	1	49	19.03	19.06	19.06		
10	256QAM	25	0	18.88	18.90	18.92	20	1
10	256QAM	25	12	18.90	18.92	19.00		
10	256QAM	25	25	18.96	18.84	18.91		
10	256QAM	50	0	18.86	18.91	18.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.97	20.02	19.95	21	0
5	QPSK	1	12	19.97	20.01	19.95		
5	QPSK	1	24	19.88	19.83	19.86		
5	QPSK	12	0	20.02	19.98	19.94	21	0
5	QPSK	12	7	19.89	19.90	19.91		
5	QPSK	12	13	19.86	19.92	19.90		
5	QPSK	25	0	19.92	19.95	19.97		
5	16QAM	1	0	19.84	19.83	19.89	21	0
5	16QAM	1	12	19.83	19.83	19.85		
5	16QAM	1	24	19.78	19.85	19.91		
5	16QAM	12	0	19.92	19.82	19.92	21	0
5	16QAM	12	7	19.85	19.86	19.84		
5	16QAM	12	13	19.90	19.87	19.87		
5	16QAM	25	0	19.86	19.84	19.78		
5	64QAM	1	0	19.77	19.78	19.93	21	0
5	64QAM	1	12	19.82	19.88	19.82		
5	64QAM	1	24	19.87	19.89	19.87		
5	64QAM	12	0	19.87	19.88	19.94	21	0
5	64QAM	12	7	19.84	19.82	19.87		
5	64QAM	12	13	19.88	19.85	19.84		
5	64QAM	25	0	19.89	19.87	19.83		
5	256QAM	1	0	19.16	19.13	19.10	20	1
5	256QAM	1	12	19.11	19.04	19.12		
5	256QAM	1	24	19.01	19.08	19.11		
5	256QAM	12	0	18.89	18.91	18.97	20	1
5	256QAM	12	7	18.90	18.95	19.01		
5	256QAM	12	13	18.96	18.88	18.90		
5	256QAM	25	0	18.84	18.86	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.04	20.03	19.93	21	0
3	QPSK	1	8	19.97	19.98	19.93		
3	QPSK	1	14	19.91	19.84	19.83		
3	QPSK	8	0	20.00	20.04	19.93	21	0
3	QPSK	8	4	19.88	19.92	19.93		
3	QPSK	8	7	19.81	19.90	19.86		
3	QPSK	15	0	19.97	19.98	19.97		
3	16QAM	1	0	19.77	19.82	19.84	21	0
3	16QAM	1	8	19.87	19.77	19.84		
3	16QAM	1	14	19.82	19.84	19.86		
3	16QAM	8	0	19.87	19.84	19.92	21	0
3	16QAM	8	4	19.90	19.81	19.86		
3	16QAM	8	7	19.90	19.88	19.92		
3	16QAM	15	0	19.83	19.87	19.80		
3	64QAM	1	0	19.79	19.76	19.86	21	0
3	64QAM	1	8	19.82	19.85	19.86		
3	64QAM	1	14	19.86	19.89	19.86		
3	64QAM	8	0	19.83	19.88	19.87	21	0
3	64QAM	8	4	19.81	19.83	19.87		
3	64QAM	8	7	19.82	19.84	19.83		
3	64QAM	15	0	19.85	19.84	19.88		
3	256QAM	1	0	19.07	19.06	19.02	20	1
3	256QAM	1	8	19.13	19.05	19.08		
3	256QAM	1	14	19.04	19.06	19.08		
3	256QAM	8	0	18.89	18.88	18.91	20	1
3	256QAM	8	4	18.92	18.96	18.94		
3	256QAM	8	7	18.92	18.89	18.96		
3	256QAM	15	0	18.81	18.93	18.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.98	20.03	19.95	21	0
1.4	QPSK	1	3	19.98	19.98	19.93		
1.4	QPSK	1	5	19.88	19.85	19.81		
1.4	QPSK	3	0	19.96	19.96	19.97		
1.4	QPSK	3	1	19.93	19.90	19.97		
1.4	QPSK	3	3	19.82	19.91	19.87		
1.4	QPSK	6	0	19.99	20.00	19.93	21	0
1.4	16QAM	1	0	19.81	19.77	19.85	21	0
1.4	16QAM	1	3	19.80	19.83	19.78		
1.4	16QAM	1	5	19.83	19.81	19.94		
1.4	16QAM	3	0	19.83	19.86	19.90		
1.4	16QAM	3	1	19.89	19.81	19.81		
1.4	16QAM	3	3	19.86	19.89	19.83		
1.4	16QAM	6	0	19.83	19.84	19.84	21	0
1.4	64QAM	1	0	19.84	19.77	19.87	21	0
1.4	64QAM	1	3	19.81	19.86	19.88		
1.4	64QAM	1	5	19.84	19.86	19.90		
1.4	64QAM	3	0	19.85	19.81	19.92		
1.4	64QAM	3	1	19.77	19.86	19.85		
1.4	64QAM	3	3	19.88	19.89	19.83		
1.4	64QAM	6	0	19.85	19.90	19.84	21	0
1.4	256QAM	1	0	19.11	19.14	19.11	20	1
1.4	256QAM	1	3	19.10	19.10	19.07		
1.4	256QAM	1	5	19.06	19.07	19.09		
1.4	256QAM	3	0	18.90	18.92	18.94		
1.4	256QAM	3	1	18.87	18.93	19.01		
1.4	256QAM	3	3	18.92	18.85	18.96		
1.4	256QAM	6	0	18.83	18.92	18.79	20	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.85	21.90	21.83	23	0
20	QPSK	1	49	21.75	21.88	21.80		
20	QPSK	1	99	21.80	21.81	21.80		
20	QPSK	50	0	21.58	21.88	21.82	23	0
20	QPSK	50	24	21.57	21.86	21.81		
20	QPSK	50	50	21.52	21.77	21.81		
20	QPSK	100	0	21.71	21.85	21.82		
20	16QAM	1	0	21.84	21.82	21.80	23	0
20	16QAM	1	49	21.80	21.86	21.82		
20	16QAM	1	99	21.80	21.83	21.82		
20	16QAM	50	0	20.80	20.87	20.82	22	1
20	16QAM	50	24	20.80	20.84	20.80		
20	16QAM	50	50	20.76	20.78	20.80		
20	16QAM	100	0	20.79	20.82	20.78		
20	64QAM	1	0	20.89	21.02	20.98	22	1
20	64QAM	1	49	20.98	20.98	20.90		
20	64QAM	1	99	20.87	20.88	20.93		
20	64QAM	50	0	19.82	19.89	19.83	21	2
20	64QAM	50	24	19.81	19.86	19.82		
20	64QAM	50	50	19.77	19.79	19.80		
20	64QAM	100	0	19.82	19.83	19.79		
20	256QAM	1	0	17.95	17.92	17.94	19	4
20	256QAM	1	49	17.78	17.83	17.90		
20	256QAM	1	99	17.83	17.81	17.89		
20	256QAM	50	0	17.80	17.75	17.76	19	4
20	256QAM	50	24	17.74	17.74	17.80		
20	256QAM	50	50	17.68	17.68	17.65		
20	256QAM	100	0	17.63	17.71	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.78	21.80	21.74	23	0
15	QPSK	1	37	21.74	21.81	21.76		
15	QPSK	1	74	21.72	21.77	21.72		
15	QPSK	36	0	21.53	21.85	21.77	23	0
15	QPSK	36	20	21.56	21.78	21.76		
15	QPSK	36	39	21.46	21.71	21.72		
15	QPSK	75	0	21.68	21.82	21.72		
15	16QAM	1	0	21.79	21.81	21.74	23	0
15	16QAM	1	37	21.71	21.77	21.76		
15	16QAM	1	74	21.77	21.75	21.79		
15	16QAM	36	0	20.69	20.78	20.77	22	1
15	16QAM	36	20	20.78	20.79	20.75		
15	16QAM	36	39	20.66	20.76	20.76		
15	16QAM	75	0	20.69	20.76	20.68		
15	64QAM	1	0	20.81	20.96	20.95	22	1
15	64QAM	1	37	20.92	20.93	20.82		
15	64QAM	1	74	20.78	20.83	20.89		
15	64QAM	36	0	19.77	19.79	19.81	21	2
15	64QAM	36	20	19.74	19.84	19.80		
15	64QAM	36	39	19.73	19.72	19.76		
15	64QAM	75	0	19.73	19.76	19.74		
15	256QAM	1	0	17.92	17.89	17.94	19	4
15	256QAM	1	37	17.72	17.87	17.86		
15	256QAM	1	74	17.84	17.81	17.86		
15	256QAM	36	0	17.80	17.78	17.80	19	4
15	256QAM	36	20	17.82	17.77	17.83		
15	256QAM	36	39	17.69	17.65	17.65		
15	256QAM	75	0	17.58	17.73	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.83	21.85	21.78	23	0
10	QPSK	1	25	21.66	21.82	21.76		
10	QPSK	1	49	21.76	21.72	21.70		
10	QPSK	25	0	21.56	21.81	21.72	23	0
10	QPSK	25	12	21.54	21.76	21.78		
10	QPSK	25	25	21.47	21.76	21.72		
10	QPSK	50	0	21.64	21.76	21.78		
10	16QAM	1	0	21.75	21.75	21.78	23	0
10	16QAM	1	25	21.76	21.79	21.74		
10	16QAM	1	49	21.75	21.78	21.77		
10	16QAM	25	0	20.75	20.76	20.71	22	1
10	16QAM	25	12	20.78	20.81	20.77		
10	16QAM	25	25	20.71	20.73	20.76		
10	16QAM	50	0	20.69	20.79	20.69		
10	64QAM	1	0	20.78	20.93	20.91	22	1
10	64QAM	1	25	20.95	20.96	20.85		
10	64QAM	1	49	20.76	20.78	20.83		
10	64QAM	25	0	19.71	19.78	19.73	21	2
10	64QAM	25	12	19.75	19.80	19.72		
10	64QAM	25	25	19.67	19.76	19.74		
10	64QAM	50	0	19.71	19.79	19.73		
10	256QAM	1	0	17.89	18.00	18.01	19	4
10	256QAM	1	25	17.83	17.89	17.82		
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	17.79	17.73	17.77	19	4
10	256QAM	25	12	17.74	17.74	17.80		
10	256QAM	25	25	17.76	17.75	17.67		
10	256QAM	50	0	17.66	17.72	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.80	21.81	21.73	23	0
5	QPSK	1	12	21.67	21.78	21.79		
5	QPSK	1	24	21.73	21.72	21.75		
5	QPSK	12	0	21.57	21.87	21.72	23	0
5	QPSK	12	7	21.49	21.84	21.73		
5	QPSK	12	13	21.50	21.67	21.74		
5	QPSK	25	0	21.68	21.79	21.78		
5	16QAM	1	0	21.80	21.75	21.72	23	0
5	16QAM	1	12	21.71	21.78	21.73		
5	16QAM	1	24	21.78	21.80	21.79		
5	16QAM	12	0	20.77	20.80	20.72	22	1
5	16QAM	12	7	20.69	20.81	20.71		
5	16QAM	12	13	20.68	20.71	20.77		
5	16QAM	25	0	20.69	20.79	20.76		
5	64QAM	1	0	20.86	21.00	20.93	22	1
5	64QAM	1	12	20.94	20.91	20.88		
5	64QAM	1	24	20.85	20.81	20.86		
5	64QAM	12	0	19.73	19.87	19.73	21	2
5	64QAM	12	7	19.71	19.79	19.80		
5	64QAM	12	13	19.70	19.71	19.70		
5	64QAM	25	0	19.73	19.78	19.75		
5	256QAM	1	0	17.87	17.95	18.00	19	4
5	256QAM	1	12	17.83	17.77	17.91		
5	256QAM	1	24	17.83	17.89	17.84		
5	256QAM	12	0	17.78	17.72	17.80	19	4
5	256QAM	12	7	17.73	17.77	17.85		
5	256QAM	12	13	17.63	17.67	17.69		
5	256QAM	25	0	17.66	17.73	17.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.76	21.89	21.81	23	0
3	QPSK	1	8	21.71	21.84	21.76		
3	QPSK	1	14	21.79	21.77	21.77		
3	QPSK	8	0	21.56	21.82	21.80	23	0
3	QPSK	8	4	21.49	21.85	21.79		
3	QPSK	8	7	21.51	21.75	21.72		
3	QPSK	15	0	21.66	21.83	21.77		
3	16QAM	1	0	21.80	21.72	21.77	23	0
3	16QAM	1	8	21.71	21.79	21.73		
3	16QAM	1	14	21.75	21.76	21.77		
3	16QAM	8	0	20.77	20.83	20.77	22	1
3	16QAM	8	4	20.71	20.77	20.75		
3	16QAM	8	7	20.74	20.73	20.72		
3	16QAM	15	0	20.74	20.74	20.72		
3	64QAM	1	0	20.87	20.92	20.94	22	1
3	64QAM	1	8	20.92	20.88	20.81		
3	64QAM	1	14	20.78	20.85	20.82		
3	64QAM	8	0	19.77	19.82	19.77	21	2
3	64QAM	8	4	19.71	19.78	19.72		
3	64QAM	8	7	19.68	19.70	19.69		
3	64QAM	15	0	19.80	19.80	19.76		
3	256QAM	1	0	17.92	17.88	17.90	19	4
3	256QAM	1	8	17.74	17.75	17.83		
3	256QAM	1	14	17.85	17.81	17.83		
3	256QAM	8	0	17.83	17.81	17.70	19	4
3	256QAM	8	4	17.70	17.78	17.81		
3	256QAM	8	7	17.70	17.65	17.73		
3	256QAM	15	0	17.67	17.70	17.84		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.82	21.86	21.82	23	0
1.4	QPSK	1	3	21.66	21.83	21.73		
1.4	QPSK	1	5	21.72	21.79	21.79		
1.4	QPSK	3	0	21.53	21.82	21.80		
1.4	QPSK	3	1	21.56	21.76	21.73		
1.4	QPSK	3	3	21.45	21.68	21.79		
1.4	QPSK	6	0	21.63	21.79	21.79	23	0
1.4	16QAM	1	0	21.78	21.80	21.77	23	0
1.4	16QAM	1	3	21.76	21.79	21.74		
1.4	16QAM	1	5	21.75	21.75	21.73		
1.4	16QAM	3	0	21.56	21.78	21.74		
1.4	16QAM	3	1	21.49	21.76	21.75		
1.4	16QAM	3	3	21.48	21.74	21.76		
1.4	16QAM	6	0	20.69	20.85	20.76	22	1
1.4	64QAM	1	0	20.69	20.77	20.74	22	1
1.4	64QAM	1	3	20.71	20.74	20.75		
1.4	64QAM	1	5	20.76	20.77	20.69		
1.4	64QAM	3	0	20.87	21.00	20.91		
1.4	64QAM	3	1	20.88	20.92	20.84		
1.4	64QAM	3	3	20.79	20.80	20.87		
1.4	64QAM	6	0	19.76	19.78	19.78	21	2
1.4	256QAM	1	0	17.97	17.85	17.96	19	4
1.4	256QAM	1	3	17.74	17.79	17.93		
1.4	256QAM	1	5	17.79	17.88	17.88		
1.4	256QAM	3	0	17.88	17.79	17.80		
1.4	256QAM	3	1	17.81	17.66	17.87		
1.4	256QAM	3	3	17.76	17.61	17.62		
1.4	256QAM	6	0	17.65	17.72	17.70	19	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.65	18.66	18.63	20	0
20	QPSK	1	49	18.53	18.54	18.50		
20	QPSK	1	99	18.55	18.60	18.59		
20	QPSK	50	0	18.62	18.63	18.60	20	0
20	QPSK	50	24	18.60	18.57	18.55		
20	QPSK	50	50	18.60	18.57	18.54		
20	QPSK	100	0	18.58	18.60	18.56		
20	16QAM	1	0	18.53	18.56	18.53	20	0
20	16QAM	1	49	18.52	18.59	18.51		
20	16QAM	1	99	18.52	18.53	18.56		
20	16QAM	50	0	18.61	18.58	18.57	20	0
20	16QAM	50	24	18.58	18.54	18.50		
20	16QAM	50	50	18.60	18.62	18.58		
20	16QAM	100	0	18.54	18.56	18.52		
20	64QAM	1	0	18.56	18.55	18.52	20	0
20	64QAM	1	49	18.54	18.62	18.56		
20	64QAM	1	99	18.61	18.53	18.57		
20	64QAM	50	0	18.60	18.54	18.54	20	0
20	64QAM	50	24	18.61	18.58	18.58		
20	64QAM	50	50	18.57	18.58	18.50		
20	64QAM	100	0	18.54	18.55	18.58		
20	256QAM	1	0	18.59	18.59	18.50	20	0
20	256QAM	1	49	18.52	18.62	18.52		
20	256QAM	1	99	18.52	18.53	18.59		
20	256QAM	50	0	18.58	18.56	18.56	20	0
20	256QAM	50	24	18.58	18.53	18.57		
20	256QAM	50	50	18.57	18.59	18.56		
20	256QAM	100	0	18.58	18.62	18.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.58	18.60	18.50	20	0
15	QPSK	1	37	18.57	18.56	18.54		
15	QPSK	1	74	18.60	18.62	18.52		
15	QPSK	36	0	18.61	18.60	18.57	20	0
15	QPSK	36	20	18.57	18.59	18.58		
15	QPSK	36	39	18.52	18.61	18.50		
15	QPSK	75	0	18.53	18.60	18.54		
15	16QAM	1	0	18.59	18.60	18.50	20	0
15	16QAM	1	37	18.57	18.54	18.55		
15	16QAM	1	74	18.53	18.62	18.55		
15	16QAM	36	0	18.58	18.55	18.50	20	0
15	16QAM	36	20	18.52	18.61	18.54		
15	16QAM	36	39	18.54	18.59	18.58		
15	16QAM	75	0	18.53	18.56	18.54		
15	64QAM	1	0	18.57	18.57	18.59	20	0
15	64QAM	1	37	18.52	18.58	18.54		
15	64QAM	1	74	18.59	18.59	18.53		
15	64QAM	36	0	18.58	18.62	18.54	20	0
15	64QAM	36	20	18.59	18.54	18.52		
15	64QAM	36	39	18.52	18.58	18.56		
15	64QAM	75	0	18.59	18.55	18.53		
15	256QAM	1	0	18.56	18.55	18.53	20	0
15	256QAM	1	37	18.54	18.55	18.55		
15	256QAM	1	74	18.55	18.61	18.53		
15	256QAM	36	0	18.55	18.55	18.52	20	0
15	256QAM	36	20	18.52	18.59	18.51		
15	256QAM	36	39	18.53	18.60	18.53		
15	256QAM	75	0	18.60	18.58	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.53	18.54	18.55	20	0
10	QPSK	1	25	18.58	18.62	18.57		
10	QPSK	1	49	18.55	18.59	18.57		
10	QPSK	25	0	18.57	18.56	18.53	20	0
10	QPSK	25	12	18.57	18.57	18.59		
10	QPSK	25	25	18.59	18.54	18.58		
10	QPSK	50	0	18.57	18.57	18.57		
10	16QAM	1	0	18.60	18.57	18.54	20	0
10	16QAM	1	25	18.52	18.53	18.59		
10	16QAM	1	49	18.52	18.62	18.50		
10	16QAM	25	0	18.57	18.58	18.50	20	0
10	16QAM	25	12	18.61	18.62	18.57		
10	16QAM	25	25	18.54	18.53	18.59		
10	16QAM	50	0	18.53	18.55	18.59		
10	64QAM	1	0	18.57	18.57	18.54	20	0
10	64QAM	1	25	18.54	18.57	18.52		
10	64QAM	1	49	18.61	18.58	18.54		
10	64QAM	25	0	18.57	18.56	18.59	20	0
10	64QAM	25	12	18.60	18.62	18.53		
10	64QAM	25	25	18.56	18.56	18.59		
10	64QAM	50	0	18.57	18.59	18.54		
10	256QAM	1	0	18.61	18.59	18.51	20	0
10	256QAM	1	25	18.54	18.62	18.52		
10	256QAM	1	49	18.56	18.54	18.56		
10	256QAM	25	0	18.61	18.59	18.54	20	0
10	256QAM	25	12	18.57	18.55	18.54		
10	256QAM	25	25	18.52	18.53	18.53		
10	256QAM	50	0	18.52	18.59	18.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.52	18.60	18.56	20	0
5	QPSK	1	12	18.55	18.54	18.53		
5	QPSK	1	24	18.53	18.53	18.52		
5	QPSK	12	0	18.55	18.53	18.54	20	0
5	QPSK	12	7	18.53	18.62	18.56		
5	QPSK	12	13	18.58	18.60	18.52		
5	QPSK	25	0	18.59	18.59	18.54		
5	16QAM	1	0	18.58	18.54	18.54	20	0
5	16QAM	1	12	18.58	18.55	18.52		
5	16QAM	1	24	18.60	18.53	18.58		
5	16QAM	12	0	18.57	18.54	18.56	20	0
5	16QAM	12	7	18.60	18.56	18.59		
5	16QAM	12	13	18.60	18.55	18.55		
5	16QAM	25	0	18.56	18.61	18.50		
5	64QAM	1	0	18.61	18.59	18.58	20	0
5	64QAM	1	12	18.60	18.54	18.52		
5	64QAM	1	24	18.56	18.55	18.50		
5	64QAM	12	0	18.57	18.56	18.52	20	0
5	64QAM	12	7	18.52	18.59	18.59		
5	64QAM	12	13	18.59	18.61	18.56		
5	64QAM	25	0	18.55	18.55	18.56		
5	256QAM	1	0	18.57	18.60	18.59	20	0
5	256QAM	1	12	18.52	18.61	18.54		
5	256QAM	1	24	18.59	18.54	18.53		
5	256QAM	12	0	18.57	18.54	18.55	20	0
5	256QAM	12	7	18.59	18.57	18.59		
5	256QAM	12	13	18.53	18.56	18.52		
5	256QAM	25	0	18.56	18.53	18.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.56	18.58	18.53	20	0
3	QPSK	1	8	18.60	18.58	18.56		
3	QPSK	1	14	18.59	18.57	18.52		
3	QPSK	8	0	18.58	18.61	18.59	20	0
3	QPSK	8	4	18.59	18.58	18.51		
3	QPSK	8	7	18.60	18.58	18.53		
3	QPSK	15	0	18.55	18.57	18.55		
3	16QAM	1	0	18.59	18.59	18.53	20	0
3	16QAM	1	8	18.59	18.54	18.57		
3	16QAM	1	14	18.57	18.53	18.51		
3	16QAM	8	0	18.60	18.62	18.55	20	0
3	16QAM	8	4	18.55	18.60	18.53		
3	16QAM	8	7	18.61	18.59	18.55		
3	16QAM	15	0	18.55	18.58	18.52		
3	64QAM	1	0	18.52	18.56	18.54	20	0
3	64QAM	1	8	18.58	18.58	18.54		
3	64QAM	1	14	18.54	18.61	18.52		
3	64QAM	8	0	18.56	18.56	18.51	20	0
3	64QAM	8	4	18.58	18.54	18.56		
3	64QAM	8	7	18.53	18.56	18.52		
3	64QAM	15	0	18.58	18.61	18.56		
3	256QAM	1	0	18.59	18.53	18.50	20	0
3	256QAM	1	8	18.61	18.60	18.58		
3	256QAM	1	14	18.58	18.59	18.52		
3	256QAM	8	0	18.61	18.59	18.52	20	0
3	256QAM	8	4	18.54	18.55	18.57		
3	256QAM	8	7	18.57	18.59	18.59		
3	256QAM	15	0	18.59	18.54	18.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.57	18.53	18.58	20	0
1.4	QPSK	1	3	18.56	18.53	18.58		
1.4	QPSK	1	5	18.58	18.59	18.59		
1.4	QPSK	3	0	18.55	18.56	18.57		
1.4	QPSK	3	1	18.54	18.57	18.55		
1.4	QPSK	3	3	18.58	18.56	18.59		
1.4	QPSK	6	0	18.52	18.62	18.51	20	0
1.4	16QAM	1	0	18.53	18.62	18.58	20	0
1.4	16QAM	1	3	18.55	18.62	18.55		
1.4	16QAM	1	5	18.53	18.59	18.53		
1.4	16QAM	3	0	18.60	18.57	18.59		
1.4	16QAM	3	1	18.59	18.60	18.51		
1.4	16QAM	3	3	18.54	18.55	18.55		
1.4	16QAM	6	0	18.60	18.53	18.56	20	0
1.4	64QAM	1	0	18.57	18.58	18.53	20	0
1.4	64QAM	1	3	18.54	18.57	18.56		
1.4	64QAM	1	5	18.57	18.57	18.51		
1.4	64QAM	3	0	18.61	18.55	18.56		
1.4	64QAM	3	1	18.59	18.58	18.57		
1.4	64QAM	3	3	18.55	18.61	18.52		
1.4	64QAM	6	0	18.58	18.57	18.58	20	0
1.4	256QAM	1	0	18.52	18.61	18.50	20	0
1.4	256QAM	1	3	18.55	18.61	18.58		
1.4	256QAM	1	5	18.55	18.54	18.52		
1.4	256QAM	3	0	18.61	18.54	18.55		
1.4	256QAM	3	1	18.53	18.57	18.56		
1.4	256QAM	3	3	18.52	18.56	18.53		
1.4	256QAM	6	0	18.53	18.58	18.59	20	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.85	18.90	18.83	20	0
20	QPSK	1	49	18.82	18.84	18.81		
20	QPSK	1	99	18.81	18.88	18.77		
20	QPSK	50	0	18.82	18.85	18.80	20	0
20	QPSK	50	24	18.76	18.84	18.73		
20	QPSK	50	50	18.80	18.77	18.77		
20	QPSK	100	0	18.80	18.82	18.77		
20	16QAM	1	0	18.78	18.80	18.76	20	0
20	16QAM	1	49	18.81	18.86	18.79		
20	16QAM	1	99	18.78	18.87	18.80		
20	16QAM	50	0	18.83	18.80	18.78	20	0
20	16QAM	50	24	18.81	18.85	18.73		
20	16QAM	50	50	18.75	18.80	18.78		
20	16QAM	100	0	18.81	18.87	18.81		
20	64QAM	1	0	18.77	18.83	18.74	20	0
20	64QAM	1	49	18.79	18.85	18.74		
20	64QAM	1	99	18.82	18.82	18.79		
20	64QAM	50	0	18.75	18.89	18.75	20	0
20	64QAM	50	24	18.78	18.88	18.76		
20	64QAM	50	50	18.80	18.84	18.77		
20	64QAM	100	0	18.83	18.86	18.75		
20	256QAM	1	0	18.26	18.30	18.36	19.5	0.5
20	256QAM	1	49	18.31	18.26	18.30		
20	256QAM	1	99	18.33	18.29	18.31		
20	256QAM	50	0	18.24	18.18	18.24	19.5	0.5
20	256QAM	50	24	18.11	18.16	18.17		
20	256QAM	50	50	18.15	18.15	18.21		
20	256QAM	100	0	18.17	18.12	18.10		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.79	18.86	18.81	20	0
15	QPSK	1	37	18.81	18.74	18.77		
15	QPSK	1	74	18.72	18.85	18.76		
15	QPSK	36	0	18.73	18.77	18.77	20	0
15	QPSK	36	20	18.74	18.79	18.64		
15	QPSK	36	39	18.73	18.72	18.74		
15	QPSK	75	0	18.77	18.81	18.76		
15	16QAM	1	0	18.70	18.70	18.69	20	0
15	16QAM	1	37	18.77	18.76	18.77		
15	16QAM	1	74	18.68	18.77	18.77		
15	16QAM	36	0	18.80	18.72	18.72	20	0
15	16QAM	36	20	18.71	18.80	18.70		
15	16QAM	36	39	18.67	18.74	18.71		
15	16QAM	75	0	18.78	18.86	18.78		
15	64QAM	1	0	18.76	18.79	18.64	20	0
15	64QAM	1	37	18.69	18.75	18.66		
15	64QAM	1	74	18.79	18.77	18.77		
15	64QAM	36	0	18.69	18.81	18.68	20	0
15	64QAM	36	20	18.75	18.84	18.73		
15	64QAM	36	39	18.76	18.81	18.69		
15	64QAM	75	0	18.73	18.79	18.69		
15	256QAM	1	0	18.17	18.23	18.35	19.5	0.5
15	256QAM	1	37	18.24	18.22	18.22		
15	256QAM	1	74	18.30	18.20	18.25		
15	256QAM	36	0	18.19	18.14	18.14	19.5	0.5
15	256QAM	36	20	18.09	18.11	18.08		
15	256QAM	36	39	18.12	18.11	18.15		
15	256QAM	75	0	18.13	18.08	18.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.77	18.80	18.81	20	0
10	QPSK	1	25	18.80	18.78	18.76		
10	QPSK	1	49	18.72	18.81	18.69		
10	QPSK	25	0	18.79	18.78	18.78	20	0
10	QPSK	25	12	18.72	18.74	18.64		
10	QPSK	25	25	18.70	18.73	18.75		
10	QPSK	50	0	18.77	18.76	18.76		
10	16QAM	1	0	18.68	18.78	18.70	20	0
10	16QAM	1	25	18.74	18.84	18.75		
10	16QAM	1	49	18.69	18.77	18.79		
10	16QAM	25	0	18.73	18.71	18.69	20	0
10	16QAM	25	12	18.75	18.80	18.64		
10	16QAM	25	25	18.66	18.71	18.71		
10	16QAM	50	0	18.78	18.77	18.79		
10	64QAM	1	0	18.68	18.74	18.64	20	0
10	64QAM	1	25	18.72	18.76	18.67		
10	64QAM	1	49	18.75	18.73	18.70		
10	64QAM	25	0	18.73	18.83	18.73	20	0
10	64QAM	25	12	18.76	18.87	18.74		
10	64QAM	25	25	18.79	18.79	18.75		
10	64QAM	50	0	18.75	18.83	18.73		
10	256QAM	1	0	18.22	18.24	18.33	19.5	0.5
10	256QAM	1	25	18.23	18.22	18.29		
10	256QAM	1	49	18.28	18.20	18.23		
10	256QAM	25	0	18.17	18.16	18.17	19.5	0.5
10	256QAM	25	12	18.03	18.07	18.15		
10	256QAM	25	25	18.05	18.05	18.18		
10	256QAM	50	0	18.10	18.06	18.06		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.76	18.80	18.73	20	0
5	QPSK	1	12	18.75	18.81	18.79		
5	QPSK	1	24	18.71	18.82	18.74		
5	QPSK	12	0	18.75	18.75	18.72	20	0
5	QPSK	12	7	18.68	18.80	18.69		
5	QPSK	12	13	18.72	18.67	18.68		
5	QPSK	25	0	18.76	18.74	18.67		
5	16QAM	1	0	18.76	18.73	18.68	20	0
5	16QAM	1	12	18.80	18.81	18.78		
5	16QAM	1	24	18.76	18.79	18.70		
5	16QAM	12	0	18.82	18.72	18.76	20	0
5	16QAM	12	7	18.73	18.81	18.68		
5	16QAM	12	13	18.68	18.78	18.70		
5	16QAM	25	0	18.80	18.79	18.77		
5	64QAM	1	0	18.70	18.74	18.67	20	0
5	64QAM	1	12	18.70	18.79	18.69		
5	64QAM	1	24	18.78	18.81	18.78		
5	64QAM	12	0	18.68	18.84	18.69	20	0
5	64QAM	12	7	18.75	18.83	18.68		
5	64QAM	12	13	18.73	18.74	18.74		
5	64QAM	25	0	18.80	18.77	18.70		
5	256QAM	1	0	18.18	18.29	18.34	19.5	0.5
5	256QAM	1	12	18.28	18.17	18.23		
5	256QAM	1	24	18.26	18.24	18.26		
5	256QAM	12	0	18.20	18.09	18.14	19.5	0.5
5	256QAM	12	7	18.05	18.08	18.09		
5	256QAM	12	13	18.14	18.07	18.12		
5	256QAM	25	0	18.15	18.08	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.79	18.84	18.79	20	0
3	QPSK	1	8	18.74	18.78	18.76		
3	QPSK	1	14	18.77	18.81	18.68		
3	QPSK	8	0	18.74	18.84	18.70	20	0
3	QPSK	8	4	18.72	18.80	18.67		
3	QPSK	8	7	18.76	18.67	18.71		
3	QPSK	15	0	18.78	18.73	18.69		
3	16QAM	1	0	18.72	18.74	18.74	20	0
3	16QAM	1	8	18.76	18.76	18.77		
3	16QAM	1	14	18.73	18.82	18.74		
3	16QAM	8	0	18.79	18.72	18.70	20	0
3	16QAM	8	4	18.77	18.78	18.70		
3	16QAM	8	7	18.68	18.70	18.73		
3	16QAM	15	0	18.76	18.77	18.77		
3	64QAM	1	0	18.74	18.75	18.73	20	0
3	64QAM	1	8	18.75	18.84	18.65		
3	64QAM	1	14	18.73	18.76	18.70		
3	64QAM	8	0	18.67	18.85	18.71	20	0
3	64QAM	8	4	18.75	18.86	18.71		
3	64QAM	8	7	18.76	18.75	18.74		
3	64QAM	15	0	18.75	18.81	18.68		
3	256QAM	1	0	18.18	18.25	18.33	19.5	0.5
3	256QAM	1	8	18.24	18.22	18.24		
3	256QAM	1	14	18.29	18.26	18.22		
3	256QAM	8	0	18.14	18.11	18.23	19.5	0.5
3	256QAM	8	4	18.05	18.13	18.09		
3	256QAM	8	7	18.13	18.07	18.16		
3	256QAM	15	0	18.13	18.08	18.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.76	18.84	18.77	20	0
1.4	QPSK	1	3	18.74	18.78	18.78		
1.4	QPSK	1	5	18.76	18.86	18.71		
1.4	QPSK	3	0	18.73	18.75	18.75		
1.4	QPSK	3	1	18.68	18.78	18.72		
1.4	QPSK	3	3	18.73	18.71	18.71		
1.4	QPSK	6	0	18.77	18.72	18.73	20	0
1.4	16QAM	1	0	18.77	18.74	18.75	20	0
1.4	16QAM	1	3	18.79	18.78	18.77		
1.4	16QAM	1	5	18.75	18.77	18.76		
1.4	16QAM	3	0	18.82	18.75	18.77		
1.4	16QAM	3	1	18.71	18.80	18.66		
1.4	16QAM	3	3	18.69	18.79	18.69		
1.4	16QAM	6	0	18.79	18.81	18.71	20	0
1.4	64QAM	1	0	18.68	18.79	18.71	20	0
1.4	64QAM	1	3	18.77	18.84	18.68		
1.4	64QAM	1	5	18.77	18.79	18.69		
1.4	64QAM	3	0	18.74	18.87	18.67		
1.4	64QAM	3	1	18.71	18.81	18.66		
1.4	64QAM	3	3	18.70	18.75	18.75		
1.4	64QAM	6	0	18.77	18.77	18.67	20	0
1.4	256QAM	1	0	18.17	18.20	18.29	19.5	0.5
1.4	256QAM	1	3	18.25	18.19	18.27		
1.4	256QAM	1	5	18.31	18.21	18.22		
1.4	256QAM	3	0	18.17	18.10	18.23		
1.4	256QAM	3	1	18.05	18.14	18.14		
1.4	256QAM	3	3	18.06	18.10	18.20		
1.4	256QAM	6	0	18.12	18.11	18.01	19.5	0.5

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	18.46	18.52	18.43		
20	QPSK	1	49	18.37	18.51	18.36	19.2	0
20	QPSK	1	99	18.45	18.42	18.41		
20	QPSK	50	0	18.46	18.48	18.40		
20	QPSK	50	24	18.40	18.47	18.36	19.2	0
20	QPSK	50	50	18.37	18.38	18.30		
20	QPSK	100	0	18.43	18.45	18.38		
20	16QAM	1	0	18.43	18.40	18.33		
20	16QAM	1	49	18.39	18.43	18.37	19.2	0
20	16QAM	1	99	18.44	18.40	18.37		
20	16QAM	50	0	18.43	18.39	18.39		
20	16QAM	50	24	18.36	18.45	18.35	19.2	0
20	16QAM	50	50	18.38	18.46	18.35		
20	16QAM	100	0	18.42	18.45	18.31		
20	64QAM	1	0	18.39	18.44	18.37		
20	64QAM	1	49	18.36	18.46	18.38	19.2	0
20	64QAM	1	99	18.40	18.39	18.37		
20	64QAM	50	0	18.39	18.42	18.33		
20	64QAM	50	24	18.45	18.47	18.33	19.2	0
20	64QAM	50	50	18.45	18.43	18.38		
20	64QAM	100	0	18.42	18.46	18.39		
20	256QAM	1	0	18.43	18.43	18.35		
20	256QAM	1	49	18.37	18.40	18.34	19.2	0
20	256QAM	1	99	18.36	18.46	18.39		
20	256QAM	50	0	18.40	18.38	18.33		
20	256QAM	50	24	18.39	18.45	18.39	19.2	0
20	256QAM	50	50	18.44	18.39	18.37		
20	256QAM	100	0	18.43	18.39	18.30		
		Channel		20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15	QPSK	1	0	18.45	18.49	18.40		
15	QPSK	1	37	18.28	18.41	18.31	19.2	0
15	QPSK	1	74	18.37	18.39	18.32		
15	QPSK	36	0	18.43	18.45	18.34		
15	QPSK	36	20	18.36	18.44	18.33	19.2	0
15	QPSK	36	39	18.33	18.29	18.23		
15	QPSK	75	0	18.40	18.44	18.29		
15	16QAM	1	0	18.36	18.30	18.32		
15	16QAM	1	37	18.34	18.38	18.31	19.2	0
15	16QAM	1	74	18.41	18.32	18.29		
15	16QAM	36	0	18.36	18.38	18.34		
15	16QAM	36	20	18.33	18.42	18.33	19.2	0
15	16QAM	36	39	18.29	18.39	18.32		
15	16QAM	75	0	18.37	18.37	18.28		
15	64QAM	1	0	18.31	18.39	18.27		
15	64QAM	1	37	18.35	18.39	18.28	19.2	0
15	64QAM	1	74	18.30	18.32	18.35		
15	64QAM	36	0	18.30	18.41	18.23		
15	64QAM	36	20	18.43	18.46	18.24	19.2	0
15	64QAM	36	39	18.42	18.33	18.31		
15	64QAM	75	0	18.37	18.38	18.38		
15	256QAM	1	0	18.35	18.42	18.33		
15	256QAM	1	37	18.29	18.33	18.29	19.2	0
15	256QAM	1	74	18.32	18.40	18.36		
15	256QAM	36	0	18.36	18.33	18.24		
15	256QAM	36	20	18.29	18.35	18.36	19.2	0
15	256QAM	36	39	18.37	18.38	18.33		
15	256QAM	75	0	18.37	18.38	18.27		
		Channel		20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1715	1732.5	1750		
10	QPSK	1	0	18.41	18.48	18.34		
10	QPSK	1	25	18.32	18.46	18.35	19.2	0
10	QPSK	1	49	18.35	18.35	18.36		
10	QPSK	25	0	18.38	18.40	18.35		
10	QPSK	25	12	18.35	18.40	18.31	19.2	0
10	QPSK	25	25	18.34	18.34	18.26		
10	QPSK	50	0	18.37	18.41	18.29		
10	16QAM	1	0	18.34	18.36	18.28		
10	16QAM	1	25	18.35	18.40	18.35	19.2	0
10	16QAM	1	49	18.41	18.33	18.36		
10	16QAM	25	0	18.34	18.37	18.30		
10	16QAM	25	12	18.30	18.43	18.32	19.2	0
10	16QAM	25	25	18.36	18.36	18.34		
10	16QAM	50	0	18.37	18.38	18.30		
10	64QAM	1	0	18.31	18.43	18.28		
10	64QAM	1	25	18.31	18.37	18.36	19.2	0
10	64QAM	1	49	18.32	18.30	18.30		
10	64QAM	25	0	18.38	18.36	18.29		
10	64QAM	25	12	18.37	18.46	18.29	19.2	0
10	64QAM	25	25	18.39	18.38	18.34		
10	64QAM	50	0	18.40	18.40	18.31		
10	256QAM	1	0	18.36	18.41	18.25		
10	256QAM	1	25	18.32	18.30	18.25	19.2	0
10	256QAM	1	49	18.27	18.45	18.37		
10	256QAM	25	0	18.30	18.37	18.26		
10	256QAM	25	12	18.33	18.38	18.38	19.2	0
10	256QAM	25	25	18.42	18.32	18.28		
10	256QAM	50	0	18.36	18.29	18.29		
		Channel		19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5	QPSK	1	0	18.44	18.49	18.42		
5	QPSK	1	12	18.33	18.43	18.32	19.2	0
5	QPSK	1	24	18.35	18.40	18.39		
5	QPSK	12	0	18.45	18.46	18.31		
5	QPSK	12	7	18.30	18.37	18.29	19.2	0
5	QPSK	12	13	18.27	18.29	18.20		
5	QPSK	25	0	18.38	18.42	18.37		
5	16QAM	1	0	18.36	18.40	18.26		
5	16QAM	1	12	18.33	18.40	18.33	19.2	0
5	16QAM	1	24	18.38	18.35	18.27		
5	16QAM	12	0	18.41	18.34	18.29		
5	16QAM	12	7	18.39	18.41	18.32	19.2	0
5	16QAM	12	13	18.30	18.45	18.25		
5	16QAM	25	0	18.34	18.36	18.30		
5	64QAM	1	0	18.38	18.34	18.28		
5	64QAM	1	12	18.31	18.44	18.29	19.2	0
5	64QAM	1	24	18.31	18.34	18.32		
5	64QAM	12	0	18.38	18.35	18.26		
5	64QAM	12	7	18.41	18.41	18.32	19.2	0
5	64QAM	12	13	18.40	18.40	18.32		
5	64QAM	25	0	18.34	18.43	18.38		
5	256QAM	1	0	18.42	18.39	18.27		
5	256QAM	1	12	18.33	18.30	18.29	19.2	0
5	256QAM	1	24	18.33	18.40	18.32		
5	256QAM	12	0	18.33	18.34	18.27		
5	256QAM	12	7	18.35	18.37	18.37	19.2	0
5	256QAM	12	13	18.41	18.31	18.28		
5	256QAM	25	0	18.37	18.32	18.24		
		Channel		19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3	QPSK	1	0	18.38	18.42	18.33		
3	QPSK	1	8	18.32	18.42	18.34	19.2	0
3	QPSK	1	14	18.35	18.40	18.37		
3	QPSK	8	0	18.42	18.47	18.38		
3	QPSK	8	4	18.32	18.38	18.34	19.2	0
3	QPSK	8	7	18.35	18.29	18.23		
3	QPSK	15	0	18.35	18.36	18.34		
3	16QAM	1	0	18.37	18.32	18.27		
3	16QAM	1	8	18.30	18.38	18.34	19.2	0
3	16QAM	1	14	18.36	18.36	18.31		
3	16QAM	8	0	18.33	18.36	18.29		
3	16QAM	8	4	18.26	18.37	18.28	19.2	0
3	16QAM	8	7	18.32	18.38	18.34		
3	16QAM	15	0	18.33	18.41	18.27		
3	64QAM	1	0	18.38	18.42	18.32		
3	64QAM	1	8	18.40	18.41	18.35	19.2	0
3	64QAM	1	14	18.35	18.38	18.34		
3	64QAM	8	0	18.35	18.33	18.30		
3	64QAM	8	4	18.35	18.42	18.25	19.2	0
3	64QAM	8	7	18.41	18.38	18.36		
3	64QAM	15	0	18.41	18.42	18.34		
3	256QAM	1	0	18.35	18.35	18.29		
3	256QAM	1	8	18.32	18.36	18.24	19.2	0
3	256QAM	1	14	18.26	18.44	18.36		
3	256QAM	8	0	18.36	18.37	18.28		
3	256QAM	8	4	18.33	18.44	18.31	19.2	0
3	256QAM	8	7	18.41	18.35	18.33		
3	256QAM	15	0	18.40	18.33	18.25		
		Channel		19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.42	18.45	18.36		
1.4	QPSK	1	3	18.30	18.44	18.33		
1.4	QPSK	1	5	18.35	18.38	18.36	19.2	0
1.4	QPSK	3	0	18.36	18.46	18.38		
1.4	QPSK	3	1	18.37	18.38	18.27		
1.4	QPSK	3	3	18.32	18.37	18.23		
1.4	QPSK	6	0	18.36	18.39	18.33	19.2	0
1.4	16QAM	1	0	18.42	18.33	18.27		
1.4	16QAM	1	3	18.34	18.41	18.27		
1.4	16QAM	1	5	18.34	18.31	18.30	19.2	0
1.4	16QAM	3	0	18.39	18.34	18.35		
1.4	16QAM	3	1	18.26	18.39	18.25		
1.4	16QAM	3	3	18.37	18.44	18.28		
1.4	16QAM	6	0	18.40	18.38	18.23	19.2	0
1.4	64QAM	1	0	18.36	18.34	18.34		
1.4	64QAM	1	3	18.35	18.44	18.31		
1.4	64QAM	1	5	18.31	18.34	18.29	19.2	0
1.4	64QAM	3	0	18.37	18.33	18.30		
1.4	64QAM	3	1	18.38	18.38	18.27		
1.4	64QAM	3	3	18.43	18.42	18.32		
1.4	64QAM	6	0	18.39	18.36	18.29	19.2	0
1.4	256QAM	1	0	18.37	18.35	18.34		
1.4	256QAM	1	3	18.31	18.35	18.25		
1.4	256QAM	1	5	18.30	18.42	18.31	19.2	0
1.4	256QAM	3	0	18.30	18.30	18.27		
1.4	256QAM	3	1	18.33	18.41	18.35		
1.4	256QAM	3	3	18.36	18.31	18.27		
1.4	256QAM	6	0	18.34	18.31	18.25	19.2	0

Band 4_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20	QPSK	1	0	22.93	22.98	22.95		
20	QPSK	1	49	22.91	22.96	22.94	24	0
20	QPSK	1	99	22.92	22.95	22.89		
20	QPSK	50	0	22.92	22.95	22.93		
20	QPSK	50	24	22.89	22.89	22.90	24	0
20	QPSK	50	50	22.87	22.90	22.87		
20	QPSK	100	0	22.89	22.91	22.90		
20	16QAM	1	0	22.87	22.93	22.94		
20	16QAM	1	49	22.85	22.86	22.88	24	0
20	16QAM	1	99	22.90	22.94	22.87		
20	16QAM	50	0	21.89	21.94	21.93		
20	16QAM	50	24	21.88	21.89	21.90	23	1
20	16QAM	50	50	21.88	21.91	21.86		
20	16QAM	100	0	21.86	21.89	21.89		
20	64QAM	1	0	22.12	22.06	22.13		
20	64QAM	1	49	22.06	21.96	22.07	23	1
20	64QAM	1	99	22.07	22.05	21.87		
20	64QAM	50	0	20.90	20.94	20.94		
20	64QAM	50	24	20.90	20.91	20.91	22	2
20	64QAM	50	50	20.88	20.88	20.89		
20	64QAM	100	0	20.88	20.91	20.86		
20	256QAM	1	0	19.03	19.02	18.98		
20	256QAM	1	49	18.93	18.98	18.90	20	4
20	256QAM	1	99	19.06	19.06	18.99		
20	256QAM	50	0	18.84	18.90	18.93		
20	256QAM	50	24	18.94	18.91	18.83	20	4
20	256QAM	50	50	18.88	18.93	18.85		
20	256QAM	100	0	18.92	18.91	18.96		
		Channel		20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.90	22.85		
15	QPSK	1	37	22.90	22.88	22.92	24	0
15	QPSK	1	74	22.87	22.89	22.87		
15	QPSK	36	0	22.92	22.92	22.89		
15	QPSK	36	20	22.81	22.79	22.82	24	0
15	QPSK	36	39	22.80	22.81	22.81		
15	QPSK	75	0	22.87	22.87	22.82		
15	16QAM	1	0	22.85	22.86	22.85		
15	16QAM	1	37	22.91	22.95	22.88	24	0
15	16QAM	1	74	22.88	22.97	22.93		
15	16QAM	36	0	21.83	21.84	21.86		
15	16QAM	36	20	21.84	21.82	21.82	23	1
15	16QAM	36	39	21.77	21.82	21.79		
15	16QAM	75	0	21.84	21.84	21.83		
15	64QAM	1	0	22.02	22.02	22.08		
15	64QAM	1	37	22.03	21.87	21.98	23	1
15	64QAM	1	74	21.98	21.94	21.82		
15	64QAM	36	0	20.82	20.85	20.90		
15	64QAM	36	20	20.85	20.86	20.80	22	2
15	64QAM	36	39	20.86	20.84	20.87		
15	64QAM	75	0	20.82	20.89	20.87		
15	256QAM	1	0	19.09	19.07	18.97		
15	256QAM	1	37	18.86	19.04	18.95	20	4
15	256QAM	1	74	19.00	19.11	18.98		
15	256QAM	36	0	18.80	18.90	18.97		
15	256QAM	36	20	18.92	18.83	18.84	20	4
15	256QAM	36	39	18.96	18.89	18.88		
15	256QAM	75	0	18.92	18.95	18.91		
		Channel		20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1715	1732.5	1750		
10	QPSK	1	0	22.90	22.92	22.90		
10	QPSK	1	25	22.83	22.91	22.91	24	0
10	QPSK	1	49	22.90	22.92	22.85		
10	QPSK	25	0	22.90	22.88	22.88		
10	QPSK	25	12	22.82	22.81	22.81	24	0
10	QPSK	25	25	22.79	22.80	22.80		
10	QPSK	50	0	22.83	22.80	22.79		
10	16QAM	1	0	22.91	22.90	22.89		
10	16QAM	1	25	22.85	22.89	22.91	24	0
10	16QAM	1	49	22.86	22.91	22.90		
10	16QAM	25	0	21.79	21.89	21.87		
10	16QAM	25	12	21.85	21.84	21.80	23	1
10	16QAM	25	25	21.77	21.83	21.83		
10	16QAM	50	0	21.77	21.81	21.78		
10	64QAM	1	0	22.04	21.97	22.09		
10	64QAM	1	25	22.02	21.89	22.02	23	1
10	64QAM	1	49	21.94	22.00	21.76		
10	64QAM	25	0	20.80	20.88	20.84		
10	64QAM	25	12	20.87	20.84	20.84	22	2
10	64QAM	25	25	20.80	20.86	20.85		
10	64QAM	50	0	20.82	20.87	20.87		
10	256QAM	1	0	18.98	19.06	18.91		
10	256QAM	1	25	19.01	19.02	18.95	20	4
10	256QAM	1	49	19.12	19.08	19.05		
10	256QAM	25	0	18.86	18.97	18.92		
10	256QAM	25	12	19.02	18.97	18.84	20	4
10	256QAM	25	25	18.82	18.86	18.87		
10	256QAM	50	0	18.86	18.80	18.96		
		Channel		19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1712.5	1732.5	1752.5		
5	QPSK	1	0	22.92	22.94	22.90		
5	QPSK	1	12	22.90	22.95	22.85	24	0
5	QPSK	1	24	22.92	22.89	22.91		
5	QPSK	12	0	22.90	22.89	22.82		
5	QPSK	12	7	22.85	22.79	22.80	24	0
5	QPSK	12	13	22.85	22.83	22.85		
5	QPSK	25	0	22.83	22.85	22.88		
5	16QAM	1	0	22.86	22.90	22.87		
5	16QAM	1	12	22.90	22.88	22.93	24	0
5	16QAM	1	24	22.90	22.96	22.94		
5	16QAM	12	0	21.82	21.89	21.84		
5	16QAM	12	7	21.80	21.78	21.86	23	1
5	16QAM	12	13	21.78	21.80	21.79		
5	16QAM	25	0	21.75	21.78	21.81		
5	64QAM	1	0	22.07	21.96	22.11		
5	64QAM	1	12	21.99	22.02	22.03	23	1
5	64QAM	1	24	21.91	22.03	21.84		
5	64QAM	12	0	20.88	20.92	20.90		
5	64QAM	12	7	20.84	20.82	20.88	22	2
5	64QAM	12	13	20.77	20.78	20.86		
5	64QAM	25	0	20.81	20.80	20.82		
5	256QAM	1	0	19.04	19.05	18.98		
5	256QAM	1	12	18.94	19.05	18.95	20	4
5	256QAM	1	24	18.96	18.98	18.95		
5	256QAM	12	0	18.86	18.94	18.99		
5	256QAM	12	7	18.87	18.96	18.90	20	4
5	256QAM	12	13	18.92	18.91	18.87		
5	256QAM	25	0	18.84	18.81	18.97		
		Channel		19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1711.5	1732.5	1753.5		
3	QPSK	1	0	22.86	22.93	22.93		
3	QPSK	1	8	22.83	22.89	22.85	24	0
3	QPSK	1	14	22.84	22.92	22.92		
3	QPSK	8	0	22.83	22.90	22.87		
3	QPSK	8	4	22.79	22.80	22.80	24	0
3	QPSK	8	7	22.77	22.79	22.83		
3	QPSK	15	0	22.83	22.82	22.85		
3	16QAM	1	0	22.84	22.93	22.89		
3	16QAM	1	8	22.84	22.96	22.91	24	0
3	16QAM	1	14	22.88	22.89	22.91		
3	16QAM	8	0	21.85	21.91	21.91		
3	16QAM	8	4	21.86	21.80	21.83	23	1
3	16QAM	8	7	21.84	21.82	21.78		
3	16QAM	15	0	21.78	21.81	21.79		
3	64QAM	1	0	22.04	21.98	22.11		
3	64QAM	1	8	22.03	21.92	21.96	23	1
3	64QAM	1	14	21.91	21.94	21.77		
3	64QAM	8	0	20.80	20.90	20.89		
3	64QAM	8	4	20.85	20.80	20.80	22	2
3	64QAM	8	7	20.80	20.79	20.83		
3	64QAM	15	0	20.83	20.83	20.87		
3	256QAM	1	0	19.02	18.95	19.00		
3	256QAM	1	8	18.85	19.05	18.85	20	4
3	256QAM	1	14	18.86	19.03	19.06		
3	256QAM	8	0	18.89	18.90	18.99		
3	256QAM	8	4	18.88	18.86	18.84	20	4
3	256QAM	8	7	18.92	18.98	18.89		
3	256QAM	15	0	18.89	18.96	18.94		
		Channel		19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)		1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.96	22.94		
1.4	QPSK	1	3	22.92	22.94	22.85		
1.4	QPSK	1	5	22.93	22.93	22.87	24	0
1.4	QPSK	3	0	22.85	22.92	22.91		
1.4	QPSK	3	1	22.84	22.93	22.87		
1.4	QPSK	3	3	22.90	22.94	22.91		
1.4	QPSK	6	0	22.86	22.92	22.88	24	0
1.4	16QAM	1	0	22.81	22.80	22.80		
1.4	16QAM	1	3	22.81	22.86	22.78		
1.4	16QAM	1	5	22.81	22.84	22.87	24	0
1.4	16QAM	3	0	22.90	22.96	22.91		
1.4	16QAM	3	1	22.84	22.90	22.86		
1.4	16QAM	3	3	22.91	22.96	22.94		
1.4	16QAM	6	0	21.86	21.85	21.86	23	1
1.4	64QAM	1	0	22.04	21.87	21.82		
1.4	64QAM	1	3	21.81	21.80	21.76		
1.4	64QAM	1	5	21.81	21.86	21.82	23	1
1.4	64QAM	3	0	22.03	21.95	22.06		
1.4	64QAM	3	1	22.01	21.90	22.00		
1.4	64QAM	3	3	21.90	21.97	21.82		
1.4	64QAM	6	0	20.80	20.86	20.86	22	2
1.4	256QAM	1	0	19.02	19.07	18.99		
1.4	256QAM	1	3	18.96	18.90	18.88		
1.4	256QAM	1	5	19.01	19.13	18.98	20	4
1.4	256QAM	3	0	18.78	18.84	18.93		
1.4	256QAM	3	1	18.95	18.93	18.78		
1.4	256QAM	3	3	18.82	18.95	18.82		
1.4	256QAM	6	0	18.95	18.88	18.88	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		20050	20175	20300		
		Frequency (MHz)		1720	1732.5	1745		
20	QPSK	1	0	20.53	20.55	20.51		
20	QPSK	1	49	20.40	20.43	20.42	21.7	0
20	QPSK	1	99	20.48	20.49	20.43		
20	QPSK	50	0	20.50	20.53	20.48		
20	QPSK	50	24	20.41	20.43	20.44	21.7	0
20	QPSK	50	50	20.44	20.46	20.43		
20	QPSK	100	0	20.47	20.50	20.45		
20	16QAM	1	0	20.42	20.44	20.47		
20	16QAM	1	49	20.40	20.45	20.44	21.7	0
20	16QAM	1	99	20.44	20.52	20.43		
20	16QAM	50	0	20.44	20.43	20.44		
20	16QAM	50	24	20.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.82	24.86	24.83		
10	QPSK	1	25	24.72	24.84	24.74	25.7	0
10	QPSK	1	49	24.80	24.85	24.73		
10	QPSK	25	0	23.82	23.85	23.76		
10	QPSK	25	12	23.74	23.77	23.71	24.7	1
10	QPSK	25	25	23.78	23.76	23.70		
10	QPSK	50	0	23.82	23.83	23.73		
10	16QAM	1	0	23.91	23.96	23.95		
10	16QAM	1	25	23.88	23.92	23.88	24.7	1
10	16QAM	1	49	23.95	23.93	23.86		
10	16QAM	25	0	22.81	22.77	22.75		
10	16QAM	25	12	22.74	22.74	22.68	23.7	2
10	16QAM	25	25	22.76	22.76	22.69		
10	16QAM	50	0	22.80	22.78	22.72		
10	64QAM	1	0	22.86	22.92	22.92		
10	64QAM	1	25	22.83	22.87	22.86	23.7	2
10	64QAM	1	49	22.89	22.90	22.86		
10	64QAM	25	0	21.80	21.77	21.76		
10	64QAM	25	12	21.73	21.75	21.69	22.7	3
10	64QAM	25	25	21.76	21.74	21.69		
10	64QAM	50	0	21.82	21.77	21.72		
10	256QAM	1	0	20.09	20.13	20.09		
10	256QAM	1	25	20.14	20.11	20.11	20.7	5
10	256QAM	1	49	19.99	20.06	20.07		
10	256QAM	25	0	19.99	19.96	19.90		
10	256QAM	25	12	20.00	19.93	19.94	20.7	5
10	256QAM	25	25	19.96	19.95	19.91		
10	256QAM	50	0	19.91	19.98	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.72	24.77	24.73		
5	QPSK	1	12	24.64	24.81	24.69	25.7	0
5	QPSK	1	24	24.74	24.79	24.66		
5	QPSK	12	0	23.71	23.76	23.74		
5	QPSK	12	7	23.66	23.66	23.61	24.7	1
5	QPSK	12	13	23.75	23.70	23.61		
5	QPSK	25	0	23.78	23.76	23.65		
5	16QAM	1	0	23.82	23.87	23.88		
5	16QAM	1	12	23.78	23.86	23.81	24.7	1
5	16QAM	1	24	23.88	23.89	23.82		
5	16QAM	12	0	22.76	22.87	22.72		
5	16QAM	12	7	22.63	22.68	22.61	23.7	2
5	16QAM	12	13	22.68	22.69	22.60		
5	16QAM	25	0	22.70	22.71	22.66		
5	64QAM	1	0	22.82	22.82	22.84		
5	64QAM	1	12	22.81	22.78	22.75	23.7	2
5	64QAM	1	24	22.78	22.79	22.81		
5	64QAM	12	0	21.70	21.69	21.66		
5	64QAM	12	7	21.63	21.72	21.58	22.7	3
5	64QAM	12	13	21.66	21.65	21.59		
5	64QAM	25	0	21.71	21.66	21.67		
5	256QAM	1	0	20.13	20.13	20.16		
5	256QAM	1	12	20.07	20.05	20.03	20.7	5
5	256QAM	1	24	19.97	20.08	20.11		
5	256QAM	12	0	20.01	19.90	19.87		
5	256QAM	12	7	20.06	19.94	19.87	20.7	5
5	256QAM	12	13	19.96	20.02	19.95		
5	256QAM	25	0	19.96	19.96	20.01		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.72	24.80	24.77		
3	QPSK	1	8	24.62	24.73	24.68	25.7	0
3	QPSK	1	14	24.77	24.76	24.64		
3	QPSK	8	0	23.75	23.78	23.67		
3	QPSK	8	4	23.64	23.66	23.64	24.7	1
3	QPSK	8	7	23.73	23.68	23.62		
3	QPSK	15	0	23.80	23.74	23.64		
3	16QAM	1	0	23.83	23.91	23.84		
3	16QAM	1	8	23.86	23.88	23.78	24.7	1
3	16QAM	1	14	23.89	23.87	23.75		
3	16QAM	8	0	22.74	22.72	22.64		
3	16QAM	8	4	22.69	22.63	22.65	23.7	2
3	16QAM	8	7	22.71	22.72	22.65		
3	16QAM	15	0	22.71	22.76	22.64		
3	64QAM	1	0	22.83	22.83	22.87		
3	64QAM	1	8	22.74	22.77	22.83	23.7	2
3	64QAM	1	14	22.78	22.79	22.82		
3	64QAM	8	0	21.70	21.75	21.72		
3	64QAM	8	4	21.69	21.68	21.58	22.7	3
3	64QAM	8	7	21.71	21.68	21.65		
3	64QAM	15	0	21.79	21.68	21.65		
3	256QAM	1	0	20.06	20.08	20.14		
3	256QAM	1	8	20.06	20.18	20.13	20.7	5
3	256QAM	1	14	19.91	19.98	20.07		
3	256QAM	8	0	20.00	20.04	19.94		
3	256QAM	8	4	19.99	19.86	19.93	20.7	5
3	256QAM	8	7	20.01	19.96	19.97		
3	256QAM	15	0	19.92	19.92	19.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.71	24.83	24.80		
1.4	QPSK	1	3	24.61	24.82	24.68		
1.4	QPSK	1	5	24.76	24.80	24.63	25.7	0
1.4	QPSK	3	0	24.75	24.82	24.74		
1.4	QPSK	3	1	24.65	24.74	24.66		
1.4	QPSK	3	3	24.76	24.77	24.66		
1.4	QPSK	6	0	23.76	23.81	23.73	24.7	1
1.4	16QAM	1	0	23.64	23.75	23.69		
1.4	16QAM	1	3	23.71	23.73	23.66		
1.4	16QAM	1	5	23.75	23.74	23.69	24.7	1
1.4	16QAM	3	0	23.83	23.91	23.86		
1.4	16QAM	3	1	23.78	23.87	23.85		
1.4	16QAM	3	3	23.86	23.87	23.75		
1.4	16QAM	6	0	22.78	22.68	22.66	23.7	2
1.4	64QAM	1	0	22.68	22.69	22.60		
1.4	64QAM	1	3	22.70	22.71	22.60		
1.4	64QAM	1	5	22.71	22.71	22.69	23.7	2
1.4	64QAM	3	0	22.80	22.87	22.81		
1.4	64QAM	3	1	22.73	22.85	22.83		
1.4	64QAM	3	3	22.82	22.82	22.76		
1.4	64QAM	6	0	21.75	21.70	21.67	22.7	3
1.4	256QAM	1	0	20.16	20.14	20.16		
1.4	256QAM	1	3	20.11	20.16	20.10		
1.4	256QAM	1	5	19.98	20.03	20.04	20.7	5
1.4	256QAM	3	0	19.96	20.01	19.91		
1.4	256QAM	3	1	20.07	19.88	19.89		
1.4	256QAM	3	3	20.00	19.90	19.93		
1.4	256QAM	6	0	19.86	19.91	19.96	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.52	20.54	20.50		
10	QPSK	1	25	20.39	20.45	20.35	22	0
10	QPSK	1	49	20.35	20.41	20.43		
10	QPSK	25	0	20.49	20.52	20.47		
10	QPSK	25	12	20.38	20.40	20.44	22	0
10	QPSK	25	25	20.46	20.44	20.35		
10	QPSK	50	0	20.47	20.50	20.45		
10	16QAM	1	0	20.37	20.41	20.32		
10	16QAM	1	25	20.47	20.43	20.41	22	0
10	16QAM	1	49	20.40	20.50	20.46		
10	16QAM	25	0	20.41	20.39	20.40		
10	16QAM	25	12	20.47	20.46	20.35	22	0
10	16QAM	25	25	20.47	20.43	20.32		
10	16QAM	50	0	20.37	20.39	20.33		
10	64QAM	1	0	20.35	20.46	20.41		
10	64QAM	1	25	20.44	20.42	20.32	22	0
10	64QAM	1	49	20.36	20.51	20.36		
10	64QAM	25	0	20.40	20.47	20.40		
10	64QAM	25	12	20.42	20.39	20.46	22	0
10	64QAM	25	25	20.41	20.39	20.36		
10	64QAM	50	0	20.46	20.45	20.45		
10	256QAM	1	0	19.29	19.26	19.18		
10	256QAM	1	25	19.16	19.23	19.25	20.5	1.5
10	256QAM	1	49	19.27	19.21	19.21		
10	256QAM	25	0	19.10	19.11	19.12		
10	256QAM	25	12	18.99	19.06	19.03	20.5	1.5
10	256QAM	25	25	19.07	19.06	19.05		
10	256QAM	50	0	19.02	19.10	19.08		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.42	20.38	20.40		
5	QPSK	1	12	20.43	20.51	20.43	22	0
5	QPSK	1	24	20.38	20.37	20.45		
5	QPSK	12	0	20.36	20.42	20.43		
5	QPSK	12	7	20.37	20.41	20.36	22	0
5	QPSK	12	13	20.37	20.38	20.40		
5	QPSK	25	0	20.47	20.43	20.44		
5	16QAM	1	0	20.39	20.41	20.44		
5	16QAM	1	12	20.42	20.47	20.41	22	0
5	16QAM	1	24	20.37	20.45	20.44		
5	16QAM	12	0	20.45	20.42	20.46		
5	16QAM	12	7	20.38	20.37	20.43	22	0
5	16QAM	12	13	20.34	20.38	20.44		
5	16QAM	25	0	20.35	20.39	20.39		
5	64QAM	1	0	20.37	20.47	20.45		
5	64QAM	1	12	20.48	20.43	20.45	22	0
5	64QAM	1	24	20.43	20.48	20.37		
5	64QAM	12	0	20.38	20.38	20.40		
5	64QAM	12	7	20.39	20.42	20.43	22	0
5	64QAM	12	13	20.42	20.44	20.33		
5	64QAM	25	0	20.39	20.47	20.33		
5	256QAM	1	0	19.29	19.20	19.11		
5	256QAM	1	12	19.14	19.19	19.28	20.5	1.5
5	256QAM	1	24	19.30	19.27	19.19		
5	256QAM	12	0	19.08	19.05	19.10		
5	256QAM	12	7	18.97	19.12	19.02	20.5	1.5
5	256QAM	12	13	19.13	19.07	18.97		
5	256QAM	25	0	19.01	19.05	19.08		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.35	20.51	20.33		
3	QPSK	1	8	20.46	20.39	20.39	22	0
3	QPSK	1	14	20.34	20.44	20.33		
3	QPSK	8	0	20.45	20.42	20.34		
3	QPSK	8	4	20.34	20.43	20.39	22	0
3	QPSK	8	7	20.36	20.47	20.39		
3	QPSK	15	0	20.41	20.50	20.40		
3	16QAM	1	0	20.34	20.49	20.38		
3	16QAM	1	8	20.39	20.51	20.45	22	0
3	16QAM	1	14	20.46	20.38	20.39		
3	16QAM	8	0	20.46	20.47	20.43		
3	16QAM	8	4	20.45	20.41	20.38	22	0
3	16QAM	8	7	20.41	20.47	20.43		
3	16QAM	15	0	20.35	20.39	20.32		
3	64QAM	1	0	20.39	20.42	20.35		
3	64QAM	1	8	20.44	20.45	20.32	22	0
3	64QAM	1	14	20.41	20.48	20.45		
3	64QAM	8	0	20.46	20.47	20.43		
3	64QAM	8	4	20.34	20.49	20.42	22	0
3	64QAM	8	7	20.42	20.39	20.35		
3	64QAM	15	0	20.48	20.42	20.34		
3	256QAM	1	0	19.27	19.31	19.22		
3	256QAM	1	8	19.22	19.30	19.25	20.5	1.5
3	256QAM	1	14	19.33	19.22	19.22		
3	256QAM	8	0	19.08	19.17	19.08		
3	256QAM	8	4	18.99	19.12	19.06	20.5	1.5
3	256QAM	8	7	19.08	19.11	19.01		
3	256QAM	15	0	19.05	19.09	19.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.36	20.48	20.46		
1.4	QPSK	1	3	20.48	20.42	20.37		
1.4	QPSK	1	5	20.48	20.38	20.38	22	0
1.4	QPSK	3	0	20.38	20.42	20.37		
1.4	QPSK	3	1	20.46	20.37	20.46		
1.4	QPSK	3	3	20.37	20.41	20.37		
1.4	QPSK	6	0	20.45	20.48	20.35	22	0
1.4	16QAM	1	0	20.38	20.45	20.44		
1.4	16QAM	1	3	20.43	20.39	20.32		
1.4	16QAM	1	5	20.36	20.49	20.35	22	0
1.4	16QAM	3	0	20.41	20.47	20.36		
1.4	16QAM	3	1	20.47	20.40	20.35		
1.4	16QAM	3	3	20.42	20.39	20.32		
1.4	16QAM	6	0	20.40	20.46	20.46	22	0
1.4	64QAM	1	0	20.35	20.49	20.45		
1.4	64QAM	1	3	20.45	20.51	20.39	22	0
1.4	64QAM	1	5	20.35	20.47	20.33		
1.4	64QAM	3	0	20.36	20.42	20.32		
1.4	64QAM	3	1	20.34	20.46	20.35		
1.4	64QAM	3	3	20.42	20.49	20.32		
1.4	64QAM	6	0	20.44	20.46	20.39	22	0
1.4	256QAM	1	0	19.34	19.21	19.12		
1.4	256QAM	1	3	19.17	19.20	19.17		
1.4	256QAM	1	5	19.25	19.20	19.26	20.5	1.5
1.4	256QAM	3	0	19.04	19.08	19.14		
1.4	256QAM	3	1	18.98	19.05	18.95		
1.4	256QAM	3	3	19.11	18.98	19.07		
1.4	256QAM	6	0	19.06	19.04	19.11	20.5	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	19.05	19.08	19.01		
20	QPSK	1	49	19.03	19.02	18.92	19.7	0
20	QPSK	1	99	18.96	19.06	18.96		
20	QPSK	50	0	19.03	19.05	19.00		
20	QPSK	50	24	18.97	19.02	18.90	19.7	0
20	QPSK	50	50	19.02	19.01	18.98		
20	QPSK	100	0	19.00	19.02	18.98		
20	16QAM	1	0	18.97	19.03	18.96		
20	16QAM	1	49	18.99	19.01	18.99	19.7	0
20	16QAM	1	99	18.94	18.99	18.91		
20	16QAM	50	0	18.95	19.03	18.92		
20	16QAM	50	24	19.00	18.96	18.91	19.7	0
20	16QAM	50	50	18.95	19.02	18.97		
20	16QAM	100	0	18.94	18.95	18.98		
20	64QAM	1	0	19.02	18.99	18.91		
20	64QAM	1	49	19.02	18.96	18.98	19.7	0
20	64QAM	1	99	18.98	19.00	18.96		
20	64QAM	50	0	19.00	18.99	18.96		
20	64QAM	50	24	19.01	19.02	18.94	19.7	0
20	64QAM	50	50	19.02	19.04	18.98		
20	64QAM	100	0	18.95	19.03	18.90		
20	256QAM	1	0	19.00	19.03	18.95		
20	256QAM	1	49	18.94	18.95	18.93	19.7	0
20	256QAM	1	99	19.01	19.01	18.92		
20	256QAM	50	0	18.99	18.95	18.92		
20	256QAM	50	24	19.01	18.99	18.96	19.7	0
20	256QAM	50	50	19.00	18.96	18.93		
20	256QAM	100	0	19.01	18.97	18.97		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.96	19.07	18.99		
15	QPSK	1	37	18.94	18.99	18.90	19.7	0
15	QPSK	1	74	18.86	18.96	18.90		
15	QPSK	36	0	18.98	19.03	18.93		
15	QPSK	36	20	18.89	18.99	18.88	19.7	0
15	QPSK	36	39	18.92	18.93	18.88		
15	QPSK	75	0	18.97	18.99	18.94		
15	16QAM	1	0	18.94	18.97	18.93		
15	16QAM	1	37	18.93	18.91	18.95	19.7	0
15	16QAM	1	74	18.90	18.96	18.89		
15	16QAM	36	0	18.85	19.01	18.90		
15	16QAM	36	20	18.90	18.92	18.82	19.7	0
15	16QAM	36	39	18.89	18.93	18.88		
15	16QAM	75	0	18.89	18.92	18.89		
15	64QAM	1	0	18.98	18.93	18.89		
15	64QAM	1	37	18.95	18.95	18.91	19.7	0
15	64QAM	1	74	18.92	18.95	18.90		
15	64QAM	36	0	18.96	18.93	18.90		
15	64QAM	36	20	18.95	18.96	18.84	19.7	0
15	64QAM	36	39	18.97	19.01	18.97		
15	64QAM	75	0	18.87	18.99	18.80		
15	256QAM	1	0	18.91	18.93	18.85		
15	256QAM	1	37	18.86	18.92	18.85	19.7	0
15	256QAM	1	74	18.97	18.94	18.88		
15	256QAM	36	0	18.94	18.94	18.83		
15	256QAM	36	20	18.93	18.98	18.89	19.7	0
15	256QAM	36	39	18.96	18.86	18.89		
15	256QAM	75	0	19.00	18.96	18.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.96	19.04	18.99		
10	QPSK	1	25	18.96	19.00	18.91	19.7	0
10	QPSK	1	49	18.94	19.04	18.88		
10	QPSK	25	0	19.00	19.00	18.98		
10	QPSK	25	12	18.90	18.96	18.82	19.7	0
10	QPSK	25	25	18.98	18.94	18.92		
10	QPSK	50	0	18.99	18.95	18.93		
10	16QAM	1	0	18.91	18.96	18.88		
10	16QAM	1	25	18.96	18.96	18.94	19.7	0
10	16QAM	1	49	18.85	18.96	18.84		
10	16QAM	25	0	18.93	18.99	18.87		
10	16QAM	25	12	18.99	18.89	18.83	19.7	0
10	16QAM	25	25	18.90	18.92	18.96		
10	16QAM	50	0	18.90	18.88	18.96		
10	64QAM	1	0	18.95	18.90	18.84		
10	64QAM	1	25	18.92	18.89	18.90	19.7	0
10	64QAM	1	49	18.89	18.97	18.94		
10	64QAM	25	0	18.91	18.90	18.86		
10	64QAM	25	12	18.91	18.93	18.93	19.7	0
10	64QAM	25	25	19.00	18.94	18.91		
10	64QAM	50	0	18.94	18.95	18.85		
10	256QAM	1	0	18.94	19.00	18.91		
10	256QAM	1	25	18.92	18.90	18.88	19.7	0
10	256QAM	1	49	18.94	18.95	18.82		
10	256QAM	25	0	18.93	18.85	18.84		
10	256QAM	25	12	18.99	18.94	18.94	19.7	0
10	256QAM	25	25	18.96	18.92	18.86		
10	256QAM	50	0	18.91	18.94	18.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.04	19.03	18.92		
5	QPSK	1	12	18.97	19.01	18.91	19.7	0
5	QPSK	1	24	18.94	18.98	18.94		
5	QPSK	12	0	18.96	18.97	18.90		
5	QPSK	12	7	18.96	18.92	18.82	19.7	0
5	QPSK	12	13	19.00	18.95	18.96		
5	QPSK	25	0	18.99	19.00	18.93		
5	16QAM	1	0	18.92	18.95	18.92		
5	16QAM	1	12	18.89	19.00	18.90	19.7	0
5	16QAM	1	24	18.89	18.93	18.82		
5	16QAM	12	0	18.93	19.01	18.84		
5	16QAM	12	7	18.90	18.88	18.89	19.7	0
5	16QAM	12	13	18.92	18.92	18.88		
5	16QAM	25	0	18.84	18.88	18.88		
5	64QAM	1	0	18.94	18.96	18.82		
5	64QAM	1	12	19.01	18.92	18.97	19.7	0
5	64QAM	1	24	18.88	18.97	18.92		
5	64QAM	12	0	18.90	18.96	18.93		
5	64QAM	12	7	18.91	18.98	18.90	19.7	0
5	64QAM	12	13	18.99	18.98	18.90		
5	64QAM	25	0	18.88	18.99	18.85		
5	256QAM	1	0	18.98	18.96	18.89		
5	256QAM	1	12	18.87	18.91	18.92	19.7	0
5	256QAM	1	24	18.97	18.99	18.88		
5	256QAM	12	0	18.98	18.91	18.88		
5	256QAM	12	7	18.96	18.94	18.87	19.7	0
5	256QAM	12	13	18.94	18.87	18.84		
5	256QAM	25	0	18.96	18.91	18.88		

Band 7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.86	20.90	20.77		
20	QPSK	1	49	20.73	20.83	20.70	22	0
20	QPSK	1	99	20.74	20.81	20.67		
20	QPSK	50	0	20.83	20.88	20.75		
20	QPSK	50	24	20.80	20.86	20.68	22	0
20	QPSK	50	50	20.74	20.83	20.72		
20	QPSK	100	0	20.81	20.85	20.71		
20	16QAM	1	0	20.80	20.78	20.69		
20	16QAM	1	49	20.77

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	20.13	20.25	20.11		
20	QPSK	1	49	20.05	20.07	20.04	21.2	0
20	QPSK	1	99	20.06	20.07	20.06		
20	QPSK	50	0	20.10	20.13	20.08		
20	QPSK	50	24	20.07	20.08	20.04	21.2	0
20	QPSK	50	50	20.04	20.08	20.01		
20	QPSK	100	0	20.09	20.10	20.06		
20	16QAM	1	0	20.01	20.10	20.07		
20	16QAM	1	49	20.05	20.06	20.06	21.2	0
20	16QAM	1	99	20.07	20.11	20.00		
20	16QAM	50	0	20.00	20.05	20.01		
20	16QAM	50	24	20.02	20.06	19.99	21.2	0
20	16QAM	50	50	20.05	20.07	20.05		
20	16QAM	100	0	20.08	20.04	20.03		
20	64QAM	1	0	20.08	20.12	20.07		
20	64QAM	1	49	20.04	20.04	19.99	21.2	0
20	64QAM	1	99	20.07	20.06	20.01		
20	64QAM	50	0	20.01	20.10	20.03		
20	64QAM	50	24	20.04	20.11	20.04	21.2	0
20	64QAM	50	50	20.03	20.07	20.04		
20	64QAM	100	0	20.06	20.10	20.03		
20	256QAM	1	0	19.72	19.74	19.73		
20	256QAM	1	49	19.60	19.57	19.58	20.7	0.5
20	256QAM	1	99	19.54	19.52	19.48		
20	256QAM	50	0	19.49	19.53	19.47		
20	256QAM	50	24	19.38	19.46	19.54	20.7	0.5
20	256QAM	50	50	19.43	19.43	19.44		
20	256QAM	100	0	19.41	19.48	19.52		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.08	20.07	20.03		
15	QPSK	1	37	20.07	20.11	20.00	21.2	0
15	QPSK	1	74	20.09	20.09	20.07		
15	QPSK	36	0	20.05	20.09	19.98		
15	QPSK	36	20	20.06	20.03	20.07	21.2	0
15	QPSK	36	39	20.09	20.06	19.99		
15	QPSK	75	0	20.06	20.03	19.99		
15	16QAM	1	0	20.00	20.10	20.03		
15	16QAM	1	37	20.06	20.08	20.06	21.2	0
15	16QAM	1	74	20.09	20.10	19.98		
15	16QAM	36	0	20.00	20.03	20.03		
15	16QAM	36	20	20.07	20.05	20.00	21.2	0
15	16QAM	36	39	20.09	20.09	20.03		
15	16QAM	75	0	20.05	20.07	20.01		
15	64QAM	1	0	20.07	20.06	20.06		
15	64QAM	1	37	20.00	20.11	20.04	21.2	0
15	64QAM	1	74	20.04	20.09	20.04		
15	64QAM	36	0	20.01	20.11	20.03		
15	64QAM	36	20	20.00	20.12	20.07	21.2	0
15	64QAM	36	39	20.07	20.07	20.03		
15	64QAM	75	0	20.08	20.06	20.04		
15	256QAM	1	0	19.77	19.69	19.74		
15	256QAM	1	37	19.57	19.57	19.60	20.7	0.5
15	256QAM	1	74	19.60	19.59	19.51		
15	256QAM	36	0	19.46	19.61	19.44		
15	256QAM	36	20	19.41	19.45	19.59	20.7	0.5
15	256QAM	36	39	19.48	19.47	19.37		
15	256QAM	75	0	19.34	19.42	19.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.09	20.11	20.02		
10	QPSK	1	25	20.07	20.10	19.98	21.2	0
10	QPSK	1	49	20.03	20.05	20.02		
10	QPSK	25	0	20.01	20.08	20.03		
10	QPSK	25	12	20.02	20.10	20.01	21.2	0
10	QPSK	25	25	20.00	20.08	20.03		
10	QPSK	50	0	20.06	20.12	20.07		
10	16QAM	1	0	20.00	20.03	19.99		
10	16QAM	1	25	20.08	20.03	20.05	21.2	0
10	16QAM	1	49	20.04	20.06	20.05		
10	16QAM	25	0	20.06	20.05	20.00		
10	16QAM	25	12	20.07	20.08	20.04	21.2	0
10	16QAM	25	25	20.02	20.11	20.04		
10	16QAM	50	0	20.01	20.08	19.98		
10	64QAM	1	0	20.00	20.03	19.99		
10	64QAM	1	25	20.05	20.06	19.99	21.2	0
10	64QAM	1	49	20.06	20.06	20.03		
10	64QAM	25	0	20.01	20.12	20.00		
10	64QAM	25	12	20.08	20.10	20.04	21.2	0
10	64QAM	25	25	20.00	20.04	20.07		
10	64QAM	50	0	20.05	20.03	20.01		
10	256QAM	1	0	19.79	19.79	19.77		
10	256QAM	1	25	19.54	19.62	19.50	20.7	0.5
10	256QAM	1	49	19.46	19.48	19.42		
10	256QAM	25	0	19.53	19.48	19.42		
10	256QAM	25	12	19.35	19.47	19.51	20.7	0.5
10	256QAM	25	25	19.38	19.35	19.51		
10	256QAM	50	0	19.37	19.55	19.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.01	20.06	20.03		
5	QPSK	1	12	20.07	20.09	20.06	21.2	0
5	QPSK	1	24	20.04	20.03	20.01		
5	QPSK	12	0	20.09	20.05	20.07		
5	QPSK	12	7	20.01	20.04	19.98	21.2	0
5	QPSK	12	13	20.03	20.11	20.06		
5	QPSK	25	0	20.05	20.10	20.04		
5	16QAM	1	0	20.07	20.08	20.05		
5	16QAM	1	12	20.02	20.10	20.02	21.2	0
5	16QAM	1	24	20.04	20.05	20.01		
5	16QAM	12	0	20.01	20.11	20.06		
5	16QAM	12	7	20.05	20.09	20.01	21.2	0
5	16QAM	12	13	20.04	20.03	20.00		
5	16QAM	25	0	20.08	20.05	19.98		
5	64QAM	1	0	20.00	20.06	20.00		
5	64QAM	1	12	20.01	20.05	20.01	21.2	0
5	64QAM	1	24	20.06	20.09	20.00		
5	64QAM	12	0	20.07	20.12	19.99		
5	64QAM	12	7	20.03	20.05	20.00	21.2	0
5	64QAM	12	13	20.00	20.07	20.03		
5	64QAM	25	0	20.07	20.07	20.03		
5	256QAM	1	0	19.67	19.82	19.67		
5	256QAM	1	12	19.59	19.53	19.64	20.7	0.5
5	256QAM	1	24	19.46	19.52	19.50		
5	256QAM	12	0	19.57	19.49	19.48		
5	256QAM	12	7	19.34	19.39	19.56	20.7	0.5
5	256QAM	12	13	19.40	19.47	19.50		
5	256QAM	25	0	19.39	19.50	19.52		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.18	17.20	17.15		
20	QPSK	1	49	17.09	17.05	17.06	18.5	0
20	QPSK	1	99	17.12	17.11	17.07		
20	QPSK	50	0	17.13	17.15	17.12		
20	QPSK	50	24	17.12	17.06	17.08	18.5	0
20	QPSK	50	50	17.03	17.06	17.09		
20	QPSK	100	0	17.10	17.12	17.09		
20	16QAM	1	0	17.06	17.12	17.10		
20	16QAM	1	49	17.10	17.09	17.03	18.5	0
20	16QAM	1	99	17.04	17.05	17.04		
20	16QAM	50	0	17.12	17.14	17.02		
20	16QAM	50	24	17.03	17.07	17.10	18.5	0
20	16QAM	50	50	17.09	17.14	17.08		
20	16QAM	100	0	17.12	17.08	17.06		
20	64QAM	1	0	17.10	17.09	17.07		
20	64QAM	1	49	17.07	17.06	17.04	18.5	0
20	64QAM	1	99	17.06	17.09	17.03		
20	64QAM	50	0	17.07	17.06	17.08		
20	64QAM	50	24	17.10	17.09	17.03	18.5	0
20	64QAM	50	50	17.11	17.08	17.07		
20	64QAM	100	0	17.11	17.07	17.09		
20	256QAM	1	0	17.07	17.14	17.06		
20	256QAM	1	49	17.10	17.14	17.05	18.5	0
20	256QAM	1	99	17.08	17.09	17.11		
20	256QAM	50	0	17.12	17.10	17.07		
20	256QAM	50	24	17.06	17.05	17.10	18.5	0
20	256QAM	50	50	17.03	17.14	17.09		
20	256QAM	100	0	17.09	17.14	17.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.04	17.13	17.05		
15	QPSK	1	37	17.07	17.12	17.05	18.5	0
15	QPSK	1	74	17.07	17.06	17.10		
15	QPSK	36	0	17.04	17.14	17.06		
15	QPSK	36	20	17.03	17.08	17.02	18.5	0
15	QPSK	36	39	17.08	17.11	17.10		
15	QPSK	75	0	17.09	17.11	17.06		
15	16QAM	1	0	17.10	17.05	17.10		
15	16QAM	1	37	17.07	17.06	17.03	18.5	0
15	16QAM	1	74	17.11	17.05	17.03		
15	16QAM	36	0	17.08	17.11	17.06		
15	16QAM	36	20	17.05	17.06	17.02	18.5	0
15	16QAM	36	39	17.05	17.06	17.04		
15	16QAM	75	0	17.07	17.06	17.03		
15	64QAM	1	0	17.11	17.12	17.08		
15	64QAM	1	37	17.04	17.14	17.11	18.5	0
15	64QAM	1	74	17.10	17.12	17.05		
15	64QAM	36	0	17.06	17.05	17.05		
15	64QAM	36	20	17.08	17.12	17.08	18.5	0
15	64QAM	36	39	17.04	17.14	17.06		
15	64QAM	75	0	17.08	17.09	17.03		
15	256QAM	1	0	17.09	17.09	17.06		
15	256QAM	1	37	17.09	17.05	17.08	18.5	0
15	256QAM	1	74	17.12	17.12	17.05		
15	256QAM	36	0	17.03	17.10	17.09		
15	256QAM	36	20	17.10	17.13	17.05	18.5	0
15	256QAM	36	39	17.04	17.09	17.06		
15	256QAM	75	0	17.09	17.05	17.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.12	17.06	17.07		
10	QPSK	1	25	17.03	17.09	17.08	18.5	0
10	QPSK	1	49	17.12	17.06	17.07		
10	QPSK	25	0	17.12	17.09	17.08		
10	QPSK	25	12	17.12	17.05	17.09	18.5	0
10	QPSK	25	25	17.09	17.08	17.11		
10	QPSK	50	0	17.04	17.07	17.02		
10	16QAM	1	0	17.06	17.09	17.07		
10	16QAM	1	25	17.12	17.06	17.10	18.5	0
10	16QAM	1	49	17.05	17.05	17.02		
10	16QAM	25	0	17.07	17.13	17.07		
10	16QAM	25	12	17.10	17.13	17.04	18.5	0
10	16QAM	25	25	17.11	17.07	17.08		
10	16QAM	50	0	17.05	17.09	17.02		
10	64QAM	1	0	17.07	17.05	17.10		
10	64QAM	1	25	17.12	17.12	17.04	18.5	0
10	64QAM	1	49	17.07	17.05	17.11		
10	64QAM	25	0	17.03	17.10	17.05		
10	64QAM	25	12	17.04	17.07	17.11	18.5	0
10	64QAM	25	25	17.10	17.13	17.09		
10	64QAM	50	0	17.09	17.05	17.10		
10	256QAM	1	0	17.05	17.08	17.07		
10	256QAM	1	25	17.05	17.08	17.02	18.5	0
10	256QAM	1	49	17.07	17.13	17.09		
10	256QAM	25	0	17.11	17.12	17.06		
10	256QAM	25	12	17.06	17.10	17.04	18.5	0
10	256QAM	25	25	17.07	17.05	17.11		
10	256QAM	50	0	17.08	17.07	17.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.08	17.05	17.06		
5	QPSK	1	12	17.06	17.05	17.04	18.5	0
5	QPSK	1	24	17.06	17.13	17.11		
5	QPSK	12	0	17.10	17.07	17.10		
5	QPSK	12	7	17.08	17.05	17.05	18.5	0
5	QPSK	12	13	17.06	17.11	17.07		
5	QPSK	25	0	17.08	17.08	17.08		
5	16QAM	1	0	17.04	17.11	17.09		
5	16QAM	1	12	17.10	17.06	17.04	18.5	0
5	16QAM	1	24	17.11	17.07	17.11		
5	16QAM	12	0	17.04	17.09	17.11		
5	16QAM	12	7	17.03	17.10	17.07	18.5	0
5	16QAM	12	13	17.06	17.08	17.11		
5	16QAM	25	0	17.03	17.10	17.02		
5	64QAM	1	0	17.03	17.07	17.10		
5	64QAM	1	12	17.08	17.12	17.06	18.5	0
5	64QAM	1	24	17.06	17.05	17.08		
5	64QAM	12	0	17.11	17.05	17.06		
5	64QAM	12	7	17.12	17.14	17.04	18.5	0
5	64QAM	12	13	17.08	17.13	17.08		
5	64QAM	25	0	17.05	17.14	17.08		
5	256QAM	1	0	17.03	17.14	17.10		
5	256QAM	1	12	17.06	17.14	17.07	18.5	0
5	256QAM	1	24	17.03	17.10	17.05		
5	256QAM	12	0	17.08	17.08	17.08		
5	256QAM	12	7	17.05	17.12	17.04	18.5	0
5	256QAM	12	13	17.06	17.05	17.06		
5	256QAM	25	0	17.04	17.11	17.09		

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	24.48	24.51	24.48		
10	QPSK	1	25	24.41	24.42	24.35	25.5	0
10	QPSK	1	49	24.47	24.47	24.45		
10	QPSK	25	0	23.38	23.42	23.35		
10	QPSK	25	12	23.38	23.35	23.33	24.5	1
10	QPSK	25	25	23.35	23.40	23.33		
10	QPSK	50	0	23.35	23.39	23.35		
10	16QAM	1	0	23.48	23.54	23.55		
10	16QAM	1	25	23.49	23.51	23.46	24.5	1
10	16QAM	1	49	23.57	23.54	23.55		
10	16QAM	25	0	22.32	22.41	22.32		
10	16QAM	25	12	22.37	22.32	22.31	23.5	2
10	16QAM	25	25	22.38	22.38	22.38		
10	16QAM	50	0	22.33	22.38	22.34		
10	64QAM	1	0	22.47	22.52	22.48		
10	64QAM	1	25	22.50	22.53	22.47	23.5	2
10	64QAM	1	49	22.54	22.55	22.53		
10	64QAM	25	0	21.27	21.37	21.35		
10	64QAM	25	12	21.34	21.35	21.32	22.5	3
10	64QAM	25	25	21.35	21.38	21.33		
10	64QAM	50	0	21.32	21.39	21.34		
10	256QAM	1	0	19.87	19.80	19.79		
10	256QAM	1	25	19.67	19.70	19.63	20.5	5
10	256QAM	1	49	19.57	19.63	19.60		
10	256QAM	25	0	19.75	19.67	19.60		
10	256QAM	25	12	19.67	19.59	19.58	20.5	5
10	256QAM	25	25	19.62	19.56	19.50		
10	256QAM	50	0	19.70	19.64	19.59		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.46	24.44	24.38		
5	QPSK	1	12	24.32	24.31	24.33	25.5	0
5	QPSK	1	24	24.42	24.44	24.42		
5	QPSK	12	0	23.34	23.33	23.27		
5	QPSK	12	7	23.32	23.27	23.22	24.5	1
5	QPSK	12	13	23.30	23.33	23.26		
5	QPSK	25	0	23.25	23.32	23.25		
5	16QAM	1	0	23.40	23.50	23.51		
5	16QAM	1	12	23.43	23.40	23.43	24.5	1
5	16QAM	1	24	23.46	23.52	23.47		
5	16QAM	12	0	22.26	22.37	22.28		
5	16QAM	12	7	22.29	22.27	22.28	23.5	2
5	16QAM	12	13	22.34	22.28	22.36		
5	16QAM	25	0	22.25	22.30	22.23		
5	64QAM	1	0	22.41	22.43	22.44		
5	64QAM	1	12	22.46	22.44	22.45	23.5	2
5	64QAM	1	24	22.48	22.52	22.49		
5	64QAM	12	0	21.23	21.34	21.25		
5	64QAM	12	7	21.32	21.29	21.27	22.5	3
5	64QAM	12	13	21.30	21.35	21.24		
5	64QAM	25	0	21.23	21.32	21.27		
5	256QAM	1	0	19.83	19.79	19.78		
5	256QAM	1	12	19.60	19.77	19.61	20.5	5
5	256QAM	1	24	19.52	19.71	19.58		
5	256QAM	12	0	19.82	19.66	19.66		
5	256QAM	12	7	19.72	19.59	19.53	20.5	5
5	256QAM	12	13	19.65	19.55	19.58		
5	256QAM	25	0	19.72	19.69	19.60		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.45	24.43	24.44		
3	QPSK	1	8	24.34	24.39	24.33	25.5	0
3	QPSK	1	14	24.43	24.43	24.36		
3	QPSK	8	0	23.31	23.36	23.24		
3	QPSK	8	4	23.28	23.24	23.28	24.5	1
3	QPSK	8	7	23.30	23.30	23.22		
3	QPSK	15	0	23.24	23.34	23.24		
3	16QAM	1	0	23.39	23.47	23.51		
3	16QAM	1	8	23.43	23.45	23.37	24.5	1
3	16QAM	1	14	23.53	23.49	23.47		
3	16QAM	8	0	22.25	22.38	22.29		
3	16QAM	8	4	22.35	22.22	22.20	23.5	2
3	16QAM	8	7	22.34	22.30	22.27		
3	16QAM	15	0	22.22	22.30	22.29		
3	64QAM	1	0	22.42	22.43	22.40		
3	64QAM	1	8	22.46	22.43	22.37	23.5	2
3	64QAM	1	14	22.47	22.47	22.43		
3	64QAM	8	0	21.20	21.29	21.31		
3	64QAM	8	4	21.31	21.27	21.24	22.5	3
3	64QAM	8	7	21.30	21.32	21.23		
3	64QAM	15	0	21.29	21.35	21.29		
3	256QAM	1	0	19.89	19.80	19.79		
3	256QAM	1	8	19.72	19.64	19.58	20.5	5
3	256QAM	1	14	19.58	19.55	19.63		
3	256QAM	8	0	19.83	19.67	19.67		
3	256QAM	8	4	19.75	19.57	19.59	20.5	5
3	256QAM	8	7	19.61	19.51	19.55		
3	256QAM	15	0	19.68	19.57	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.37	24.49	24.46		
1.4	QPSK	1	3	24.34	24.35	24.26		
1.4	QPSK	1	5	24.43	24.40	24.42	25.5	0
1.4	QPSK	3	0	24.46	24.42	24.45		
1.4	QPSK	3	1	24.37	24.35	24.32		
1.4	QPSK	3	3	24.43	24.43	24.40		
1.4	QPSK	6	0	23.35	23.34	23.33	24.5	1
1.4	16QAM	1	0	23.29	23.30	23.23		
1.4	16QAM	1	3	23.26	23.30	23.31		
1.4	16QAM	1	5	23.33	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.37	23.51	23.52		
1.4	16QAM	3	1	23.46	23.46	23.44		
1.4	16QAM	3	3	23.48	23.51	23.46		
1.4	16QAM	6	0	22.24	22.31	22.23	23.5	2
1.4	64QAM	1	0	22.35	22.30	22.29		
1.4	64QAM	1	3	22.34	22.31	22.35		
1.4	64QAM	1	5	22.24	22.34	22.23	23.5	2
1.4	64QAM	3	0	22.40	22.45	22.40		
1.4	64QAM	3	1	22.48	22.47	22.44		
1.4	64QAM	3	3	22.47	22.50	22.47		
1.4	64QAM	6	0	21.24	21.27	21.26	22.5	3
1.4	256QAM	1	0	19.79	19.77	19.71		
1.4	256QAM	1	3	19.68	19.73	19.67		
1.4	256QAM	1	5	19.55	19.58	19.60	20.5	5
1.4	256QAM	3	0	19.81	19.72	19.54		
1.4	256QAM	3	1	19.59	19.63	19.54		
1.4	256QAM	3	3	19.57	19.60	19.42		
1.4	256QAM	6	0	19.65	19.71	19.63	20.5	5

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.89	23.10	22.86		
10	QPSK	1	25	22.85	22.85	22.76	24.5	0
10	QPSK	1	49	22.74	22.87	22.77		
10	QPSK	25	0	22.86	22.89	22.84		
10	QPSK	25	12	22.84	22.79	22.74	24.5	0
10	QPSK	25	25	22.84	22.84	22.80		
10	QPSK	50	0	22.82	22.85	22.77		
10	16QAM	1	0	22.77	22.83	22.82		
10	16QAM	1	25	22.77	22.74

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		25.09			
10	QPSK	1	25		25.05		25.7	0
10	QPSK	1	49		24.77			
10	QPSK	25	0		24.00			
10	QPSK	25	12		23.98		24.7	1
10	QPSK	25	25		23.94			
10	QPSK	50	0		23.96			
10	16QAM	1	0		24.30			
10	16QAM	1	25		23.98		24.7	1
10	16QAM	1	49		24.19			
10	16QAM	25	0		22.98			
10	16QAM	25	12		22.98		23.7	2
10	16QAM	25	25		22.93			
10	16QAM	50	0		22.92			
10	64QAM	1	0		23.23			
10	64QAM	1	25		23.13		23.7	2
10	64QAM	1	49		23.13			
10	64QAM	25	0		21.95			
10	64QAM	25	12		21.98		22.7	3
10	64QAM	25	25		21.92			
10	64QAM	50	0		21.96			
10	256QAM	1	0		20.47			
10	256QAM	1	25		20.30		20.7	5
10	256QAM	1	49		20.30			
10	256QAM	25	0		20.25			
10	256QAM	25	12		20.22		20.7	5
10	256QAM	25	25		20.17			
10	256QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.99	25.02	25.06		
5	QPSK	1	12	24.96	25.03	24.95	25.7	0
5	QPSK	1	24	24.68	24.74	24.70		
5	QPSK	12	0	23.94	23.91	23.91		
5	QPSK	12	7	23.87	23.90	23.96	24.7	1
5	QPSK	12	13	23.90	23.91	23.86		
5	QPSK	25	0	23.93	23.93	23.89		
5	16QAM	1	0	24.26	24.27	24.28		
5	16QAM	1	12	23.96	23.92	23.95	24.7	1
5	16QAM	1	24	24.09	24.11	24.15		
5	16QAM	12	0	22.87	22.91	22.95		
5	16QAM	12	7	22.92	22.90	22.94	23.7	2
5	16QAM	12	13	22.84	22.87	22.82		
5	16QAM	25	0	22.85	22.87	22.89		
5	64QAM	1	0	23.17	23.21	23.13		
5	64QAM	1	12	23.03	23.09	23.04	23.7	2
5	64QAM	1	24	23.10	23.06	23.04		
5	64QAM	12	0	21.89	21.85	21.87		
5	64QAM	12	7	21.92	21.90	21.93	22.7	3
5	64QAM	12	13	21.87	21.82	21.83		
5	64QAM	25	0	21.93	21.93	21.90		
5	256QAM	1	0	20.42	20.44	20.48		
5	256QAM	1	12	20.22	20.23	20.27	20.7	5
5	256QAM	1	24	20.30	20.28	20.24		
5	256QAM	12	0	20.22	20.30	20.29		
5	256QAM	12	7	20.28	20.30	20.28	20.7	5
5	256QAM	12	13	20.25	20.19	20.13		
5	256QAM	25	0	20.13	20.18	20.21		

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		20.93			
10	QPSK	1	25		20.90		22	0
10	QPSK	1	49		20.89			
10	QPSK	25	0		20.90			
10	QPSK	25	12		20.88		22	0
10	QPSK	25	25		20.85			
10	QPSK	50	0		20.89			
10	16QAM	1	0		20.79			
10	16QAM	1	25		20.85		22	0
10	16QAM	1	49		20.79			
10	16QAM	25	0		20.83			
10	16QAM	25	12		20.73		22	0
10	16QAM	25	25		20.78			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.81			
10	64QAM	1	25		20.79		22	0
10	64QAM	1	49		20.88			
10	64QAM	25	0		20.82			
10	64QAM	25	12		20.78		22	0
10	64QAM	25	25		20.81			
10	64QAM	50	0		20.80			
10	256QAM	1	0		19.79			
10	256QAM	1	25		19.55		20.5	1.5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.49			
10	256QAM	25	12		19.51		20.5	1.5
10	256QAM	25	25		19.45			
10	256QAM	50	0		19.48			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.79	20.91	20.81		
5	QPSK	1	12	20.81	20.87	20.75	22	0
5	QPSK	1	24	20.82	20.85	20.78		
5	QPSK	12	0	20.83	20.75	20.88		
5	QPSK	12	7	20.81	20.80	20.74	22	0
5	QPSK	12	13	20.76	20.78	20.80		
5	QPSK	25	0	20.76	20.75	20.76		
5	16QAM	1	0	20.76	20.78	20.72		
5	16QAM	1	12	20.82	20.71	20.82	22	0
5	16QAM	1	24	20.77	20.72	20.67		
5	16QAM	12	0	20.78	20.80	20.79		
5	16QAM	12	7	20.59	20.70	20.69	22	0
5	16QAM	12	13	20.77	20.67	20.68		
5	16QAM	25	0	20.61	20.69	20.72		
5	64QAM	1	0	20.73	20.71	20.80		
5	64QAM	1	12	20.67	20.66	20.65	22	0
5	64QAM	1	24	20.76	20.74	20.73		
5	64QAM	12	0	20.76	20.78	20.71		
5	64QAM	12	7	20.71	20.66	20.77	22	0
5	64QAM	12	13	20.69	20.74	20.79		
5	64QAM	25	0	20.71	20.76	20.65		
5	256QAM	1	0	19.72	19.76	19.77		
5	256QAM	1	12	19.50	19.53	19.45	20.5	1.5
5	256QAM	1	24	19.45	19.52	19.48		
5	256QAM	12	0	19.39	19.43	19.47		
5	256QAM	12	7	19.43	19.44	19.37	20.5	1.5
5	256QAM	12	13	19.34	19.44	19.41		
5	256QAM	25	0	19.45	19.33	19.34		

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	24.46	24.50	24.48		
10	QPSK	1	25	24.42	24.40	24.38	25.5	0
10	QPSK	1	49	24.45	24.40	24.46		
10	QPSK	25	0	23.42	23.45	23.38		
10	QPSK	25	12	23.35	23.36	23.33	24.5	1
10	QPSK	25	25	23.41	23.41	23.35		
10	QPSK	50	0	23.40	23.42	23.36		
10	16QAM	1	0	23.52	23.52	23.55		
10	16QAM	1	25	23.53	23.55	23.51	24.5	1
10	16QAM	1	49	23.51	23.49	23.56		
10	16QAM	25	0	22.39	22.39	22.36		
10	16QAM	25	12	22.34	22.33	22.32	23.5	2
10	16QAM	25	25	22.40	22.39	22.34		
10	16QAM	50	0	22.38	22.39	22.34		
10	64QAM	1	0	22.45	22.53	22.47		
10	64QAM	1	25	22.56	22.52	22.48	23.5	2
10	64QAM	1	49	22.53	22.49	22.52		
10	64QAM	25	0	21.39	21.41	21.36		
10	64QAM	25	12	21.33	21.33	21.32	22.5	3
10	64QAM	25	25	21.41	21.39	21.32		
10	64QAM	50	0	21.40	21.39	21.36		
10	256QAM	1	0	19.77	19.84	19.82		
10	256QAM	1	25	19.66	19.72	19.68	20.5	5
10	256QAM	1	49	19.66	19.67	19.59		
10	256QAM	25	0	19.66	19.68	19.67		
10	256QAM	25	12	19.69	19.61	19.66	20.5	5
10	256QAM	25	25	19.66	19.63	19.63		
10	256QAM	50	0	19.72	19.69	19.69		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.43	24.40	24.45		
5	QPSK	1	12	24.34	24.29	24.34	25.5	0
5	QPSK	1	24	24.36	24.29	24.39		
5	QPSK	12	0	23.40	23.41	23.27		
5	QPSK	12	7	23.32	23.28	23.22	24.5	1
5	QPSK	12	13	23.30	23.39	23.27		
5	QPSK	25	0	23.33	23.34	23.32		
5	16QAM	1	0	23.41	23.41	23.50		
5	16QAM	1	12	23.50	23.48	23.45	24.5	1
5	16QAM	1	24	23.48	23.47	23.46		
5	16QAM	12	0	22.32	22.36	22.28		
5	16QAM	12	7	22.27	22.29	22.30	23.5	2
5	16QAM	12	13	22.32	22.37	22.30		
5	16QAM	25	0	22.33	22.30	22.24		
5	64QAM	1	0	22.39	22.44	22.40		
5	64QAM	1	12	22.50	22.46	22.44	23.5	2
5	64QAM	1	24	22.48	22.45	22.45		
5	64QAM	12	0	21.29	21.31	21.32		
5	64QAM	12	7	21.26	21.29	21.28	22.5	3
5	64QAM	12	13	21.33	21.32	21.30		
5	64QAM	25	0	21.36	21.34	21.33		
5	256QAM	1	0	19.82	19.89	19.74		
5	256QAM	1	12	19.62	19.71	19.67	20.5	5
5	256QAM	1	24	19.66	19.66	19.66		
5	256QAM	12	0	19.67	19.75	19.61		
5	256QAM	12	7	19.75	19.57	19.58	20.5	5
5	256QAM	12	13	19.60	19.70	19.64		
5	256QAM	25	0	19.72	19.76	19.77		

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	22.31	22.36	22.33		
10	QPSK	1	25	22.15	22.26	22.19	24	0
10	QPSK	1	49	22.20	22.25	22.30		
10	QPSK	25	0	22.30	22.33	22.32		
10	QPSK	25	12	22.23	22.32	22.21	24	0
10	QPSK	25	25	22.28	22.29	22.30		
10	QPSK	50	0	22.28	22.30	22.29		
10	16QAM	1	0	22.17	22.30	22.31		
10	16QAM	1	25	22.26	22.27	22.29	24	0
10	16QAM	1	49	22.25	22.24	22.21		
10	16QAM	25	0	21.83	21.79	21.77		
10	16QAM	25	12	21.74	21.75	21.71	23.5	0.5
10	16QAM	25	25	21.82	21.80	21.74		
10	16QAM	50	0	21.82	21.80	21.74		
10	64QAM	1	0	21.92	21.97	21.92		
10	64QAM	1	25	21.97	21.96	21.85	23.5	0.5
10	64QAM	1	49	21.90	21.88	21.96		
10	64QAM	25	0	20.83	20.82	20.78		
10	64QAM	25	12	20.76	20.76	20.74	22.5	1.5
10	64QAM	25	25	20.84	20.81	20.76		
10	64QAM	50	0	20.83	20.81	20.75		
10	256QAM	1	0	19.22	19.23	19.21		
10	256QAM	1	25	19.20	19.12	19.07	20.5	3.5
10	256QAM	1	49	19.20	19.12	19.08		
10	256QAM	25	0	19.07	19.13	19.15		
10	256QAM	25	12	19.01	19.04	19.00	20.5	3.5
10	256QAM	25	25	19.12	19.06	19.13		
10	256QAM	50	0	19.15	19.10	19.09		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.28	22.35	22.25		
5	QPSK	1	12	22.09	22.20	22.14	24	0
5	QPSK	1	24	22.16	22.11	22.26		
5	QPSK	12	0	22.17	22.23	22.28		
5	QPSK	12	7	22.17	22.27	22.17	24	0
5	QPSK	12	13	22.21	22.27	22.20		
5	QPSK	25	0	22.18	22.24	22.27		
5	16QAM	1	0	22.08	22.24	22.30		
5	16QAM	1	12	22.19	22.13	22.19	24	0
5	16QAM	1	24	22.15	22.16	22.17		
5	16QAM	12	0	21.74	21.77	21.67		
5	16QAM	12	7	21.71	21.68	21.64	23.5	0.5
5	16QAM	12	13	21.74	21.70	21.64		
5	16QAM	25	0	21.72	21.78	21.70		
5	64QAM	1	0	21.89	21.86	21.88		
5	64QAM	1	12	21.87	21.90	21.83	23.5	0.5
5	64QAM	1	24	21.83	21.86	21.92		
5	64QAM	12	0	20.72	20.75	20.69		
5	64QAM	12	7	20.66	20.69	20.64	22.5	1.5
5	64QAM	12	13	20.80	20.72	20.73		
5	64QAM	25	0	20.72	20.70	20.72		
5	256QAM	1	0	19.19	19.15	19.17		
5	256QAM	1	12	19.28	19.07	19.03	20.5	3.5
5	256QAM	1	24	19.20	19.15	19.11		
5	256QAM	12	0	19.12	19.14	19.13		
5	256QAM	12	7	18.94	19.06	19.07	20.5	3.5
5	256QAM	12	13	19.09	19.02	19.10		
5	256QAM	25	0	19.11	19.06	19.05		

Band 26_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	25.02	25.05	24.86		
15	QPSK	1	37	24.79	24.89	24.68	25.7	0
15	QPSK	1	74	25.00	24.89	24.78		
15	QPSK	36	0	23.95	23.97	23.75		
15	QPSK	36	20	23.85	23.84	23.69	24.7	1
15	QPSK	36	39	23.90	23.84	23.71		
15	QPSK	75	0	23.83	23.87	23.74		
15	16QAM	1	0	23.96	24.02	24.07		
15	16QAM	1	37	23.90	24.05	23.82	24.7	1
15	16QAM	1	74	24.01	24.05	23.96		
15	16QAM	36	0	22.79	22.89	22.74		
15	16QAM	36	20	22.83	22.81	22.68	23.7	2
15	16QAM	36	39	22.87	22.85	22.71		
15	16QAM	75	0	22.82	22.84	22.75		
15	64QAM	1	0	22.93	22.97	23.00		
15	64QAM	1	37	22.89	23.00	22.79	23.7	2
15	64QAM	1	74	23.09	23.00	22.91		
15	64QAM	36	0	21.79	21.88	21.73		
15	64QAM	36	20	21.83	21.81	21.68	22.7	3
15	64QAM	36	39	21.88	21.84	21.70		
15	64QAM	75	0	21.84	21.83	21.74		
15	256QAM	1	0	20.18	20.21	20.18		
15	256QAM	1	37	20.21	20.20	20.12	20.7	5
15	256QAM	1	74	20.09	20.12	20.04		
15	256QAM	36	0	20.09	20.03	20.03		
15	256QAM	36	20	20.02	19.96	19.96	20.7	5
15	256QAM	36	39	20.03	19.99	19.93		
15	256QAM	75	0	19.99	20.03	19.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.95	24.94	24.75		
10	QPSK	1	25	24.71	24.83	24.59	25.7	0
10	QPSK	1	49	24.93	24.85	24.73		
10	QPSK	25	0	23.85	23.87	23.71		
10	QPSK	25	12	23.74	23.82	23.66	24.7	1
10	QPSK	25	25	23.81	23.82	23.69		
10	QPSK	50	0	23.77	23.79	23.71		
10	16QAM	1	0	23.87	23.98	24.01		
10	16QAM	1	25	23.82	23.98	23.72	24.7	1
10	16QAM	1	49	23.97	23.97	23.91		
10	16QAM	25	0	22.74	22.81	22.71		
10	16QAM	25	12	22.73	22.70	22.58	23.7	2
10	16QAM	25	25	22.81	22.75	22.64		
10	16QAM	50	0	22.77	22.81	22.70		
10	64QAM	1	0	22.83	22.91	22.93		
10	64QAM	1	25	22.86	22.97	22.71	23.7	2
10	64QAM	1	49	22.97	22.94	22.85		
10	64QAM	25	0	21.76	21.83	21.65		
10	64QAM	25	12	21.78	21.75	21.57	22.7	3
10	64QAM	25	25	21.78	21.80	21.62		
10	64QAM	50	0	21.75	21.75	21.71		
10	256QAM	1	0	20.23	20.28	20.24		
10	256QAM	1	25	20.14	20.22	20.06	20.7	5
10	256QAM	1	49	20.17	20.08	20.08		
10	256QAM	25	0	20.01	19.98	20.07		
10	256QAM	25	12	19.94	19.88	19.98	20.7	5
10	256QAM	25	25	20.03	19.92	19.96		
10	256QAM	50	0	19.91	20.10	20.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	24.99	24.76		
5	QPSK	1	12	24.71	24.83	24.63	25.7	0
5	QPSK	1	24	24.96	24.82	24.75		
5	QPSK	12	0	23.94	23.93	23.67		
5	QPSK	12	7	23.82	23.80	23.60	24.7	1
5	QPSK	12	13	23.81	23.80	23.66		
5	QPSK	25	0	23.77	23.77	23.70		
5	16QAM	1	0	23.92	23.91	24.00		
5	16QAM	1	12	23.83	24.02	23.77	24.7	1
5	16QAM	1	24	23.95	23.99	23.85		
5	16QAM	12	0	22.73	22.78	22.68		
5	16QAM	12	7	22.82	22.80	22.64	23.7	2
5	16QAM	12	13	22.76	22.79	22.64		
5	16QAM	25	0	22.75	22.80	22.67		
5	64QAM	1	0	22.91	22.88	22.91		
5	64QAM	1	12	22.84	22.97	22.76	23.7	2
5	64QAM	1	24	23.00	22.93	22.84		
5	64QAM	12	0	21.71	21.81	21.62		
5	64QAM	12	7	21.76	21.70	21.65	22.7	3
5	64QAM	12	13	21.80	21.76	21.63		
5	64QAM	25	0	21.76	21.76	21.66		
5	256QAM	1	0	20.16	20.26	20.22		
5	256QAM	1	12	20.24	20.26	20.16	20.7	5
5	256QAM	1	24	20.11	20.18	20.10		
5	256QAM	12	0	20.09	20.04	20.11		
5	256QAM	12	7	20.07	20.01	19.91	20.7	5
5	256QAM	12	13	20.07	19.94	19.93		
5	256QAM	25	0	20.05	20.11	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	24.98	24.81		
3	QPSK	1	8	24.69	24.81	24.64	25.7	0
3	QPSK	1	14	24.97	24.79	24.70		
3	QPSK	8	0	23.85	23.93	23.66		
3	QPSK	8	4	23.79	23.82	23.58	24.7	1
3	QPSK	8	7	23.81	23.77	23.66		
3	QPSK	15	0	23.77	23.83	23.64		
3	16QAM	1	0	23.98	24.08	24.00		
3	16QAM	1	8	23.87	23.95	23.71	24.7	1
3	16QAM	1	14	23.96	24.01	23.86		
3	16QAM	8	0	22.71	22.78	22.72		
3	16QAM	8	4	22.77	22.75	22.64	23.7	2
3	16QAM	8	7	22.76	22.75	22.68		
3	16QAM	15	0	22.76	22.81	22.69		
3	64QAM	1	0	22.87	22.91	22.92		
3	64QAM	1	8	22.95	22.96	22.72	23.7	2
3	64QAM	1	14	22.94	22.96	22.87		
3	64QAM	8	0	21.75	21.86	21.67		
3	64QAM	8	4	21.73	21.70	21.58	22.7	3
3	64QAM	8	7	21.83	21.82	21.63		
3	64QAM	15	0	21.76	21.72	21.68		
3	256QAM	1	0	20.20	20.19	20.17		
3	256QAM	1	8	20.13	20.25	20.04	20.7	5
3	256QAM	1	14	20.17	20.18	20.02		
3	256QAM	8	0	20.17	20.00	20.00		
3	256QAM	8	4	20.04	19.94	19.95	20.7	5
3	256QAM	8	7	20.03	20.03	20.00		
3	256QAM	15	0	20.05	20.05	20.03		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.96	24.97	24.75		
1.4	QPSK	1	3	24.74	24.84	24.59		
1.4	QPSK	1	5	24.94	24.85	24.74	25.7	0
1.4	QPSK	3	0	24.91	24.94	24.80		
1.4	QPSK	3	1	24.70	24.84	24.61		
1.4	QPSK	3	3	24.97	24.82	24.75		
1.4	QPSK	6	0	23.91	23.91	23.72	24.7	1
1.4	16QAM	1	0	23.79	23.78	23.62		
1.4	16QAM	1	3	23.82	23.78	23.66		
1.4	16QAM	1	5	23.73	23.83	23.72	24.7	1
1.4	16QAM	3	0	23.87	23.93	24.03		
1.4	16QAM	3	1	23.85	24.00	23.75		
1.4	16QAM	3	3	23.94	24.01	23.94		
1.4	16QAM	6	0	22.70	22.78	22.64	23.7	2
1.4	64QAM	1	0	22.79	22.71	22.63		
1.4	64QAM	1	3	22.79	22.74	22.67		
1.4	64QAM	1	5	22.77	22.74	22.70	23.7	2
1.4	64QAM	3	0	22.84	22.86	22.97		
1.4	64QAM	3	1	22.79	22.98	22.73		
1.4	64QAM	3	3	22.91	22.91	22.82		
1.4	64QAM	6	0	21.72	21.82	21.70	22.7	3
1.4	256QAM	1	0	20.10	20.17	20.21		
1.4	256QAM	1	3	20.20	20.17	20.16		
1.4	256QAM	1	5	20.05	20.07	20.09	20.7	5
1.4	256QAM	3	0	20.12	19.95	19.99		
1.4	256QAM	3	1	20.01	19.99	20.00		
1.4	256QAM	3	3	20.04	20.04	19.89		
1.4	256QAM	6	0	19.93	20.05	19.94	20.7	5

Band 26_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	20.75	20.78	20.68		
15	QPSK	1	37	20.61	20.70	20.64	22	0
15	QPSK	1	74	20.65	20.60	20.52		
15	QPSK	36	0	20.72	20.75	20.65		
15	QPSK	36	20	20.63	20.69	20.53	22	0
15	QPSK	36	39	20.71	20.72	20.64		
15	QPSK	75	0	20.70	20.73	20.63		
15	16QAM	1	0	20.69	20.65	20.50		
15	16QAM	1	37	20.66	20.61	20.64	22	0
15	16QAM	1	74	20.68	20.71	20.60		
15	16QAM	36	0	20.66	20.62	20.63		
15	16QAM	36	20	20.67	20.65	20.51	22	0
15	16QAM	36	39	20.63	20.69	20.62		
15	16QAM	75	0	20.64	20.72	20.53		
15	64QAM	1	0	20.65	20.71	20.54		
15	64QAM	1	37	20.62	20.62	20.55	22	0
15	64QAM	1	74	20.61	20.61	20.64		
15	64QAM	36	0	20.71	20.62	20.58		
15	64QAM	36	20	20.66	20.66	20.50	22	0
15	64QAM	36	39	20.66	20.69	20.53		
15	64QAM	75	0	20.63	20.73	20.61		
15	256QAM	1	0	19.42	19.39	19.46		
15	256QAM	1	37	19.36	19.35	19.29	20.5	1.5
15	256QAM	1	74	19.30	19.23	19.17		
15	256QAM	36	0	19.22	19.19	19.17		
15	256QAM	36	20	19.04	19.08	19.14	20.5	1.5
15	256QAM	36	39	19.06	19.12	19.05		
15	256QAM	75	0	19.10	19.18	19.19		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.62	20.61	20.62		
10	QPSK	1	25	20.58	20.68	20.51	22	0
10	QPSK	1	49	20.58	20.73	20.51		
10	QPSK	25	0	20.66	20.60	20.54		
10	QPSK	25	12	20.60	20.70	20.54	22	0
10	QPSK	25	25	20.58	20.61	20.50		
10	QPSK	50	0	20.58	20.73	20.51		
10	16QAM	1	0	20.63	20.66	20.61		
10	16QAM	1	25	20.59	20.72	20.50	22	0
10	16QAM	1	49	20.70	20.60	20.54		
10	16QAM	25	0	20.63	20.70	20.57		
10	16QAM	25	12	20.68	20.71	20.50	22	0
10	16QAM	25	25	20.60	20.63	20.58		
10	16QAM	50	0	20.60	20.60	20.59		
10	64QAM	1	0	20.68	20.62	20.55		
10	64QAM	1	25	20.59	20.61	20.61	22	0
10	64QAM	1	49	20.66	20.64	20.58		
10	64QAM	25	0	20.57	20.64	20.50		
10	64QAM	25	12	20.59	20.70	20.51	22	0
10	64QAM	25	25	20.66	20.60	20.59		
10	64QAM	50	0	20.60	20.64	20.58		
10	256QAM	1	0	19.37	19.44	19.48		
10	256QAM	1	25	19.38	19.33	19.27	20.5	1.5
10	256QAM	1	49	19.23	19.17	19.16		
10	256QAM	25	0	19.30	19.17	19.12		
10	256QAM	25	12	19.02	19.00	19.17	20.5	1.5
10	256QAM	25	25	19.13	19.13	19.02		
10	256QAM	50	0	19.03	19.23	19.15		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.66	20.69	20.55		
5	QPSK	1	12	20.62	20.62	20.57	22	0
5	QPSK	1	24	20.66	20.63	20.61		
5	QPSK	12	0	20.71	20.72	20.54		
5	QPSK	12	7	20.62	20.71	20.50	22	0
5	QPSK	12	13	20.60	20.68	20.62		
5	QPSK	25	0	20.68	20.65	20.57		
5	16QAM	1	0	20.64	20.64	20.63		
5	16QAM	1	12	20.58	20.67	20.52	22	0
5	16QAM	1	24	20.70	20.63	20.52		
5	16QAM	12	0	20.63	20.69	20.61		
5	16QAM	12	7	20.67	20.63	20.54	22	0
5	16QAM	12	13	20.70	20.63	20.63		
5	16QAM	25	0	20.58	20.68	20.58		
5	64QAM	1	0	20.68	20.70	20.60		
5	64QAM	1	12	20.60	20.65	20.58	22	0
5	64QAM	1	24	20.60	20.70	20.54		
5	64QAM	12	0	20.57	20.67	20.60		
5	64QAM	12	7	20.68	20.74	20.62	22	0
5	64QAM	12	13	20.67	20.73	20.63		
5	64QAM	25	0	20.63	20.62	20.51		
5	256QAM	1	0	19.40	19.35	19.38		
5	256QAM	1	12	19.29	19.31	19.33	20.5	1.5
5	256QAM	1	24	19.30	19.25	19.21		
5	256QAM	12	0	19.21	19.26	19.12		
5	256QAM	12	7	18.96	19.09	19.15	20.5	1.5
5	256QAM	12	13	18.98	19.12	19.10		
5	256QAM	25	0	19.17	19.22	19.23		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.66	20.69	20.57		
3	QPSK	1	8	20.59	20.67	20.62	22	0
3	QPSK	1	14	20.68	20.63	20.61		
3	QPSK	8	0	20.63	20.70	20.51		
3	QPSK	8	4	20.69	20.70	20.54	22	0
3	QPSK	8	7	20.67	20.60	20.59		
3	QPSK	15	0	20.64	20.67	20.58		
3	16QAM	1	0	20.70	20.63	20.62		
3	16QAM	1	8	20.68	20.64	20.60	22	0
3	16QAM	1	14	20.66	20.60	20.60		
3	16QAM	8	0	20.70	20.63	20.54		
3	16QAM	8	4	20.68	20.67	20.52	22	0
3	16QAM	8	7	20.63	20.62	20.55		
3	16QAM	15	0	20.65	20.65	20.50		
3	64QAM	1	0	20.70	20.72	20.53		
3	64QAM	1	8	20.69	20.70	20.64	22	0
3	64QAM	1	14	20.67	20.65	20.62		
3	64QAM	8	0	20.59	20.63	20.53		
3	64QAM	8	4	20.57	20.62	20.56	22	0
3	64QAM	8	7	20.71	20.74	20.53		
3	64QAM	15	0	20.66	20.66	20.57		
3	256QAM	1	0	19.39	19.35	19.51		
3	256QAM	1	8	19.36	19.36	19.36	20.5	1.5
3	256QAM	1	14	19.23	19.21	19.21		
3	256QAM	8	0	19.20	19.20	19.24		
3	256QAM	8	4	18.98	19.02	19.06	20.5	1.5
3	256QAM	8	7	18.99	19.09	19.02		
3	256QAM	15	0	19.03	19.20	19.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.66	20.72	20.54		
1.4	QPSK	1	3	20.69	20.61	20.62		
1.4	QPSK	1	5	20.68	20.71	20.59	22	0
1.4	QPSK	3	0	20.69	20.73	20.62		
1.4	QPSK	3	1	20.65	20.70	20.55		
1.4	QPSK	3	3	20.63	20.67	20.52		
1.4	QPSK	6	0	20.65	20.73	20.52	22	0
1.4	16QAM	1	0	20.64	20.67	20.54		
1.4	16QAM	1	3	20.61	20.64	20.55		
1.4	16QAM	1	5	20.71	20.66	20.63	22	0
1.4	16QAM	3	0	20.58	20.65	20.52		
1.4	16QAM	3	1	20.67	20.62	20.62		
1.4	16QAM	3	3	20.62	20.69	20.55		
1.4	16QAM	6	0	20.62	20.65	20.61	22	0
1.4	64QAM	1	0	20.69	20.65	20.52		
1.4	64QAM	1	3	20.69	20.69	20.54		
1.4	64QAM	1	5	20.65	20.69	20.60	22	0
1.4	64QAM	3	0	20.70	20.67	20.55		
1.4	64QAM	3	1	20.68	20.65	20.51		
1.4	64QAM	3	3	20.63	20.73	20.51		
1.4	64QAM	6	0	20.65	20.73	20.61	22	0
1.4	256QAM	1	0	19.41	19.47	19.43		
1.4	256QAM	1	3	19.33	19.36	19.22		
1.4	256QAM	1	5	19.33	19.19	19.20	20.5	1.5
1.4	256QAM	3	0	19.25	19.18	19.12		
1.4	256QAM	3	1	19.11	19.10	19.09		
1.4	256QAM	3	3	19.01	19.09	19.11		
1.4	256QAM	6	0	19.07	19.26	19.23	20.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.97	17.98	17.89		
20	QPSK	1	49	17.91	17.93	17.77	19	0
20	QPSK	1	99	17.88	17.94	17.83		
20	QPSK	50	0	17.93	17.96	17.86		
20	QPSK	50	24	17.84	17.90	17.83	19	0
20	QPSK	50	50	17.91	17.89	17.78		
20	QPSK	100	0	17.90	17.92	17.85		
20	16QAM	1	0	17.85	17.89	17.82		
20	16QAM	1	49	17.84	17.92	17.82	19	0
20	16QAM	1	99	17.87	17.93	17.84		
20	16QAM	50	0	17.87	17.88	17.85		
20	16QAM	50	24	17.86	17.88	17.79	19	0
20	16QAM	50	50	17.92	17.88	17.81		
20	16QAM	100	0	17.86	17.89	17.85		
20	64QAM	1	0	17.88	17.89	17.83		
20	64QAM	1	49	17.84	17.87	17.82	19	0
20	64QAM	1	99	17.91	17.92	17.83		
20	64QAM	50	0	17.86	17.90	17.81		
20	64QAM	50	24	17.92	17.91	17.81	19	0
20	64QAM	50	50	17.89	17.85	17.78		
20	64QAM	100	0	17.92	17.88	17.77		
20	256QAM	1	0	17.84	17.92	17.83		
20	256QAM	1	49	17.84	17.87	17.81	19	0
20	256QAM	1	99	17.92	17.94	17.79		
20	256QAM	50	0	17.92	17.87	17.77		
20	256QAM	50	24	17.89	17.94	17.82	19	0
20	256QAM	50	50	17.90	17.91	17.84		
20	256QAM	100	0	17.88	17.89	17.78		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.89	17.92	17.80		
15	QPSK	1	37	17.81	17.87	17.69	19	0
15	QPSK	1	74	17.84	17.86	17.75		
15	QPSK	36	0	17.86	17.84	17.77		
15	QPSK	36	20	17.81	17.81	17.77	19	0
15	QPSK	36	39	17.81	17.85	17.70		
15	QPSK	75	0	17.82	17.86	17.76		
15	16QAM	1	0	17.79	17.79	17.76		
15	16QAM	1	37	17.83	17.90	17.75	19	0
15	16QAM	1	74	17.82	17.84	17.81		
15	16QAM	36	0	17.83	17.87	17.83		
15	16QAM	36	20	17.77	17.84	17.77	19	0
15	16QAM	36	39	17.79	17.84	17.73		
15	16QAM	75	0	17.85	17.84	17.77		
15	64QAM	1	0	17.87	17.82	17.82		
15	64QAM	1	37	17.74	17.77	17.77	19	0
15	64QAM	1	74	17.86	17.86	17.71		
15	64QAM	36	0	17.84	17.80	17.73		
15	64QAM	36	20	17.86	17.88	17.77	19	0
15	64QAM	36	39	17.87	17.76	17.69		
15	64QAM	75	0	17.87	17.77	17.70		
15	256QAM	1	0	17.76	17.88	17.81		
15	256QAM	1	37	17.82	17.80	17.78	19	0
15	256QAM	1	74	17.82	17.85	17.71		
15	256QAM	36	0	17.91	17.84	17.71		
15	256QAM	36	20	17.83	17.84	17.81	19	0
15	256QAM	36	39	17.82	17.84	17.76		
15	256QAM	75	0	17.87	17.88	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.89	17.94	17.82		
10	QPSK	1	25	17.90	17.84	17.75	19	0
10	QPSK	1	49	17.85	17.87	17.77		
10	QPSK	25	0	17.92	17.87	17.79		
10	QPSK	25	12	17.78	17.81	17.81	19	0
10	QPSK	25	25	17.86	17.84	17.73		
10	QPSK	50	0	17.86	17.83	17.81		
10	16QAM	1	0	17.81	17.86	17.79		
10	16QAM	1	25	17.74	17.90	17.74	19	0
10	16QAM	1	49	17.79	17.89	17.83		
10	16QAM	25	0	17.80	17.85	17.84		
10	16QAM	25	12	17.77	17.87	17.75	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.63	19.65	19.61		
20	QPSK	1	49	19.51	19.61	19.53	20.5	0
20	QPSK	1	99	19.56	19.61	19.50		
20	QPSK	50	0	19.61	19.63	19.60		
20	QPSK	50	24	19.52	19.57	19.56	20.5	0
20	QPSK	50	50	19.54	19.56	19.56		
20	QPSK	100	0	19.58	19.60	19.56		
20	16QAM	1	0	19.56	19.62	19.51		
20	16QAM	1	49	19.56	19.55	19.58	20.5	0
20	16QAM	1	99	19.56	19.56	19.59		
20	16QAM	50	0	19.57	19.61	19.54		
20	16QAM	50	24	19.60	19.57	19.54	20.5	0
20	16QAM	50	50	19.54	19.58	19.57		
20	16QAM	100	0	19.54	19.61	19.57		
20	64QAM	1	0	19.56	19.57	19.58		
20	64QAM	1	49	19.53	19.58	19.53	20.5	0
20	64QAM	1	99	19.52	19.60	19.58		
20	64QAM	50	0	19.52	19.58	19.53		
20	64QAM	50	24	19.59	19.61	19.58	20.5	0
20	64QAM	50	50	19.53	19.54	19.58		
20	64QAM	100	0	19.60	19.53	19.52		
20	256QAM	1	0	19.18	19.22	19.26		
20	256QAM	1	49	19.23	19.16	19.19	20	0.5
20	256QAM	1	99	19.09	19.15	19.13		
20	256QAM	50	0	19.04	19.05	19.03		
20	256QAM	50	24	19.17	19.09	19.09	20	0.5
20	256QAM	50	50	19.11	19.13	19.15		
20	256QAM	100	0	19.02	19.09	19.06		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.58	19.58	19.59		
15	QPSK	1	37	19.60	19.56	19.56	20.5	0
15	QPSK	1	74	19.58	19.57	19.53		
15	QPSK	36	0	19.54	19.58	19.53		
15	QPSK	36	20	19.57	19.60	19.59	20.5	0
15	QPSK	36	39	19.54	19.55	19.58		
15	QPSK	75	0	19.51	19.57	19.59		
15	16QAM	1	0	19.51	19.53	19.51		
15	16QAM	1	37	19.53	19.56	19.52	20.5	0
15	16QAM	1	74	19.60	19.61	19.54		
15	16QAM	36	0	19.53	19.58	19.57		
15	16QAM	36	20	19.55	19.61	19.51	20.5	0
15	16QAM	36	39	19.52	19.55	19.56		
15	16QAM	75	0	19.51	19.62	19.56		
15	64QAM	1	0	19.60	19.59	19.56		
15	64QAM	1	37	19.54	19.54	19.55	20.5	0
15	64QAM	1	74	19.57	19.53	19.52		
15	64QAM	36	0	19.53	19.54	19.52		
15	64QAM	36	20	19.60	19.57	19.53	20.5	0
15	64QAM	36	39	19.59	19.53	19.56		
15	64QAM	75	0	19.55	19.62	19.55		
15	256QAM	1	0	19.12	19.27	19.28		
15	256QAM	1	37	19.26	19.23	19.24	20	0.5
15	256QAM	1	74	19.08	19.17	19.16		
15	256QAM	36	0	19.05	19.09	18.95		
15	256QAM	36	20	19.25	19.17	19.01	20	0.5
15	256QAM	36	39	19.06	19.11	19.15		
15	256QAM	75	0	19.03	19.13	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.57	19.60	19.59		
10	QPSK	1	25	19.55	19.55	19.53	20.5	0
10	QPSK	1	49	19.51	19.53	19.50		
10	QPSK	25	0	19.56	19.59	19.59		
10	QPSK	25	12	19.55	19.57	19.58	20.5	0
10	QPSK	25	25	19.52	19.61	19.52		
10	QPSK	50	0	19.54	19.62	19.59		
10	16QAM	1	0	19.57	19.61	19.57		
10	16QAM	1	25	19.54	19.53	19.51	20.5	0
10	16QAM	1	49	19.54	19.58	19.55		
10	16QAM	25	0	19.52	19.53	19.50		
10	16QAM	25	12	19.51	19.59	19.56	20.5	0
10	16QAM	25	25	19.57	19.53	19.58		
10	16QAM	50	0	19.54	19.53	19.58		
10	64QAM	1	0	19.60	19.55	19.56		
10	64QAM	1	25	19.55	19.60	19.50	20.5	0
10	64QAM	1	49	19.56	19.54	19.52		
10	64QAM	25	0	19.54	19.55	19.52		
10	64QAM	25	12	19.53	19.55	19.58	20.5	0
10	64QAM	25	25	19.51	19.62	19.59		
10	64QAM	50	0	19.55	19.61	19.59		
10	256QAM	1	0	19.20	19.15	19.34		
10	256QAM	1	25	19.17	19.22	19.13	20	0.5
10	256QAM	1	49	19.02	19.15	19.18		
10	256QAM	25	0	19.11	19.13	19.10		
10	256QAM	25	12	19.18	19.18	19.05	20	0.5
10	256QAM	25	25	19.16	19.20	19.09		
10	256QAM	50	0	18.95	19.17	19.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.60	19.61	19.54		
5	QPSK	1	12	19.52	19.57	19.53	20.5	0
5	QPSK	1	24	19.60	19.58	19.53		
5	QPSK	12	0	19.52	19.58	19.51		
5	QPSK	12	7	19.57	19.61	19.50	20.5	0
5	QPSK	12	13	19.56	19.56	19.57		
5	QPSK	25	0	19.54	19.61	19.59		
5	16QAM	1	0	19.51	19.56	19.50		
5	16QAM	1	12	19.60	19.53	19.57	20.5	0
5	16QAM	1	24	19.60	19.53	19.53		
5	16QAM	12	0	19.54	19.58	19.54		
5	16QAM	12	7	19.58	19.61	19.52	20.5	0
5	16QAM	12	13	19.51	19.61	19.55		
5	16QAM	25	0	19.56	19.59	19.55		
5	64QAM	1	0	19.56	19.58	19.53		
5	64QAM	1	12	19.58	19.60	19.52	20.5	0
5	64QAM	1	24	19.52	19.55	19.55		
5	64QAM	12	0	19.55	19.57	19.50		
5	64QAM	12	7	19.52	19.62	19.58	20.5	0
5	64QAM	12	13	19.57	19.55	19.50		
5	64QAM	25	0	19.55	19.55	19.56		
5	256QAM	1	0	19.12	19.28	19.19		
5	256QAM	1	12	19.19	19.20	19.22	20	0.5
5	256QAM	1	24	19.15	19.11	19.13		
5	256QAM	12	0	19.12	19.09	19.06		
5	256QAM	12	7	19.22	19.15	19.09	20	0.5
5	256QAM	12	13	19.07	19.14	19.23		
5	256QAM	25	0	19.10	19.06	19.00		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.58	19.59	19.53		
3	QPSK	1	8	19.59	19.59	19.55	20.5	0
3	QPSK	1	14	19.52	19.54	19.56		
3	QPSK	8	0	19.58	19.58	19.53		
3	QPSK	8	4	19.59	19.61	19.56	20.5	0
3	QPSK	8	7	19.59	19.62	19.52		
3	QPSK	15	0	19.57	19.53	19.52		
3	16QAM	1	0	19.53	19.54	19.55		
3	16QAM	1	8	19.60	19.60	19.50	20.5	0
3	16QAM	1	14	19.54	19.61	19.53		
3	16QAM	8	0	19.58	19.61	19.56		
3	16QAM	8	4	19.51	19.62	19.52	20.5	0
3	16QAM	8	7	19.59	19.62	19.58		
3	16QAM	15	0	19.57	19.61	19.54		
3	64QAM	1	0	19.52	19.60	19.52		
3	64QAM	1	8	19.55	19.55	19.50	20.5	0
3	64QAM	1	14	19.55	19.59	19.51		
3	64QAM	8	0	19.55	19.60	19.55		
3	64QAM	8	4	19.59	19.57	19.57	20.5	0
3	64QAM	8	7	19.56	19.59	19.52		
3	64QAM	15	0	19.55	19.60	19.51		
3	256QAM	1	0	19.25	19.18	19.33		
3	256QAM	1	8	19.17	19.19	19.22	20	0.5
3	256QAM	1	14	19.12	19.11	19.05		
3	256QAM	8	0	19.06	19.13	18.98		
3	256QAM	8	4	19.21	19.02	19.08	20	0.5
3	256QAM	8	7	19.16	19.14	19.07		
3	256QAM	15	0	18.99	19.09	19.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.58	19.54	19.58		
1.4	QPSK	1	3	19.56	19.54	19.52		
1.4	QPSK	1	5	19.60	19.61	19.51	20.5	0
1.4	QPSK	3	0	19.60	19.61	19.50		
1.4	QPSK	3	1	19.59	19.56	19.59		
1.4	QPSK	3	3	19.54	19.58	19.55		
1.4	QPSK	6	0	19.58	19.53	19.52	20.5	0
1.4	16QAM	1	0	19.55	19.55	19.52		
1.4	16QAM	1	3	19.59	19.58	19.57	20.5	0
1.4	16QAM	1	5	19.58	19.61	19.53		
1.4	16QAM	3	0	19.58	19.57	19.59		
1.4	16QAM	3	1	19.52	19.62	19.52		
1.4	16QAM	3	3	19.54	19.59	19.59		
1.4	16QAM	6	0	19.58	19.58	19.50	20.5	0
1.4	64QAM	1	0	19.58	19.57	19.57		
1.4	64QAM	1	3	19.60	19.56	19.50	20.5	0
1.4	64QAM	1	5	19.51	19.54	19.59		
1.4	64QAM	3	0	19.59	19.58	19.56		
1.4	64QAM	3	1	19.59	19.53	19.56		
1.4	64QAM	3	3	19.51	19.53	19.56		
1.4	64QAM	6	0	19.57	19.58	19.50	20.5	0
1.4	256QAM	1	0	19.25	19.17	19.24		
1.4	256QAM	1	3	19.22	19.14	19.25	20	0.5
1.4	256QAM	1	5	19.17	19.10	19.16		
1.4	256QAM	3	0	19.07	19.04	19.06		
1.4	256QAM	3	1	19.11	19.07	19.04		
1.4	256QAM	3	3	19.05	19.14	19.11		
1.4	256QAM	6	0	18.94	19.12	18.98	20	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.08	17.16	17.06		
20	QPSK	1	49	17.02	17.04	16.96	18	0
20	QPSK	1	99	17.02	16.99	16.97		
20	QPSK	50	0	17.03	17.05	17.02		
20	QPSK	50	24	17.00	16.99	16.99	18	0
20	QPSK	50	50	16.96	17.04	16.99		
20	QPSK	100	0	17.00	17.02	16.99		
20	16QAM	1	0	16.96	16.95	16.96		
20	16QAM	1	49	16.93	16.95	16.94	18	0
20	16QAM	1	99	17.01	17.02	16.94		
20	16QAM	50	0	16.97	16.98	16.95		
20	16QAM	50	24	16.94	17.00	17.00	18	0
20	16QAM	50	50	16.95	17.00	17.00		
20	16QAM	100	0	17.02	17.02	17.01		
20	64QAM	1	0	16.97	16.95	16.94		
20	64QAM	1	49	17.01	17.03	17.00	18	0
20	64QAM	1	99	16.94	17.00	16.93		
20	64QAM	50	0	16.97	17.01	16.93		
20	64QAM	50	24	16.99	16.99	17.01	18	0
20	64QAM	50	50	16.95	17.04	16.96		
20	64QAM	100	0	17.02	16.99	16.97		
20	256QAM	1	0	17.09	17.10	17.05		
20	256QAM	1	49	17.06	17.11	17.09	18	0
20	256QAM	1	99	17.05	17.08	17.15		
20	256QAM	50	0	17.09	17.03	17.10		
20	256QAM	50	24	16.94	17.02	16.94	18	0
20	256QAM	50	50	16.96	17.03	17.10		
20	256QAM	100	0	17.04	17.00	17.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.06	17.02	17.01		
15	QPSK	1	37	16.93	16.97	16.86	18	0
15	QPSK	1	74	16.97	16.95	16.94		
15	QPSK	36	0	16.96	17.02	16.93		
15	QPSK	36	20	16.96	16.98	16.94	18	0
15	QPSK	36	39	16.94	16.98	16.97		
15	QPSK	75	0	16.91	16.98	16.92		
15	16QAM	1	0	16.91	16.93	16.87		
15	16QAM	1	37	16.92	16.92	16.85	18	0
15	16QAM	1	74	16.98	16.95	16.85		
15	16QAM	36	0	16.96	16.95	16.93		
15	16QAM	36	20	16.92	16.94	16.90	18	0
15	16QAM	36	39	16.87	16.91	16.89		
15	16QAM	75	0	17.00	17.01	16.92		
15	64QAM	1	0	16.93	16.90	16.87		
15	64QAM	1	37	16.93	16.97	16.98	18	0
15	64QAM	1	74	16.87	16.97	16.90		
15	64QAM	36	0	16.95	16.93	16.84		
15	64QAM	36	20	16.95	16.95	16.94	18	0
15	64QAM	36	39	16.91	17.03	16.87		
15	64QAM	75	0	16.98	16.94	16.93		
15	256QAM	1	0	17.08	17.08	17.00		
15	256QAM	1	37	17.04	17.02	17.04	18	0
15	256QAM	1	74	17.02	17.00	17.14		
15	256QAM	36	0	17.04	16.98	17.01		
15	256QAM	36	20	16.88	16.94	16.92	18	0
15	256QAM	36	39	16.87	16.96	17.08		
15	256QAM	75	0	17.01	16.99	16.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.02	17.09	17.04		
10	QPSK	1	25	17.01	16.97	16.88	18	0
10	QPSK	1	49	16.95	16.95	16.91		
10	QPSK	25	0	16.95	17.02	17.01		
10	QPSK	25	12	16.97	16.96	16.97	18	0
10	QPSK	25	25	16.86	16.97	16.97		
10	QPSK	50	0	16.93	16.98	16.90		
10	16QAM	1	0	16.93	16.94	16.90		
10	16QAM	1	25	16.85	16.85	16.92	18	0
10	16QAM	1	49	17.00	16.97	16.92		
10	16QAM	25	0	16.90	16.90	16.92		
10	16QAM	25	12	16.84	16.90	16.90	18	0
10	16QAM	25	25	16.85	16.91	16.94		
10	16QAM	50	0	16.93	16.94	16.93		
10	64QAM	1	0	16.87	16.94	16.92		
10	64QAM	1	25	16.94	16.94	16.98	18	0
10	64QAM	1	49	16.92	16.91	16.87		
10	64QAM	25	0	16.94	16.92	16.83		
10	64QAM	25	12	16.95	16.90	16.97	18	0
10	64QAM	25	25	16.94	16.97	16.87		
10	64QAM	50	0	17.01	16.96	16.95		
10	256QAM	1	0	16.99	17.01	16.95		
10	256QAM	1	25	16.98	17.10	17.04	18	0
10	256QAM	1	49	16.98	17.00	17.08		
10	256QAM	25	0	17.03	16.97	17.04		
10	256QAM	25	12	16.84	16.97	16.85	18	0
10	256QAM	25	25	16.95	16.97	17.04		
10	256QAM	50	0	16.96	16.94	16.91		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.07	17.03	17.01		
5	QPSK	1	12	16.97	16.98	16.92	18	0
5	QPSK	1	24	16.96	16.95	16.87		
5	QPSK	12	0	16.95	16.95	17.00		
5	QPSK	12	7	16.95	16.94	16.91	18	0
5	QPSK	12	13	16.89	16.95	16.98		
5	QPSK	25	0	16.95	16.98	16.98		
5	16QAM	1	0	16.87	16.87	16.92		
5	16QAM	1	12	16.86	16.86	16.85	18	0
5	16QAM	1	24	16.96	16.96	16.84		
5	16QAM	12	0	16.95	16.93	16.89		
5	16QAM	12	7	16.84	16.92	16.95	18	0
5	16QAM	12	13	16.90	16.93	16.93		
5	16QAM	25	0	16.99	17.00	16.96		
5	64QAM	1	0	16.91	16.89	16.85		
5	64QAM	1	12	16.95	17.01	16.99	18	0
5	64QAM	1	24	16.85	16.96	16.84		
5	64QAM	12	0	16.96	16.92	16.87		
5	64QAM	12	7	16.89	16.96	16.91	18	0
5	64QAM	12	13	16.92	16.96	16.88		
5	64QAM	25	0	16.94	16.98	16.95		
5	256QAM	1	0	17.00	17.05	17.00		
5	256QAM	1	12	17.05	17.09	17.04	18	0
5	256QAM	1	24	16.95	17.07	17.12		
5	256QAM	12	0	17.08	16.94	17.08		
5	256QAM	12	7	16.86	16.94	16.84	18	0
5	256QAM	12	13	16.86	16.99	17.07		
5	256QAM	25	0	17.00	16.96	16.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.04	17.01	16.99		
3	QPSK	1	8	17.00	17.02	16.90	18	0
3	QPSK	1	14	16.96	16.91	16.95		
3	QPSK	8	0	17.01	17.04	16.99		
3	QPSK	8	4	16.99	16.95	16.95	18	0
3	QPSK	8	7	16.88	17.03	16.93		
3	QPSK	15	0	16.98	16.94	16.91		
3	16QAM	1	0	16.90	16.86	16.87		
3	16QAM	1	8	16.83	16.86	16.93	18	0
3	16QAM	1	14	16.93	16.95	16.84		
3	16QAM	8	0	16.90	16.89	16.90		
3	16QAM	8	4	16.89	16.95	16.97	18	0
3	16QAM	8	7	16.94	16.99	16.93		
3	16QAM	15	0	16.99	16.97	16.91		
3	64QAM	1	0	16.94	16.86	16.84		
3	64QAM	1	8	16.94	16.99	16.94	18	0
3	64QAM	1	14	16.85	16.94	16.85		
3	64QAM	8	0	16.91	16.95	16.91		
3	64QAM	8	4	16.94	16.97	17.00	18	0
3	64QAM	8	7	16.86	16.94	16.94		
3	64QAM	15	0	16.97	16.93	16.87		
3	256QAM	1	0	17.07	17.01	17.01		
3	256QAM	1	8	17.00	17.04	17.08	18	0
3	256QAM	1	14	17.02	17.06	17.12		
3	256QAM	8	0	17.04	17.00	17.04		
3	256QAM	8	4	16.89	16.96	16.87	18	0
3	256QAM	8	7	16.92	16.98	17.06		
3	256QAM	15	0	16.98	16.91	16.91		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.02	17.07	17.05		
1.4	QPSK	1	3	16.97	17.01	16.86		
1.4	QPSK	1	5	16.98	16.98	16.87	18	0
1.4	QPSK	3	0	17.02	17.00	16.99		
1.4	QPSK	3	1	16.90	16.92	16.94		
1.4	QPSK	3	3	16.95	16.96	16.98		
1.4	QPSK	6	0	16.97	16.98	16.93	18	0
1.4	16QAM	1	0	16.90	16.89	16.94		
1.4	16QAM	1	3	16.84	16.88	16.87	18	0
1.4	16QAM	1	5	16.96	16.92	16.88		
1.4	16QAM	3	0	16.87	16.96	16.93		
1.4	16QAM	3	1	16.91	16.93	16.92		
1.4	16QAM	3	3	16.89	16.99	16.94		
1.4	16QAM	6	0	16.96	16.95	16.94	18	0
1.4	64QAM	1	0	16.88	16.90	16.91		
1.4	64QAM	1	3	17.00	17.02	16.95	18	0
1.4	64QAM	1	5	16.90	16.96	16.84		
1.4	64QAM	3	0	16.87	16.95	16.85		
1.4	64QAM	3	1	16.93	16.94	16.99		
1.4	64QAM	3	3	16.85	17.00	16.87		
1.4	64QAM	6	0	16.92	16.90	16.94	18	0
1.4	256QAM	1	0	17.07	17.07	16.95		
1.4	256QAM	1	3	16.99	17.02	17.06	18	0
1.4	256QAM	1	5	16.96	17.07	17.07		
1.4	256QAM	3	0	17.01	17.00	17.04		
1.4	256QAM	3	1	16.86	17.01	16.93		
1.4	256QAM	3	3	16.90	16.98	17.02		
1.4	256QAM	6	0	16.95	16.99	16.96	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.97	20.00	19.93	20.7	0
20	QPSK	1	49	19.92	19.96	19.80		
20	QPSK	1	99	19.82	19.85	19.83		
20	QPSK	50	0	19.95	19.98	19.92	20.7	0
20	QPSK	50	24	19.86	19.86	19.86		
20	QPSK	50	50	19.83	19.92	19.91		
20	QPSK	100	0	19.93	19.96	19.90		
20	16QAM	1	0	19.92	19.85	19.86	20.7	0
20	16QAM	1	49	19.80	19.85	19.89		
20	16QAM	1	99	19.89	19.85	19.90		
20	16QAM	50	0	19.80	19.89	19.82	20.7	0
20	16QAM	50	24	19.87	19.86	19.85		
20	16QAM	50	50	19.86	19.86	19.79		
20	16QAM	100	0	19.84	19.85	19.82		
20	64QAM	1	0	19.88	19.96	19.79	20.7	0
20	64QAM	1	49	19.83	19.91	19.82		
20	64QAM	1	99	19.83	19.94	19.86		
20	64QAM	50	0	19.90	19.88	19.91	20.7	0
20	64QAM	50	24	19.88	19.86	19.86		
20	64QAM	50	50	19.89	19.94	19.78		
20	64QAM	100	0	19.94	19.89	19.87		
20	256QAM	1	0	19.70	19.68	19.65	20.7	0
20	256QAM	1	49	19.60	19.58	19.57		
20	256QAM	1	99	19.49	19.52	19.44		
20	256QAM	50	0	19.87	19.82	19.76	20.7	0
20	256QAM	50	24	19.86	19.78	19.86		
20	256QAM	50	50	19.74	19.72	19.77		
20	256QAM	100	0	19.74	19.68	19.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.82	19.88	19.83	20.7	0
15	QPSK	1	37	19.88	19.86	19.78		
15	QPSK	1	74	19.69	19.81	19.68		
15	QPSK	36	0	19.91	19.86	19.82	20.7	0
15	QPSK	36	20	19.79	19.80	19.77		
15	QPSK	36	39	19.73	19.78	19.76		
15	QPSK	75	0	19.78	19.82	19.85		
15	16QAM	1	0	19.79	19.75	19.74	20.7	0
15	16QAM	1	37	19.77	19.83	19.85		
15	16QAM	1	74	19.85	19.75	19.79		
15	16QAM	36	0	19.75	19.81	19.73	20.7	0
15	16QAM	36	20	19.83	19.75	19.76		
15	16QAM	36	39	19.77	19.72	19.76		
15	16QAM	75	0	19.75	19.78	19.68		
15	64QAM	1	0	19.80	19.88	19.67	20.7	0
15	64QAM	1	37	19.80	19.82	19.78		
15	64QAM	1	74	19.76	19.92	19.82		
15	64QAM	36	0	19.77	19.77	19.77	20.7	0
15	64QAM	36	20	19.76	19.71	19.76		
15	64QAM	36	39	19.87	19.79	19.64		
15	64QAM	75	0	19.89	19.83	19.77		
15	256QAM	1	0	19.66	19.62	19.57	20.7	0
15	256QAM	1	37	19.54	19.55	19.54		
15	256QAM	1	74	19.54	19.48	19.49		
15	256QAM	36	0	19.95	19.86	19.82	20.7	0
15	256QAM	36	20	19.90	19.75	19.81		
15	256QAM	36	39	19.79	19.75	19.80		
15	256QAM	75	0	19.79	19.65	19.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.93	19.97	19.85	20.7	0
10	QPSK	1	25	19.89	19.90	19.67		
10	QPSK	1	49	19.77	19.83	19.73		
10	QPSK	25	0	19.88	19.91	19.91	20.7	0
10	QPSK	25	12	19.85	19.85	19.77		
10	QPSK	25	25	19.78	19.83	19.85		
10	QPSK	50	0	19.86	19.82	19.77		
10	16QAM	1	0	19.79	19.77	19.81	20.7	0
10	16QAM	1	25	19.68	19.79	19.80		
10	16QAM	1	49	19.76	19.78	19.78		
10	16QAM	25	0	19.76	19.84	19.76	20.7	0
10	16QAM	25	12	19.77	19.74	19.75		
10	16QAM	25	25	19.74	19.76	19.72		
10	16QAM	50	0	19.70	19.80	19.75		
10	64QAM	1	0	19.76	19.88	19.76	20.7	0
10	64QAM	1	25	19.73	19.82	19.71		
10	64QAM	1	49	19.71	19.86	19.82		
10	64QAM	25	0	19.87	19.87	19.84	20.7	0
10	64QAM	25	12	19.87	19.81	19.82		
10	64QAM	25	25	19.77	19.86	19.67		
10	64QAM	50	0	19.92	19.77	19.78		
10	256QAM	1	0	19.71	19.60	19.65	20.7	0
10	256QAM	1	25	19.56	19.54	19.62		
10	256QAM	1	49	19.49	19.51	19.40		
10	256QAM	25	0	19.80	19.85	19.69	20.7	0
10	256QAM	25	12	19.78	19.81	19.82		
10	256QAM	25	25	19.76	19.66	19.72		
10	256QAM	50	0	19.79	19.76	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.96	19.86	19.86	20.7	0
5	QPSK	1	12	19.84	19.86	19.69		
5	QPSK	1	24	19.67	19.84	19.80		
5	QPSK	12	0	19.91	19.96	19.82	20.7	0
5	QPSK	12	7	19.83	19.73	19.76		
5	QPSK	12	13	19.78	19.79	19.85		
5	QPSK	25	0	19.81	19.89	19.77		
5	16QAM	1	0	19.80	19.84	19.71	20.7	0
5	16QAM	1	12	19.78	19.73	19.87		
5	16QAM	1	24	19.85	19.75	19.82		
5	16QAM	12	0	19.66	19.78	19.75	20.7	0
5	16QAM	12	7	19.80	19.77	19.77		
5	16QAM	12	13	19.83	19.73	19.64		
5	16QAM	25	0	19.75	19.75	19.77		
5	64QAM	1	0	19.73	19.95	19.65	20.7	0
5	64QAM	1	12	19.80	19.79	19.80		
5	64QAM	1	24	19.74	19.88	19.83		
5	64QAM	12	0	19.75	19.73	19.98	20.7	0
5	64QAM	12	7	19.73	19.71	19.74		
5	64QAM	12	13	19.85	19.85	19.64		
5	64QAM	25	0	19.85	19.81	19.76		
5	256QAM	1	0	19.67	19.70	19.61	20.7	0
5	256QAM	1	12	19.66	19.62	19.51		
5	256QAM	1	24	19.54	19.59	19.41		
5	256QAM	12	0	19.87	19.79	19.75	20.7	0
5	256QAM	12	7	19.90	19.75	19.90		
5	256QAM	12	13	19.79	19.65	19.83		
5	256QAM	25	0	19.82	19.75	19.62		

Band 38_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.55	23.43	24.5	0
20	QPSK	1	49	23.50	23.53	23.33		
20	QPSK	1	99	23.50	23.52	23.39		
20	QPSK	50	0	22.54	22.56	22.45	23.5	1
20	QPSK	50	24	22.53	22.45	22.35		
20	QPSK	50	50	22.52	22.46	22.38		
20	QPSK	100	0	22.53	22.55	22.38		
20	16QAM	1	0	22.58	22.46	22.40	23.5	1
20	16QAM	1	49	22.59	22.45	22.32		
20	16QAM	1	99	22.57	22.46	22.38		
20	16QAM	50	0	21.54	21.45	21.36	22.5	2
20	16QAM	50	24	21.53	21.44	21.34		
20	16QAM	50	50	21.54	21.46	21.37		
20	16QAM	100	0	21.55	21.45	21.38		
20	64QAM	1	0	21.33	21.21	21.12	22.5	2
20	64QAM	1	49	21.34	21.25	21.09		
20	64QAM	1	99	21.25	21.17	21.13		
20	64QAM	50	0	20.52	20.44	20.35	21.5	3
20	64QAM	50	24	20.51	20.43	20.33		
20	64QAM	50	50	20.55	20.44	20.36		
20	64QAM	100	0	20.54	20.43	20.37		
20	256QAM	1	0	18.31	18.28	18.33	19.5	5
20	256QAM	1	49	18.14	18.14	18.09		
20	256QAM	1	99	18.04	18.06	18.01		
20	256QAM	50	0	18.36	18.41	18.42	19.5	5
20	256QAM	50	24	18.30	18.36	18.36		
20	256QAM	50	50	18.25	18.33	18.40		
20	256QAM	100	0	18.29	18.31	18.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.42	23.44	23.41	24.5	0
15	QPSK	1	37	23.41	23.47	23.23		
15	QPSK	1	74	23.44	23.47	23.31		
15	QPSK	36	0	22.43	22.51	22.35	23.5	1
15	QPSK	36	20	22.47	22.35	22.33		
15	QPSK	36	39	22.50	22.38	22.33		
15	QPSK	75	0	22.44	22.47	22.32		
15	16QAM	1	0	22.52	22.36	22.29	23.5	1
15	16QAM	1	37	22.51	22.35	22.25		
15	16QAM	1	74	22.50	22.41	22.33		
15	16QAM	36	0	21.43	21.34	21.29	22.5	2
15	16QAM	36	20	21.45	21.35	21.25		
15	16QAM	36	39	21.50	21.40	21.31		
15	16QAM	75	0	21.50	21.35	21.27		
15	64QAM	1	0	21.29	21.11	21.04	22.5	2
15	64QAM	1	37	21.31	21.15	20.98		
15	64QAM	1	74	21.17	21.15	21.05		
15	64QAM	36	0	20.47	20.33	20.30	21.5	3
15	64QAM	36	20	20.48	20.34	20.31		
15	64QAM	36	39	20.45	20.42	20.25		
15	64QAM	75	0	20.48	20.32	20.31		
15	256QAM	1	0	18.30	18.29	18.34	19.5	5
15	256QAM	1	37	18.17	18.21	18.15		
15	256QAM	1	74	18.09	18.07	18.00		
15	256QAM	36	0	18.43	18.33	18.49	19.5	5
15	256QAM	36	20	18.30	18.33	18.33		
15	256QAM	36	39	18.30	18.32	18.33		
15	256QAM	75	0	18.26	18.26	18.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.51	23.51	23.41	24.5	0
10	QPSK	1	25	23.41	23.48	23.25		
10	QPSK	1	49	23.41	23.45	23.35		
10	QPSK	25	0	22.52	22.45	22.43	23.5	1
10	QPSK	25	12	22.43	22.35	22.33		
10	QPSK	25	25	22.43	22.42	22.30		
10	QPSK	50	0	22.49	22.53	22.33		
10	16QAM	1	0	22.47	22.35	22.37	23.5	1
10	16QAM	1	25	22.55	22.34	22.30		
10	16QAM	1	49	22.51	22.40	22.27		
10	16QAM	25	0	21.49	21.42	21.25	22.5	2
10	16QAM	25	12	21.44	21.40	21.29		
10	16QAM	25	25	21.51	21.38	21.32		
10	16QAM	50	0	21.46	21.37	21.27		
10	64QAM	1	0	21.30	21.13	21.05	22.5	2
10	64QAM	1	25	21.26	21.19	21.04		
10	64QAM	1	49	21.15	21.11	21.04		
10	64QAM	25	0	20.47	20.35	20.33	21.5	3
10	64QAM	25	12	20.47	20.32	20.29		
10	64QAM	25	25	20.48	20.41	20.31		
10	64QAM	50	0	20.51	20.34	20.27		
10	256QAM	1	0	18.34	18.30	18.30	19.5	5
10	256QAM	1	25	18.07	18.08	18.14		
10	256QAM	1	49	18.07	18.05	18.09		
10	256QAM	25	0	18.39	18.33	18.42	19.5	5
10	256QAM	25	12	18.34	18.37	18.32		
10	256QAM	25	25	18.28	18.25	18.37		
10	256QAM	50	0	18.35	18.31	18.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.51	23.36	24.5	0
5	QPSK	1	12	23.42	23.44	23.28		
5	QPSK	1	24	23.46	23.45	23.31		
5	QPSK	12	0	22.49	22.46	22.34	23.5	1
5	QPSK	12	7	22.50	22.43	22.24		
5	QPSK	12	13	22.45	22.39	22.35		
5	QPSK	25	0	22.47	22.53	22.36		
5	16QAM	1	0	22.52	22.38	22.37	23.5	1
5	16QAM	1	12	22.52	22.38	22.27		
5	16QAM	1	24	22.47	22.41	22.32		
5	16QAM	12	0	21.51	21.35	21.28	22.5	2
5	16QAM	12	7	21.43	21.36	21.23		
5	16QAM	12	13	21.43	21.43	21.35		
5	16QAM	25	0	21.46	21.36	21.36		
5	64QAM	1	0	21.29	21.11	21.10	22.5	2
5	64QAM	1	12	21.31	21.16	21.02		
5	64QAM	1	24	21.21	21.08	21.05		
5	64QAM	12	0	20.46	20.34	20.33	21.5	3
5	64QAM	12	7	20.45	20.35	20.22		
5	64QAM	12	13	20.47	20.38	20.30		
5	64QAM	25	0	20.52	20.37	20.30		
5	256QAM	1	0	18.37	18.34	18.29	19.5	5
5	256QAM	1	12	18.11	18.07	18.12		
5	256QAM	1	24	17.98	18.02	17.98		
5	256QAM	12	0	18.32	18.34	18.34	19.5	5
5	256QAM	12	7	18.32	18.36	18.34		
5	256QAM	12	13	18.32	18.25	18.39		
5	256QAM	25	0	18.24	18.30	18.19		

Band 38_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.67	21.70	21.65	22.2	0
20	QPSK	1	49	21.53	21.57	21.59		
20	QPSK	1	99	21.62	21.63	21.53		
20	QPSK	50	0	21.65	21.67	21.62	22.2	0
20	QPSK	50	24	21.52	21.66	21.60		
20	QPSK	50	50	21.61	21.62	21.55		
20	QPSK	100	0	21.62	21.65	21.60		
20	16QAM	1	0	21.55	21.54	21.60	22.2	0
20	16QAM	1	49	21.62	21.64	21.48		
20	16QAM	1	99	21.62	21.55	21.55		
20	16QAM	50	0	21.54	21.63	21.49	22.2	0
20	16QAM	50	24	21.56	21.52	21.50		
20	16QAM	50	50	21.55	21.61	21.56		
20	16QAM	100	0	21.50	21.66	21.53		
20	64QAM	1	0	21.57	21.63	21.58	22.2	0
20	64QAM	1	49	21.53	21.55	21.60		
20	64QAM	1	99	21.61	21.56	21.60		
20	64QAM	50	0	21.58	21.52	21.58	22.2	0
20	64QAM	50	24	21.53	21.56	21.50		
20	64QAM	50	50	21.58	21.66	21.54		
20	64QAM	100	0	21.51	21.56	21.54		
20	256QAM	1	0	19.31	19.28	19.20	20.7	1.5
20	256QAM	1	49	19.24	19.25	19.29		
20	256QAM	1	99	19.19	19.25	19.27		
20	256QAM	50	0	19.59	19.51	19.43	20.7	1.5
20	256QAM	50	24	19.55	19.49	19.46		
20	256QAM	50	50	19.41	19.47	19.47		
20	256QAM	100	0	19.48	19.45	19.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.60	21.53	21.57	22.2	0
15	QPSK	1	37	21.52	21.57	21.53		
15	QPSK	1	74	21.51	21.57	21.59		
15	QPSK	36	0	21.58	21.63	21.47	22.2	0
15	QPSK	36	20	21.59	21.53	21.59		
15	QPSK	36	39	21.61	21.54	21.51		
15	QPSK	75	0	21.50	21.56	21.60		
15	16QAM	1	0	21.55	21.63	21.50	22.2	0
15	16QAM	1	37	21.53	21.65	21.53		
15	16QAM	1	74	21.64	21.52	21.59		
15	16QAM	36	0	21.59	21.57	21.49	22.2	0
15	16QAM	36	20	21.56	21.64	21.54		
15	16QAM	36	39	21.57	21.53	21.57		
15	16QAM	75	0	21.64	21.60	21.61		
15	64QAM	1	0	21.64	21.61	21.54	22.2	0
15	64QAM	1	37	21.62	21.54	21.57		
15	64QAM	1	74	21.55	21.55	21.55		
15	64QAM	36	0	21.56	21.56	21.50	22.2	0
15	64QAM	36	20	21.62	21.55	21.55		
15	64QAM	36	39	21.54	21.59	21.49		
15	64QAM	75	0	21.57	21.66	21.51		
15	256QAM	1	0	19.30	19.30	19.18	20.7	1.5
15	256QAM	1	37	19.22	19.23	19.24		
15	256QAM	1	74	19.17	19.22	19.20		
15	256QAM	36	0	19.66	19.47	19.49	20.7	1.5
15	256QAM	36	20	19.52	19.53	19.42		
15	256QAM	36	39	19.46	19.40	19.42		
15	256QAM	75	0	19.54	19.40	19.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.50	21.57	21.51	22.2	0
10	QPSK	1	25	21.53	21.56	21.59		
10	QPSK	1	49	21.53	21.58	21.61		
10	QPSK	25	0	21.59	21.55	21.53	22.2	0
10	QPSK	25	12	21.54	21.60	21.54		
10	QPSK	25	25	21.62	21.64	21.51		
10	QPSK	50	0	21.58	21.62	21.53		
10	16QAM	1	0	21.50	21.65	21.60	22.2	0
10	16QAM	1	25	21.62	21.65	21.56		
10	16QAM	1	49	21.55	21.64	21.51		
10	16QAM	25	0	21.60	21.66	21.57	22.2	0
10	16QAM	25	12	21.51	21.52	21.47		
10	16QAM	25	25	21.62	21.59	21.56		
10	16QAM	50	0	21.51	21.64	21.60		
10	64QAM	1	0	21.51	21.63	21.47	22.2	0
10	64QAM	1	25	21.60	21.60	21.55		
10	64QAM	1	49	21.56	21.54	21.61		
10	64QAM	25	0	21.51	21.64	21.48	22.2	0
10	64QAM	25	12	21.57	21.60	21.61		
10	64QAM	25	25	21.61	21.62	21.52		
10	64QAM	50	0	21.64	21.53	21.56		
10	256QAM	1	0	19.28	19.28	19.13	20.7	1.5
10	256QAM	1	25	19.31	19.28	19.25		
10	256QAM	1	49	19.12	19.28	19.21		
10	256QAM	25	0	19.53	19.45	19.43	20.7	1.5
10	256QAM	25	12	19.52	19.44	19.46		
10	256QAM	25	25	19.47	19.51	19.53		
10	256QAM	50	0	19.53	19.51	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.60	21.54	21.50	22.2	0
5	QPSK	1	12	21.59	21.59	21.54		
5	QPSK	1	24	21.51	21.52	21.57		
5	QPSK	12	0	21.52	21.54	21.48	22.2	0
5	QPSK	12	7	21.58	21.59	21.55		
5	QPSK	12	13	21.52	21.61	21.52		
5	QPSK	25	0	21.53	21.65	21.58		
5	16QAM	1	0	21.53	21.62	21.60	22.2	0
5	16QAM	1	12	21.59	21.54	21.56		
5	16QAM	1	24	21.61	21.54	21.61		
5	16QAM	12	0	21.60	21.53	21.61	22.2	0
5	16QAM	12	7	21.57	21.65	21.50		
5	16QAM	12	13	21.53	21.62	21.57		
5	16QAM	25	0	21.59	21.59	21.48		
5	64QAM	1	0	21.60	21.58	21.59	22.2	0
5	64QAM	1	12	21.58	21.52	21.51		
5	64QAM	1	24	21.62	21.54	21.59		
5	64QAM	12	0	21.52	21.54	21.61	22.2	0
5	64QAM	12	7	21.54	21.64	21.58		
5	64QAM	12	13	21.61	21.61	21.47		
5	64QAM	25	0	21.51	21.60	21.54		
5	256QAM	1	0	19.33	19.31	19.21	20.7	1.5
5	256QAM	1	12	19.17	19.28	19.29		
5	256QAM	1	24	19.24	19.25	19.32		
5	256QAM	12	0	19.54	19.53	19.50	20.7	1.5
5	256QAM	12	7	19.59	19.44	19.38		
5	256QAM	12	13	19.35	19.54	19.53		
5	256QAM	25	0	19.40	19.40	19.58		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.98	19.01	18.94		
20	QPSK	1	49	18.85	18.90	18.84	20	0
20	QPSK	1	99	18.81	18.96	18.79		
20	QPSK	50	0	18.96	19.00	18.92		
20	QPSK	50	24	18.91	18.87	18.90	20	0
20	QPSK	50	50	18.95	18.96	18.84		
20	QPSK	100	0	18.95	18.98	18.90		
20	16QAM	1	0	18.90	18.96	18.78		
20	16QAM	1	49	18.82	18.90	18.84	20	0
20	16QAM	1	99	18.94	18.92	18.77		
20	16QAM	50	0	18.81	18.87	18.88		
20	16QAM	50	24	18.89	18.97	18.88	20	0
20	16QAM	50	50	18.92	18.93	18.79		
20	16QAM	100	0	18.90	18.91	18.79		
20	64QAM	1	0	18.84	18.94	18.85		
20	64QAM	1	49	18.91	18.87	18.79	20	0
20	64QAM	1	99	18.91	18.96	18.90		
20	64QAM	50	0	18.85	18.95	18.89		
20	64QAM	50	24	18.86	18.92	18.78	20	0
20	64QAM	50	50	18.93	18.94	18.81		
20	64QAM	100	0	18.90	18.97	18.85		
20	256QAM	1	0	18.62	18.68	18.71		
20	256QAM	1	49	18.47	18.54	18.58	20	0
20	256QAM	1	99	18.54	18.51	18.58		
20	256QAM	50	0	18.86	18.79	18.84		
20	256QAM	50	24	18.70	18.71	18.71	20	0
20	256QAM	50	50	18.68	18.65	18.71		
20	256QAM	100	0	18.65	18.63	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.90	18.90	18.84		
15	QPSK	1	37	18.85	18.96	18.88	20	0
15	QPSK	1	74	18.82	18.85	18.80		
15	QPSK	36	0	18.88	18.90	18.91		
15	QPSK	36	20	18.93	18.89	18.88	20	0
15	QPSK	36	39	18.81	18.89	18.81		
15	QPSK	75	0	18.93	18.94	18.85		
15	16QAM	1	0	18.81	18.86	18.83		
15	16QAM	1	37	18.90	18.91	18.77	20	0
15	16QAM	1	74	18.92	18.85	18.88		
15	16QAM	36	0	18.81	18.94	18.81		
15	16QAM	36	20	18.94	18.91	18.79	20	0
15	16QAM	36	39	18.93	18.95	18.87		
15	16QAM	75	0	18.90	18.89	18.78		
15	64QAM	1	0	18.89	18.86	18.87		
15	64QAM	1	37	18.87	18.85	18.89	20	0
15	64QAM	1	74	18.92	18.95	18.85		
15	64QAM	36	0	18.92	18.90	18.83		
15	64QAM	36	20	18.93	18.88	18.78	20	0
15	64QAM	36	39	18.82	18.86	18.80		
15	64QAM	75	0	18.81	18.94	18.79		
15	256QAM	1	0	18.67	18.75	18.77		
15	256QAM	1	37	18.42	18.52	18.51	20	0
15	256QAM	1	74	18.47	18.50	18.58		
15	256QAM	36	0	18.81	18.71	18.77		
15	256QAM	36	20	18.73	18.64	18.73	20	0
15	256QAM	36	39	18.67	18.73	18.66		
15	256QAM	75	0	18.62	18.55	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.82	18.86	18.78		
10	QPSK	1	25	18.88	18.96	18.77	20	0
10	QPSK	1	49	18.92	18.94	18.87		
10	QPSK	25	0	18.93	18.94	18.89		
10	QPSK	25	12	18.91	18.90	18.77	20	0
10	QPSK	25	25	18.95	18.87	18.82		
10	QPSK	50	0	18.82	18.92	18.88		
10	16QAM	1	0	18.86	18.87	18.82		
10	16QAM	1	25	18.82	18.85	18.90	20	0
10	16QAM	1	49	18.88	18.91	18.87		
10	16QAM	25	0	18.90	18.97	18.86		
10	16QAM	25	12	18.89	18.95	18.88	20	0
10	16QAM	25	25	18.85	18.88	18.87		
10	16QAM	50	0	18.84	18.88	18.91		
10	64QAM	1	0	18.81	18.89	18.89		
10	64QAM	1	25	18.92	18.88	18.84	20	0
10	64QAM	1	49	18.90	18.93	18.77		
10	64QAM	25	0	18.89	18.99	18.85		
10	64QAM	25	12	18.94	18.88	18.89	20	0
10	64QAM	25	25	18.94	18.88	18.89		
10	64QAM	50	0	18.92	18.91	18.89		
10	256QAM	1	0	18.57	18.63	18.63		
10	256QAM	1	25	18.52	18.59	18.60	20	0
10	256QAM	1	49	18.53	18.59	18.53		
10	256QAM	25	0	18.78	18.75	18.90		
10	256QAM	25	12	18.71	18.74	18.78	20	0
10	256QAM	25	25	18.68	18.67	18.70		
10	256QAM	50	0	18.67	18.60	18.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.93	18.92	18.89		
5	QPSK	1	12	18.86	18.94	18.87	20	0
5	QPSK	1	24	18.87	18.94	18.91		
5	QPSK	12	0	18.92	18.89	18.78		
5	QPSK	12	7	18.81	18.98	18.83	20	0
5	QPSK	12	13	18.95	18.88	18.83		
5	QPSK	25	0	18.94	18.88	18.84		
5	16QAM	1	0	18.82	18.98	18.90		
5	16QAM	1	12	18.82	18.87	18.80	20	0
5	16QAM	1	24	18.94	18.94	18.89		
5	16QAM	12	0	18.87	18.85	18.85		
5	16QAM	12	7	18.81	18.94	18.78	20	0
5	16QAM	12	13	18.87	18.99	18.90		
5	16QAM	25	0	18.84	18.99	18.89		
5	64QAM	1	0	18.93	18.93	18.79		
5	64QAM	1	12	18.91	18.96	18.84	20	0
5	64QAM	1	24	18.95	18.97	18.88		
5	64QAM	12	0	18.84	18.94	18.86		
5	64QAM	12	7	18.83	18.92	18.91	20	0
5	64QAM	12	13	18.91	18.87	18.81		
5	64QAM	25	0	18.91	18.95	18.88		
5	256QAM	1	0	18.62	18.65	18.64		
5	256QAM	1	12	18.46	18.56	18.58	20	0
5	256QAM	1	24	18.52	18.45	18.50		
5	256QAM	12	0	18.93	18.72	18.84		
5	256QAM	12	7	18.78	18.70	18.67	20	0
5	256QAM	12	13	18.66	18.66	18.77		
5	256QAM	25	0	18.59	18.64	18.71		

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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	20.13	20.15	20.03	19.91	19.89		
20	QPSK	1	49	20.07	20.09	19.98	19.80	19.78	20.7	0
20	QPSK	1	99	19.98	20.08	19.93	19.80	19.76		
20	QPSK	50	0	20.11	20.13	20.02	19.90	19.88		
20	QPSK	50	24	19.97	20.01	19.96	19.86	19.85	20.7	0
20	QPSK	50	50	20.09	20.01	19.90	19.77	19.82		
20	QPSK	100	0	20.08	20.10	20.01	19.89	19.86		
20	16QAM	1	0	20.00	20.12	19.93	19.85	19.83		
20	16QAM	1	49	20.05	20.03	19.96	19.77	19.78	20.7	0
20	16QAM	1	99	20.05	20.08	19.93	19.82	19.78		
20	16QAM	50	0	20.06	20.08	19.93	19.76	19.79		
20	16QAM	50	24	20.04	20.03	19.96	19.81	19.83	20.7	0
20	16QAM	50	50	20.06	20.02	20.01	19.75	19.78		
20	16QAM	100	0	19.98	20.08	19.99	19.86	19.77		
20	64QAM	1	0	20.07	20.05	19.98	19.83	19.73		
20	64QAM	1	49	20.04	20.08	19.92	19.77	19.86	20.7	0
20	64QAM	1	99	20.08	20.09	19.90	19.84	19.73		
20	64QAM	50	0	19.96	20.12	19.92	19.84	19.76		
20	64QAM	50	24	20.09	19.99	19.95	19.76	19.78	20.7	0
20	64QAM	50	50	20.10	20.01	19.97	19.79	19.76		
20	64QAM	100	0	19.97	20.07	19.88	19.86	19.77		
20	256QAM	1	0	19.73	19.73	19.66	19.76	19.75		
20	256QAM	1	49	19.68	19.67	19.74	19.71	19.66	20.7	0
20	256QAM	1	99	19.56	19.56	19.56	19.56	19.53		
20	256QAM	50	0	19.94	19.92	20.00	19.92	19.96		
20	256QAM	50	24	19.87	19.88	19.94	19.90	19.86	20.7	0
20	256QAM	50	50	19.84	19.79	19.81	19.81	19.73		
20	256QAM	100	0	19.77	19.83	19.82	19.88	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	20.01	20.01	19.87	19.83	19.85		
15	QPSK	1	37	19.98	20.07	19.99	19.77	19.77	20.7	0
15	QPSK	1	74	20.00	20.01	20.00	19.86	19.83		
15	QPSK	36	0	20.10	20.10	19.96	19.81	19.83		
15	QPSK	36	20	20.03	20.00	19.97	19.84	19.73	20.7	0
15	QPSK	36	39	20.03	20.05	19.89	19.77	19.74		
15	QPSK	75	0	20.04	19.99	19.94	19.82	19.73		
15	16QAM	1	0	20.05	20.04	19.94	19.88	19.85		
15	16QAM	1	37	20.06	20.07	19.89	19.78	19.73	20.7	0
15	16QAM	1	74	20.01	19.98	19.92	19.77	19.73		
15	16QAM	36	0	20.10	20.00	19.94	19.89	19.81		
15	16QAM	36	20	20.05	20.09	19.95	19.80	19.85	20.7	0
15	16QAM	36	39	20.10	19.99	19.91	19.79	19.75		
15	16QAM	75	0	20.09	19.99	19.89	19.79	19.79		
15	64QAM	1	0	20.06	20.04	19.98	19.78	19.81		
15	64QAM	1	37	20.01	20.06	20.01	19.87	19.83	20.7	0
15	64QAM	1	74	20.05	20.03	19.92	19.89	19.79		
15	64QAM	36	0	20.00	20.02	19.99	19.81	19.74		
15	64QAM	36	20	19.97	20.09	19.89	19.75	19.76	20.7	0
15	64QAM	36	39	20.01	20.03	20.01	19.81	19.73		
15	64QAM	75	0	20.02	20.03	20.00	19.79	19.73		
15	256QAM	1	0	19.77	19.72	19.72	19.84	19.76		
15	256QAM	1	37	19.63	19.67	19.69	19.64	19.73	20.7	0
15	256QAM	1	74	19.49	19.50	19.60	19.59	19.54		
15	256QAM	36	0	19.91	19.99	20.00	19.91	20.02		
15	256QAM	36	20	19.83	20.00	19.92	19.98	19.93	20.7	0
15	256QAM	36	39	19.78	19.88	19.83	19.80	19.75		
15	256QAM	75	0	19.82	19.80	19.78	19.93	19.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.00	20.08	20.00	19.81	19.86		
10	QPSK	1	25	19.96	20.03	19.90	19.89	19.77	20.7	0
10	QPSK	1	49	20.00	20.00	19.98	19.77	19.83		
10	QPSK	25	0	20.03	20.05	20.00	19.77	19.75		
10	QPSK	25	12	19.96	19.99	19.95	19.81	19.87	20.7	0
10	QPSK	25	25	20.08	20.03	19.89	19.83	19.78		
10	QPSK	50	0	20.00	20.08	19.87	19.81	19.76		
10	16QAM	1	0	20.10	20.02	19.93	19.84	19.83		
10	16QAM	1	25	20.00	20.02	19.95	19.79	19.86	20.7	0
10	16QAM	1	49	20.00	20.03	19.93	19.85	19.83		
10	16QAM	25	0	20.07	19.99	19.88	19.87	19.74		
10	16QAM	25	12	20.03	20.09	19.88	19.85	19.86	20.7	0
10	16QAM	25	25	20.04	20.10	19.97	19.87	19.83		
10	16QAM	50	0	19.96	20.08	19.95	19.82	19.79		
10	64QAM	1	0	20.10	20.12	19.87	19.81	19.76		
10	64QAM	1	25	20.06	20.10	20.01	19.84	19.78	20.7	0
10	64QAM	1	49	20.01	20.09	19.94	19.87	19.86		
10	64QAM	25	0	19.99	20.08	19.94	19.86	19.83		
10	64QAM	25	12	20.00	20.10	19.98	19.82	19.75	20.7	0
10	64QAM	25	25	19.96	20.04	19.90	19.86	19.84		
10	64QAM	50	0	20.03	20.10	19.94	19.87	19.87		
10	256QAM	1	0	19.73	19.69	19.74	19.72	19.68		
10	256QAM	1	25	19.70	19.81	19.74	19.75	19.58	20.7	0
10	256QAM	1	49	19.62	19.55	19.48	19.51	19.50		
10	256QAM	25	0	19.96	20.00	19.84	19.97	19.89		
10	256QAM	25	12	19.79	19.87	19.92	19.82	19.87	20.7	0
10	256QAM	25	25	19.86	19.78	19.74	19.81	19.73		
10	256QAM	50	0	19.75	19.79	19.83	19.89	19.84		
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	19.96	20.04	19.89	19.78	19.74		
5	QPSK	1	12	19.96	20.06	19.94	19.80	19.75	20.7	0
5	QPSK	1	24	20.07	20.04	19.90	19.87	19.83		
5	QPSK	12	0	20.00	20.06	19.91	19.84	19.73		
5	QPSK	12	7	20.00	20.10	19.99	19.75	19.87	20.7	0
5	QPSK	12	13	20.02	20.07	19.98	19.78	19.79		
5	QPSK	25	0	20.08	20.11	19.90	19.84	19.87		
5	16QAM	1	0	20.07	20.00	19.89	19.82	19.86		
5	16QAM	1	12	20.02	20.09	20.01	19.85	19.81	20.7	0
5	16QAM	1	24	20.06	20.10	19.94	19.85	19.75		
5	16QAM	12	0	20.07	20.03	19.88	19.78	19.81		
5	16QAM	12	7	20.03	20.01	19.92	19.83	19.77	20.7	0
5	16QAM	12	13	19.97	20.04	19.92	19.80	19.86		
5	16QAM	25	0	20.08	20.01	19.91	19.83	19.86		
5	64QAM	1	0	20.05	20.01	19.99	19.76	19.84		
5	64QAM	1	12	20.04	20.11	19.92	19.79	19.85	20.7	0
5	64QAM	1	24	20.09	20.06	20.01	19.82	19.82		
5	64QAM	12	0	20.06	19.99	19.97	19.89	19.77		
5	64QAM	12	7	20.03	20.05	19.87	19.82	19.75	20.7	0
5	64QAM	12	13	19.96	20.06	19.90	19.75	19.80		
5	64QAM	25	0	20.03	20.09	20.00	19.77	19.78		
5	256QAM	1	0	19.80	19.64	19.70	19.81	19.74		
5	256QAM	1	12	19.64	19.73	19.66	19.74	19.69	20.7	0
5	256QAM	1	24	19.48	19.63	19.56	19.64	19.55		
5	256QAM	12	0	19.97	20.00	19.85	19.99	19.98		
5	256QAM	12	7	19.91	19.89	19.93	19.93	19.78	20.7	0
5	256QAM	12	13	19.81	19.84	19.76	19.83	19.76		
5	256QAM	25	0	19.79	19.86	19.91	19.88	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.85	23.98	23.57	23.33	23.10		
20	QPSK	1	49	23.80	23.96	23.53	23.28	23.02	25	0
20	QPSK	1	99	23.82	23.82	23.54	23.31	23.09		
20	QPSK	50	0	22.81	22.93	22.57	22.30	22.15		
20	QPSK	50	24	22.80	22.87	22.56	22.27	22.14	24	1
20	QPSK	50	50	22.78	22.91	22.52	22.28	22.10		
20	QPSK	100	0	22.82	22.91	22.53	22.26	22.16		
20	16QAM	1	0	22.78	22.95	22.59	22.26	22.09		
20	16QAM	1	49	22.85	22.92	22.59	22.34	22.12	24	1
20	16QAM	1	99	22.85	22.90	22.51	22.30	22.30		
20	16QAM	50	0	21.80	21.90	21.57	21.25	21.10		
20	16QAM	50	24	21.79	21.88	21.56	21.27	21.12	23	2
20	16QAM	50	50	21.85	21.92	21.54	21.27	21.21		
20	16QAM	100	0	21.80	21.90	21.51	21.27	21.16		
20	64QAM	1	0	21.54	21.64	21.33	21.00	21.08		
20	64QAM	1	49	21.53	21.64	21.33	21.08	21.05	23	2
20	64QAM	1	99	21.60	21.61	21.27	21.03	21.01		
20	64QAM	50	0	20.80	20.87	20.57	20.25	20.10		
20	64QAM	50	24	20.81	20.87	20.53	20.25	20.14	22	3
20	64QAM	50	50	20.84	20.92	20.51	20.27	20.22		
20	64QAM	100	0	20.82	20.89	20.51	20.26	20.17		
20	256QAM	1	0	18.51	18.52	18.05	18.06	18.05		
20	256QAM	1	49	18.44	18.47	18.03	18.03	18.03	20	5
20	256QAM	1	99	18.45	18.45	18.09	18.03	18.02		
20	256QAM	50	0	18.70	18.71	18.29	18.12	18.05		
20	256QAM	50	24	18.75	18.73	18.40	18.17	18.10	20	5
20	256QAM	50	50	18.78	18.75	18.38	18.22	18.09		
20	256QAM	100	0	18.64	18.68	18.24	18.07	18.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.91	23.78	23.48	23.29	23.06		
15	QPSK	1	37	23.88	23.71	23.45	23.17	23.05	25	0
15	QPSK	1	74	23.79	23.74	23.45	23.23	23.00		
15	QPSK	36	0	22.84	22.74	22.54	22.23	22.09		
15	QPSK	36	20	22.76	22.75	22.47	22.24	22.09	24	1
15	QPSK	36	39	22.84	22.74	22.41	22.22	22.00		
15	QPSK	75	0	22.82	22.75	22.44	22.15	22.08		
15	16QAM	1	0	22.86	22.75	22.51	22.21	22.00		
15	16QAM	1	37	22.88	22.83	22.57	22.28	22.09	24	1
15	16QAM	1	74	22.87	22.82	22.43	22.25	22.27		
15	16QAM	36	0	21.85	21.75	21.53	21.15	21.08		
15	16QAM	36	20	21.84	21.74	21.51	21.24	21.07	23	2
15	16QAM	36	39	21.90	21.80	21.46	21.16	21.16		
15	16QAM	75	0	21.84	21.70	21.43	21.23	21.06		
15	64QAM	1	0	21.55	21.46	21.28	21.05	21.03		
15	64QAM	1	37	21.59	21.51	21.28	21.01	21.05	23	2
15	64QAM	1	74	21.55	21.53	21.18	21.06	21.04		
15	64QAM	36	0	20.82	20.73	20.46	20.19	20.06		
15	64QAM	36	20	20.82	20.75	20.43	20.20	20.07	22	3
15	64QAM	36	39	20.84	20.75	20.43	20.23	20.13		
15	64QAM	75	0	20.84	20.72	20.45	20.16	20.12		
15	256QAM	1	0	18.47	18.56	18.06	18.02	18.05		
15	256QAM	1	37	18.45	18.41	18.00	18.05	18.04	20	5
15	256QAM	1	74	18.52	18.42	18.06	18.06	18.06		
15	256QAM	36	0	18.76	18.63	18.37	18.12	18.05		
15	256QAM	36	20	18.78	18.68	18.32	18.23	18.06	20	5
15	256QAM	36	39	18.81	18.79	18.31	18.25	18.04		
15	256QAM	75	0	18.71	18.59	18.24	18.06	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.92	23.82	23.54	23.30	23.04		
10	QPSK	1	25	23.92	23.76	23.44	23.19	23.05	25	0
10	QPSK	1	49	23.73	23.73	23.48	23.28	23.04		
10	QPSK	25	0	22.91	22.75	22.51	22.28	22.07		
10	QPSK	25	12	22.80	22.72	22.48	22.24	22.12	24	1
10	QPSK	25	25	22.87	22.74	22.43	22.24	22.08		
10	QPSK	50	0	22.81	22.75	22.50	22.23	22.05		
10	16QAM	1	0	22.92	22.68	22.50	22.23	22.01		
10	16QAM	1	25	22.84	22.82	22.48	22.28	22.09	24	1
10	16QAM	1	49	22.82	22.80	22.45	22.23	22.22		
10	16QAM	25	0	21.81	21.77	21.52	21.23	21.06		
10	16QAM	25	12	21.85	21.76	21.51	21.21	21.06	23	2
10	16QAM	25	25	21.83	21.81	21.45	21.25	21.18		
10	16QAM	50	0	21.79	21.71	21.42	21.22	21.12		
10	64QAM	1	0	21.62	21.49	21.22	21.06	21.03		
10	64QAM	1	25	21.58	21.42	21.26	21.04	21.02	23	2
10	64QAM	1	49	21.52	21.57	21.24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.61	21.78	21.76	21.58	21.73	22.2	0
20	QPSK	1	49	21.59	21.67	21.63	21.48	21.71		
20	QPSK	1	99	21.50	21.60	21.68	21.44	21.60		
20	QPSK	50	0	21.60	21.75	21.74	21.55	21.72	22.2	0
20	QPSK	50	24	21.45	21.65	21.66	21.46	21.70		
20	QPSK	50	50	21.59	21.64	21.67	21.42	21.71		
20	QPSK	100	0	21.58	21.73	21.72	21.53	21.71		
20	16QAM	1	0	21.55	21.71	21.63	21.40	21.64	22.2	0
20	16QAM	1	49	21.52	21.64	21.64	21.40	21.64		
20	16QAM	1	99	21.55	21.71	21.65	21.51	21.67		
20	16QAM	50	0	21.52	21.66	21.67	21.45	21.69	22.2	0
20	16QAM	50	24	21.58	21.63	21.62	21.50	21.69		
20	16QAM	50	50	21.53	21.61	21.68	21.42	21.70		
20	16QAM	100	0	21.50	21.62	21.70	21.54	21.71		
20	64QAM	1	0	21.56	21.67	21.65	21.51	21.65	22.2	0
20	64QAM	1	49	21.54	21.64	21.65	21.47	21.61		
20	64QAM	1	99	21.46	21.66	21.71	21.52	21.65		
20	64QAM	50	0	21.48	21.73	21.68	21.41	21.70	22.2	0
20	64QAM	50	24	21.52	21.63	21.67	21.49	21.64		
20	64QAM	50	50	21.46	21.71	21.61	21.50	21.63		
20	64QAM	100	0	21.53	21.73	21.73	21.47	21.69		
20	256QAM	1	0	19.15	19.30	19.14	19.17	19.08	20.7	1.5
20	256QAM	1	49	19.03	19.26	19.05	19.09	19.08		
20	256QAM	1	99	18.97	19.20	18.99	19.13	19.05		
20	256QAM	50	0	19.30	19.53	19.30	19.31	19.44	20.7	1.5
20	256QAM	50	24	19.26	19.48	19.30	19.28	19.26		
20	256QAM	50	50	19.33	19.46	19.30	19.30	19.24		
20	256QAM	100	0	19.33	19.43	19.27	19.27	19.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.57	21.71	21.67	21.49	21.67	22.2	0
15	QPSK	1	37	21.52	21.67	21.64	21.50	21.68		
15	QPSK	1	74	21.54	21.71	21.60	21.47	21.58		
15	QPSK	36	0	21.58	21.72	21.59	21.40	21.65	22.2	0
15	QPSK	36	20	21.50	21.66	21.73	21.42	21.66		
15	QPSK	36	39	21.59	21.64	21.71	21.46	21.59		
15	QPSK	75	0	21.51	21.65	21.59	21.40	21.57		
15	16QAM	1	0	21.53	21.66	21.63	21.51	21.70	22.2	0
15	16QAM	1	37	21.59	21.62	21.59	21.45	21.60		
15	16QAM	1	74	21.52	21.61	21.71	21.52	21.57		
15	16QAM	36	0	21.48	21.72	21.69	21.47	21.58	22.2	0
15	16QAM	36	20	21.59	21.60	21.67	21.42	21.61		
15	16QAM	36	39	21.59	21.70	21.66	21.40	21.65		
15	16QAM	75	0	21.59	21.64	21.59	21.50	21.66		
15	64QAM	1	0	21.51	21.70	21.67	21.53	21.61	22.2	0
15	64QAM	1	37	21.53	21.70	21.72	21.49	21.60		
15	64QAM	1	74	21.47	21.73	21.72	21.43	21.57		
15	64QAM	36	0	21.50	21.63	21.61	21.45	21.63	22.2	0
15	64QAM	36	20	21.51	21.64	21.68	21.42	21.71		
15	64QAM	36	39	21.53	21.70	21.59	21.41	21.59		
15	64QAM	75	0	21.46	21.64	21.65	21.41	21.66		
15	256QAM	1	0	19.15	19.37	19.12	19.24	19.05	20.7	1.5
15	256QAM	1	37	19.11	19.23	18.97	19.12	19.00		
15	256QAM	1	74	19.04	19.24	19.05	19.15	19.02		
15	256QAM	36	0	19.29	19.47	19.29	19.28	19.41	20.7	1.5
15	256QAM	36	20	19.22	19.52	19.26	19.22	19.30		
15	256QAM	36	39	19.27	19.41	19.36	19.23	19.24		
15	256QAM	75	0	19.33	19.47	19.26	19.19	19.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.49	21.67	21.60	21.47	21.65	22.2	0
10	QPSK	1	25	21.54	21.67	21.67	21.54	21.58		
10	QPSK	1	49	21.59	21.62	21.59	21.45	21.68		
10	QPSK	25	0	21.49	21.69	21.64	21.41	21.61	22.2	0
10	QPSK	25	12	21.59	21.64	21.59	21.48	21.59		
10	QPSK	25	25	21.50	21.69	21.72	21.40	21.62		
10	QPSK	50	0	21.58	21.67	21.60	21.51	21.71		
10	16QAM	1	0	21.50	21.73	21.63	21.41	21.70	22.2	0
10	16QAM	1	25	21.45	21.72	21.63	21.52	21.67		
10	16QAM	1	49	21.52	21.63	21.68	21.49	21.57		
10	16QAM	25	0	21.49	21.74	21.69	21.46	21.69	22.2	0
10	16QAM	25	12	21.53	21.64	21.61	21.41	21.63		
10	16QAM	25	25	21.48	21.68	21.73	21.50	21.67		
10	16QAM	50	0	21.52	21.67	21.72	21.54	21.58		
10	64QAM	1	0	21.56	21.73	21.61	21.43	21.62	22.2	0
10	64QAM	1	25	21.54	21.69	21.71	21.52	21.62		
10	64QAM	1	49	21.49	21.63	21.71	21.51	21.59		
10	64QAM	25	0	21.55	21.61	21.66	21.41	21.66	22.2	0
10	64QAM	25	12	21.59	21.70	21.67	21.53	21.71		
10	64QAM	25	25	21.52	21.63	21.62	21.50	21.64		
10	64QAM	50	0	21.52	21.72	21.63	21.42	21.64		
10	256QAM	1	0	19.12	19.29	19.07	19.12	19.06	20.7	1.5
10	256QAM	1	25	18.97	19.28	19.13	19.02	19.00		
10	256QAM	1	49	18.97	19.26	18.98	19.16	18.99		
10	256QAM	25	0	19.26	19.47	19.36	19.23	19.50	20.7	1.5
10	256QAM	25	12	19.24	19.51	19.38	19.35	19.32		
10	256QAM	25	25	19.31	19.48	19.35	19.29	19.26		
10	256QAM	50	0	19.33	19.47	19.25	19.24	19.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.53	21.60	21.65	21.46	21.64	22.2	0
5	QPSK	1	12	21.52	21.70	21.69	21.53	21.59		
5	QPSK	1	24	21.58	21.70	21.62	21.44	21.59		
5	QPSK	12	0	21.48	21.66	21.73	21.54	21.71	22.2	0
5	QPSK	12	7	21.52	21.71	21.68	21.52	21.67		
5	QPSK	12	13	21.47	21.64	21.66	21.45	21.58		
5	QPSK	25	0	21.57	21.60	21.66	21.54	21.58		
5	16QAM	1	0	21.50	21.64	21.60	21.44	21.63	22.2	0
5	16QAM	1	12	21.46	21.60	21.65	21.48	21.60		
5	16QAM	1	24	21.58	21.73	21.60	21.47	21.71		
5	16QAM	12	0	21.50	21.64	21.68	21.43	21.63	22.2	0
5	16QAM	12	7	21.56	21.72	21.60	21.49	21.68		
5	16QAM	12	13	21.47	21.73	21.72	21.41	21.69		
5	16QAM	25	0	21.59	21.73	21.64	21.41	21.60		
5	64QAM	1	0	21.55	21.63	21.62	21.51	21.66	22.2	0
5	64QAM	1	12	21.47	21.62	21.69	21.46	21.60		
5	64QAM	1	24	21.49	21.72	21.70	21.49	21.64		
5	64QAM	12	0	21.48	21.65	21.67	21.41	21.67	22.2	0
5	64QAM	12	7	21.53	21.72	21.67	21.48	21.59		
5	64QAM	12	13	21.55	21.66	21.59	21.52	21.61		
5	64QAM	25	0	21.56	21.70	21.63	21.52	21.63		
5	256QAM	1	0	19.23	19.33	19.22	19.15	19.10	20.7	1.5
5	256QAM	1	12	19.05	19.22	18.99	19.02	19.15		
5	256QAM	1	24	18.99	19.17	19.07	19.15	19.10		
5	256QAM	12	0	19.22	19.53	19.27	19.32	19.38	20.7	1.5
5	256QAM	12	7	19.28	19.47	19.29	19.31	19.22		
5	256QAM	12	13	19.28	19.53	19.27	19.23	19.23		
5	256QAM	25	0	19.37	19.44	19.19	19.24	19.35		

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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	19.30	19.33	19.20	19.15	19.10	20.5	0
20	QPSK	1	49	19.15	19.19	19.14	19.00	19.00		
20	QPSK	1	99	19.15	19.17	19.14	19.03	19.07		
20	QPSK	50	0	19.28	19.30	19.18	19.13	19.09	20.5	0
20	QPSK	50	24	19.24	19.21	19.12	19.05	19.04		
20	QPSK	50	50	19.13	19.25	19.16	19.09	19.03		
20	QPSK	100	0	19.26	19.28	19.17	19.12	19.08		
20	16QAM	1	0	19.23	19.16	19.14	19.10	19.03	20.5	0
20	16QAM	1	49	19.13	19.21	19.04	19.06	19.09		
20	16QAM	1	99	19.23	19.20	19.06	19.13	19.06		
20	16QAM	50	0	19.23	19.18	19.13	19.11	19.04	20.5	0
20	16QAM	50	24	19.13	19.16	19.16	19.11	19.01		
20	16QAM	50	50	19.26	19.18	19.11	19.06	19.01		
20	16QAM	100	0	19.20	19.26	19.09	19.08	19.08		
20	64QAM	1	0	19.26	19.15	19.04	19.06	19.01	20.5	0
20	64QAM	1	49	19.18	19.15	19.14	19.05	19.06		
20	64QAM	1	99	19.16	19.19	19.13	19.08	19.05		
20	64QAM	50	0	19.19	19.24	19.04	19.06	19.05	20.5	0
20	64QAM	50	24	19.27	19.26	19.09	19.04	19.02		
20	64QAM	50	50	19.17	19.28	19.06	19.05	19.02		
20	64QAM	100	0	19.24	19.20	19.06	19.03	19.07		
20	256QAM	1	0	18.72	18.78	18.80	18.79	18.74	20.5	0
20	256QAM	1	49	18.77	18.72	18.79	18.75	18.79		
20	256QAM	1	99	18.68	18.75	18.82	18.71	18.75		
20	256QAM	50	0	18.98	18.93	18.90	18.90	18.98	20.5	0
20	256QAM	50	24	18.90	18.98	18.93	18.95	18.93		
20	256QAM	50	50	19.10	19.02	19.04	19.10	18.98		
20	256QAM	100	0	18.96	18.98	18.94	19.05	18.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.25	19.30	19.17	19.06	19.01	20.5	0
15	QPSK	1	37	19.26	19.26	19.09	19.07	19.02		
15	QPSK	1	74	19.24	19.24	19.17	19.08	19.09		
15	QPSK	36	0	19.18	19.32	19.17	19.09	19.09	20.5	0
15	QPSK	36	20	19.19	19.27	19.09	19.14	19.03		
15	QPSK	36	39	19.26	19.28	19.07	19.12	19.05		
15	QPSK	75	0	19.26	19.23	19.14	19.14	19.01		
15	16QAM	1	0	19.19	19.31	19.16	19.01	19.02	20.5	0
15	16QAM	1	37	19.26	19.28	19.13	19.02	19.03		
15	16QAM	1	74	19.18	19.22	19.08	19.05	19.07		
15	16QAM	36	0	19.24	19.21	19.18	19.11	19.02	20.5	0
15	16QAM	36	20	19.23	19.22	19.13	19.12	19.03		
15	16QAM	36	39	19.21	19.28	19.11	19.07	19.00		
15	16QAM	75	0	19.28	19.23	19.06	19.13	19.00		
15	64QAM	1	0	19.19	19.21	19.17	19.01	19.07	20.5	0
15	64QAM	1	37	19.19	19.32	19.15	19.01	19.00		
15	64QAM	1	74	19.27	19.23	19.14	19.00	19.02		
15	64QAM	36	0	19.19	19.32	19.15	19.04	19.05	20.5	0
15	64QAM	36	20	19.27	19.27	19.15	19.01	19.05		
15	64QAM	36	39	19.16	19.25	19.10	19.00	19.04		
15	64QAM	75	0	19.18	19.20	19.13	19.03	19.02		
15	256QAM	1	0	18.86	18.69	18.74	18.75	18.67	20.5	0
15	256QAM	1	37	18.76	18.77	18.75	18.74	18.72		
15	256QAM	1	74	18.71	18.69	18.90	18.79	18.73		
15	256QAM	36	0	19.01	19.00	18.89	18.98	19.01	20.5	0
15	256QAM	36	20	18.91	18.91	19.00	18.96	18.87		
15	256QAM	36	39	18.97	19.02	19.05	19.12	18.92		
15	256QAM	75	0	18.92	18.95	18.96	18.97	19.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.21	19.25	19.13	19.02	19.07	20.5	0
10	QPSK	1	25	19.27	19.29	19.18	19.14	19.01		
10	QPSK	1	49	19.21	19.28	19.06	19.00	19.07		
10	QPSK	25	0	19.18	19.23	19.14	19.13	19.02	20.5	0
10	QPSK	25	12	19.16	19.21	19.16	19.09	19.00		
10	QPSK	25	25	19.27	19.24	19.18	19.08	19.02		
10	QPSK	50	0	19.25	19.31	19.06	19.09	19.02		
10	16QAM	1	0	19.27	19.32	19.13	19.08	19.03	20.5	0
10	16QAM	1	25	19.19	19.29	19.05	19.05	19.04		
10	16QAM	1	49	19.19	19.21	19.18	19.13	19.09		
10	16QAM	25	0	19.29	19.28	19.16	19.07	19.03	20.5	0
10	16QAM	25	12	19.26	19.32	19.12	19.06	19.04		
10	16QAM	25	25	19.18	19.24	19.07	19.00	19.01		
10	16QAM	50	0	19.27	19.23	19.11	19.13	19.07		
10	64QAM	1	0	19.17	19.27	19.19	19.06	19.03	20.5	0
10	64QAM	1	25	19.23	19.21	19.13	19.02	19.06		
10	64QAM	1	49	19.20	19.30	19.18	19.08	19.05		
10	64QAM	25	0	19.24	19.28	19.09	19.01	19.04	20.5	0
10	64QAM	25	12	19.19	19.18	19.11	19.12	19.05		
10	64QAM	25	25	19.24	19.28	19.17	19.01	19.02		
10	64QAM	50	0	19.19	19.32	19.14	19.12	19.02		
10	256QAM	1	0	18.82	18.67	18.74	18.78	18.77	20.5	0
10	256QAM	1	25	18.72	18.78	18.76	18.70	18.78		
10	256QAM	1	49	18.82	18.76	18.87	18.76	18.78		
10	256QAM	25	0	18.92	19.06	18.95	18.95	18.98	20.5	0
10	256QAM	25	12	18.96	18.87	18.98	18.95	19.00		
10	256QAM	25	25	18.96	19.15	19.04	19.06	18.98		
10	256QAM	50	0	18.91	18.98	18.95	19.09	18.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.19	19.27	19.09	19.07	19.05	20.5	0
5	QPSK	1	12	19.27	19.18	19.09	19.03	19.03		
5	QPSK	1	24	19.23	19.27	19.08	19.00	19.02		
5	QPSK	12	0	19.19	19.27	19.16	19.03	19.02	20.5	0
5	QPSK	12	7	19.19	19.31	19.05	19.10	19.00		
5	QPSK	12	13	19.15	19.19	19.10	19.00	19.06		
5	QPSK	25	0	19.26	19.23	19.05	19.01	19.03		
5	16QAM	1	0	19.16	19.27	19.09	19.05	19.09	20.5	0
5	16QAM	1	12	19.29	19.29	19.11	19.10	19.03		
5	16QAM	1	24	19.23	19.27	19.10	19.10	19.05		
5	16QAM	12	0	19.16	19.23	19.14	19.06	19.01	20.5	0
5	16QAM	12	7	19.20	19.18	19.11	19.02	19.09		
5	16QAM	12	13	19.15	19.31	19.13	19.11	19.07		
5	16QAM	25	0	19.20	19.18	19.15	19.06	19.04		
5	64QAM	1	0	19.26	19.24	19.19	19.03	19.00	20.5	0
5	64QAM	1	12	19.19	19.22	19.17	19.11	19.04		
5	64QAM	1	24	19.15	19.28	19.11	19.07	19.02		
5	64QAM	12	0	19.25	19.24	19.15	19.06	19.02	20.5	0
5	64QAM	12	7	19.20	19.28	19.13	19.14	19.01		
5	64QAM	12	13	19.18	19.25	19.08	19.06	19.03		
5	64QAM	25	0	19.24	19.30	19.06	19.07	19.04		
5	256QAM	1	0	18.78	18.75	18.83	18.74	18.80	20.5	0
5	256QAM	1	12	18.64	18.77	18.73	18.77	18.79		
5	256QAM	1	24	18.79	18.74	18.83	18.66	18.69		
5	256QAM	12	0	18.97	18.98	18.88	18.95	18.95	20.5	0
5	256QAM	12	7	19.06	18.89	18.96	19.01	18.94		
5	256QAM	12	13	19.01	19.09	19.07	19.04	19.04		
5	256QAM	25	0	18.91	18.94	18.91	18.99	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.08	18.10	18.07	18.7	0
20	QPSK	1	49	17.99	17.94	18.01		
20	QPSK	1	99	17.94	18.04	17.90		
20	QPSK	50	0	18.05	18.08	18.03	18.7	0
20	QPSK	50	24	17.90	17.98	17.90		
20	QPSK	50	50	17.98	18.00	17.94		
20	QPSK	100	0	18.03	18.05	18.01		
20	16QAM	1	0	18.04	17.97	17.97	18.7	0
20	16QAM	1	49	17.97	17.98	17.95		
20	16QAM	1	99	18.04	17.94	17.98		
20	16QAM	50	0	18.03	18.06	17.88	18.7	0
20	16QAM	50	24	17.94	17.95	17.89		
20	16QAM	50	50	17.94	17.95	17.92		
20	16QAM	100	0	17.91	18.06	17.97		
20	64QAM	1	0	17.91	17.96	17.90	18.7	0
20	64QAM	1	49	18.00	18.05	17.98		
20	64QAM	1	99	17.91	18.04	17.90		
20	64QAM	50	0	17.93	18.06	17.92	18.7	0
20	64QAM	50	24	17.92	18.07	18.00		
20	64QAM	50	50	17.93	18.00	17.88		
20	64QAM	100	0	18.04	18.06	18.02		
20	256QAM	1	0	17.99	17.93	18.00	18.7	0
20	256QAM	1	49	17.94	18.07	17.99		
20	256QAM	1	99	18.03	17.97	17.95		
20	256QAM	50	0	18.01	17.98	17.95	18.7	0
20	256QAM	50	24	18.03	18.03	17.94		
20	256QAM	50	50	18.04	18.04	17.95		
20	256QAM	100	0	17.98	17.93	17.95		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.94	18.07	17.94	18.7	0
15	QPSK	1	37	17.93	18.00	17.97		
15	QPSK	1	74	17.97	17.94	17.90		
15	QPSK	36	0	17.95	17.96	17.99	18.7	0
15	QPSK	36	20	18.04	18.01	17.91		
15	QPSK	36	39	17.92	18.01	17.95		
15	QPSK	75	0	18.02	17.94	17.96		
15	16QAM	1	0	17.95	18.01	17.92	18.7	0
15	16QAM	1	37	18.00	18.00	17.92		
15	16QAM	1	74	17.99	18.06	17.92		
15	16QAM	36	0	17.97	18.07	17.95	18.7	0
15	16QAM	36	20	17.90	17.98	17.91		
15	16QAM	36	39	17.99	17.94	18.01		
15	16QAM	75	0	17.91	17.99	17.95		
15	64QAM	1	0	17.95	18.07	17.89	18.7	0
15	64QAM	1	37	17.94	18.03	18.00		
15	64QAM	1	74	18.00	17.98	17.89		
15	64QAM	36	0	18.00	18.02	17.94	18.7	0
15	64QAM	36	20	17.99	17.95	17.95		
15	64QAM	36	39	18.00	18.06	17.93		
15	64QAM	75	0	17.98	18.02	17.88		
15	256QAM	1	0	17.95	18.02	17.98	18.7	0
15	256QAM	1	37	17.94	18.05	18.02		
15	256QAM	1	74	18.04	17.93	17.99		
15	256QAM	36	0	17.99	18.07	17.95	18.7	0
15	256QAM	36	20	17.91	17.93	17.97		
15	256QAM	36	39	18.03	17.93	17.93		
15	256QAM	75	0	17.92	17.96	17.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.90	18.05	17.97	18.7	0
10	QPSK	1	25	17.99	18.06	17.90		
10	QPSK	1	49	18.02	17.93	17.94		
10	QPSK	25	0	18.02	17.98	17.96	18.7	0
10	QPSK	25	12	18.04	17.97	17.94		
10	QPSK	25	25	17.92	17.94	17.89		
10	QPSK	50	0	17.94	17.97	17.92		
10	16QAM	1	0	18.02	18.03	17.90	18.7	0
10	16QAM	1	25	17.99	17.95	17.97		
10	16QAM	1	49	17.97	17.94	17.89		
10	16QAM	25	0	17.99	18.00	17.96	18.7	0
10	16QAM	25	12	18.03	18.07	17.90		
10	16QAM	25	25	17.95	18.02	17.94		
10	16QAM	50	0	17.93	17.94	17.91		
10	64QAM	1	0	18.04	18.04	17.91	18.7	0
10	64QAM	1	25	18.04	18.04	18.00		
10	64QAM	1	49	18.02	17.93	17.94		
10	64QAM	25	0	17.90	18.01	17.99	18.7	0
10	64QAM	25	12	17.98	18.07	17.91		
10	64QAM	25	25	18.04	18.05	17.96		
10	64QAM	50	0	18.02	18.06	17.92		
10	256QAM	1	0	17.94	18.01	17.90	18.7	0
10	256QAM	1	25	18.01	17.95	18.01		
10	256QAM	1	49	17.98	17.95	17.99		
10	256QAM	25	0	17.91	17.97	17.92	18.7	0
10	256QAM	25	12	18.01	18.01	18.00		
10	256QAM	25	25	17.92	18.05	17.91		
10	256QAM	50	0	17.90	18.06	17.89		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.96	17.96	18.01	18.7	0
5	QPSK	1	12	18.04	17.98	17.88		
5	QPSK	1	24	18.02	17.95	17.93		
5	QPSK	12	0	18.00	18.01	17.92	18.7	0
5	QPSK	12	7	17.99	18.05	17.93		
5	QPSK	12	13	17.97	17.98	17.89		
5	QPSK	25	0	17.91	18.06	17.95		
5	16QAM	1	0	17.96	17.97	18.01	18.7	0
5	16QAM	1	12	18.02	18.04	17.89		
5	16QAM	1	24	18.01	18.01	17.99		
5	16QAM	12	0	17.97	17.98	17.97	18.7	0
5	16QAM	12	7	17.98	17.97	17.92		
5	16QAM	12	13	17.94	18.01	17.98		
5	16QAM	25	0	17.99	17.99	17.88		
5	64QAM	1	0	18.00	18.07	17.99	18.7	0
5	64QAM	1	12	17.98	18.05	17.98		
5	64QAM	1	24	18.02	17.97	17.94		
5	64QAM	12	0	18.04	17.95	17.91	18.7	0
5	64QAM	12	7	17.97	18.01	17.94		
5	64QAM	12	13	18.02	18.06	17.96		
5	64QAM	25	0	17.98	18.07	17.94		
5	256QAM	1	0	18.02	18.07	18.01	18.7	0
5	256QAM	1	12	17.93	17.99	18.02		
5	256QAM	1	24	17.98	17.94	17.98		
5	256QAM	12	0	17.95	18.05	17.91	18.7	0
5	256QAM	12	7	17.92	17.94	17.89		
5	256QAM	12	13	17.98	18.07	18.02		
5	256QAM	25	0	17.90	18.02	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.38	19.40	19.18		
20	QPSK	1	49	19.22	19.28	19.12	21	0
20	QPSK	1	99	19.32	19.26	19.10		
20	QPSK	50	0	19.37	19.38	19.16		
20	QPSK	50	24	19.28	19.28	19.14	21	0
20	QPSK	50	50	19.33	19.32	19.10		
20	QPSK	100	0	19.35	19.36	19.15		
20	16QAM	1	0	19.30	19.36	19.03		
20	16QAM	1	49	19.22	19.32	19.05	21	0
20	16QAM	1	99	19.31	19.33	19.06		
20	16QAM	50	0	19.22	19.27	19.08		
20	16QAM	50	24	19.35	19.32	19.15	21	0
20	16QAM	50	50	19.26	19.37	19.07		
20	16QAM	100	0	19.23	19.37	19.09		
20	64QAM	1	0	19.35	19.34	19.01		
20	64QAM	1	49	19.25	19.37	19.13	21	0
20	64QAM	1	99	19.27	19.27	19.11		
20	64QAM	50	0	19.26	19.26	19.06		
20	64QAM	50	24	19.25	19.30	19.13	21	0
20	64QAM	50	50	19.25	19.33	19.12		
20	64QAM	100	0	19.28	19.30	19.15		
20	256QAM	1	0	17.12	17.18	17.17		
20	256QAM	1	49	17.14	17.13	17.06	19	2
20	256QAM	1	99	17.18	17.12	17.04		
20	256QAM	50	0	17.44	17.38	17.44		
20	256QAM	50	24	17.32	17.36	17.29	19	2
20	256QAM	50	50	17.30	17.32	17.33		
20	256QAM	100	0	17.25	17.30	17.32		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.29	19.31	19.06		
15	QPSK	1	37	19.30	19.29	19.06	21	0
15	QPSK	1	74	19.26	19.27	19.15		
15	QPSK	36	0	19.29	19.29	19.05		
15	QPSK	36	20	19.30	19.36	19.06	21	0
15	QPSK	36	39	19.36	19.31	19.05		
15	QPSK	75	0	19.32	19.37	19.05		
15	16QAM	1	0	19.31	19.32	19.06		
15	16QAM	1	37	19.30	19.37	19.01	21	0
15	16QAM	1	74	19.24	19.32	19.06		
15	16QAM	36	0	19.22	19.34	19.10		
15	16QAM	36	20	19.35	19.27	19.01	21	0
15	16QAM	36	39	19.32	19.29	19.11		
15	16QAM	75	0	19.23	19.28	19.11		
15	64QAM	1	0	19.25	19.32	19.05		
15	64QAM	1	37	19.26	19.37	19.12	21	0
15	64QAM	1	74	19.23	19.32	19.08		
15	64QAM	36	0	19.25	19.25	19.15		
15	64QAM	36	20	19.36	19.31	19.04	21	0
15	64QAM	36	39	19.24	19.27	19.04		
15	64QAM	75	0	19.36	19.35	19.07		
15	256QAM	1	0	17.19	17.13	17.25		
15	256QAM	1	37	17.11	17.17	17.13	19	2
15	256QAM	1	74	17.15	17.14	17.05		
15	256QAM	36	0	17.51	17.46	17.51		
15	256QAM	36	20	17.25	17.40	17.26	19	2
15	256QAM	36	39	17.26	17.28	17.33		
15	256QAM	75	0	17.21	17.32	17.24		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.36	19.27	19.01		
10	QPSK	1	25	19.25	19.28	19.03	21	0
10	QPSK	1	49	19.35	19.23	19.12		
10	QPSK	25	0	19.30	19.24	19.15		
10	QPSK	25	12	19.27	19.34	19.09	21	0
10	QPSK	25	25	19.33	19.27	19.06		
10	QPSK	50	0	19.25	19.31	19.08		
10	16QAM	1	0	19.32	19.29	19.08		
10	16QAM	1	25	19.24	19.26	19.12	21	0
10	16QAM	1	49	19.28	19.35	19.02		
10	16QAM	25	0	19.22	19.26	19.08		
10	16QAM	25	12	19.33	19.28	19.09	21	0
10	16QAM	25	25	19.28	19.36	19.03		
10	16QAM	50	0	19.30	19.30	19.12		
10	64QAM	1	0	19.33	19.32	19.13		
10	64QAM	1	25	19.25	19.32	19.12	21	0
10	64QAM	1	49	19.23	19.28	19.04		
10	64QAM	25	0	19.33	19.31	19.05		
10	64QAM	25	12	19.26	19.36	19.13	21	0
10	64QAM	25	25	19.35	19.37	19.07		
10	64QAM	50	0	19.22	19.27	19.02		
10	256QAM	1	0	17.09	17.23	17.22		
10	256QAM	1	25	17.22	17.08	17.01	19	2
10	256QAM	1	49	17.21	17.20	17.08		
10	256QAM	25	0	17.37	17.46	17.44		
10	256QAM	25	12	17.34	17.29	17.21	19	2
10	256QAM	25	25	17.37	17.25	17.36		
10	256QAM	50	0	17.31	17.37	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.28	19.23	19.02		
5	QPSK	1	12	19.22	19.33	19.15	21	0
5	QPSK	1	24	19.25	19.27	19.07		
5	QPSK	12	0	19.29	19.32	19.01		
5	QPSK	12	7	19.23	19.34	19.06	21	0
5	QPSK	12	13	19.29	19.28	19.02		
5	QPSK	25	0	19.27	19.28	19.15		
5	16QAM	1	0	19.32	19.31	19.11		
5	16QAM	1	12	19.29	19.30	19.14	21	0
5	16QAM	1	24	19.30	19.27	19.07		
5	16QAM	12	0	19.29	19.30	19.13		
5	16QAM	12	7	19.30	19.34	19.01	21	0
5	16QAM	12	13	19.26	19.23	19.02		
5	16QAM	25	0	19.24	19.33	19.12		
5	64QAM	1	0	19.34	19.27	19.11		
5	64QAM	1	12	19.30	19.29	19.06	21	0
5	64QAM	1	24	19.25	19.36	19.08		
5	64QAM	12	0	19.27	19.24	19.06		
5	64QAM	12	7	19.25	19.36	19.04	21	0
5	64QAM	12	13	19.30	19.35	19.14		
5	64QAM	25	0	19.26	19.25	19.13		
5	256QAM	1	0	17.07	17.25	17.16		
5	256QAM	1	12	17.09	17.20	17.13	19	2
5	256QAM	1	24	17.21	17.14	17.11		
5	256QAM	12	0	17.45	17.39	17.50		
5	256QAM	12	7	17.37	17.29	17.26	19	2
5	256QAM	12	13	17.23	17.32	17.40		
5	256QAM	25	0	17.31	17.26	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.31	17.40	17.29		
20	QPSK	1	49	17.17	17.27	17.14	18.5	0
20	QPSK	1	99	17.27	17.24	17.23		
20	QPSK	50	0	17.30	17.38	17.25		
20	QPSK	50	24	17.21	17.31	17.17	18.5	0
20	QPSK	50	50	17.16	17.26	17.10		
20	QPSK	100	0	17.28	17.36	17.24		
20	16QAM	1	0	17.24	17.30	17.16		
20	16QAM	1	49	17.29	17.35	17.10	18.5	0
20	16QAM	1	99	17.22	17.37	17.12		
20	16QAM	50	0	17.25	17.25	17.19		
20	16QAM	50	24	17.19	17.31	17.15	18.5	0
20	16QAM	50	50	17.27	17.36	17.14		
20	16QAM	100	0	17.22	17.23	17.13		
20	64QAM	1	0	17.16	17.24	17.23		
20	64QAM	1	49	17.15	17.30	17.10	18.5	0
20	64QAM	1	99	17.16	17.23	17.19		
20	64QAM	50	0	17.20	17.34	17.20		
20	64QAM	50	24	17.29	17.24	17.21	18.5	0
20	64QAM	50	50	17.24	17.30	17.13		
20	64QAM	100	0	17.29	17.29	17.20		
20	256QAM	1	0	17.29	17.34	17.19		
20	256QAM	1	49	17.18	17.26	17.11	18.5	0
20	256QAM	1	99	17.29	17.25	17.11		
20	256QAM	50	0	17.20	17.32	17.16		
20	256QAM	50	24	17.16	17.37	17.13	18.5	0
20	256QAM	50	50	17.29	17.35	17.23		
20	256QAM	100	0	17.19	17.24	17.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.23	17.28	17.22		
15	QPSK	1	37	17.21	17.32	17.12	18.5	0
15	QPSK	1	74	17.19	17.27	17.23		
15	QPSK	36	0	17.26	17.33	17.11		
15	QPSK	36	20	17.28	17.37	17.12	18.5	0
15	QPSK	36	39	17.27	17.25	17.13		
15	QPSK	75	0	17.25	17.23	17.23		
15	16QAM	1	0	17.25	17.31	17.23		
15	16QAM	1	37	17.15	17.35	17.19	18.5	0
15	16QAM	1	74	17.22	17.24	17.18		
15	16QAM	36	0	17.18	17.27	17.19		
15	16QAM	36	20	17.27	17.36	17.10	18.5	0
15	16QAM	36	39	17.26	17.29	17.11		
15	16QAM	75	0	17.19	17.23	17.19		
15	64QAM	1	0	17.20	17.34	17.10		
15	64QAM	1	37	17.17	17.24	17.21	18.5	0
15	64QAM	1	74	17.19	17.33	17.10		
15	64QAM	36	0	17.23	17.27	17.24		
15	64QAM	36	20	17.25	17.33	17.22	18.5	0
15	64QAM	36	39	17.19	17.28	17.18		
15	64QAM	75	0	17.22	17.25	17.18		
15	256QAM	1	0	17.26	17.31	17.23		
15	256QAM	1	37	17.16	17.37	17.20	18.5	0
15	256QAM	1	74	17.24	17.25	17.20		
15	256QAM	36	0	17.19	17.27	17.21		
15	256QAM	36	20	17.15	17.31	17.20	18.5	0
15	256QAM	36	39	17.22	17.27	17.14		
15	256QAM	75	0	17.18	17.33	17.13		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.19	17.26	17.10		
10	QPSK	1	25	17.23	17.30	17.20	18.5	0
10	QPSK	1	49	17.24	17.31	17.17		
10	QPSK	25	0	17.28	17.33	17.20		
10	QPSK	25	12	17.26	17.36	17.12	18.5	0
10	QPSK	25	25	17.18	17.28	17.22		
10	QPSK	50	0	17.20	17.27	17.19		
10	16QAM	1	0	17.15	17.30	17.12		
10	16QAM	1	25	17.16	17.27	17.22	18.5	0
10	16QAM	1	49	17.24	17.37	17.12		
10	16QAM	25	0	17.28	17.34	17.17		
10	16QAM	25	12	17.25	17.24	17.17	18.5	0
10	16QAM	25	25	17.27	17.32	17.22		
10	16QAM	50	0	17.20	17.24	17.22		
10	64QAM	1	0	17.19	17.36	17.10		
10	64QAM	1	25	17.23	17.34	17.15	18.5	0
10	64QAM	1	49	17.25	17.35	17.10		
10	64QAM	25	0	17.24	17.25	17.22		
10	64QAM	25	12	17.19	17.28	17.10	18.5	0
10	64QAM	25	25	17.19	17.24	17.13		
10	64QAM	50	0	17.15	17.24	17.11		
10	256QAM	1	0	17.23	17.26	17.11		
10	256QAM	1	25	17.22	17.26	17.16	18.5	0
10	256QAM	1	49	17.21	17.25	17.15		
10	256QAM	25	0	17.27	17.34	17.18		
10	256QAM	25	12	17.22	17.32	17.12	18.5	0
10	256QAM	25	25	17.18	17.28	17.21		
10	256QAM	50	0	17.16	17.31	17.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.15	17.37	17.23		
5	QPSK	1	12	17.18	17.34	17.13	18.5	0
5	QPSK	1	24	17.19	17.32	17.11		
5	QPSK	12	0	17.19	17.27	17.12		
5	QPSK	12	7	17.18	17.23	17.11	18.5	0
5	QPSK	12	13	17.26	17.37	17.18		
5	QPSK	25	0	17.19	17.32	17.20		
5	16QAM	1	0	17.18	17.35	17.10		
5	16QAM	1	12	17.27	17.28	17.20	18.5	0
5	16QAM	1	24	17.23	17.23	17.15		
5	16QAM	12	0	17.19	17.34	17.21		
5	16QAM	12	7	17.25	17.28	17.11	18.5	0
5	16QAM	12	13	17.25	17.27	17.19		
5	16QAM	25	0	17.20	17.28	17.10		
5	64QAM	1	0	17.29	17.36	17.17		
5	64QAM	1	12	17.15	17.29	17.11	18.5	0
5	64QAM	1	24	17.19	17.30	17.15		
5	64QAM	12	0	17.18	17.23	17.14		
5	64QAM	12	7	17.17	17.30	17.15	18.5	0
5	64QAM	12	13	17.18	17.26	17.22		
5	64QAM	25	0	17.22	17.35	17.20		
5	256QAM	1	0	17.22	17.37	17.10		
5	256QAM	1	12	17.28	17.27	17.15	18.5	0
5	256QAM	1	24	17.29	17.33	17.19		
5	256QAM	12	0	17.27	17.23	17.19		
5	256QAM	12	7	17.29	17.34	17.13	18.5	0
5	256QAM	12	13	17.24	17.25	17.10		
5	256QAM	25	0	17.29	17.36	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.00	16.06	15.82		
20	QPSK	1	49	15.93	15.98	15.75	17.5	0
20	QPSK	1	99	15.97	16.04	15.70		
20	QPSK	50	0	15.98	16.05	15.80		
20	QPSK	50	24	15.97	16.03	15.76	17.5	0
20	QPSK	50	50	15.86	15.91	15.73		
20	QPSK	100	0	15.96	16.03	15.79		
20	16QAM	1	0	15.92	15.91	15.73		
20	16QAM	1	49	15.85	16.03	15.78	17.5	0
20	16QAM	1	99	15.89	15.97	15.65		
20	16QAM	50	0	15.91	15.93	15.70		
20	16QAM	50	24	15.86	15.98	15.74	17.5	0
20	16QAM	50	50	15.97	15.94	15.77		
20	16QAM	100	0	15.92	15.91	15.73		
20	64QAM	1	0	15.89	16.02	15.72		
20	64QAM	1	49	15.87	15.92	15.67	17.5	0
20	64QAM	1	99	15.84	15.94	15.77		
20	64QAM	50	0	15.92	15.97	15.75		
20	64QAM	50	24	15.91	15.95	15.77	17.5	0
20	64QAM	50	50	15.95	16.00	15.67		
20	64QAM	100	0	15.93	16.01	15.68		
20	256QAM	1	0	15.97	15.97	15.73		
20	256QAM	1	49	15.96	15.98	15.77	17.5	0
20	256QAM	1	99	15.97	15.92	15.65		
20	256QAM	50	0	15.88	15.93	15.74		
20	256QAM	50	24	15.90	15.94	15.66	17.5	0
20	256QAM	50	50	15.92	15.92	15.75		
20	256QAM	100	0	15.94	16.04	15.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.90	16.04	15.72		
15	QPSK	1	37	15.85	15.91	15.79	17.5	0
15	QPSK	1	74	15.84	16.02	15.79		
15	QPSK	36	0	15.93	15.90	15.75		
15	QPSK	36	20	15.88	15.97	15.65	17.5	0
15	QPSK	36	39	15.96	15.99	15.67		
15	QPSK	75	0	15.84	15.90	15.75		
15	16QAM	1	0	15.89	16.01	15.75		
15	16QAM	1	37	15.93	16.01	15.70	17.5	0
15	16QAM	1	74	15.87	16.02	15.73		
15	16QAM	36	0	15.88	15.95	15.74		
15	16QAM	36	20	15.86	15.91	15.73	17.5	0
15	16QAM	36	39	15.95	15.97	15.75		
15	16QAM	75	0	15.96	15.96	15.78		
15	64QAM	1	0	15.88	15.99	15.69		
15	64QAM	1	37	15.89	15.97	15.77	17.5	0
15	64QAM	1	74	15.95	15.90	15.74		
15	64QAM	36	0	15.87	16.02	15.73		
15	64QAM	36	20	15.88	15.95	15.78	17.5	0
15	64QAM	36	39	15.96	15.92	15.77		
15	64QAM	75	0	15.95	15.96	15.66		
15	256QAM	1	0	15.84	15.94	15.75		
15	256QAM	1	37	15.96	16.04	15.77	17.5	0
15	256QAM	1	74	15.87	15.95	15.73		
15	256QAM	36	0	15.88	16.02	15.76		
15	256QAM	36	20	15.95	15.98	15.65	17.5	0
15	256QAM	36	39	15.87	15.94	15.72		
15	256QAM	75	0	15.97	16.01	15.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.97	15.96	15.77		
10	QPSK	1	25	15.84	16.01	15.77	17.5	0
10	QPSK	1	49	15.94	15.97	15.76		
10	QPSK	25	0	15.90	15.98	15.79		
10	QPSK	25	12	15.84	16.04	15.65	17.5	0
10	QPSK	25	25	15.85	15.93	15.77		
10	QPSK	50	0	15.87	15.93	15.69		
10	16QAM	1	0	15.86	15.99	15.69		
10	16QAM	1	25	15.88	15.92	15.79	17.5	0
10	16QAM	1	49	15.93	15.94	15.68		
10	16QAM	25	0	15.95	16.03	15.74		
10	16QAM	25	12	15.92	15.99	15.68	17.5	0
10	16QAM	25	25	15.85	15.92	15.68		
10	16QAM	50	0	15.87	15.96	15.71		
10	64QAM	1	0	15.95	16.03	15.66		
10	64QAM	1	25	15.92	15.92	15.77	17.5	0
10	64QAM	1	49	15.94	16.01	15.77		
10	64QAM	25	0	15.97	15.97	15.77		
10	64QAM	25	12	15.94	15.96	15.70	17.5	0
10	64QAM	25	25	15.91	15.90	15.65		
10	64QAM	50	0	15.96	16.03	15.74		
10	256QAM	1	0	15.93	15.98	15.68		
10	256QAM	1	25	15.95	15.94	15.74	17.5	0
10	256QAM	1	49	15.96	15.90	15.68		
10	256QAM	25	0	15.97	15.99	15.73		
10	256QAM	25	12	15.87	15.96	15.74	17.5	0
10	256QAM	25	25	15.97	15.97	15.75		
10	256QAM	50	0	15.84	16.03	15.67		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.85	16.00	15.78		
5	QPSK	1	12	15.93	16.03	15.79	17.5	0
5	QPSK	1	24	15.97	16.04	15.77		
5	QPSK	12	0	15.83	16.00	15.65		
5	QPSK	12	7	15.88	15.96	15.72	17.5	0
5	QPSK	12	13	15.94	15.95	15.69		
5	QPSK	25	0	15.91	15.95	15.72		
5	16QAM	1	0	15.90	15.91	15.77		
5	16QAM	1	12	15.94	16.02	15.65	17.5	0
5	16QAM	1	24	15.83	16.04	15.69		
5	16QAM	12	0	15.92	15.91	15.78		
5	16QAM	12	7	15.87	16.02	15.75	17.5	0
5	16QAM	12	13	15.86	15.94	15.72		
5	16QAM	25	0	15.83	16.02	15.65		
5	64QAM	1	0	15.93	16.00	15.65		
5	64QAM	1	12	15.91	16.03	15.79	17.5	0
5	64QAM	1	24	15.85	16.01	15.70		
5	64QAM	12	0	15.85	15.91	15.75		
5	64QAM	12	7	15.88	16.03	15.65	17.5	0
5	64QAM	12	13	15.94	16.03	15.70		
5	64QAM	25	0	15.86	15.98	15.74		
5	256QAM	1	0	15.94	15.91	15.76		
5	256QAM	1	12	15.92	15.95	15.79	17.5	0
5	256QAM	1	24	15.95	15.95	15.67		
5	256QAM	12	0	15.83	16.01	15.74		
5	256QAM	12	7	15.93	15.96	15.68	17.5	0
5	256QAM	12	13	15.89	15.95	15.77		
5	256QAM	25	0	15.88	16.00	15.65		

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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	19.59	19.68	19.60	19.64	20.7	0
20	QPSK	1	49	19.46	19.64	19.48	19.56		
20	QPSK	1	99	19.51	19.50	19.56	19.61		
20	QPSK	50	0	19.58	19.65	19.58	19.62	20.7	0
20	QPSK	50	24	19.53	19.62	19.57	19.55		
20	QPSK	50	50	19.56	19.53	19.57	19.59		
20	QPSK	100	0	19.56	19.63	19.56	19.60		
20	16QAM	1	0	19.54	19.63	19.44	19.61	20.7	0
20	16QAM	1	49	19.47	19.56	19.44	19.51		
20	16QAM	1	99	19.51	19.63	19.54	19.50		
20	16QAM	50	0	19.46	19.60	19.57	19.60	20.7	0
20	16QAM	50	24	19.49	19.54	19.47	19.61		
20	16QAM	50	50	19.44	19.54	19.52	19.60		
20	16QAM	100	0	19.54	19.62	19.53	19.57		
20	64QAM	1	0	19.48	19.57	19.57	19.47	20.7	0
20	64QAM	1	49	19.46	19.61	19.55	19.49		
20	64QAM	1	99	19.44	19.56	19.49	19.47		
20	64QAM	50	0	19.45	19.61	19.55	19.52	20.7	0
20	64QAM	50	24	19.50	19.50	19.57	19.47		
20	64QAM	50	50	19.49	19.52	19.53	19.60		
20	64QAM	100	0	19.53	19.60	19.43	19.60		
20	256QAM	1	0	19.04	19.25	19.04	19.00	20.2	0.5
20	256QAM	1	49	19.00	19.24	18.99	19.03		
20	256QAM	1	99	19.20	19.37	19.17	19.20		
20	256QAM	50	0	19.22	19.45	19.27	19.22	20.2	0.5
20	256QAM	50	24	19.22	19.47	19.27	19.24		
20	256QAM	50	50	19.30	19.50	19.24	19.33		
20	256QAM	100	0	19.19	19.41	19.20	19.23		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.48	19.52	19.53	19.49	20.7	0
15	QPSK	1	37	19.48	19.57	19.47	19.51		
15	QPSK	1	74	19.53	19.62	19.49	19.50		
15	QPSK	36	0	19.44	19.55	19.52	19.50	20.7	0
15	QPSK	36	20	19.47	19.52	19.45	19.51		
15	QPSK	36	39	19.47	19.52	19.44	19.47		
15	QPSK	75	0	19.48	19.57	19.55	19.58		
15	16QAM	1	0	19.55	19.53	19.55	19.60	20.7	0
15	16QAM	1	37	19.48	19.51	19.50	19.56		
15	16QAM	1	74	19.45	19.62	19.54	19.57		
15	16QAM	36	0	19.43	19.59	19.55	19.51	20.7	0
15	16QAM	36	20	19.49	19.53	19.54	19.58		
15	16QAM	36	39	19.50	19.61	19.57	19.49		
15	16QAM	75	0	19.45	19.59	19.45	19.55		
15	64QAM	1	0	19.49	19.57	19.57	19.49	20.7	0
15	64QAM	1	37	19.50	19.57	19.48	19.56		
15	64QAM	1	74	19.44	19.63	19.43	19.54		
15	64QAM	36	0	19.54	19.54	19.45	19.52	20.7	0
15	64QAM	36	20	19.50	19.51	19.46	19.50		
15	64QAM	36	39	19.46	19.54	19.45	19.50		
15	64QAM	75	0	19.48	19.55	19.53	19.53		
15	256QAM	1	0	19.01	19.16	19.02	18.89	20.2	0.5
15	256QAM	1	37	18.96	19.15	18.92	18.98		
15	256QAM	1	74	19.16	19.26	19.11	19.15		
15	256QAM	36	0	19.15	19.43	19.16	19.20	20.2	0.5
15	256QAM	36	20	19.20	19.40	19.22	19.16		
15	256QAM	36	39	19.19	19.42	19.22	19.27		
15	256QAM	75	0	19.08	19.34	19.12	19.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.55	19.62	19.43	19.55	20.7	0
10	QPSK	1	25	19.45	19.52	19.57	19.60		
10	QPSK	1	49	19.52	19.51	19.52	19.53		
10	QPSK	25	0	19.46	19.57	19.48	19.51	20.7	0
10	QPSK	25	12	19.50	19.56	19.55	19.59		
10	QPSK	25	25	19.56	19.59	19.57	19.51		
10	QPSK	50	0	19.56	19.55	19.45	19.53		
10	16QAM	1	0	19.57	19.50	19.54	19.53	20.7	0
10	16QAM	1	25	19.57	19.60	19.50	19.49		
10	16QAM	1	49	19.45	19.58	19.48	19.59		
10	16QAM	25	0	19.54	19.64	19.55	19.60	20.7	0
10	16QAM	25	12	19.45	19.52	19.56	19.56		
10	16QAM	25	25	19.43	19.50	19.50	19.60		
10	16QAM	50	0	19.53	19.58	19.50	19.52		
10	64QAM	1	0	19.55	19.57	19.43	19.49	20.7	0
10	64QAM	1	25	19.49	19.53	19.54	19.55		
10	64QAM	1	49	19.43	19.54	19.55	19.61		
10	64QAM	25	0	19.51	19.54	19.55	19.50	20.7	0
10	64QAM	25	12	19.47	19.57	19.46	19.54		
10	64QAM	25	25	19.48	19.52	19.54	19.48		
10	64QAM	50	0	19.51	19.52	19.57	19.56		
10	256QAM	1	0	18.93	19.21	19.02	18.94	20.2	0.5
10	256QAM	1	25	18.97	19.16	18.94	19.01		
10	256QAM	1	49	19.10	19.33	19.15	19.17		
10	256QAM	25	0	19.17	19.43	19.21	19.13	20.2	0.5
10	256QAM	25	12	19.11	19.45	19.25	19.22		
10	256QAM	25	25	19.22	19.45	19.17	19.28		
10	256QAM	50	0	19.16	19.30	19.18	19.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.53	19.56	19.55	19.52	20.7	0
5	QPSK	1	12	19.57	19.60	19.45	19.47		
5	QPSK	1	24	19.47	19.62	19.49	19.61		
5	QPSK	12	0	19.56	19.58	19.50	19.53	20.7	0
5	QPSK	12	7	19.47	19.54	19.46	19.47		
5	QPSK	12	13	19.53	19.58	19.51	19.51		
5	QPSK	25	0	19.52	19.56	19.54	19.51		
5	16QAM	1	0	19.47	19.59	19.51	19.50	20.7	0
5	16QAM	1	12	19.47	19.54	19.44	19.58		
5	16QAM	1	24	19.54	19.58	19.50	19.55		
5	16QAM	12	0	19.50	19.56	19.49	19.52	20.7	0
5	16QAM	12	7	19.45	19.55	19.48	19.57		
5	16QAM	12	13	19.48	19.54	19.54	19.47		
5	16QAM	25	0	19.47	19.52	19.57	19.59		
5	64QAM	1	0	19.55	19.57	19.56	19.55	20.7	0
5	64QAM	1	12	19.44	19.56	19.53	19.57		
5	64QAM	1	24	19.55	19.52	19.43	19.54		
5	64QAM	12	0	19.46	19.51	19.46	19.55	20.7	0
5	64QAM	12	7	19.46	19.53	19.57	19.47		
5	64QAM	12	13	19.44	19.58	19.54	19.58		
5	64QAM	25	0	19.47	19.62	19.54	19.59		
5	256QAM	1	0	19.01	19.18	18.96	18.98	20.2	0.5
5	256QAM	1	12	18.94	19.16	18.93	18.92		
5	256QAM	1	24	19.09	19.28	19.09	19.10		
5	256QAM	12	0	19.12	19.43	19.25	19.12	20.2	0.5
5	256QAM	12	7	19.14	19.45	19.21	19.18		
5	256QAM	12	13	19.26	19.42	19.18	19.28		
5	256QAM	25	0	19.12	19.37	19.11	19.20		

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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	20.20	20.22	19.91	19.89	21.5	0
20	QPSK	1	49	19.85	19.98	19.85	19.83		
20	QPSK	1	99	19.89	19.90	19.82	19.84		
20	QPSK	50	0	19.93	20.00	19.90	19.86	21.5	0
20	QPSK	50	24	19.84	19.94	19.82	19.76		
20	QPSK	50	50	19.86	19.91	19.79	19.82		
20	QPSK	100	0	19.91	19.98	19.88	19.83		
20	16QAM	1	0	19.91	19.96	19.85	19.80	21.5	0
20	16QAM	1	49	19.84	19.91	19.88	19.80		
20	16QAM	1	99	19.84	19.90	19.81	19.75		
20	16QAM	50	0	19.39	19.44	19.34	19.28	21	0.5
20	16QAM	50	24	19.40	19.41	19.34	19.28		
20	16QAM	50	50	19.41	19.40	19.29	19.27		
20	16QAM	100	0	19.40	19.40	19.35	19.27		
20	64QAM	1	0	19.08	19.23	19.19	19.13	21	0.5
20	64QAM	1	49	19.00	19.22	19.16	19.14		
20	64QAM	1	99	19.08	19.16	19.13	19.12		
20	64QAM	50	0	18.14	18.41	18.38	18.32	20	1.5
20	64QAM	50	24	18.18	18.42	18.39	18.34		
20	64QAM	50	50	18.18	18.46	18.43	18.38		
20	64QAM	100	0	18.18	18.41	18.37	18.30		
20	256QAM	1	0	16.05	16.23	16.19	16.15	18	3.5
20	256QAM	1	49	16.08	16.27	16.19	16.19		
20	256QAM	1	99	16.13	16.36	16.33	16.33		
20	256QAM	50	0	16.21	16.45	16.41	16.41	18	3.5
20	256QAM	50	24	16.24	16.46	16.37	16.43		
20	256QAM	50	50	16.22	16.51	16.49	16.43		
20	256QAM	100	0	16.20	16.41	16.31	16.39		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.87	19.98	19.86	19.87	21.5	0
15	QPSK	1	37	19.79	19.90	19.80	19.73		
15	QPSK	1	74	19.78	19.88	19.76	19.79		
15	QPSK	36	0	19.88	19.89	19.83	19.82	21.5	0
15	QPSK	36	20	19.77	19.91	19.76	19.65		
15	QPSK	36	39	19.84	19.82	19.76	19.79		
15	QPSK	75	0	19.85	19.87	19.78	19.81		
15	16QAM	1	0	19.82	19.93	19.83	19.70	21.5	0
15	16QAM	1	37	19.76	19.80	19.83	19.69		
15	16QAM	1	74	19.77	19.79	19.70	19.70		
15	16QAM	36	0	19.35	19.40	19.31	19.17	21	0.5
15	16QAM	36	20	19.33	19.33	19.25	19.21		
15	16QAM	36	39	19.37	19.30	19.19	19.23		
15	16QAM	75	0	19.37	19.38	19.27	19.24		
15	64QAM	1	0	19.02	19.16	19.11	19.05	21	0.5
15	64QAM	1	37	19.06	19.18	19.10	19.03		
15	64QAM	1	74	19.01	19.06	19.11	19.08		
15	64QAM	36	0	18.05	18.33	18.27	18.24	20	1.5
15	64QAM	36	20	18.11	18.40	18.32	18.30		
15	64QAM	36	39	18.10	18.44	18.34	18.35		
15	64QAM	75	0	18.13	18.36	18.34	18.21		
15	256QAM	1	0	16.08	16.19	16.14	16.08	18	3.5
15	256QAM	1	37	16.05	16.23	16.09	16.12		
15	256QAM	1	74	16.04	16.30	16.29	16.23		
15	256QAM	36	0	16.19	16.40	16.32	16.36	18	3.5
15	256QAM	36	20	16.21	16.36	16.34	16.40		
15	256QAM	36	39	16.16	16.41	16.40	16.37		
15	256QAM	75	0	16.10	16.39	16.25	16.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.90	20.00	19.80	19.87	21.5	0
10	QPSK	1	25	19.79	19.96	19.79	19.78		
10	QPSK	1	49	19.85	19.82	19.78	19.80		
10	QPSK	25	0	19.84	19.94	19.88	19.76	21.5	0
10	QPSK	25	12	19.75	19.91	19.80	19.68		
10	QPSK	25	25	19.79	19.86	19.71	19.77		
10	QPSK	50	0	19.88	19.90	19.78	19.77	21.5	0
10	16QAM	1	0	19.83	19.92	19.74	19.78		
10	16QAM	1	25	19.74	19.83	19.85	19.75		
10	16QAM	1	49	19.79	19.84	19.79	19.65		
10	16QAM	25	0	19.28	19.37	19.28	19.26	21	0.5
10	16QAM	25	12	19.31	19.32	19.23	19.23		
10	16QAM	25	25	19.31	19.37	19.23	19.19		
10	16QAM	50	0	19.38	19.30	19.29	19.24		
10	64QAM	1	0	19.05	19.17	19.11	19.08	21	0.5
10	64QAM	1	25	19.10	19.18	19.14	19.11		
10	64QAM	1	49	19.03	19.13	19.03	19.07		
10	64QAM	25	0	18.09	18.32	18.30	18.28	20	1.5
10	64QAM	25	12	18.13	18.33	18.32	18.29		
10	64QAM	25	25	18.07	18.43	18.39	18.32		
10	64QAM	50	0	18.07	18.35	18.27	18.27		
10	256QAM	1	0	16.11	16.16	16.15	16.08	18	3.5
10	256QAM	1	25	16.07	16.17	16.09	16.10		
10	256QAM	1	49	16.08	16.30	16.26	16.28		
10	256QAM	25	0	16.11	16.40	16.39	16.32	18	3.5
10	256QAM	25	12	16.20	16.42	16.29	16.40		
10	256QAM	25	25	16.11	16.40	16.47	16.38		
10	256QAM	50	0	16.10	16.38	16.29	16.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.88	19.93	19.80	19.78	21.5	0
5	QPSK	1	12	19.74	19.90	19.77	19.73		
5	QPSK	1	24	19.80	19.84	19.72	19.79		
5	QPSK	12	0	19.83	19.90	19.81	19.83	21.5	0
5	QPSK	12	7	19.77	19.87	19.79	19.74		
5	QPSK	12	13	19.82	19.88	19.71	19.72		
5	QPSK	25	0	19.81	19.87	19.85	19.81		
5	16QAM	1	0	19.86	19.91	19.79	19.70	21.5	0
5	16QAM	1	12	19.82	19.84	19.79	19.71		
5	16QAM	1	24	19.75	19.81	19.77	19.67		
5	16QAM	12	0	19.35	19.42	19.29	19.26	21	0.5
5	16QAM	12	7	19.38	19.39	19.28	19.24		
5	16QAM	12	13	19.32	19.30	19.22	19.16		
5	16QAM	25	0	19.35	19.32	19.30	19.23		
5	64QAM	1	0	19.03	19.21	19.10	19.09	21	0.5
5	64QAM	1	12	19.06	19.12	19.14	19.07		
5	64QAM	1	24	19.05	19.09	19.08	19.03		
5	64QAM	12	0	18.07	18.35	18.33	18.26	20	1.5
5	64QAM	12	7	18.13	18.36	18.37	18.30		
5	64QAM	12	13	18.15	18.42	18.41	18.35		
5	64QAM	25	0	18.07	18.37	18.35	18.22		
5	256QAM	1	0	16.07	16.15	16.15	16.10	18	3.5
5	256QAM	1	12	16.05	16.21	16.10	16.17		
5	256QAM	1	24	16.06	16.32	16.25	16.25		
5	256QAM	12	0	16.11	16.41	16.39	16.32	18	3.5
5	256QAM	12	7	16.22	16.42	16.30	16.41		
5	256QAM	12	13	16.14	16.44	16.42	16.39		
5	256QAM	25	0	16.18	16.38	16.29	16.34		

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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	16.65	16.83	16.75	16.72	18.5	0
20	QPSK	1	49	16.57	16.79	16.66	16.57		
20	QPSK	1	99	16.52	16.70	16.71	16.64		
20	QPSK	50	0	16.63	16.82	16.73	16.71	18.5	0
20	QPSK	50	24	16.56	16.75	16.62	16.67		
20	QPSK	50	50	16.56	16.72	16.62	16.61		
20	QPSK	100	0	16.62	16.80	16.72	16.70		
20	16QAM	1	0	16.61	16.69	16.65	16.57	18.5	0
20	16QAM	1	49	16.56	16.68	16.62	16.67		
20	16QAM	1	99	16.56	16.67	16.56	16.67		
20	16QAM	50	0	16.59	16.80	16.58	16.58	18.5	0
20	16QAM	50	24	16.56	16.75	16.67	16.57		
20	16QAM	50	50	16.57	16.74	16.71	16.63		
20	16QAM	100	0	16.54	16.68	16.62	16.67		
20	64QAM	1	0	16.52	16.74	16.60	16.57	18.5	0
20	64QAM	1	49	16.62	16.76	16.63	16.65		
20	64QAM	1	99	16.53	16.75	16.71	16.67		
20	64QAM	50	0	16.51	16.77	16.72	16.68	18.5	0
20	64QAM	50	24	16.55	16.76	16.59	16.59		
20	64QAM	50	50	16.60	16.73	16.64	16.59		
20	64QAM	100	0	16.53	16.69	16.68	16.67		
20	256QAM	1	0	16.54	16.75	16.61	16.58	18.5	0
20	256QAM	1	49	16.54	16.74	16.68	16.69		
20	256QAM	1	99	16.56	16.67	16.69	16.57		
20	256QAM	50	0	16.54	16.68	16.66	16.61	18.5	0
20	256QAM	50	24	16.62	16.79	16.58	16.62		
20	256QAM	50	50	16.50	16.81	16.65	16.70		
20	256QAM	100	0	16.58	16.79	16.61	16.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.63	16.78	16.58	16.59	18.5	0
15	QPSK	1	37	16.55	16.80	16.67	16.57		
15	QPSK	1	74	16.59	16.75	16.70	16.68		
15	QPSK	36	0	16.61	16.73	16.67	16.60	18.5	0
15	QPSK	36	20	16.61	16.71	16.66	16.65		
15	QPSK	36	39	16.51	16.80	16.58	16.60		
15	QPSK	75	0	16.50	16.73	16.63	16.69		
15	16QAM	1	0	16.60	16.79	16.61	16.68	18.5	0
15	16QAM	1	37	16.62	16.80	16.58	16.70		
15	16QAM	1	74	16.56	16.73	16.59	16.65		
15	16QAM	36	0	16.63	16.71	16.65	16.64	18.5	0
15	16QAM	36	20	16.51	16.74	16.58	16.56		
15	16QAM	36	39	16.60	16.77	16.59	16.58		
15	16QAM	75	0	16.51	16.77	16.67	16.61		
15	64QAM	1	0	16.54	16.81	16.70	16.67	18.5	0
15	64QAM	1	37	16.63	16.72	16.72	16.67		
15	64QAM	1	74	16.60	16.78	16.71	16.69		
15	64QAM	36	0	16.63	16.75	16.61	16.63	18.5	0
15	64QAM	36	20	16.59	16.72	16.67	16.62		
15	64QAM	36	39	16.52	16.77	16.68	16.69		
15	64QAM	75	0	16.55	16.78	16.63	16.68		
15	256QAM	1	0	16.54	16.72	16.65	16.63	18.5	0
15	256QAM	1	37	16.54	16.75	16.65	16.67		
15	256QAM	1	74	16.62	16.80	16.61	16.57		
15	256QAM	36	0	16.62	16.71	16.72	16.68	18.5	0
15	256QAM	36	20	16.62	16.69	16.62	16.69		
15	256QAM	36	39	16.57	16.76	16.60	16.62		
15	256QAM	75	0	16.53	16.76	16.69	16.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.54	16.77	16.64	16.58	18.5	0
10	QPSK	1	25	16.50	16.75	16.71	16.56		
10	QPSK	1	49	16.54	16.69	16.60	16.61		
10	QPSK	25	0	16.57	16.73	16.69	16.66	18.5	0
10	QPSK	25	12	16.61	16.70	16.59	16.64		
10	QPSK	25	25	16.53	16.71	16.71	16.70		
10	QPSK	50	0	16.53	16.79	16.72	16.70	18.5	0
10	16QAM	1	0	16.60	16.79	16.68	16.66		
10	16QAM	1	25	16.63	16.67	16.58	16.67		
10	16QAM	1	49	16.50	16.79	16.63	16.62		
10	16QAM	25	0	16.61	16.81	16.71	16.59	18.5	0
10	16QAM	25	12	16.63	16.68	16.67	16.59		
10	16QAM	25	25	16.56	16.76	16.61	16.68		
10	16QAM	50	0	16.64	16.78	16.60	16.69		
10	64QAM	1	0	16.62	16.68	16.64	16.61	18.5	0
10	64QAM	1	25	16.57	16.71	16.63	16.65		
10	64QAM	1	49	16.61	16.69	16.70	16.68		
10	64QAM	25	0	16.61	16.81	16.63	16.59	18.5	0
10	64QAM	25	12	16.54	16.81	16.66	16.59		
10	64QAM	25	25	16.63	16.68	16.64	16.70		
10	64QAM	50	0	16.51	16.68	16.60	16.61		
10	256QAM	1	0	16.59	16.68	16.63	16.61	18.5	0
10	256QAM	1	25	16.59	16.78	16.68	16.62		
10	256QAM	1	49	16.63	16.67	16.70	16.68		

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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	15.25	15.47	15.35	15.30	17	0
20	QPSK	1	49	15.08	15.34	15.30	15.20		
20	QPSK	1	99	15.16	15.41	15.26	15.17		
20	QPSK	50	0	15.23	15.45	15.33	15.28	17	0
20	QPSK	50	24	15.09	15.40	15.30	15.18		
20	QPSK	50	50	15.19	15.37	15.29	15.18		
20	QPSK	100	0	15.22	15.44	15.30	15.27		
20	16QAM	1	0	15.21	15.32	15.18	15.13	17	0
20	16QAM	1	49	15.08	15.41	15.32	15.13		
20	16QAM	1	99	15.16	15.37	15.27	15.25		
20	16QAM	50	0	15.20	15.30	15.32	15.27	17	0
20	16QAM	50	24	15.13	15.38	15.24	15.18		
20	16QAM	50	50	15.16	15.35	15.25	15.19		
20	16QAM	100	0	15.11	15.38	15.24	15.27		
20	64QAM	1	0	15.22	15.42	15.22	15.21	17	0
20	64QAM	1	49	15.22	15.39	15.23	15.22		
20	64QAM	1	99	15.20	15.36	15.21	15.26		
20	64QAM	50	0	15.08	15.42	15.29	15.15	17	0
20	64QAM	50	24	15.13	15.35	15.25	15.15		
20	64QAM	50	50	15.15	15.38	15.22	15.19		
20	64QAM	100	0	15.13	15.41	15.29	15.22		
20	256QAM	1	0	15.08	15.39	15.27	15.22	17	0
20	256QAM	1	49	15.15	15.40	15.19	15.23		
20	256QAM	1	99	15.20	15.43	15.23	15.21		
20	256QAM	50	0	15.18	15.41	15.23	15.17	17	0
20	256QAM	50	24	15.14	15.37	15.27	15.22		
20	256QAM	50	50	15.08	15.34	15.29	15.13		
20	256QAM	100	0	15.17	15.42	15.25	15.27		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.09	15.31	15.19	15.27	17	0
15	QPSK	1	37	15.20	15.36	15.25	15.21		
15	QPSK	1	74	15.13	15.43	15.23	15.21		
15	QPSK	36	0	15.12	15.42	15.31	15.26	17	0
15	QPSK	36	20	15.13	15.35	15.24	15.20		
15	QPSK	36	39	15.20	15.44	15.29	15.25		
15	QPSK	75	0	15.16	15.41	15.29	15.23		
15	16QAM	1	0	15.11	15.37	15.23	15.26	17	0
15	16QAM	1	37	15.21	15.44	15.23	15.13		
15	16QAM	1	74	15.22	15.41	15.32	15.16		
15	16QAM	36	0	15.09	15.38	15.22	15.16	17	0
15	16QAM	36	20	15.09	15.41	15.24	15.24		
15	16QAM	36	39	15.12	15.36	15.25	15.17		
15	16QAM	75	0	15.15	15.33	15.22	15.17		
15	64QAM	1	0	15.08	15.40	15.22	15.15	17	0
15	64QAM	1	37	15.21	15.37	15.32	15.22		
15	64QAM	1	74	15.21	15.43	15.32	15.20		
15	64QAM	36	0	15.15	15.39	15.25	15.16	17	0
15	64QAM	36	20	15.19	15.39	15.27	15.26		
15	64QAM	36	39	15.09	15.43	15.21	15.21		
15	64QAM	75	0	15.17	15.42	15.32	15.24		
15	256QAM	1	0	15.21	15.37	15.19	15.23	17	0
15	256QAM	1	37	15.16	15.44	15.22	15.20		
15	256QAM	1	74	15.16	15.30	15.30	15.22		
15	256QAM	36	0	15.15	15.41	15.30	15.24	17	0
15	256QAM	36	20	15.11	15.40	15.29	15.26		
15	256QAM	36	39	15.14	15.30	15.21	15.14		
15	256QAM	75	0	15.10	15.44	15.23	15.15		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.19	15.38	15.26	15.13	17	0
10	QPSK	1	25	15.18	15.42	15.30	15.27		
10	QPSK	1	49	15.12	15.35	15.30	15.27		
10	QPSK	25	0	15.16	15.41	15.26	15.22	17	0
10	QPSK	25	12	15.21	15.35	15.25	15.23		
10	QPSK	25	25	15.13	15.37	15.29	15.27		
10	QPSK	50	0	15.19	15.33	15.22	15.23		
10	16QAM	1	0	15.14	15.32	15.32	15.17	17	0
10	16QAM	1	25	15.19	15.41	15.20	15.27		
10	16QAM	1	49	15.08	15.44	15.28	15.26		
10	16QAM	25	0	15.11	15.30	15.22	15.26	17	0
10	16QAM	25	12	15.12	15.42	15.22	15.18		
10	16QAM	25	25	15.19	15.42	15.28	15.26		
10	16QAM	50	0	15.12	15.37	15.24	15.26		
10	64QAM	1	0	15.09	15.30	15.24	15.20	17	0
10	64QAM	1	25	15.10	15.43	15.24	15.14		
10	64QAM	1	49	15.10	15.34	15.25	15.13		
10	64QAM	25	0	15.13	15.30	15.25	15.16	17	0
10	64QAM	25	12	15.22	15.40	15.18	15.13		
10	64QAM	25	25	15.10	15.38	15.32	15.20		
10	64QAM	50	0	15.17	15.43	15.26	15.25		
10	256QAM	1	0	15.18	15.44	15.28	15.19	17	0
10	256QAM	1	25	15.08	15.35	15.23	15.15		
10	256QAM	1	49	15.20	15.44	15.28	15.21		
10	256QAM	25	0	15.08	15.35	15.19	15.22	17	0
10	256QAM	25	12	15.20	15.34	15.22	15.18		
10	256QAM	25	25	15.22	15.33	15.30	15.13		
10	256QAM	50	0	15.20	15.38	15.32	15.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.13	15.36	15.29	15.18	17	0
5	QPSK	1	12	15.18	15.31	15.28	15.18		
5	QPSK	1	24	15.17	15.36	15.27	15.18		
5	QPSK	12	0	15.15	15.40	15.26	15.26	17	0
5	QPSK	12	7	15.15	15.34	15.29	15.16		
5	QPSK	12	13	15.17	15.42	15.22	15.23		
5	QPSK	25	0	15.18	15.33	15.19	15.15		
5	16QAM	1	0	15.15	15.36	15.25	15.21	17	0
5	16QAM	1	12	15.17	15.40	15.28	15.21		
5	16QAM	1	24	15.14	15.42	15.24	15.23		
5	16QAM	12	0	15.13	15.41	15.19	15.24	17	0
5	16QAM	12	7	15.22	15.30	15.20	15.25		
5	16QAM	12	13	15.09	15.32	15.23	15.14		
5	16QAM	25	0	15.20	15.36	15.31	15.20		
5	64QAM	1	0	15.16	15.35	15.19	15.16	17	0
5	64QAM	1	12	15.11	15.38	15.22	15.26		
5	64QAM	1	24	15.09	15.30	15.30	15.17		
5	64QAM	12	0	15.12	15.34	15.26	15.20	17	0
5	64QAM	12	7	15.17	15.35	15.31	15.18		
5	64QAM	12	13	15.12	15.37	15.28	15.24		
5	64QAM	25	0	15.20	15.30	15.29	15.15		
5	256QAM	1	0	15.12	15.37	15.32	15.22	17	0
5	256QAM	1	12	15.17	15.43	15.30	15.25		
5	256QAM	1	24	15.14	15.42	15.19	15.25		
5	256QAM	12	0	15.09	15.34	15.21	15.26	17	0
5	256QAM	12	7	15.15	15.33	15.31	15.21		
5	256QAM	12	13	15.12	15.32	15.27	15.16		
5	256QAM	25	0	15.17	15.42	15.22	15.23		

Full&Default Power Mode Other PA

Band 2_Ant 4_Other PA

BW [MHz]	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	23.03	23.07	22.95	24	0
20	QPSK	1	49	22.95	22.96	22.90		
20	QPSK	1	99	22.94	22.82	22.85		
20	QPSK	50	0	21.95	22.07	21.81	23	1
20	QPSK	50	24	21.94	21.85	21.74		
20	QPSK	50	50	21.89	21.79	21.69		
20	QPSK	100	0	21.91	21.96	21.69		
20	16QAM	1	0	22.02	22.16	22.11	23	1
20	16QAM	1	49	22.07	21.97	21.95		
20	16QAM	1	99	22.11	22.03	21.98		
20	16QAM	50	0	20.86	20.90	20.79	22	2
20	16QAM	50	24	20.90	20.90	20.78		
20	16QAM	50	50	20.86	20.78	20.75		
20	16QAM	100	0	20.91	20.87	20.70		
20	64QAM	1	0	20.96	21.02	20.95	22	2
20	64QAM	1	49	21.05	21.00	20.91		
20	64QAM	1	99	21.09	20.89	20.88		
20	64QAM	50	0	19.92	19.93	19.79	21	3
20	64QAM	50	24	19.92	19.83	19.75		
20	64QAM	50	50	19.94	19.78	19.73		
20	64QAM	100	0	19.95	19.90	19.69		
20	256QAM	1	0	18.03	18.02	17.97	19	5
20	256QAM	1	49	18.04	18.06	18.10		
20	256QAM	1	99	18.05	17.98	18.00		
20	256QAM	50	0	17.79	17.93	17.84		
20	256QAM	50	24	17.80	17.82	17.87		
20	256QAM	50	50	17.84	17.86	17.86		
20	256QAM	100	0	17.79	17.91	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.94	22.98	22.70	24	0
15	QPSK	1	37	22.82	22.82	22.75		
15	QPSK	1	74	22.82	22.76	22.76		
15	QPSK	36	0	21.80	21.99	21.75	23	1
15	QPSK	36	20	21.82	21.74	21.61		
15	QPSK	36	39	21.77	21.74	21.55		
15	QPSK	75	0	21.82	21.84	21.59		
15	16QAM	1	0	21.93	22.02	22.05	23	1
15	16QAM	1	37	21.97	21.88	21.89		
15	16QAM	1	74	22.04	21.87	21.91		
15	16QAM	36	0	20.76	20.80	20.65	22	2
15	16QAM	36	20	20.82	20.85	20.62		
15	16QAM	36	39	20.81	20.62	20.70		
15	16QAM	75	0	20.77	20.77	20.55		
15	64QAM	1	0	20.88	20.94	20.81	22	2
15	64QAM	1	37	20.99	20.87	20.75		
15	64QAM	1	74	21.00	20.84	20.79		
15	64QAM	36	0	19.80	19.80	19.73	21	3
15	64QAM	36	20	19.87	19.69	19.67		
15	64QAM	36	39	19.88	19.71	19.68		
15	64QAM	75	0	19.83	19.81	19.56		
15	256QAM	1	0	17.95	17.90	17.92	19	5
15	256QAM	1	37	17.92	17.98	18.01		
15	256QAM	1	74	17.93	17.89	17.84		
15	256QAM	36	0	17.69	17.83	17.82	19	5
15	256QAM	36	20	17.72	17.74	17.73		
15	256QAM	36	39	17.73	17.72	17.81		
15	256QAM	75	0	17.65	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.87	22.96	22.70	24	0
10	QPSK	1	25	22.88	22.88	22.83		
10	QPSK	1	49	22.83	22.70	22.72		
10	QPSK	25	0	21.85	22.02	21.74	23	1
10	QPSK	25	12	21.82	21.69	21.63		
10	QPSK	25	25	21.81	21.71	21.60		
10	QPSK	50	0	21.86	21.89	21.60		
10	16QAM	1	0	21.96	22.05	22.04	23	1
10	16QAM	1	25	21.91	21.85	21.82		
10	16QAM	1	49	22.00	21.93	21.89		
10	16QAM	25	0	20.81	20.85	20.72	22	2
10	16QAM	25	12	20.76	20.83	20.66		
10	16QAM	25	25	20.72	20.69	20.62		
10	16QAM	50	0	20.85	20.78	20.62		
10	64QAM	1	0	20.87	20.90	20.80	22	2
10	64QAM	1	25	20.96	20.92	20.81		
10	64QAM	1	49	21.01	20.73	20.73		
10	64QAM	25	0	19.77	19.88	19.66	21	3
10	64QAM	25	12	19.82	19.72	19.63		
10	64QAM	25	25	19.79	19.62	19.59		
10	64QAM	50	0	19.81	19.76	19.63		
10	256QAM	1	0	17.97	17.86	17.89	19	5
10	256QAM	1	25	17.91	18.00	18.04		
10	256QAM	1	49	17.90	17.90	17.88		
10	256QAM	25	0	17.70	17.86	17.86	19	5
10	256QAM	25	12	17.67	17.70	17.80		
10	256QAM	25	25	17.77	17.71	17.73		
10	256QAM	50	0	17.71	17.77	17.59		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.95	23.00	22.76	24	0
5	QPSK	1	12	22.89	22.86	22.85		
5	QPSK	1	24	22.89	22.77	22.79		
5	QPSK	12	0	21.79	22.02	21.66	23	1
5	QPSK	12	7	21.82	21.69	21.59		
5	QPSK	12	13	21.77	21.66	21.55		
5	QPSK	25	0	21.75	21.80	21.53		
5	16QAM	1	0	21.86	22.02	22.04	23	1
5	16QAM	1	12	21.95	21.86	21.83		
5	16QAM	1	24	22.03	21.91	21.92		
5	16QAM	12	0	20.80	20.78	20.68	22	2
5	16QAM	12	7	20.76	20.76	20.64		
5	16QAM	12	13	20.70	20.69	20.66		
5	16QAM	25	0	20.79	20.80	20.59		
5	64QAM	1	0	20.81	20.91	20.79	22	2
5	64QAM	1	12	20.97	20.84	20.76		
5	64QAM	1	24	21.03	20.78	20.80		
5	64QAM	12	0	19.78	19.78	19.66	21	3
5	64QAM	12	7	19.76	19.75	19.59		
5	64QAM	12	13	19.78	19.63	19.61		
5	64QAM	25	0	19.88	19.75	19.63		
5	256QAM	1	0	17.97	17.91	17.92	19	5
5	256QAM	1	12	17.99	17.92	17.99		
5	256QAM	1	24	17.89	17.91	17.84		
5	256QAM	12	0	17.64	17.77	17.86	19	5
5	256QAM	12	7	17.69	17.72	17.75		
5	256QAM	12	13	17.79	17.81	17.79		
5	256QAM	25	0	17.70	17.81	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.94	22.91	22.72	24	0
3	QPSK	1	8	22.90	22.91	22.79		
3	QPSK	1	14	22.88	22.66	22.79		
3	QPSK	8	0	21.87	21.94	21.76	23	1
3	QPSK	8	4	21.84	21.77	21.66		
3	QPSK	8	7	21.80	21.70	21.61		
3	QPSK	15	0	21.75	21.84	21.54		
3	16QAM	1	0	21.92	22.07	21.97	23	1
3	16QAM	1	8	22.00	21.83	21.80		
3	16QAM	1	14	22.00	21.98	21.92		
3	16QAM	8	0	20.72	20.74	20.67	22	2
3	16QAM	8	4	20.75	20.82	20.72		
3	16QAM	8	7	20.70	20.73	20.69		
3	16QAM	15	0	20.85	20.79	20.60		
3	64QAM	1	0	20.88	20.94	20.80	22	2
3	64QAM	1	8	20.93	20.85	20.83		
3	64QAM	1	14	20.97	20.81	20.75		
3	64QAM	8	0	19.81	19.88	19.64	21	3
3	64QAM	8	4	19.79	19.76	19.62		
3	64QAM	8	7	19.85	19.68	19.68		
3	64QAM	15	0	19.84	19.80	19.60		
3	256QAM	1	0	17.91	17.90	17.88	19	5
3	256QAM	1	8	17.92	17.91	17.97		
3	256QAM	1	14	17.96	17.82	17.87		
3	256QAM	8	0	17.67	17.86	17.88	19	5
3	256QAM	8	4	17.73	17.70	17.76		
3	256QAM	8	7	17.77	17.81	17.78		
3	256QAM	15	0	17.67	17.85	17.63		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.90	22.97	22.71	24	0
1.4	QPSK	1	3	22.81	22.82	22.77		
1.4	QPSK	1	5	22.84	22.69	22.69		
1.4	QPSK	3	0	22.95	22.93	22.77		
1.4	QPSK	3	1	22.88	22.82	22.81		
1.4	QPSK	3	3	22.81	22.72	22.78		
1.4	QPSK	6	0	21.75	21.85	21.54	23	1
1.4	16QAM	1	0	21.93	22.01	22.06	23	1
1.4	16QAM	1	3	21.91	21.85	21.87		
1.4	16QAM	1	5	22.05	21.94	21.87		
1.4	16QAM	3	0	21.85	21.95	21.67		
1.4	16QAM	3	1	21.81	21.73	21.62		
1.4	16QAM	3	3	21.82	21.73	21.62		
1.4	16QAM	6	0	20.76	20.77	20.62	22	2
1.4	64QAM	1	0	20.87	20.86	20.79	22	2
1.4	64QAM	1	3	20.95	20.84	20.79		
1.4	64QAM	1	5	21.04	20.76	20.75		
1.4	64QAM	3	0	20.78	20.81	20.69		
1.4	64QAM	3	1	20.85	20.80	20.71		
1.4	64QAM	3	3	20.72	20.73	20.70		
1.4	64QAM	6	0	19.83	19.79	19.56	21	3
1.4	256QAM	1	0	17.93	17.91	17.83	19	5
1.4	256QAM	1	3	17.93	17.92	17.94		
1.4	256QAM	1	5	17.93	17.90	17.86		
1.4	256QAM	3	0	17.74	17.81	17.82		
1.4	256QAM	3	1	17.72	17.69	17.77		
1.4	256QAM	3	3	17.74	17.81	17.78		
1.4	256QAM	6	0	17.70	17.81	17.60	19	5

Band 2_Ant 2_Other PA

BW [MHz]	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	23.49	23.79	23.78	25	0
20	QPSK	1	49	23.44	23.55	23.73		
20	QPSK	1	99	23.26	23.61	23.77		
20	QPSK	50	0	22.54	22.83	22.77	24	1
20	QPSK	50	24	22.51	22.81	22.65		
20	QPSK	50	50	22.43	22.68	22.74		
20	QPSK	100	0	22.60	22.77	22.66		
20	16QAM	1	0	22.84	23.04	22.90	24	1
20	16QAM	1	49	22.84	22.93	22.86		
20	16QAM	1	99	22.78	22.81	22.90		
20	16QAM	50	0	21.72	21.82	21.77	23	2
20	16QAM	50	24	21.68	21.74	21.74		
20	16QAM	50	50	21.62	21.69	21.67		
20	16QAM	100	0	21.67	21.66	21.62		
20	64QAM	1	0	21.80	21.91	21.86	23	2
20	64QAM	1	49	21.88	21.90	21.80		
20	64QAM	1	99	21.73	21.82	21.86		
20	64QAM	50	0	20.72	20.73	20.78	22	3
20	64QAM	50	24	20.68	20.81	20.69		
20	64QAM	50	50	20.67	20.71	20.67		
20	64QAM	100	0	20.71	20.74	20.68		
20	256QAM	1	0	18.84	18.80	18.88	20	5
20	256QAM	1	49	18.65	18.74	18.81		
20	256QAM	1	99	18.69	18.66	18.73		
20	256QAM	50	0	18.74	18.61	18.81	20	5
20	256QAM	50	24	18.61	18.58	18.75		
20	256QAM	50	50	18.54	18.63	18.56		
20	256QAM	100	0	18.54	18.55	18.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.35	23.63	23.66	25	0
15	QPSK	1	37	23.31	23.48	23.62		
15	QPSK	1	74	23.18	23.55	23.64		
15	QPSK	36	0	22.36	22.72	22.62	24	1
15	QPSK	36	20	22.35	22.66	22.52		
15	QPSK	36	39	22.37	22.54	22.69		
15	QPSK	75	0	22.55	22.63	22.55		
15	16QAM	1	0	22.68	22.88	22.77	24	1
15	16QAM	1	37	22.76	22.86	22.78		
15	16QAM	1	74	22.73	22.66	22.82		
15	16QAM	36	0	21.63	21.74	21.63	23	2
15	16QAM	36	20	21.61	21.58	21.64		
15	16QAM	36	39	21.46	21.61	21.60		
15	16QAM	75	0	21.62	21.61	21.49		
15	64QAM	1	0	21.68	21.77	21.76	23	2
15	64QAM	1	37	21.82	21.85	21.74		
15	64QAM	1	74	21.58	21.71	21.74		
15	64QAM	36	0	20.66	20.67	20.64	22	3
15	64QAM	36	20	20.60	20.69	20.55		
15	64QAM	36	39	20.58	20.61	20.53		
15	64QAM	75	0	20.65	20.61	20.62		
15	256QAM	1	0	18.68	18.71	18.77	20	5
15	256QAM	1	37	18.51	18.61	18.68		
15	256QAM	1	74	18.63	18.59	18.59		
15	256QAM	36	0	18.69	18.56	18.47	20	5
15	256QAM	36	20	18.45	18.49	18.63		
15	256QAM	36	39	18.49	18.52	18.46		
15	256QAM	75	0	18.43	18.40	18.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.37	23.68	23.60	25	0
10	QPSK	1	25	23.38	23.40	23.62		
10	QPSK	1	49	23.17	23.56	23.64		
10	QPSK	25	0	22.29	22.77	22.66	24	1
10	QPSK	25	12	22.36	22.73	22.52		
10	QPSK	25	25	22.33	22.59	22.58		
10	QPSK	50	0	22.46	22.62	22.57		
10	16QAM	1	0	22.77	22.96	22.77	24	1
10	16QAM	1	25	22.68	22.88	22.71		
10	16QAM	1	49	22.64	22.66	22.74		
10	16QAM	25	0	21.59	21.72	21.65	23	2
10	16QAM	25	12	21.52	21.60	21.63		
10	16QAM	25	25	21.56	21.64	21.55		
10	16QAM	50	0	21.54	21.60	21.55		
10	64QAM	1	0	21.72	21.76	21.72	23	2
10	64QAM	1	25	21.79	21.79	21.70		
10	64QAM	1	49	21.67	21.71	21.70		
10	64QAM	25	0	20.57	20.58	20.66	22	3
10	64QAM	25	12	20.58	20.70	20.63		
10	64QAM	25	25	20.62	20.59	20.58		
10	64QAM	50	0	20.65	20.58	20.57		
10	256QAM	1	0	18.72	18.69	18.83	20	5
10	256QAM	1	25	18.60	18.60	18.65		
10	256QAM	1	49	18.63	18.58	18.64		
10	256QAM	25	0	18.63	18.54	18.45	20	5
10	256QAM	25	12	18.56	18.45	18.63		
10	256QAM	25	25	18.46	18.51	18.42		
10	256QAM	50	0	18.48	18.48	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.28	23.63	23.60	25	0
5	QPSK	1	12	23.32	23.50	23.61		
5	QPSK	1	24	23.19	23.46	23.62		
5	QPSK	12	0	22.32	22.74	22.72	24	1
5	QPSK	12	7	22.39	22.66	22.56		
5	QPSK	12	13	22.32	22.52	22.59		
5	QPSK	25	0	22.45	22.71	22.50		
5	16QAM	1	0	22.78	22.92	22.85	24	1
5	16QAM	1	12	22.72	22.77	22.70		
5	16QAM	1	24	22.66	22.65	22.81		
5	16QAM	12	0	21.66	21.67	21.65	23	2
5	16QAM	12	7	21.52	21.64	21.61		
5	16QAM	12	13	21.51	21.58	21.55		
5	16QAM	25	0	21.51	21.52	21.52		
5	64QAM	1	0	21.72	21.75	21.72	23	2
5	64QAM	1	12	21.74	21.75	21.68		
5	64QAM	1	24	21.62	21.66	21.74		
5	64QAM	12	0	20.67	20.67	20.62	22	3
5	64QAM	12	7	20.59	20.74	20.58		
5	64QAM	12	13	20.60	20.62	20.62		
5	64QAM	25	0	20.55	20.61	20.58		
5	256QAM	1	0	18.66	18.72	18.80	20	5
5	256QAM	1	12	18.59	18.62	18.65		
5	256QAM	1	24	18.64	18.57	18.64		
5	256QAM	12	0	18.69	18.47	18.47	20	5
5	256QAM	12	7	18.45	18.53	18.59		
5	256QAM	12	13	18.43	18.57	18.48		
5	256QAM	25	0	18.49	18.44	18.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.29	23.63	23.64	25	0
3	QPSK	1	8	23.33	23.42	23.63		
3	QPSK	1	14	23.13	23.56	23.70		
3	QPSK	8	0	22.36	22.75	22.65	24	1
3	QPSK	8	4	22.35	22.68	22.57		
3	QPSK	8	7	22.27	22.61	22.61		
3	QPSK	15	0	22.55	22.66	22.52		
3	16QAM	1	0	22.68	22.98	22.79	24	1
3	16QAM	1	8	22.73	22.80	22.74		
3	16QAM	1	14	22.62	22.72	22.84		
3	16QAM	8	0	21.58	21.77	21.63	23	2
3	16QAM	8	4	21.61	21.66	21.61		
3	16QAM	8	7	21.55	21.63	21.56		
3	16QAM	15	0	21.54	21.52	21.56		
3	64QAM	1	0	21.77	21.77	21.74	23	2
3	64QAM	1	8	21.77	21.81	21.66		
3	64QAM	1	14	21.59	21.73	21.81		
3	64QAM	8	0	20.60	20.58	20.72	22	3
3	64QAM	8	4	20.52	20.76	20.57		
3	64QAM	8	7	20.62	20.64	20.51		
3	64QAM	15	0	20.56	20.67	20.55		
3	256QAM	1	0	18.68	18.72	18.76	20	5
3	256QAM	1	8	18.56	18.64	18.74		
3	256QAM	1	14	18.59	18.57	18.68		
3	256QAM	8	0	18.62	18.50	18.55	20	5
3	256QAM	8	4	18.54	18.49	18.61		
3	256QAM	8	7	18.45	18.50	18.45		
3	256QAM	15	0	18.47	18.47	18.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.28	23.64	23.58	25	0
1.4	QPSK	1	3	23.30	23.42	23.58		
1.4	QPSK	1	5	23.16	23.51	23.72		
1.4	QPSK	3	0	23.34	23.69	23.55		
1.4	QPSK	3	1	23.32	23.45	23.64		
1.4	QPSK	3	3	23.20	23.53	23.65		
1.4	QPSK	6	0	22.54	22.65	22.53	24	1
1.4	16QAM	1	0	22.77	22.96	22.76	24	1
1.4	16QAM	1	3	22.73	22.85	22.79		
1.4	16QAM	1	5	22.64	22.65	22.84		
1.4	16QAM	3	0	22.29	22.73	22.67		
1.4	16QAM	3	1	22.39	22.72	22.55		
1.4	16QAM	3	3	22.27	22.60	22.66	23	2
1.4	16QAM	6	0	21.53	21.53	21.53		
1.4	64QAM	1	0	21.75	21.94	21.72	23	2
1.4	64QAM	1	3	21.82	21.74	21.67		
1.4	64QAM	1	5	21.68	21.72	21.80		
1.4	64QAM	3	0	21.58	21.70	21.66		
1.4	64QAM	3	1	21.59	21.64	21.62		
1.4	64QAM	3	3	21.51	21.53	21.52		
1.4	64QAM	6	0	20.65	20.66	20.60	22	3
1.4	256QAM	1	0	18.74	18.68	18.72	20	5
1.4	256QAM	1	3	18.52	18.64	18.67		
1.4	256QAM	1	5	18.53	18.60	18.61		
1.4	256QAM	3	0	18.58	18.51	18.52		
1.4	256QAM	3	1	18.46	18.52	18.69		
1.4	256QAM	3	3	18.44	18.55	18.46		
1.4	256QAM	6	0	18.44	18.49	18.59	20	5

Band 2_Ant 5_Other PA

BW [MHz]	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	24.35	24.36	24.32	25.5	0
20	QPSK	1	49	24.34	24.25	24.20		
20	QPSK	1	99	24.25	24.25	24.25		
20	QPSK	50	0	23.39	23.43	23.34	24.5	1
20	QPSK	50	24	23.27	23.34	23.28		
20	QPSK	50	50	23.33	23.22	23.20		
20	QPSK	100	0	23.25	23.33	23.20		
20	16QAM	1	0	23.52	23.54	23.47	24.5	1
20	16QAM	1	49	23.51	23.52	23.43		
20	16QAM	1	99	23.53	23.37	23.44		
20	16QAM	50	0	22.32	22.32	22.22	23.5	2
20	16QAM	50	24	22.38	22.31	22.18		
20	16QAM	50	50	22.30	22.18	22.22		
20	16QAM	100	0	22.40	22.28	22.20

Band 2_Ant 3_Other PA

BW [MHz]	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)				1880	1900			
20	QPSK	1	0	23.36	23.49	23.33	25	0
20	QPSK	1	49	23.11	23.17	23.07		
20	QPSK	1	99	23.15	23.12	23.03		
20	QPSK	50	0	23.03	22.93	22.75	24	1
20	QPSK	50	24	22.22	22.19	22.13		
20	QPSK	50	50	22.20	22.09	22.10		
20	QPSK	100	0	22.17	22.23	22.07		
20	16QAM	1	0	22.22	22.36	22.28	24	1
20	16QAM	1	49	22.39	22.36	22.25		
20	16QAM	1	99	22.41	22.22	22.14		
20	16QAM	50	0	21.27	21.15	21.09	23	2
20	16QAM	50	24	21.21	21.15	21.02		
20	16QAM	50	50	21.21	21.12	21.04		
20	16QAM	100	0	21.17	21.13	21.00		
20	64QAM	1	0	21.22	21.34	21.27	23	2
20	64QAM	1	49	21.31	21.25	21.24		
20	64QAM	1	99	21.31	21.17	21.12		
20	64QAM	50	0	20.19	20.20	20.09	22	3
20	64QAM	50	24	20.16	20.11	20.13		
20	64QAM	50	50	20.23	20.09	20.08		
20	64QAM	100	0	20.21	20.18	20.07		
20	256QAM	1	0	18.14	18.20	18.27	20	5
20	256QAM	1	49	18.16	18.10	18.24		
20	256QAM	1	99	18.24	18.20	18.22		
20	256QAM	50	0	18.18	18.03	18.19	20	5
20	256QAM	50	24	18.04	18.02	18.05		
20	256QAM	50	50	18.10	18.10	18.08		
20	256QAM	100	0	18.05	18.02	18.06		
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.14	23.19	23.18	25	0
15	QPSK	1	37	23.11	23.23	23.10		
15	QPSK	1	74	23.17	23.13	23.14		
15	QPSK	36	0	22.24	22.32	22.14	24	1
15	QPSK	36	20	22.20	22.17	22.14		
15	QPSK	36	39	22.16	22.14	22.09		
15	QPSK	75	0	22.18	22.22	22.09		
15	16QAM	1	0	22.25	22.42	22.33	24	1
15	16QAM	1	37	22.39	22.39	22.31		
15	16QAM	1	74	22.49	22.24	22.20		
15	16QAM	36	0	21.23	21.23	21.16	23	2
15	16QAM	36	20	21.22	21.24	21.11		
15	16QAM	36	39	21.17	21.16	21.11		
15	16QAM	75	0	21.24	21.18	21.08		
15	64QAM	1	0	21.25	21.45	21.28	23	2
15	64QAM	1	37	21.35	21.29	21.23		
15	64QAM	1	74	21.41	21.27	21.18		
15	64QAM	36	0	20.29	20.18	20.14	22	3
15	64QAM	36	20	20.27	20.24	20.15		
15	64QAM	36	39	20.25	20.15	20.07		
15	64QAM	75	0	20.26	20.20	20.14		
15	256QAM	1	0	18.24	18.34	18.41	20	5
15	256QAM	1	37	18.34	18.34	18.38		
15	256QAM	1	74	18.38	18.28	18.28		
15	256QAM	36	0	18.31	18.20	18.20	20	5
15	256QAM	36	20	18.11	18.24	18.14		
15	256QAM	36	39	18.12	18.21	18.25		
15	256QAM	75	0	18.16	18.20	18.12		
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.13	23.23	23.11	25	0
10	QPSK	1	25	23.19	23.15	23.05		
10	QPSK	1	49	23.13	23.18	23.07		
10	QPSK	25	0	22.23	22.27	22.13	24	1
10	QPSK	25	12	22.25	22.16	22.13		
10	QPSK	25	25	22.20	22.11	22.14		
10	QPSK	50	0	22.22	22.23	22.09		
10	16QAM	1	0	22.32	22.42	22.35	24	1
10	16QAM	1	25	22.41	22.34	22.28		
10	16QAM	1	49	22.49	22.25	22.18		
10	16QAM	25	0	21.22	21.22	21.15	23	2
10	16QAM	25	12	21.27	21.20	21.08		
10	16QAM	25	25	21.20	21.13	21.07		
10	16QAM	50	0	21.24	21.15	21.12		
10	64QAM	1	0	21.28	21.44	21.30	23	2
10	64QAM	1	25	21.38	21.24	21.23		
10	64QAM	1	49	21.32	21.27	21.22		
10	64QAM	25	0	20.22	20.21	20.19	22	3
10	64QAM	25	12	20.22	20.24	20.11		
10	64QAM	25	25	20.23	20.13	20.09		
10	64QAM	50	0	20.23	20.12	20.15		
10	256QAM	1	0	18.27	18.29	18.33	20	5
10	256QAM	1	25	18.25	18.29	18.36		
10	256QAM	1	49	18.28	18.24	18.27		
10	256QAM	25	0	18.17	18.13	18.17	20	5
10	256QAM	25	12	18.13	18.12	18.10		
10	256QAM	25	25	18.11	18.20	18.22		
10	256QAM	50	0	18.21	18.06	18.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.18	23.18	23.11	25	0
5	QPSK	1	12	23.16	23.22	23.11		
5	QPSK	1	24	23.19	23.16	23.14		
5	QPSK	12	0	22.27	22.26	22.17	24	1
5	QPSK	12	7	22.26	22.17	22.15		
5	QPSK	12	13	22.24	22.12	22.08		
5	QPSK	25	0	22.21	22.25	22.15		
5	16QAM	1	0	22.26	22.40	22.35	24	1
5	16QAM	1	12	22.38	22.31	22.33		
5	16QAM	1	24	22.41	22.26	22.21		
5	16QAM	12	0	21.24	21.23	21.18	23	2
5	16QAM	12	7	21.25	21.20	21.07		
5	16QAM	12	13	21.23	21.15	21.13		
5	16QAM	25	0	21.26	21.14	21.06		
5	64QAM	1	0	21.24	21.42	21.33	23	2
5	64QAM	1	12	21.37	21.22	21.28		
5	64QAM	1	24	21.34	21.25	21.19		
5	64QAM	12	0	20.22	20.16	20.18	22	3
5	64QAM	12	7	20.29	20.18	20.10		
5	64QAM	12	13	20.18	20.13	20.11		
5	64QAM	25	0	20.23	20.20	20.09		
5	256QAM	1	0	18.26	18.28	18.32	20	5
5	256QAM	1	12	18.39	18.20	18.25		
5	256QAM	1	24	18.27	18.26	18.38		
5	256QAM	12	0	18.30	18.21	18.28	20	5
5	256QAM	12	7	18.19	18.15	18.10		
5	256QAM	12	13	18.09	18.19	18.28		
5	256QAM	25	0	18.16	18.13	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.25	23.15	25	0
3	QPSK	1	8	23.17	23.18	23.10		
3	QPSK	1	14	23.16	23.13	23.12		
3	QPSK	8	0	22.22	22.26	22.12	24	1
3	QPSK	8	4	22.25	22.21	22.09		
3	QPSK	8	7	22.25	22.16	22.08		
3	QPSK	15	0	22.21	22.28	22.16		
3	16QAM	1	0	22.30	22.46	22.35	24	1
3	16QAM	1	8	22.37	22.40	22.36		
3	16QAM	1	14	22.49	22.18	22.18		
3	16QAM	8	0	21.22	21.21	21.14	23	2
3	16QAM	8	4	21.21	21.21	21.06		
3	16QAM	8	7	21.20	21.11	21.12		
3	16QAM	15	0	21.23	21.17	21.10		
3	64QAM	1	0	21.27	21.42	21.33	23	2
3	64QAM	1	8	21.29	21.26	21.28		
3	64QAM	1	14	21.35	21.28	21.18		
3	64QAM	8	0	20.22	20.19	20.16	22	3
3	64QAM	8	4	20.21	20.25	20.10		
3	64QAM	8	7	20.21	20.11	20.09		
3	64QAM	15	0	20.22	20.13	20.12		
3	256QAM	1	0	18.26	18.31	18.28	20	5
3	256QAM	1	8	18.26	18.33	18.28		
3	256QAM	1	14	18.34	18.28	18.31		
3	256QAM	8	0	18.24	18.16	18.26	20	5
3	256QAM	8	4	18.17	18.23	18.11		
3	256QAM	8	7	18.13	18.22	18.13		
3	256QAM	15	0	18.17	18.16	18.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.18	23.14	25	0
1.4	QPSK	1	3	23.18	23.19	23.13		
1.4	QPSK	1	5	23.19	23.14	23.07		
1.4	QPSK	3	0	23.18	23.21	23.10	24	1
1.4	QPSK	3	1	23.13	23.15	23.10		
1.4	QPSK	3	3	23.14	23.18	23.12		
1.4	QPSK	6	0	22.24	22.29	22.13		
1.4	16QAM	1	0	22.28	22.20	22.15	24	1
1.4	16QAM	1	3	22.20	22.08	22.12		
1.4	16QAM	1	5	22.21	22.24	22.09		
1.4	16QAM	3	0	22.31	22.41	22.34		
1.4	16QAM	3	1	22.34	22.34	22.36		
1.4	16QAM	3	3	22.48	22.19	22.19		
1.4	16QAM	6	0	21.27	21.25	21.12	23	2
1.4	64QAM	1	0	21.31	21.47	21.06	23	2
1.4	64QAM	1	3	21.18	21.16	21.06		
1.4	64QAM	1	5	21.19	21.14	21.05		
1.4	64QAM	3	0	21.31	21.41	21.28		
1.4	64QAM	3	1	21.34	21.25	21.26		
1.4	64QAM	3	3	21.35	21.31	21.15		
1.4	64QAM	6	0	20.31	20.21	20.14	22	3
1.4	256QAM	1	0	18.32	18.34	18.43	20	5
1.4	256QAM	1	3	18.24	18.25	18.30		
1.4	256QAM	1	5	18.28	18.21	18.36		
1.4	256QAM	3	0	18.21	18.14	18.20		
1.4	256QAM	3	1	18.17	18.21	18.19		
1.4	256QAM	3	3	18.16	18.18	18.26		
1.4	256QAM	6	0	18.16	18.09	18.04	20	5

Band 4_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.13	23.14	23.03	24	0
20	QPSK	1	49	23.11	23.03	22.99		
20	QPSK	1	99	22.98	22.97	22.87		
20	QPSK	50	0	22.05	22.08	21.96	23	1
20	QPSK	50	24	22.02	21.96	21.92		
20	QPSK	50	50	21.99	21.96	21.89		
20	QPSK	100	0	22.03	22.05	21.93		
20	16QAM	1	0	22.34	22.31	22.28	23	1
20	16QAM	1	49	22.28	22.21	22.18		
20	16QAM	1	99	22.19	22.13	22.06		
20	16QAM	50	0	21.03	21.00	20.97	22	2
20	16QAM	50	24	21.01	20.97	20.91		
20	16QAM	50	50	20.97	20.95	20.88		
20	16QAM	100	0	21.01	20.95	20.91		
20	64QAM	1	0	21.21	21.21	21.22	22	2
20	64QAM	1	49	21.16	21.13	21.11		
20	64QAM	1	99	21.06	21.05	20.99		
20	64QAM	50	0	20.07	20.00	19.97	21	3
20	64QAM	50	24	20.03	19.98	19.95		
20	64QAM	50	50	19.97	19.97	19.89		
20	64QAM	100	0	20.02	19.98	19.93		
20	256QAM	1	0	18.11	18.06	17.98	19	5
20	256QAM	1	49	18.02	18.00	18.02		
20	256QAM	1	99	18.08	18.03	17.99		
20	256QAM	50	0	17.95	17.87	17.86	19	5
20	256QAM	50	24	17.84	17.91	17.93		
20	256QAM	50	50	17.94	17.95	17.93		
20	256QAM	100	0	17.90	17.92	17.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.07	22.98	24	0
15	QPSK	1	37	23.01	22.93	22.92		
15	QPSK	1	74	22.95	22.88	22.78		
15	QPSK	36	0	21.98	22.06	21.92	23	1
15	QPSK	36	20	22.00	21.89	21.86		
15	QPSK	36	39	21.89	21.88	21.87		
15	QPSK	75	0	21.98	21.95	21.83		
15	16QAM	1	0	22.38	22.23	22.17	23	1
15	16QAM	1	37	22.19	22.18	22.11		
15	16QAM	1	74	22.16	22.02	22.00		
15	16QAM	36	0	20.92	20.93	20.92	22	2
15	16QAM	36	20	20.90	20.91	20.84		
15	16QAM	36	39	20.94	20.89	20.80		
15	16QAM	75	0	20.93	20.85	20.88		
15	64QAM	1	0	21.11	21.12	21.19	22	2
15	64QAM	1	37	21.14	21.08	21.03		
15	64QAM	1	74	20.97	21.01	20.91		
15	64QAM	36	0	20.01	19.93	19.86	21	3
15	64QAM	36	20	19.98	19.87	19.91		
15	64QAM	36	39	19.88	19.95	19.79		
15	64QAM	75	0	19.97	19.97	19.87		
15	256QAM	1	0	18.09	17.98	17.90	19	5
15	256QAM	1	37	17.95	17.94	18.08		
15	256QAM	1	74	18.02	18.05	17.94		
15	256QAM	36	0	17.92	17.93	17.84	19	5
15	256QAM	36	20	17.90	17.96	17.95		
15	256QAM	36	39	17.89	18.02	17.97		
15	256QAM	75	0	17.85	18.02	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.07	23.12	22.96	24	0
10	QPSK	1	25	23.03	22.97	22.93		
10	QPSK	1	49	22.96	22.91	22.78		
10	QPSK	25	0	22.03	22.06	21.89	23	1
10	QPSK	25	12	21.93	21.85	21.83		
10	QPSK	25	25	21.90	21.90	21.83		
10	QPSK	50	0	22.01	22.00	21.89		
10	16QAM	1	0	22.32	22.24	22.23	23	1
10	16QAM	1	25	22.20	22.18	22.15		
10	16QAM	1	49	22.14	22.08	22.03		
10	16QAM	25	0	20.98	20.89	20.95	22	2
10	16QAM	25	12	20.91	20.95	20.88		
10	16QAM	25	25	20.89	20.92	20.83		
10	16QAM	50	0	20.96	20.86	20.80		
10	64QAM	1	0	21.13	21.16	21.17	22	2
10	64QAM	1	25	21.06	21.09	21.00		
10	64QAM	1	49	20.95	21.03	20.88		
10	64QAM	25	0	19.97	19.93	19.87	21	3
10	64QAM	25	12	19.95	19.96	19.89		
10	64QAM	25	25	19.89	19.95	19.85		
10	64QAM	50	0	19.93	19.95	19.90		
10	256QAM	1	0	18.09	18.08	17.94	19	5
10	256QAM	1	25	18.06	18.07	18.04		
10	256QAM	1	49	18.06	17.98	17.98		
10	256QAM	25	0	18.03	17.97	17.89	19	5
10	256QAM	25	12	17.79	17.92	17.89		
10	256QAM	25	25	17.95	18.02	17.89		
10	256QAM	50	0	17.87	18.03	17.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.03	23.13	22.98	24	0
5	QPSK	1	12	23.08	22.98	22.93		
5	QPSK	1	24	22.89	22.87	22.80		
5	QPSK	12	0	21.95	22.06	21.94	23	1
5	QPSK	12	7	21.92	21.94	21.88		
5	QPSK	12	13	21.95	21.91	21.78		
5	QPSK	25	0	22.01	22.00	21.90		
5	16QAM	1	0	22.25	22.24	22.17	23	1
5	16QAM	1	12	22.25	22.16	22.13		
5	16QAM	1	24	22.14	22.05	22.00		
5	16QAM	12	0	20.97	20.93	20.94	22	2
5	16QAM	12	7	20.93	20.89	20.81		
5	16QAM	12	13	20.87	20.88	20.82		
5	16QAM	25	0	20.94	20.92	20.80		
5	64QAM	1	0	21.17	21.17	21.09	22	2
5	64QAM	1	12	21.06	21.03	21.03		
5	64QAM	1	24	21.04	21.03	20.92		
5	64QAM	12	0	20.03	19.93	19.89	21	3
5	64QAM	12	7	19.94	19.95	19.86		
5	64QAM	12	13	19.91	19.86	19.79		
5	64QAM	25	0	19.91	19.95	19.84		
5	256QAM	1	0	18.04	17.96	17.95	19	5
5	256QAM	1	12	17.94	17.94	17.95		
5	256QAM	1	24	18.10	17.99	17.92		
5	256QAM	12	0	17.98	17.87	17.85	19	5
5	256QAM	12	7	17.83	17.91	17.90		
5	256QAM	12	13	18.01	17.90	17.99		
5	256QAM	25	0	17.87	17.91	17.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.08	23.07	22.98	24	0
3	QPSK	1	8	23.00	22.95	22.97		
3	QPSK	1	14	22.87	22.94	22.85		
3	QPSK	8	0	21.94	22.00	21.91	23	1
3	QPSK	8	4	21.99	21.91	21.87		
3	QPSK	8	7	21.96	21.86	21.83		
3	QPSK	15	0	22.02	22.02	21.88		
3	16QAM	1	0	22.29	22.20	22.26	23	1
3	16QAM	1	8	22.25	22.15	22.09		
3	16QAM	1	14	22.11	22.11	22.02		
3	16QAM	8	0	20.92	20.92	20.93	22	2
3	16QAM	8	4	20.98	20.89	20.84		
3	16QAM	8	7	20.94	20.89	20.86		
3	16QAM	15	0	20.97	20.85	20.88		
3	64QAM	1	0	21.18	21.17	21.14	22	2
3	64QAM	1	8	21.05	21.06	21.07		
3	64QAM	1	14	21.01	21.03	20.92		
3	64QAM	8	0	20.05	19.89	19.91	21	3
3	64QAM	8	4	20.00	19.91	19.94		
3	64QAM	8	7	19.90	19.87	19.81		
3	64QAM	15	0	19.93	19.93	19.90		
3	256QAM	1	0	18.12	18.12	18.00	19	5
3	256QAM	1	8	17.99	18.04	18.09		
3	256QAM	1	14	18.00	18.01	17.98		
3	256QAM	8	0	18.01	17.94	17.93	19	5
3	256QAM	8	4	17.83	17.89	17.90		
3	256QAM	8	7	17.97	17.96	17.95		
3	256QAM	15	0	17.91	17.91	17.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.87	22.78	22.68	24	0
1.4	QPSK	1	3	22.81	22.74	22.68		
1.4	QPSK	1	5	22.86	22.76	22.71		
1.4	QPSK	3	0	22.75	22.66	22.66	23	1
1.4	QPSK	3	1	22.75	22.66	22.63		
1.4	QPSK	3	3	22.81	22.66	22.65		
1.4	QPSK	6	0	21.99	22.06	21.85		
1.4	16QAM	1	0	21.98	21.85	21.82	23	1
1.4	16QAM	1	3	21.94	21.92	21.79		
1.4	16QAM	1	5	21.92	22.01	21.87		
1.4	16QAM	3	0	22.25	22.27	22.01		
1.4	16QAM	3	1	22.22	22.10	22.16		
1.4	16QAM	3	3	22.12	22.09	22.00		
1.4	16QAM	6	0	20.93	20.91	20.91	22	2
1.4	64QAM	1	0	20.99	20.95	20.81	22	2
1.4	64QAM	1	3	20.92	20.91	20.80		
1.4	64QAM	1	5	20.96	20.92	20.82		
1.4	64QAM	3	0	21.14	21.11	21.18		
1.4	64QAM	3	1	21.06	21.06	21.17		
1.4	64QAM	3	3	20.96	20.97	20.88		
1.4	64QAM	6	0	19.93	19.96	19.84	21	3
1.4	256QAM	1	0	18.18	18.01	17.90	19	5
1.4	256QAM	1	3	17.98	18.05	18.10		
1.4	256QAM	1	5	18.06	18.00	17.93		
1.4	256QAM	3	0	17.92	17.86	17.84		
1.4	256QAM	3	1	17.83	17.83	17.99		
1.4	256QAM	3	3	17.94	17.99	18.01		
1.4	256QAM	6	0	17.94	17.85	18.02	19	5

Band 4_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	23.95	23.88	25	0
20	QPSK	1	49	23.87	23.83	23.78		
20	QPSK	1	99	23.82	23.74	23.71		
20	QPSK	50	0	22.83	22.85	22.84	24	1
20	QPSK	50	24	22.73	22.83	22.82		
20	QPSK	50	50	22.72	22.78	22.78		
20	QPSK	100	0	22.80	22.82	22.79		
20	16QAM	1	0	23.05	23.09	23.16	24	1
20	16QAM	1	49	23.03	23.03	23.08		
20	16QAM	1	99	23.06	23.02	22.90		
20	16QAM	50	0	21.80	21.85	21.85	23	2
20	16QAM	50	24	21.73	21.79	21.80		
20	16QAM	50	50	21.83	21.82	21.79		
20	16QAM	100	0	21.78	21.82	21.83		
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Band 4_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.93	24.01	23.89	25	0
20	QPSK	1	49	23.86	23.90	23.79		
20	QPSK	1	99	23.90	23.84	23.74		
20	QPSK	50	0	22.93	22.97	22.87	24	1
20	QPSK	50	24	22.90	22.84	22.80		
20	QPSK	50	50	22.85	22.83	22.80		
20	QPSK	100	0	22.85	22.95	22.85		
20	16QAM	1	0	23.20	23.22	23.12		
20	16QAM	1	49	23.18	23.02	23.00	24	1
20	16QAM	1	99	23.00	23.07	22.89		
20	16QAM	50	0	21.86	21.97	21.78	23	2
20	16QAM	50	24	21.88	21.86	21.73		
20	16QAM	50	50	21.86	21.78	21.80		
20	16QAM	100	0	21.89	21.81	21.73		
20	64QAM	1	0	22.21	22.05	22.07	23	2
20	64QAM	1	49	22.02	21.97	21.90		
20	64QAM	1	99	21.97	21.95	21.79		
20	64QAM	50	0	20.96	20.91	20.89	22	3
20	64QAM	50	24	20.88	20.80	20.75		
20	64QAM	50	50	20.83	20.81	20.75		
20	64QAM	100	0	20.94	20.91	20.75		
20	256QAM	1	0	18.87	18.97	19.06	20	5
20	256QAM	1	49	18.83	18.95	18.83		
20	256QAM	1	99	18.96	18.91	18.91		
20	256QAM	50	0	18.86	18.86	18.81	20	5
20	256QAM	50	24	18.92	18.85	18.94		
20	256QAM	50	50	18.83	18.90	18.77		
20	256QAM	100	0	18.80	18.77	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.84	23.92	23.76	25	0
15	QPSK	1	37	23.74	23.77	23.71		
15	QPSK	1	74	23.85	23.70	23.67		
15	QPSK	36	0	22.82	22.90	22.73	24	1
15	QPSK	36	20	22.81	22.74	22.72		
15	QPSK	36	39	22.70	22.73	22.69		
15	QPSK	75	0	22.76	22.87	22.73		
15	16QAM	1	0	23.20	23.11	22.98	24	1
15	16QAM	1	37	23.12	22.91	22.86		
15	16QAM	1	74	22.87	22.96	22.84		
15	16QAM	36	0	21.78	21.84	21.71	23	2
15	16QAM	36	20	21.81	21.72	21.60		
15	16QAM	36	39	21.80	21.73	21.65		
15	16QAM	75	0	21.74	21.69	21.65		
15	64QAM	1	0	22.11	21.89	21.95	23	2
15	64QAM	1	37	21.91	21.90	21.78		
15	64QAM	1	74	21.91	21.83	21.64		
15	64QAM	36	0	20.91	20.80	20.82	22	3
15	64QAM	36	20	20.73	20.65	20.60		
15	64QAM	36	39	20.70	20.71	20.68		
15	64QAM	75	0	20.86	20.76	20.66		
15	256QAM	1	0	18.79	18.91	19.01	20	5
15	256QAM	1	37	18.74	18.81	18.75		
15	256QAM	1	74	18.81	18.81	18.82		
15	256QAM	36	0	18.79	18.77	18.71	20	5
15	256QAM	36	20	18.81	18.79	18.87		
15	256QAM	36	39	18.73	18.79	18.69		
15	256QAM	75	0	18.72	18.68	18.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.80	23.85	23.77	25	0
10	QPSK	1	25	23.78	23.83	23.74		
10	QPSK	1	49	23.79	23.74	23.64		
10	QPSK	25	0	22.87	22.83	22.72	24	1
10	QPSK	25	12	22.78	22.69	22.73		
10	QPSK	25	25	22.76	22.76	22.73		
10	QPSK	50	0	22.75	22.88	22.77		
10	16QAM	1	0	23.08	23.00	23.00	24	1
10	16QAM	1	25	23.05	22.86	22.91		
10	16QAM	1	49	22.87	23.01	22.80		
10	16QAM	25	0	21.72	21.88	21.67	23	2
10	16QAM	25	12	21.83	21.70	21.67		
10	16QAM	25	25	21.78	21.70	21.73		
10	16QAM	50	0	21.80	21.72	21.59		
10	64QAM	1	0	22.15	21.97	21.95	23	2
10	64QAM	1	25	21.89	21.91	21.74		
10	64QAM	1	49	21.84	21.88	21.69		
10	64QAM	25	0	20.81	20.82	20.78	22	3
10	64QAM	25	12	20.83	20.75	20.60		
10	64QAM	25	25	20.87	20.74	20.67		
10	64QAM	50	0	20.86	20.66	20.64		
10	256QAM	1	0	18.74	18.85	18.99	20	5
10	256QAM	1	25	18.72	18.85	18.73		
10	256QAM	1	49	18.77	18.75	18.76		
10	256QAM	25	0	18.78	18.76	18.76		
10	256QAM	25	12	18.86	18.76	18.89		
10	256QAM	25	25	18.78	18.75	18.70		
10	256QAM	50	0	18.74	18.67	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.78	23.91	23.82	25	0
5	QPSK	1	12	23.79	23.82	23.65		
5	QPSK	1	24	23.80	23.69	23.59		
5	QPSK	12	0	22.99	22.86	22.75	24	1
5	QPSK	12	7	22.84	22.76	22.70		
5	QPSK	12	13	22.78	22.76	22.71		
5	QPSK	25	0	22.82	22.89	22.80		
5	16QAM	1	0	23.14	23.16	23.03	24	1
5	16QAM	1	12	23.05	22.86	22.89		
5	16QAM	1	24	22.88	22.92	22.77		
5	16QAM	12	0	21.78	21.86	21.72	23	2
5	16QAM	12	7	21.82	21.72	21.64		
5	16QAM	12	13	21.77	21.67	21.72		
5	16QAM	25	0	21.79	21.69	21.63		
5	64QAM	1	0	22.12	21.94	21.98	23	2
5	64QAM	1	12	21.95	21.87	21.80		
5	64QAM	1	24	21.90	21.79	21.72		
5	64QAM	12	0	20.83	20.79	20.82	22	3
5	64QAM	12	7	20.83	20.66	20.68		
5	64QAM	12	13	20.69	20.73	20.69		
5	64QAM	25	0	20.80	20.66	20.64		
5	256QAM	1	0	18.78	18.86	18.99	20	5
5	256QAM	1	12	18.67	18.89	18.72		
5	256QAM	1	24	18.87	18.78	18.77		
5	256QAM	12	0	18.80	18.70	18.72		
5	256QAM	12	7	18.86	18.74	18.85	20	5
5	256QAM	12	13	18.67	18.75	18.66		
5	256QAM	25	0	18.68	18.61	18.77		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.87	23.73	25	0
3	QPSK	1	8	23.77	23.79	23.74		
3	QPSK	1	14	23.82	23.77	23.64		
3	QPSK	8	0	22.87	22.85	22.78	24	1
3	QPSK	8	4	22.83	22.70	22.73		
3	QPSK	8	7	22.73	22.73	22.66		
3	QPSK	15	0	22.76	22.85	22.72		
3	16QAM	1	0	23.13	23.16	22.96	24	1
3	16QAM	1	8	23.07	22.88	22.89		
3	16QAM	1	14	22.94	22.92	22.79		
3	16QAM	8	0	21.81	21.88	21.70	23	2
3	16QAM	8	4	21.77	21.78	21.58		
3	16QAM	8	7	21.81	21.72	21.68		
3	16QAM	15	0	21.80	21.68	21.57		
3	64QAM	1	0	22.14	21.99	21.99	23	2
3	64QAM	1	8	21.88	21.81	21.79		
3	64QAM	1	14	21.89	21.83	21.73		
3	64QAM	8	0	20.91	20.86	20.84	22	3
3	64QAM	8	4	20.72	20.74	20.69		
3	64QAM	8	7	20.69	20.73	20.61		
3	64QAM	15	0	20.85	20.74	20.61		
3	256QAM	1	0	18.73	18.83	18.96	20	5
3	256QAM	1	8	18.73	18.84	18.69		
3	256QAM	1	14	18.81	18.76	18.77		
3	256QAM	8	0	18.77	18.80	18.74	20	5
3	256QAM	8	4	18.84	18.72	18.84		
3	256QAM	8	7	18.69	18.82	18.70		
3	256QAM	15	0	18.65	18.64	18.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.91	23.78	25	0
1.4	QPSK	1	3	23.72	23.83	23.70		
1.4	QPSK	1	5	23.85	23.68	23.69		
1.4	QPSK	3	0	23.80	23.95	23.76		
1.4	QPSK	3	1	23.75	23.79	23.64		
1.4	QPSK	3	3	23.81	23.78	23.58		
1.4	QPSK	6	0	22.72	22.80	22.78	24	1
1.4	16QAM	1	0	23.16	23.15	23.04	24	1
1.4	16QAM	1	3	23.12	22.91	22.88		
1.4	16QAM	1	5	22.90	22.93	22.74		
1.4	16QAM	3	0	22.91	22.90	22.79		
1.4	16QAM	3	1	22.84	22.79	22.66		
1.4	16QAM	3	3	22.69	22.72	22.75		
1.4	16QAM	6	0	21.79	21.70	21.67	23	2
1.4	64QAM	1	0	22.10	21.92	22.02	23	2
1.4	64QAM	1	3	21.97	21.90	21.84		
1.4	64QAM	1	5	21.82	21.89	21.68		
1.4	64QAM	3	0	21.79	21.85	21.62		
1.4	64QAM	3	1	21.73	21.70	21.63		
1.4	64QAM	3	3	21.71	21.65	21.64		
1.4	64QAM	6	0	20.89	20.73	20.68	22	3
1.4	256QAM	1	0	18.71	18.82	18.90	20	5
1.4	256QAM	1	3	18.70	18.80	18.71		
1.4	256QAM	1	5	18.90	18.81	18.77		
1.4	256QAM	3	0	18.74	18.72	18.65		
1.4	256QAM	3	1	18.84	18.75	18.85		
1.4	256QAM	3	3	18.77	18.78	18.64		
1.4	256QAM	6	0	18.75	18.65	18.69	20	5

Band 5_Ant 0_Other PA

BW [MHz]	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	23.79	23.80	23.70	25	0
10	QPSK	1	25	23.64	23.77	23.63		
10	QPSK	1	49	23.73	23.76	23.68		
10	QPSK	25	0	22.70	22.77	22.70	24	1
10	QPSK	25	12	22.65	22.62	22.63		
10	QPSK	25	25	22.72	22.66	22.64		
10	QPSK	50	0	22.68	22.77	22.57		
10	16QAM	1	0	22.77	22.88	22.85	24	1
10	16QAM	1	25	22.80	22.84	22.72		
10	16QAM	1	49	22.81	22.78	22.73		
10	16QAM	25	0	21.67	21.63	21.60	23	2
10	16QAM	25	12	21.61	21.65	21.63		
10	16QAM	25	25	21.67	21.65	21.58		
10	16QAM	50	0	21.65	21.62	21.65		
10	64QAM	1	0	21.77	21.76	21.80	23	2
10	64QAM	1	25	21.78	21.72	21.73		
10	64QAM	1	49	21.78	21.75	21.79		
10	64QAM	25	0	20.68	20.62	20.71	22	3
10	64QAM	25	12	20.66	20.68	20.55		
10	64QAM	25	25	20.68	20.61	20.63		
10	64QAM	50	0	20.67	20.66	20.64		
10	256QAM	1	0	18.99	19.00	18.97	20	5
10	256QAM	1	25	19.00	18.95	19.01		
10	256QAM	1	49	18.89	18.99	18.92		
10	256QAM	25	0	18.90	18.83	18.74	20	5
10	256QAM	25	12	18.92	18.81	18.86		
10	256QAM	25	25	18.83	18.88	18.80		
10	256QAM	50	0	18.82	18.82	18.86		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.55	23.59	23.64	25	0
5	QPSK	1	12	23.50	23.72	23.57		
5	QPSK	1	24	23.57	23.67	23.62		
5	QPSK	12	0	22.70	22.64	22.46	24	1
5	QPSK	12	7	22.57	22.54	22.52		
5	QPSK	12	13	22.56	22.61	22.48		
5	QPSK	25	0	22.52	22.70	22.43		
5	16QAM	1	0	22.72	22.83	22.75	24	1
5	16QAM	1	12	22.65	22.77	22.59		
5	16QAM	1	24	22.73	22.64	22.63		
5	16QAM	12	0	21.60	21.53	21.52	23	2
5	16QAM	12	7	21.55	21.57	21.53		
5	16QAM	12	13	21.54	21.58	21.53		
5	16QAM	25	0	21.54	21.46	21.54		
5	64QAM	1	0	21.64	21.60	21.72	23	2
5	64QAM	1	12	21.70	21.59	21.64		
5	64QAM	1	24	21.68	21.68	21.73		
5	64QAM	12	0	20.55	20.57	20.60	22	3
5	64QAM	12	7	20.60	20.54	20.50		
5	64QAM	12	13	20.56	20.54	20.48		
5	64QAM	25	0	20.55	20.54	20.49		
5	256QAM	1	0	18.84	18.92	18.81	20	5
5	256QAM	1	12	18.85	18.88	18.87		
5	256QAM	1	24	18.79	18.93	18.85		
5	256QAM	12	0	18.77	18.75	18.67	20	5
5	256QAM	12	7	18.84	18.68	18.71		
5	256QAM	12	13	18.73	18.80	18.66		
5	256QAM	25	0	18.69	18.69	18.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.61	23.64	23.62	25	0
3	QPSK	1	8	23.50	23.64	23.51		
3	QPSK	1	14	23.60	23.67	23.57		
3	QPSK	8	0	22.60	22.56	22.44	24	1
3	QPSK	8	4	22.56	22.53	22.54		
3	QPSK	8	7	22.57	22.60	22.58		
3	QPSK	15	0	22.55	22.63	22.41		
3	16QAM	1	0	22.65	22.83	22.76	24	1
3	16QAM	1	8	22.65	22.69	22.67		
3	16QAM	1	14	22.71	22.72	22.59		
3	16QAM	8	0	21.62	21.49	21.55	23	2
3	16QAM	8	4	21.52	21.54	21.53		
3	16QAM	8	7	21.59	21.49	21.50		
3	16QAM	15	0	21.50	21.52	21.50		
3	64QAM	1	0	21.64	21.60	21.66	23	2
3	64QAM	1	8	21.69	21.58	21.58		
3	64QAM	1	14	21.68	21.61	21.66		
3	64QAM	8	0	20.61	20.50	20.63	22	3
3	64QAM	8	4	20.61	20.60	20.49		
3	64QAM	8	7	20.60	20.51	20.56		
3	64QAM	15	0	20.56	20.53	20.56		
3	256QAM	1	0	18.88	18.91	18.82	20	5
3	256QAM	1	8	18.90	18.83	18.87		
3	256QAM	1	14	18.85	18.84	18.76		
3	256QAM	8	0	18.80	18.69	18.63	20	5
3	256QAM	8	4	18.81	18.69	18.74		
3	256QAM	8	7	18.75	18.81	18.74		
3	256QAM	15	0	18.69	18.75	18.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.60	23.61	25	0
1.4	QPSK	1	3	23.54	23.62	23.47		
1.4	QPSK	1	5	23.64	23.60	23.63		
1.4	QPSK	3	0	23.57	23.64	23.62		
1.4	QPSK	3	1	23.49	23.65	23.50		
1.4	QPSK	3	3	23.62	23.70	23.52		
1.4	QPSK	6	0	22.60	22.62	22.49	24	1
1.4	16QAM	1	0	22.61	22.83	22.79	24	1
1.4	16QAM	1	3	22.70	22.79	22.67		
1.4	16QAM	1	5	22.74	22.62	22.58		
1.4	16QAM	3	0	22.68	22.62	22.54		
1.4	16QAM	3	1	22.57	22.57	22.56		
1.4	16QAM	3	3	22.56	22.57	22.49		
1.4	16QAM	6	0	21.58	21.49	21.60	23	2
1.4	64QAM	1	0	21.72	21.70	21.70	23	2
1.4	64QAM	1	3	21.69	21.57	21.66		
1.4	64QAM	1	5	21.66	21.67	21.71		
1.4	64QAM	3	0	21.58	21.47	21.55		
1.4	64QAM	3	1	21.47	21.52	21.49		
1.4	64QAM	3	3	21.52	21.57	21.48		
1.4	64QAM	6	0	20.59	20.60	20.52	22	3
1.4	256QAM	1	0	18.88	18.86	18.88	20	5
1.4	256QAM	1	3	18.90	18.90	18.89		
1.4	256QAM	1	5	18.82	18.83	18.87		
1.4	256QAM	3	0	18.77	18.76	18.69		
1.4	256QAM	3	1	18.83	18.66	18.81		
1.4	256QAM	3	3	18.71	18.80	18.67		
1.4	256QAM	6	0	18.77	18.68	18.77	20	5

Band 5_Ant 1_Other PA

BW [MHz]	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	23.16	23.29	23.19	25	0
10	QPSK	1	25	23.13	23.21	23.12		
10	QPSK	1	49	23.15	23.17	23.08		
10	QPSK	25	0	22.18	22.20	22.07	24	1
10	QPSK	25	12	22.04	22.14	22.01		
10	QPSK	25	25	22.13	22.05	22.03		
10	QPSK	50	0	22.13	22.17	22.03		
10	16QAM	1	0	22.26	22.31	22.28	24	1
10	16QAM	1	25	22.28	22.26	22.27		
10	16QAM	1	49	22.29	22.26	22.20		
10	16QAM	25	0	21.16	21.13	21.09	23	2
10	16QAM	25	12	21.04	21.06	21.08		
10	16QAM	25	25	21.05	21.03	21.08		
10	16QAM	50	0	21.12	21.04	21.05		
10	64QAM	1	0	21.25	21.24	21.35	23	2
10	64QAM	1	25	21.22	21.23	21.19		
10	64QAM	1	49	21.23	21.27	21.09		
10	64QAM	25	0	20.17	20.12	20.04	22	3
10	64QAM	25	12	20.08	20.09	20.08		
10	64QAM	25	25	20.16	20.13	20.09		
10	64QAM	50	0	20.21	20.05	20.07		
10	256QAM	1	0	18.42	18.34	18.28	20	5
10	256QAM	1	25	18.31	18.27	18.29		
10	256QAM	1	49	18.32	18.27	18.28		
10	256QAM	25	0	18.19	18.17	18.25	20	5
10	256QAM	25	12	18.11	18.17	18.13		
10	256QAM	25	25	18.21	18.19	18.17		
10	256QAM	50	0	18.08	18.15	18.20		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.18	23.24	23.20	25	0
5	QPSK	1	12	23.18	23.25	23.17		
5	QPSK	1	24	23.18	23.17	23.08		
5	QPSK	12	0	22.13	22.24	22.10	24	1
5	QPSK	12	7	22.01	22.12	22.05		
5	QPSK	12	13	22.10	22.05	22.07		
5	QPSK	25	0	22.08	22.12	22.03		
5	16QAM	1	0	22.28	22.32	22.33	24	1
5	16QAM	1	12	22.25	22.25	22.25		
5	16QAM	1	24	22.25	22.27	22.15		
5	16QAM	12	0	21.10	21.10	21.11	23	2
5	16QAM	12	7	21.04	21.11	21.07		
5	16QAM	12	13	21.02	21.08	21.05		
5	16QAM	25	0	21.14	21.12	21.07		
5	64QAM	1	0	21.21	21.18	21.38	23	2
5	64QAM	1	12	21.26	21.19	21.24		
5	64QAM	1	24	21.20	21.22	21.11		
5	64QAM	12	0	20.15	20.06	20.02	22	3
5	64QAM	12	7	20.03	20.10	20.03		
5	64QAM	12	13	20.20	20.11	20.13		
5	64QAM	25	0	20.26	20.01	20.07		
5	256QAM	1	0	18.47	18.34	18.30	20	5
5	256QAM	1	12	18.34	18.24	18.31		
5	256QAM	1	24	18.30	18.32	18.24		
5	256QAM	12	0	18.19	18.20	18.28	20	5
5	256QAM	12	7	18.13	18.17	18.16		
5	256QAM	12	13	18.24	18.19	18.15		
5	256QAM	25	0	18.05	18.12	18.14		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.19	23.27	23.19	25	0
3	QPSK	1	8	23.08	23.16	23.16		
3	QPSK	1	14	23.11	23.22	23.13		
3	QPSK	8	0	22.22	22.14	22.08	24	1
3	QPSK	8	4	22.03	22.11	22.04		
3	QPSK	8	7	22.11	22.09	22.00		
3	QPSK	15	0	22.15	22.20	22.03		
3	16QAM	1	0	22.28	22.32	22.22	24	1
3	16QAM	1	8	22.27	22.29	22.27		
3	16QAM	1	14	22.24	22.24	22.20		
3	16QAM	8	0	21.15	21.17	21.05	23	2
3	16QAM	8	4	21.06	21.08	21.13		
3	16QAM	8	7	21.16	21.04	21.11		
3	16QAM	15	0	21.11	21.02	21.06		
3	64QAM

Band 7_Ant 2_Other PA

BW [MHz]	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	22.63	22.68	22.58	24.5	0
20	QPSK	1	49	22.55	22.54	22.57		
20	QPSK	1	99	22.61	22.58	22.56		
20	QPSK	50	0	21.63	21.60	21.58	23.5	1
20	QPSK	50	24	21.60	21.53	21.53		
20	QPSK	50	50	21.61	21.57	21.57		
20	QPSK	100	0	21.61	21.62	21.57		
20	16QAM	1	0	21.78	21.73	21.58		
20	16QAM	1	49	21.77	21.76	21.60	23.5	1
20	16QAM	1	99	21.82	21.72	21.56		
20	16QAM	50	0	20.57	20.55	20.57		
20	16QAM	50	24	20.61	20.52	20.51	22.5	2
20	16QAM	50	50	20.63	20.55	20.55		
20	16QAM	100	0	20.60	20.54	20.55		
20	64QAM	1	0	20.75	20.68	20.55		
20	64QAM	1	49	20.66	20.67	20.60	22.5	2
20	64QAM	1	99	20.77	20.72	20.56		
20	64QAM	50	0	19.59	19.57	19.59		
20	64QAM	50	24	19.60	19.53	19.54	21.5	3
20	64QAM	50	50	19.64	19.56	19.57		
20	64QAM	100	0	19.62	19.56	19.56		
20	256QAM	1	0	17.64	17.58	17.64		
20	256QAM	1	49	17.53	17.55	17.56	19.5	5
20	256QAM	1	99	17.57	17.54	17.60		
20	256QAM	50	0	17.51	17.51	17.57		
20	256QAM	50	24	17.54	17.50	17.52	19.5	5
20	256QAM	50	50	17.52	17.51	17.58		
20	256QAM	100	0	17.52	17.52	17.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.67	22.53		
15	QPSK	1	37	22.55	22.56	22.54	24.5	0
15	QPSK	1	74	22.61	22.55	22.55		
15	QPSK	36	0	21.59	21.62	21.54		
15	QPSK	36	20	21.63	21.51	21.52	23.5	1
15	QPSK	36	39	21.64	21.53	21.57		
15	QPSK	75	0	21.62	21.63	21.59		
15	16QAM	1	0	21.77	21.74	21.59		
15	16QAM	1	37	21.82	21.73	21.64	23.5	1
15	16QAM	1	74	21.82	21.68	21.60		
15	16QAM	36	0	20.58	20.59	20.58		
15	16QAM	36	20	20.57	20.56	20.54	22.5	2
15	16QAM	36	39	20.62	20.59	20.51		
15	16QAM	75	0	20.61	20.54	20.54		
15	64QAM	1	0	20.71	20.69	20.59		
15	64QAM	1	37	20.67	20.67	20.62	22.5	2
15	64QAM	1	74	20.76	20.73	20.52		
15	64QAM	36	0	19.59	19.59	19.58		
15	64QAM	36	20	19.59	19.53	19.52	21.5	3
15	64QAM	36	39	19.60	19.53	19.60		
15	64QAM	75	0	19.64	19.53	19.56		
15	256QAM	1	0	17.60	17.53	17.60		
15	256QAM	1	37	17.54	17.51	17.61	19.5	5
15	256QAM	1	74	17.58	17.50	17.54		
15	256QAM	36	0	17.52	17.56	17.56		
15	256QAM	36	20	17.51	17.53	17.50	19.5	5
15	256QAM	36	39	17.55	17.55	17.52		
15	256QAM	75	0	17.54	17.59	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.67	22.66	22.54		
10	QPSK	1	25	22.56	22.56	22.55	24.5	0
10	QPSK	1	49	22.60	22.53	22.51		
10	QPSK	25	0	21.59	21.59	21.58		
10	QPSK	25	12	21.61	21.57	21.58	23.5	1
10	QPSK	25	25	21.55	21.53	21.51		
10	QPSK	50	0	21.65	21.63	21.53		
10	16QAM	1	0	21.78	21.77	21.59		
10	16QAM	1	25	21.74	21.79	21.61	23.5	1
10	16QAM	1	49	21.78	21.70	21.60		
10	16QAM	25	0	20.59	20.57	20.51		
10	16QAM	25	12	20.62	20.59	20.55	22.5	2
10	16QAM	25	25	20.63	20.58	20.56		
10	16QAM	50	0	20.59	20.59	20.54		
10	64QAM	1	0	20.79	20.68	20.51		
10	64QAM	1	25	20.71	20.70	20.65	22.5	2
10	64QAM	1	49	20.74	20.68	20.50		
10	64QAM	25	0	19.60	19.56	19.53		
10	64QAM	25	12	19.54	19.54	19.56	21.5	3
10	64QAM	25	25	19.65	19.60	19.52		
10	64QAM	50	0	19.65	19.54	19.53		
10	256QAM	1	0	17.60	17.62	17.65		
10	256QAM	1	25	17.56	17.58	17.58	19.5	5
10	256QAM	1	49	17.61	17.53	17.61		
10	256QAM	25	0	17.55	17.55	17.57		
10	256QAM	25	12	17.56	17.53	17.53	19.5	5
10	256QAM	25	25	17.55	17.55	17.56		
10	256QAM	50	0	17.58	17.59	17.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.67	22.58	22.57		
5	QPSK	1	12	22.55	22.58	22.51	24.5	0
5	QPSK	1	24	22.61	22.54	22.50		
5	QPSK	12	0	21.66	21.61	21.52		
5	QPSK	12	7	21.56	21.54	21.52	23.5	1
5	QPSK	12	13	21.63	21.57	21.57		
5	QPSK	25	0	21.59	21.60	21.68		
5	16QAM	1	0	21.79	21.74	21.72		
5	16QAM	1	12	21.78	21.76	21.60	23.5	1
5	16QAM	1	24	21.83	21.76	21.50		
5	16QAM	12	0	20.52	20.51	20.50		
5	16QAM	12	7	20.62	20.57	20.51	22.5	2
5	16QAM	12	13	20.57	20.66	20.56		
5	16QAM	25	0	20.57	20.62	20.58		
5	64QAM	1	0	20.76	20.71	20.60		
5	64QAM	1	12	20.67	20.62	20.65	22.5	2
5	64QAM	1	24	20.72	20.70	20.52		
5	64QAM	12	0	19.62	19.53	19.56		
5	64QAM	12	7	19.65	19.57	19.50	21.5	3
5	64QAM	12	13	19.60	19.61	19.57		
5	64QAM	25	0	19.65	19.52	19.57		
5	256QAM	1	0	17.63	17.55	17.62		
5	256QAM	1	12	17.58	17.51	17.50	19.5	5
5	256QAM	1	24	17.52	17.54	17.56		
5	256QAM	12	0	17.50	17.56	17.60		
5	256QAM	12	7	17.56	17.55	17.59	19.5	5
5	256QAM	12	13	17.51	17.56	17.53		
5	256QAM	25	0	17.55	17.58	17.53		

Band 7_Ant 5_Other PA

BW [MHz]	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	23.71	23.73	23.65	25	0
20	QPSK	1	49	23.51	23.60	23.58		
20	QPSK	1	99	23.62	23.67	23.62		
20	QPSK	50	0	22.66	22.75	22.55	24	1
20	QPSK	50	24	22.53	22.61	22.56		
20	QPSK	50	50	22.55	22.69	22.56		
20	QPSK	100	0	22.61	22.65	22.64		
20	16QAM	1	0	22.68	22.65	22.72		
20	16QAM	1	49	22.70	22.72	22.74	24	1
20	16QAM	1	99	22.78	22.90	22.76		
20	16QAM	50	0	21.56	21.54	21.64		
20	16QAM	50	24	21.49	21.51	21.56	23	2
20	16QAM	50	50	21.57	21.61	21.68		
20	16QAM	100	0	21.56	21.60	21.64		
20	64QAM	1	0	21.70	21.66	21.62		
20	64QAM	1	49	21.63	21.75	21.70	23	2
20	64QAM	1	99	21.78	21.76	21.78		
20	64QAM	50	0	20.47	20.60	20.66		
20	64QAM	50	24	20.61	20.52	20.62	22	3
20	64QAM	50	50	20.59	20.60	20.71		
20	64QAM	100	0	20.61	20.57	20.58		
20	256QAM	1	0	18.61	18.61	18.59		
20	256QAM	1	49	18.44	18.42	18.43	20	5
20	256QAM	1	99	18.45	18.47	18.32		
20	256QAM	50	0	18.41	18.46	18.35		
20	256QAM	50	24	18.24	18.38	18.48	20	5
20	256QAM	50	50	18.32	18.27	18.31		
20	256QAM	100	0	18.28	18.37	18.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.62	23.58	23.53		
15	QPSK	1	37	23.42	23.46	23.43	25	0
15	QPSK	1	74	23.52	23.59	23.55		
15	QPSK	36	0	22.52	22.55	22.53		
15	QPSK	36	20	22.42	22.46	22.49	24	1
15	QPSK	36	39	22.49	22.63	22.43		
15	QPSK	75	0	22.45	22.56	22.56		
15	16QAM	1	0	22.57	22.60	22.56		
15	16QAM	1	37	22.58	22.58	22.64	24	1
15	16QAM	1	74	22.65	22.84	22.69		
15	16QAM	36	0	21.46	21.47	21.55		
15	16QAM	36	20	21.35	21.41	21.43	23	2
15	16QAM	36	39	21.44	21.45	21.62		
15	16QAM	75	0	21.40	21.46	21.54		
15	64QAM	1	0	21.54	21.57	21.52		
15	64QAM	1	37	21.54	21.68	21.58	23	2
15	64QAM	1	74	21.67	21.66	21.66		
15	64QAM	36	0	20.33	20.48	20.59		
15	64QAM	36	20	20.52	20.45	20.49	22	3
15	64QAM	36	39	20.51	20.52	20.63		
15	64QAM	75	0	20.49	20.43	20.53		
15	256QAM	1	0	18.48	18.48	18.44		
15	256QAM	1	37	18.35	18.27	18.33	20	5
15	256QAM	1	74	18.31	18.38	18.16		
15	256QAM	36	0	18.30	18.29	18.29		
15	256QAM	36	20	18.14	18.23	18.40	20	5
15	256QAM	36	39	18.27	18.20	18.20		
15	256QAM	75	0	18.16	18.30	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.56	23.64	23.58		
10	QPSK	1	25	23.43	23.45	23.45	25	0
10	QPSK	1	49	23.53	23.57	23.48		
10	QPSK	25	0	22.53	22.60	22.46		
10	QPSK	25	12	22.45	22.53	22.45	24	1
10	QPSK	25	25	22.46	22.58	22.42		
10	QPSK	50	0	22.47	22.47	22.50		
10	16QAM	1	0	22.77	22.49	22.59		
10	16QAM	1	25	22.64	22.64	22.61	24	1
10	16QAM	1	49	22.73	22.77	22.67		
10	16QAM	25	0	21.44	21.45	21.55		
10	16QAM	25	12	21.39	21.41	21.47	23	2
10	16QAM	25	25	21.44	21.51	21.52		
10	16QAM	50	0	21.50	21.50	21.54		
10	64QAM	1	0	21.59	21.53	21.57		
10	64QAM	1	25	21.55	21.65	21.52	23	2
10	64QAM	1	49	21.69	21.60	21.70		
10	64QAM	25	0	20.41	20.50	20.60		
10	64QAM	25	12	20.47	20.36	20.51	22	3
10	64QAM	25	25	20.52	20.51	20.58		
10	64QAM	50	0	20.56	20.44	20.43		
10	256QAM	1	0	18.49	18.55	18.54		
10	256QAM	1	25	18.34	18.31	18.32	20	5
10	256QAM	1	49	18.41	18.34	18.24		
10	256QAM	25	0	18.32	18.29	18.28		
10	256QAM	25	12	18.11	18.31	18.40	20	5
10	256QAM	25	25	18.16	18.14	18.19		
10	256QAM	50	0	18.22	18.26	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.65	23.61	23.56		
5	QPSK	1	12	23.36	23.52	23.45	25	0
5	QPSK	1	24	23.53	23.52	23.46		
5	QPSK	12	0	22.58	22.57	22.47		
5	QPSK	12	7	22.38	22.55	22.41	24	1
5	QPSK	12	13	22.40	22.55	22.48		
5	QPSK	25	0	22.51	22.55	22.52		
5	16QAM	1	0	22.60	22.57	22.63		
5	16QAM	1	12	22.63	22.61	22.60	24	1
5	16QAM	1	24	22.63	22.75	22.64		
5	16QAM	12	0	21.40	21.39	21.50		
5	16QAM	12	7	21.40	21.43	21.42	23	2
5	16QAM	12	13	21.43	21.49	21.59		
5	16QAM	25	0	21.49	21.47	21.58		
5	64QAM	1	0	21.57	21.51	21.42		
5	64QAM	1	12	21.48	21.65	21.55	23	2
5	64QAM	1	24	21.70	21.64	21.65		
5	64QAM	12	0	20.38	20.53	20.55		
5	64QAM	12	7	20.45	20.42	20.51	22	3
5	64QAM	12	13	20.53	20.54	20.55		
5	64QAM	25	0	20.45	20.47	20.49		
5	256QAM	1	0	18.49	18.52	18.46		
5	256QAM	1	12	18.36	18.26	18.27	20	5
5	256QAM	1	24	18.37	18.33	18.18		
5	256QAM	12	0	18.35	18.30	18.24		
5	256QAM	12	7	18.14	18.22	18.34	20	5
5	256QAM	12	13	18.20	18.12	18.15		
5	256QAM	25	0	18.16	18.31	18.25		

Band 7_Ant 3_Other PA

BW [MHz]	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	24.19	24.20	23.93	24.5	0
20	QPSK	1	49	24.16	23.99	23.87		
20	QPSK	1	99	24.07	24.08	23.83		
20	QPSK	50	0	23.17	23.18	22.90	23.5	1
20	QPSK	50	24	23.11	23.03	22.83		
20	QPSK	50	50	23.16	23.10	22.88		
20	QPSK	100	0	23.04	23.19	22.85		
20	16QAM	1	0	23.31	23.17	23.01		
20	16QAM	1	49	23.19	23.26	22.96	23.5	1
20	16QAM	1	99	23.27	23.13	23.01		
20	16QAM	50	0	22.11	22.07	21.92		
20	16QAM	50	24	22.08	22.06	21.76	22.5	2
20	16QAM	50	50	22.11	22.03	21.81		
20	16QAM	100	0	22.15	22.04	21.87		
20	64QAM	1	0	22.17	22.16	21.99		
20	64QAM	1	49	22.19	22.06	21.98	22.5	2
20	64QAM	1	99	22.31	22.24	21.98		
20	64QAM	50	0	21.10	21.06	20.91		
20	64QAM	50	24	21.12	21.00	20.78	21.5	3
20	64QAM	50	50	21.18	21.09	20.91		
20	64QAM	100	0	21.13	21.14	20.91		
20	256QAM	1	0	18.84	18.93	19.08		
20	256QAM	1	49	18.89	18.93	18.93	19.5	5
20	256QAM	1	99	18.92	18.86	18.97		
20	256QAM	50	0	18.85	18.82	18.82		
20	256QAM	50	24	18.76	18.82	18.69	19.5	5
20	256QAM	50	50	18.76	18.81	18.83		
20	256QAM	100	0	18.71	18.86	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.06	24.10	23.83		
15	QPSK	1	37	24.03	23.88	23.80	24.5	0
15	QPSK	1	74	23.91	24.03	23.82		
15	QPSK	36	0	23.06	22.97	22.78		
15	QPSK	36	20	22.99	22.96	22.77	23.5	1
15	QPSK	36	39	23.00	22.96	22.84		
15	QPSK	75	0	22.96	23.05	22.76		
15	16QAM	1	0	23.18	23.06	22.86		
15	16QAM	1	37	23.09	23.21	22.90	23.5	1
15	16QAM	1	74	23.21	22.97	22.86		
15	16QAM	36	0	21.98	21.99	21.81		
15	16QAM	36	20	21.96	21.97	21.65	22.5	2
15	16QAM	36	39	22.04	21.97	21.71		
15	16QAM	75	0	22.07	21.95	21.75		
15	64QAM	1	0	22.11	22.07	21.94		
15	64QAM	1	37	22.12	22.00	21.90	22.5	2
15	64QAM	1	74	22.23	22.16	21.84		
15	64QAM	36	0	20.96	20.92	20.78		
15	64QAM	36	20	21.04	20.91	20.72	21.5	3
15	64QAM	36	39	21.10	20.93	20.80		
15	64QAM	75	0	21.08	21.03	20.79		
15	256QAM	1	0	18.71	18.86	18.93		
15	256QAM	1	37	18.74	18.82	18.85	19.5	5
15	256QAM	1	74	18.83	18.80	18.82		
15	256QAM	36	0	18.77	18.76	18.67		
15	256QAM	36	20	18.63	18.73	18.63	19.5	5
15	256QAM	36	39	18.71	18.67	18.77		
15	256QAM	75	0	18.61	18.71	18.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.10	24.09	23.86		
10	QPSK	1	25	24.09	23.90	23.71	24.5	0
10	QPSK	1	49	23.94	23.95	23.83		
10	QPSK	25	0	23.01	23.04	22.84		
10	QPSK	25	12	22.98	22.97	22.74	23.5	1
10	QPSK	25	25	23.01	22.99	22.80		
10	QPSK	50	0	22.90	23.08	22.79		
10	16QAM	1	0	23.19	23.02	22.94		
10	16QAM	1	25	23.04	23.16	22.80	23.5	1
10	16QAM	1	49	23.15	23.00	22.93		
10	16QAM	25	0	22.03	21.98	21.87		
10	16QAM	25	12	21.93	21.93	21.67	22.5	2
10	16QAM	25	25	21.97	21.88	21.75		
10	16QAM	50	0	22.07	21.88	21.80		
10	64QAM	1	0	22.04	22.01	21.93		
10	64QAM	1	25	22.14	21.91	21.92	22.5	2
10	64QAM	1	49	22.16	22.09	21.83		
10	64QAM	25	0	21.04	20.99	20.85		
10	64QAM	25	12	21.06	20.88	20.69	21.5	3
10	64QAM	25	25	21.08	21.04	20.80		
10	64QAM	50	0	20.99	21.08	20.77		
10	256QAM	1	0	18.69	18.81	18.99		
10	256QAM	1	25	18.77	18.87	18.79	19.5	5
10	256QAM	1	49	18.71	18.83	18.83		
10	256QAM	25	0	18.75	18.77	18.70		
10	256QAM	25	12	18.66	18.67	18.55	19.5	5
10	256QAM	25	25	18.63	18.66	18.71		
10	256QAM	50	0	18.57	18.77	18.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.11	24.05	23.88		
5	QPSK	1	12	24.00	23.89	23.81	24.5	0
5	QPSK	1	24	24.02	24.02	23.84		
5	QPSK	12	0	23.03	23.07	22.74		
5	QPSK	12	7	23.00	22.97	22.72	23.5	1
5	QPSK	12	13	23.05	22.95	22.85		
5	QPSK	25	0	22.92	23.12	22.71		
5	16QAM	1	0	23.26	23.09	22.89		
5	16QAM	1	12	23.05	23.11	22.80	23.5	1
5	16QAM	1	24	23.19	22.99	22.96		
5	16QAM	12	0	22.06	21.91	21.86		
5	16QAM	12	7	21.93	21.93	21.64	22.5	2
5	16QAM	12	13	21.95	21.92	21.67		
5	16QAM	25	0	22.00	21.91	21.79		
5	64QAM	1	0	22.12	22.06	21.86		
5	64QAM	1	12	22.09	22.00	21.86	22.5	2
5	64QAM	1	24	22.26	22.12	21.90		
5	64QAM	12	0	21.03	20.95	20.85		
5	64QAM	12	7	21.04	20.89	20.64	21.5	3
5	64QAM	12	13	21.06	20.96	20.75		
5	64QAM	25	0	20.99	21.01	20.78		
5	256QAM	1	0	18.75	18.84	19.01		
5	256QAM	1	12	18.75	18.84	18.84	19.5	5
5	256QAM	1	24	18.87	18.76	18.86		
5	256QAM	12	0	18.76	18.69	18.70		
5	256QAM	12	7	18.65	18.77	18.61	19.5	5
5	256QAM	12	13	18.62	18.71	18.75		
5	256QAM	25	0	18.59	18.73	18.68		

Band 26_Ant 0_Other PA

BW [MHz]	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	23.91	23.98	23.73		
15	QPSK	1	37	23.68	23.80	23.53	25	0
15	QPSK	1	74	23.88	23.78	23.62		
15	QPSK	36	0	22.80	22.94	22.65		
15	QPSK	36	20	22.76	22.79	22.57	24	1
15	QPSK	36	39	22.81	22.77	22.57		
15	QPSK	75	0	22.78	22.82	22.67		
15	16QAM	1	0	22.87	22.96	22.92		
15	16QAM	1	37	22.80	22.94	22.69	24	1
15	16QAM	1	74	22.95	22.97	22.86		
15	16QAM	36	0	21.73	21.81	21.65		
15	16QAM	36	20	21

Band 26_Ant 1_Other PA

BW [MHz]	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	23.44	23.46	23.31	25	0
15	QPSK	1	37	23.27	23.38	23.14		
15	QPSK	1	74	23.41	23.35	23.22		
15	QPSK	36	0	22.37	22.41	22.20	24	1
15	QPSK	36	20	22.32	22.29	22.15		
15	QPSK	36	39	22.35	22.32	22.18		
15	QPSK	75	0	22.30	22.32	22.22		
15	16QAM	1	0	22.48	22.53	22.49	24	1
15	16QAM	1	37	22.45	22.50	22.34		
15	16QAM	1	74	22.57	22.51	22.44		
15	16QAM	36	0	21.24	21.35	21.21	23	2
15	16QAM	36	20	21.31	21.29	21.14		
15	16QAM	36	39	21.34	21.31	21.17		
15	16QAM	75	0	21.29	21.32	21.20		
15	64QAM	1	0	21.46	21.48	21.40	23	2
15	64QAM	1	37	21.36	21.50	21.22		
15	64QAM	1	74	21.57	21.46	21.35		
15	64QAM	36	0	20.26	20.34	20.18	22	3
15	64QAM	36	20	20.31	20.27	20.13		
15	64QAM	36	39	20.34	20.32	20.15		
15	64QAM	75	0	20.31	20.31	20.20		
15	256QAM	1	0	18.68	18.65	18.72	20	5
15	256QAM	1	37	18.62	18.61	18.55		
15	256QAM	1	74	18.56	18.49	18.43		
15	256QAM	36	0	18.48	18.45	18.43		
15	256QAM	36	20	18.30	18.34	18.40		
15	256QAM	36	39	18.32	18.38	18.31		
15	256QAM	75	0	18.36	18.44	18.45		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.28	23.34	23.24	25	0
10	QPSK	1	25	23.19	23.30	23.07		
10	QPSK	1	49	23.30	23.23	23.15		
10	QPSK	25	0	22.28	22.31	22.14	24	1
10	QPSK	25	12	22.26	22.24	22.03		
10	QPSK	25	25	22.29	22.25	22.11		
10	QPSK	50	0	22.14	22.26	22.10		
10	16QAM	1	0	22.30	22.37	22.40	24	1
10	16QAM	1	25	22.30	22.36	22.19		
10	16QAM	1	49	22.42	22.46	22.33		
10	16QAM	25	0	21.13	21.19	21.12	23	2
10	16QAM	25	12	21.18	21.15	21.06		
10	16QAM	25	25	21.21	21.23	21.03		
10	16QAM	50	0	21.22	21.21	21.06		
10	64QAM	1	0	21.31	21.39	21.27	23	2
10	64QAM	1	25	21.30	21.41	21.06		
10	64QAM	1	49	21.49	21.36	21.30		
10	64QAM	25	0	20.21	20.20	20.03	22	3
10	64QAM	25	12	20.15	20.20	20.08		
10	64QAM	25	25	20.18	20.20	20.08		
10	64QAM	50	0	20.20	20.20	20.11		
10	256QAM	1	0	18.52	18.56	18.60	20	5
10	256QAM	1	25	18.53	18.53	18.39		
10	256QAM	1	49	18.40	18.42	18.35		
10	256QAM	25	0	18.41	18.35	18.32		
10	256QAM	25	12	18.15	18.20	18.27	20	5
10	256QAM	25	25	18.18	18.22	18.19		
10	256QAM	50	0	18.25	18.33	18.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.32	23.40	23.20	25	0
5	QPSK	1	12	23.12	23.23	23.08		
5	QPSK	1	24	23.29	23.20	23.07		
5	QPSK	12	0	22.31	22.35	22.08	24	1
5	QPSK	12	7	22.21	22.15	22.02		
5	QPSK	12	13	22.27	22.18	22.10		
5	QPSK	25	0	22.24	22.24	22.12		
5	16QAM	1	0	22.43	22.49	22.36	24	1
5	16QAM	1	12	22.33	22.41	22.20		
5	16QAM	1	24	22.51	22.35	22.34		
5	16QAM	12	0	21.09	21.23	21.16	23	2
5	16QAM	12	7	21.19	21.24	21.09		
5	16QAM	12	13	21.18	21.21	21.03		
5	16QAM	25	0	21.17	21.18	21.12		
5	64QAM	1	0	21.30	21.42	21.24	23	2
5	64QAM	1	12	21.22	21.38	21.11		
5	64QAM	1	24	21.50	21.38	21.25		
5	64QAM	12	0	20.21	20.22	20.08	22	3
5	64QAM	12	7	20.20	20.13	20.01		
5	64QAM	12	13	20.23	20.25	20.00		
5	64QAM	25	0	20.23	20.19	20.06		
5	256QAM	1	0	18.60	18.50	18.59	20	5
5	256QAM	1	12	18.57	18.56	18.42		
5	256QAM	1	24	18.48	18.44	18.38		
5	256QAM	12	0	18.39	18.37	18.27	20	5
5	256QAM	12	7	18.21	18.20	18.28		
5	256QAM	12	13	18.21	18.28	18.16		
5	256QAM	25	0	18.24	18.35	18.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.32	23.40	23.24	25	0
3	QPSK	1	8	23.20	23.23	23.07		
3	QPSK	1	14	23.29	23.20	23.17		
3	QPSK	8	0	22.27	22.34	22.07	24	1
3	QPSK	8	4	22.16	22.23	22.03		
3	QPSK	8	7	22.26	22.17	22.11		
3	QPSK	15	0	22.17	22.21	22.12		
3	16QAM	1	0	22.34	22.44	22.34	24	1
3	16QAM	1	8	22.37	22.37	22.23		
3	16QAM	1	14	22.44	22.37	22.35		
3	16QAM	8	0	21.18	21.29	21.14	23	2
3	16QAM	8	4	21.20	21.14	21.08		
3	16QAM	8	7	21.23	21.22	21.11		
3	16QAM	15	0	21.16	21.19	21.04		
3	64QAM	1	0	21.38	21.37	21.33	23	2
3	64QAM	1	8	21.26	21.38	21.17		
3	64QAM	1	14	21.52	21.38	21.26		
3	64QAM	8	0	20.21	20.26	20.05	22	3
3	64QAM	8	4	20.17	20.19	20.00		
3	64QAM	8	7	20.26	20.29	20.09		
3	64QAM	15	0	20.22	20.26	20.11		
3	256QAM	1	0	18.53	18.51	18.57	20	5
3	256QAM	1	8	18.55	18.46	18.42		
3	256QAM	1	14	18.45	18.42	18.38		
3	256QAM	8	0	18.35	18.34	18.31	20	5
3	256QAM	8	4	18.24	18.20	18.34		
3	256QAM	8	7	18.17	18.27	18.24		
3	256QAM	15	0	18.23	18.32	18.31		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.37	23.35	23.26	25	0
1.4	QPSK	1	3	23.12	23.32	23.01		
1.4	QPSK	1	5	23.35	23.30	23.06		
1.4	QPSK	3	0	23.34	23.31	23.20		
1.4	QPSK	3	1	23.14	23.31	23.08		
1.4	QPSK	3	3	23.33	23.28	23.13		
1.4	QPSK	6	0	22.25	22.29	22.12	24	1
1.4	16QAM	1	0	22.33	22.37	22.41	24	1
1.4	16QAM	1	3	22.34	22.40	22.18		
1.4	16QAM	1	5	22.49	22.38	22.39		
1.4	16QAM	3	0	22.31	22.31	22.15		
1.4	16QAM	3	1	22.16	22.18	22.05		
1.4	16QAM	3	3	22.24	22.20	22.10		
1.4	16QAM	6	0	21.17	21.27	21.05	23	2
1.4	64QAM	1	0	21.39	21.39	21.30	23	2
1.4	64QAM	1	3	21.27	21.45	21.15		
1.4	64QAM	1	5	21.48	21.41	21.21		
1.4	64QAM	3	0	21.18	21.30	21.13		
1.4	64QAM	3	1	21.19	21.19	21.09		
1.4	64QAM	3	3	21.27	21.25	21.01		
1.4	64QAM	6	0	20.17	20.22	20.08	22	3
1.4	256QAM	1	0	18.62	18.53	18.56	20	5
1.4	256QAM	1	3	18.51	18.47	18.44		
1.4	256QAM	1	5	18.42	18.36	18.36		
1.4	256QAM	3	0	18.36	18.37	18.28		
1.4	256QAM	3	1	18.20	18.18	18.31		
1.4	256QAM	3	3	18.24	18.23	18.23		
1.4	256QAM	6	0	18.26	18.38	18.33	20	5

Band 66_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.20	23.21	23.07	24	0
20	QPSK	1	49	23.13	23.16	22.97		
20	QPSK	1	99	23.04	23.08	22.94		
20	QPSK	50	0	21.16	22.19	21.05	23	1
20	QPSK	50	24	22.13	22.08	21.99		
20	QPSK	50	50	22.14	22.06	21.97		
20	QPSK	100	0	22.12	22.16	22.00		
20	16QAM	1	0	22.42	22.43	22.16	23	1
20	16QAM	1	49	22.38	22.26	22.20		
20	16QAM	1	99	22.31	22.05	22.17		
20	16QAM	50	0	21.19	21.07	21.06	22	2
20	16QAM	50	24	21.15	21.05	20.97		
20	16QAM	50	50	21.14	21.05	20.94		
20	16QAM	100	0	21.17	21.05	20.98		
20	64QAM	1	0	21.30	21.30	21.12	22	2
20	64QAM	1	49	21.30	21.20	21.16		
20	64QAM	1	99	21.29	20.97	21.10		
20	64QAM	50	0	20.20	20.07	20.08	21	3
20	64QAM	50	24	20.15	20.07	19.99		
20	64QAM	50	50	20.17	20.06	19.94		
20	64QAM	100	0	20.18	20.06	19.99		
20	256QAM	1	0	18.23	18.20	18.12	19	5
20	256QAM	1	49	18.19	18.20	18.13		
20	256QAM	1	99	17.99	18.06	18.02		
20	256QAM	50	0	17.96	17.98	17.90	19	5
20	256QAM	50	24	17.93	18.00	18.00		
20	256QAM	50	50	18.07	18.08	18.14		
20	256QAM	100	0	18.11	18.04	18.07		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.12	23.05	22.98	24	0
15	QPSK	1	37	22.97	23.06	22.88		
15	QPSK	1	74	22.95	22.92	22.80		
15	QPSK	36	0	22.08	22.12	22.00	23	1
15	QPSK	36	20	21.98	21.93	21.91		
15	QPSK	36	39	22.03	21.99	21.83		
15	QPSK	75	0	21.96	22.01	21.90		
15	16QAM	1	0	22.32	22.32	22.32	23	1
15	16QAM	1	37	22.32	22.16	22.08		
15	16QAM	1	74	22.20	21.89	22.09		
15	16QAM	36	0	21.14	20.98	20.95	22	2
15	16QAM	36	20	21.18	20.96	20.88		
15	16QAM	36	39	20.99	20.95	20.85		
15	16QAM	75	0	21.12	21.00	20.84		
15	64QAM	1	0	21.16	21.18	20.98	22	2
15	64QAM	1	37	21.25	21.04	21.07		
15	64QAM	1	74	21.13	20.91	20.94		
15	64QAM	36	0	20.13	19.95	20.00	21	3
15	64QAM	36	20	20.02	20.01	19.94		
15	64QAM	36	39	20.06	20.00	19.95		
15	64QAM	75	0	20.06	19.90	19.87		
15	256QAM	1	0	18.08	18.04	18.07	19	5
15	256QAM	1	37	18.12	18.07	18.00		
15	256QAM	1	74	17.92	17.90	17.88		
15	256QAM	36	0	17.80	17.90	17.83	19	5
15	256QAM	36	20	17.87	17.89	17.88		
15	256QAM	36	39	18.00	17.94	18.00		
15	256QAM	75	0	18.01	17.92	17.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.14	23.05	22.92	24	0
10	QPSK	1	25	23.06	23.09	22.88		
10	QPSK	1	49	22.96	22.96	22.83		
10	QPSK	25	0	22.06	22.07	22.03	23	1
10	QPSK	25	12	22.04	21.98	21.92		
10	QPSK	25	25	21.99	21.94	21.82		
10	QPSK	50	0	22.07	22.03	21.92		
10	16QAM	1	0	22.35	22.34	22.10	23	1
10	16QAM	1	25	22.22	22.14	22.07		
10	16QAM	1	49	22.25	21.94	22.08		
10	16QAM	25	0	21.08	20.98	20.95	22	2
10	16QAM	25	12	21.03	20.89	20.91		
10	16QAM	25	25	21.01	20.97	20.81		
10	16QAM	50	0	21.01	20.94	20.86		
10	64QAM	1	0	21.25	21.18	20.97	22	2
10	64QAM	1	25	21.24	21.11	21.10		
10	64QAM	1	49	21.18	20.92	21.00		
10	64QAM	25	0	20.15	19.98	19.95	21	3
10	64QAM	25	12	20.10	20.00	19.94		
10	64QAM	25	25	20.05	19.94	19.86		
10	64QAM	50	0	20.02	19.96	19.86		
10	256QAM	1	0	18.11	18.04	17.98	19	5
10	256QAM	1	25	18.14	18.10	18.01		
10	256QAM	1	49	17.86	17.91	17.91		
10	256QAM	25	0	17.81	17.83	17.83	19	5
10	256QAM	25	12	17.80	17.87	17.90		
10	256QAM	25	25	17.94	17.92	18.06		
10	256QAM	50	0	17.97	17.93	17.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.11	23.13	22.99	24	0
5	QPSK	1	12	23.07	23.10	22.91		
5	QPSK	1	24	22.97	22.92	22.83		
5	QPSK	12	0	22.09	22.13	22.00	23	1
5	QPSK	12	7	22.07	21.92	21.91		
5	QPSK	12	13	22.08	21.90	21.92		
5	QPSK	25	0	22.00	22.11	21.92		
5	16QAM	1	0	22.28	22.31	22.01	23	1
5	16QAM	1	12	22.22	22.16	22.05		
5	16QAM	1	24	22.15	22.00	22.11		
5	16QAM	12	0	21.09	21.01	20.98	22	2
5	16QAM	12	7	20.99	20.99	20.91		
5	16QAM	12	13	21.07	20.93	20.78		
5	16QAM	25	0	21.05	20.96	20.89		
5	64QAM	1	0	21.24	21.21	21.06	22	2
5	64QAM	1	12	21.21	21.06	21.03		
5	64QAM	1	24	21.20	20.85	21.03		
5	64QAM	12	0	20.04	19.97	19.94	21	3
5	64QAM	12	7	20.09	19.96	19.90		
5	64QAM	12	13	20.10	20.01	19.86		
5	64QAM	25	0	20.05	19.91	19.94		
5	256QAM	1	0	18.16	18.09	18.02	19	5
5	256QAM	1	12	18.08	18.05	17.99		
5	256QAM	1	24	17.89	17.96	17.87		
5	256QAM	12	0	17.89	17.86	17.74	19	5
5	256QAM	12	7	17.85	17.88	17.93		
5	256QAM	12	13	17.95	17.95	18.02		
5	256QAM	25	0	18.00	17.97	17.97		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.13	23.16	23.01	24	0
3	QPSK	1	8	23.00	23.06	22.82		
3	QPSK	1	14	22.99	22.94	22.82		
3	QPSK	8	0	22.00	22.14	21.94	23	1
3	QPSK	8	4	22.06	22.03	21.85		
3	QPSK	8	7	22.07	21.92	21.89		
3	QPSK	15	0	22.02	22.02	21.86		
3	16QAM	1	0	22.26	22.31	22.00	23	1
3	16QAM	1	8	22.31	22.16	22.05		
3	16QAM	1	14	22.16	21.93	22.02		
3	16QAM	8	0	21.13	20.99	20.93	22	2
3	16QAM	8	4	21.05	20.99	20.84		
3	16QAM	8	7	21.02	20.95	20.80		
3	16QAM	15	0	21.11	20.96	20.82		
3	64QAM	1	0	21.17	21.22	21.06	22	2
3	64QAM	1	8	21.15	21.10	21.06		
3	64QAM	1	14	21.23	20.90	21.03		
3	64QAM	8	0	20.11	20.01	19.93	21	3
3	64QAM	8	4	20.07	20.00	19.87		
3	64QAM	8	7	20.08	19.98	19.88		
3	64QAM	15	0	20.10	20.01	19.92		
3	256QAM	1	0	18.07	18.05	18.06	19	5
3	256QAM	1	8	18.03	17.96	17.97		
3	256QAM	1	14	17.94	17.95	17.93		
3	256QAM	8	0	17.88	17.92	17.85	19	5
3	256QAM	8	4	17.83	17.94	17.95		
3	256QAM	8	7	17.99	17.93	18.07		
3	256QAM	15	0	18.06	17.93	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.09	23.13	23.00	24	0
1.4	QPSK	1	3	23.04	23.05	22.87		
1.4	QPSK	1	5	22.96	22.97	22.78		
1.4	QPSK	3	0	23.11	23.08	22.98		
1.4	QPSK	3	1	23.03	23.05	22.83		
1.4	QPSK	3	3	22.94	22.96	22.87		
1.4	QPSK	6	0	22.03	22.11	21.91	23	1
1.4	16QAM	1	0	22.35	22.37	22.07	23	1
1.4	16QAM	1	3	22.33	22.16	22.09		
1.4	16QAM	1	5	22.25	21.93	22.08		
1.4	16QAM	3	0	22.03	22.04	21.94		
1.4	16QAM	3	1	21.97	21.95	21.84		
1.4	16QAM	3	3	22.09	21.95	21.85		
1.4	16QAM	6	0	21.07	20.95	20.91	22	2
1.4	64QAM	1	0	21.14	21.23	20.97	22	2
1.4	64QAM	1	3	21.14	21.13	21.07		
1.4	64QAM	1	5	21.13	20.89	21.04		
1.4	64QAM	3	0	21.10	20.96	21.01		
1.4	64QAM	3	1	21.07	20.91	20.85		
1.4	64QAM	3	3	21.02	20.94	20.81		
1.4	64QAM	6	0	20.13	20.00	19.89	21	3
1.4	256QAM	1	0	18.09	18.15	18.03	19	5
1.4	256QAM	1	3	18.12	18.06	17.97		
1.4	256QAM	1	5	17.86	17.95	17.95		
1.4	256QAM	3	0	17.90	17.91	17.83		
1.4	256QAM	3	1	17.80	17.91	17.88		
1.4	256QAM	3	3	18.02	17.94	17.99		
1.4	256QAM	6	0	18.06	17.92	17.92	19	5

Band 66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.92	24.03	23.87	25	0
20	QPSK	1	49	23.88	24.02	23.75		
20	QPSK	1	99	23.92	23.82	23.76		
20	QPSK	50	0	22.95	23.01	22.85	24	1
20	QPSK	50	24	22.90	22.89	22.84		
20	QPSK	50	50	22.92	22.89	22.75		
20	QPSK	100	0	22.98	22.99	22.86		
20	16QAM	1	0	23.11	23.16	23.04	24	1
20	16QAM	1	49	23.21	23.10	22.93		
20	16QAM	1	99	23.10	22.89	22.93		
20	16QAM	50	0	21.95	21.91	21.94	23	2
20	16QAM	50	24	21.88	21.94	21.79		
20	16QAM	50	50	21.88	21.93	21.70		
20	16QAM	100	0	21.97	21.90	21.73		
20	64QAM	1	0	22.09	22.22	21.98	23	2
20	64QAM	1	49	22.15	22.02	22.02		
20	64QAM	1	99	21.97	21.83	21.78		
20	64QAM	50	0	20.91	20.91	20.82	22	3
20	64QAM	50	24	20.91	20.90	20.78		
20	64QAM	50	50	20.94	20.96	20.77		
20	64QAM	100	0	20.89	20.97	20.84		
20	256QAM	1	0	18.97	18.90	18.98	20	5
20	256QAM	1	49	18.96	19.03	18.95		
20	256QAM	1	99	18.93	18.94	18.93		
20	256QAM	50	0	18.86	18.89	18.91	20	5
20	256QAM	50	24	18.89	18.87	18.89		
20	256QAM	50	50	18.85	18.93	18.82		
20	256QAM	100	0	18.90	18.82	18.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.77	23.86	23.80	25	0
15	QPSK	1	37	23.73	23.97	23.70		
15	QPSK	1	74	23.81	23.77	23.67		
15	QPSK	36	0	22.79	22.91	22.73	24	1
15	QPSK	36	20	22.77	22.84	22.74		
15	QPSK	36	39	22.83	22.81	22.70		
15	QPSK	75	0	22.83	22.81	22.72		
15	16QAM	1	0	23.02	23.07	22.98	24	1
15	16QAM	1	37	23.13	23.02	22.83		
15	16QAM	1	74	23.03	22.81	22.83		
15	16QAM	36	0	21.89	21.86	21.86	23	2
15	16QAM	36	20	21.75	21.89	21.92		
15	16QAM	36	39	21.83	21.85	21.65		
15	16QAM	75	0	21.89	21.82	21.58		
15	64QAM	1	0

Band 66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.56	23.58	23.43		
20	QPSK	1	49	23.53	23.38	23.19	25	0
20	QPSK	1	99	23.39	23.31	23.24		
20	QPSK	50	0	22.51	22.61	22.33		
20	QPSK	50	24	22.44	22.34	22.23	24	1
20	QPSK	50	50	22.41	22.32	22.23		
20	QPSK	100	0	22.48	22.55	22.22		
20	16QAM	1	0	22.82	22.76	22.50		
20	16QAM	1	49	22.83	22.64	22.41	24	1
20	16QAM	1	99	22.62	22.43	22.38		
20	16QAM	50	0	21.61	21.48	21.34		
20	16QAM	50	24	21.53	21.37	21.23	23	2
20	16QAM	50	50	21.48	21.36	21.24		
20	16QAM	100	0	21.52	21.40	21.26		
20	64QAM	1	0	21.84	21.61	21.47		
20	64QAM	1	49	21.76	21.50	21.47	23	2
20	64QAM	1	99	21.55	21.28	21.37		
20	64QAM	50	0	20.53	20.44	20.28		
20	64QAM	50	24	20.59	20.36	20.28	22	3
20	64QAM	50	50	20.50	20.40	20.26		
20	64QAM	100	0	20.53	20.41	20.21		
20	256QAM	1	0	18.51	18.51	18.48		
20	256QAM	1	49	18.44	18.47	18.53	20	5
20	256QAM	1	99	18.48	18.47	18.55		
20	256QAM	50	0	18.48	18.44	18.48		
20	256QAM	50	24	18.31	18.37	18.28	20	5
20	256QAM	50	50	18.38	18.39	18.53		
20	256QAM	100	0	18.49	18.38	18.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.49	23.51	23.35		
15	QPSK	1	37	23.44	23.25	23.03	25	0
15	QPSK	1	74	23.23	23.16	23.14		
15	QPSK	36	0	22.40	22.51	22.18		
15	QPSK	36	20	22.31	22.19	22.15	24	1
15	QPSK	36	39	22.29	22.22	22.13		
15	QPSK	75	0	22.40	22.43	22.09		
15	16QAM	1	0	22.68	22.64	22.37		
15	16QAM	1	37	22.73	22.59	22.28	24	1
15	16QAM	1	74	22.52	22.32	22.31		
15	16QAM	36	0	21.51	21.42	21.27		
15	16QAM	36	20	21.41	21.32	21.17	23	2
15	16QAM	36	39	21.35	21.22	21.19		
15	16QAM	75	0	21.41	21.32	21.13		
15	64QAM	1	0	21.68	21.50	21.42		
15	64QAM	1	37	21.61	21.39	21.34	23	2
15	64QAM	1	74	21.49	21.13	21.26		
15	64QAM	36	0	20.44	20.36	20.23		
15	64QAM	36	20	20.54	20.25	20.19	22	3
15	64QAM	36	39	20.34	20.31	20.17		
15	64QAM	75	0	20.39	20.31	20.11		
15	256QAM	1	0	18.45	18.40	18.34		
15	256QAM	1	37	18.33	18.40	18.48	20	5
15	256QAM	1	74	18.40	18.33	18.49		
15	256QAM	36	0	18.42	18.38	18.33		
15	256QAM	36	20	18.15	18.31	18.14	20	5
15	256QAM	36	39	18.28	18.30	18.41		
15	256QAM	75	0	18.42	18.33	18.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.48	23.45	23.36		
10	QPSK	1	25	23.42	23.30	23.04	25	0
10	QPSK	1	49	23.24	23.19	23.15		
10	QPSK	25	0	22.40	22.56	22.21		
10	QPSK	25	12	22.39	22.27	22.07	24	1
10	QPSK	25	25	22.28	22.17	22.16		
10	QPSK	50	0	22.37	22.40	22.07		
10	16QAM	1	0	22.73	22.65	22.40		
10	16QAM	1	25	22.75	22.48	22.29	24	1
10	16QAM	1	49	22.53	22.32	22.25		
10	16QAM	25	0	21.51	21.39	21.26		
10	16QAM	25	12	21.44	21.26	21.13	23	2
10	16QAM	25	25	21.34	21.27	21.11		
10	16QAM	50	0	21.46	21.30	21.12		
10	64QAM	1	0	21.73	21.56	21.35		
10	64QAM	1	25	21.70	21.43	21.38	23	2
10	64QAM	1	49	21.42	21.21	21.29		
10	64QAM	25	0	20.45	20.32	20.12		
10	64QAM	25	12	20.54	20.20	20.17	22	3
10	64QAM	25	25	20.37	20.24	20.20		
10	64QAM	50	0	20.47	20.26	20.06		
10	256QAM	1	0	18.38	18.41	18.38		
10	256QAM	1	25	18.38	18.39	18.47	20	5
10	256QAM	1	49	18.32	18.31	18.43		
10	256QAM	25	0	18.35	18.35	18.38		
10	256QAM	25	12	18.25	18.21	18.21	20	5
10	256QAM	25	25	18.32	18.30	18.43		
10	256QAM	50	0	18.43	18.33	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.53	23.32		
5	QPSK	1	12	23.41	23.29	23.09	25	0
5	QPSK	1	24	23.26	23.23	23.11		
5	QPSK	12	0	22.41	22.50	22.28		
5	QPSK	12	7	22.31	22.25	22.08	24	1
5	QPSK	12	13	22.31	22.26	22.07		
5	QPSK	25	0	22.43	22.42	22.12		
5	16QAM	1	0	22.69	22.64	22.43		
5	16QAM	1	12	22.70	22.59	22.25	24	1
5	16QAM	1	24	22.55	22.32	22.25		
5	16QAM	12	0	21.56	21.42	21.27		
5	16QAM	12	7	21.48	21.24	21.15	23	2
5	16QAM	12	13	21.34	21.27	21.17		
5	16QAM	25	0	21.38	21.34	21.19		
5	64QAM	1	0	21.74	21.51	21.31		
5	64QAM	1	12	21.70	21.41	21.35	23	2
5	64QAM	1	24	21.42	21.21	21.28		
5	64QAM	12	0	20.44	20.31	20.19		
5	64QAM	12	7	20.52	20.21	20.18	22	3
5	64QAM	12	13	20.40	20.31	20.20		
5	64QAM	25	0	20.42	20.35	20.16		
5	256QAM	1	0	18.42	18.44	18.35		
5	256QAM	1	12	18.32	18.38	18.46	20	5
5	256QAM	1	24	18.40	18.40	18.45		
5	256QAM	12	0	18.37	18.32	18.38		
5	256QAM	12	7	18.18	18.24	18.14	20	5
5	256QAM	12	13	18.28	18.30	18.37		
5	256QAM	25	0	18.38	18.27	18.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.49	23.49	23.35		
3	QPSK	1	8	23.47	23.22	23.09	25	0
3	QPSK	1	14	23.29	23.15	23.09		
3	QPSK	8	0	22.44	22.55	22.26		
3	QPSK	8	4	22.30	22.18	22.17	24	1
3	QPSK	8	7	22.34	22.16	22.18		
3	QPSK	15	0	22.32	22.48	22.13		
3	16QAM	1	0	22.76	22.67	22.41		
3	16QAM	1	8	22.76	22.54	22.33	24	1
3	16QAM	1	14	22.48	22.38	22.29		
3	16QAM	8	0	21.55	21.33	21.21		
3	16QAM	8	4	21.41	21.22	21.18	23	2
3	16QAM	8	7	21.42	21.30	21.11		
3	16QAM	15	0	21.41	21.26	21.13		
3	64QAM	1	0	21.68	21.48	21.41		
3	64QAM	1	8	21.63	21.44	21.38	23	2
3	64QAM	1	14	21.44	21.19	21.24		
3	64QAM	8	0	20.47	20.33	20.13		
3	64QAM	8	4	20.44	20.21	20.14	22	3
3	64QAM	8	7	20.39	20.29	20.16		
3	64QAM	15	0	20.41	20.35	20.10		
3	256QAM	1	0	18.44	18.44	18.39		
3	256QAM	1	8	18.37	18.32	18.38	20	5
3	256QAM	1	14	18.43	18.35	18.45		
3	256QAM	8	0	18.40	18.28	18.36		
3	256QAM	8	4	18.17	18.21	18.17	20	5
3	256QAM	8	7	18.29	18.31	18.44		
3	256QAM	15	0	18.40	18.31	18.33		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.48	23.47	23.37		
1.4	QPSK	1	3	23.38	23.33	23.06		
1.4	QPSK	1	5	23.24	23.26	23.16	25	0
1.4	QPSK	3	0	23.46	23.48	23.33		
1.4	QPSK	3	1	23.47	23.24	23.12		
1.4	QPSK	3	3	23.28	23.25	23.14		
1.4	QPSK	6	0	22.35	22.39	22.07	24	1
1.4	16QAM	1	0	22.72	22.64	22.38		
1.4	16QAM	1	3	22.69	22.56	22.35		
1.4	16QAM	1	5	22.51	22.32	22.22	24	1
1.4	16QAM	3	0	22.37	22.55	22.17		
1.4	16QAM	3	1	22.31	22.23	22.08		
1.4	16QAM	3	3	22.33	22.26	22.18		
1.4	16QAM	6	0	21.36	21.31	21.21	23	2
1.4	64QAM	1	0	21.77	21.53	21.32		
1.4	64QAM	1	3	21.68	21.34	21.31		
1.4	64QAM	1	5	21.40	21.23	21.25	23	2
1.4	64QAM	3	0	21.46	21.38	21.21		
1.4	64QAM	3	1	21.48	21.25	21.14		
1.4	64QAM	3	3	21.36	21.25	21.15		
1.4	64QAM	6	0	20.38	20.27	20.16	22	3
1.4	256QAM	1	0	18.46	18.40	18.36		
1.4	256QAM	1	3	18.34	18.37	18.44		
1.4	256QAM	1	5	18.32	18.36	18.43	20	5
1.4	256QAM	3	0	18.37	18.36	18.42		
1.4	256QAM	3	1	18.17	18.26	18.16		
1.4	256QAM	3	3	18.32	18.34	18.47		
1.4	256QAM	6	0	18.42	18.27	18.28	20	5

Band 38_Ant 4_Other PA

BW [MHz]	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	22.25	22.26	22.21	23.5	0
20	QPSK	1	49	22.17	22.08	22.05		
20	QPSK	1	99	22.25	22.14	22.20		
20	QPSK	50	0	21.18	21.24	21.16	22.5	1
20	QPSK	50	24	21.14	21.16	21.05		
20	QPSK	50	50	21.17	21.08	21.06		
20	QPSK	100	0	21.14	21.15	21.11		
20	16QAM	1	0	21.18	21.17	21.02	22.5	1
20	16QAM	1	49	21.25	21.10	21.08		
20	16QAM	1	99	21.27	21.13	21.07		
20	16QAM	50	0	20.19	20.16	20.02	21.5	2
20	16QAM	50	24	20.18	20.02	20.05		
20	16QAM	50	50	20.24	20.15	20.10		
20	16QAM	100	0	20.20	20.08	20.16		
20	64QAM	1	0	19.93	19.78	19.83	21.5	2
20	64QAM	1	49	19.89	19.84	19.78		
20	64QAM	1	99	20.02	19.84	19.87		
20	64QAM	50	0	19.17	19.15	19.13	20.5	3
20	64QAM	50	24	19.16	19.02	19.00		
20	64QAM	50	50	19.19	19.20	19.05		
20	64QAM	100	0	19.22	19.13	19.11		
20	256QAM	1	0	16.89	16.82	16.76	18.5	5
20	256QAM	1	49	16.79	16.70	16.73		
20	256QAM	1	99	16.75	16.71	16.59		
20	256QAM	50	0	16.98	17.04	17.04	18.5	5
20	256QAM	50	24	17.06	17.06	17.00		
20	256QAM	50	50	16.93	16.87	17.02		
20	256QAM	100	0	16.88	16.89	16.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.15	22.15	22.02	23.5	0
15	QPSK	1	37	22.12	21.93	21.79		
15	QPSK	1	74	22.20	21.99	22.12		
15	QPSK	36	0	21.11	21.18	20.92	22.5	1
15	QPSK	36	20	21.02	21.04	20.94		
15	QPSK	36	39	21.04	21.01	20.98		
15	QPSK	75	0	21.00	21.09	21.01		
15	16QAM	1	0	21.11	21.11	20.88	22.5	1
15	16QAM	1	37	21.20	21.00	21.03		
15	16QAM	1	74	21.22	21.03	20.97		
15	16QAM	36	0	20.12	20.03	19.91	21.5	2
15	16QAM	36	20	20.04	19.92	19.99		
15	16QAM	36	39	20.10	20.06	19.98		
15	16QAM	75	0	20.06	19.96	20.06		
15	64QAM	1	0	19.78	19.62	19.67	21.5	2
15	64QAM	1	37	19.79	19.68	19.69		
15	64QAM	1	74	19.89	19.77	19.77		
15	64QAM	36	0	19.11	19.03	18.97	20.5	3
15	64QAM	36	20	19.02	18.96	18.95		
15	64QAM	36	39	19.04	19.14	19.00		
15	64QAM	75	0	19.12	19.01	19.03		
15	256QAM	1	0	16.73	16.75	16.71	18.5	5
15	256QAM	1	37	16.64	16.59	16.60		
15	256QAM	1	74	16.61	16.62	16.54		
15	256QAM	36	0	16.91	16.93	16.97	18.5	5
15	256QAM	36	20	16.94	16.97	16.94		
15	256QAM	36	39	16.86	16.72	16.88		
15	256QAM	75	0	16.78	16.84	16.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.18	22.09	22.02	23.5	0
10	QPSK	1	25	22.04	21.98	21.79		
10	QPSK	1	49	22.19	22.08	22.11		
10	QPSK	25	0	21.05	21.18	20.90	22.5	1
10	QPSK	25	12	21.01	21.11	20.95		
10	QPSK	25	25	21.11	20.96	21.01		
10	QPSK	50	0	21.05	21.06	20.98		
10	16QAM	1	0	21.10	21.12	20.84	22.5	1
10	16QAM	1	25	21.20	21.02	20.99		
10	16QAM	1	49	21.22	20.98	21.01		
10	16QAM	25	0	20.10	20.03	19.91	21.5	2
10	16QAM	25	12	20.12	19.91	19.99		
10	16QAM	25	25	20.16	20.10	19.95		
10	16QAM	50	0	20.11	20.02	20.03		
10	64QAM	1	0	19.83	19.70	19.74	21.5	2
10	64QAM	1	25	19.78	19.68	19.69		
10	64QAM	1	49	19.87	19.70	19.79		
10	64QAM	25	0	19.05	18.99	19.03	20.5	3
10	64QAM	25	12	19.11	18.87	18.90		
10	64QAM	25	25	19.04	19.07	18.91		
10	64QAM	50	0	19.07	18.98	19.03		
10	256QAM	1	0	16.84	16.72	16.62	18.5	5
10	256QAM	1	25	16.72	16.65	16.61		
10	256QAM	1	49	16.66	16.63	16.53		
10	256QAM	25	0	16.83	16.91	16.98	18.5	5
10	256QAM	25	12	16.99	17.00	16.95		
10	256QAM	25	25	16.86	16.77	16.86		
10	256QAM	50	0	16.76	16.83	16.80		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.12	21.94	23.5	0
5	QPSK	1	12	22.03	21.94	21.90		
5	QPSK	1	24	22.09	22.09	22.07		
5	QPSK	12	0	21.05	21.16	20.97	22.5	1
5	QPSK	12	7	21.05	21.10	20.97		
5	QPSK	12	13	21.06	20.93	21.00		
5	QPSK	25	0	21.07	21.08	21.01		
5	16QAM	1	0	21.08	21.03	20.87	22.5	1
5	16QAM	1	12	21.11	21.00	20.93		
5	16QAM	1	24	21.14	21.06	20.91		
5	16QAM	12	0	20.11	20.11	19.87	21.5	2
5	16QAM	12	7	20.10	19.92	19.97		
5	16QAM	12	13	20.14	20.06	19.97		
5	16QAM	25	0	20.11	19.96	20.08		
5	64QAM	1	0	19.84	19.62	19.69	21.5	2
5	64QAM	1	12	19.80	19.70	19.66		
5	64QAM	1	24	19.93	19.73	19.72		
5	64QAM	12	0	19.05	19.06	19.01	20.5	3
5	64QAM	12	7	19.10	18.91	18.93		
5	64QAM	12	13	19.14	19.15	18.91		
5	64QAM	25	0	19.06	19.04	18.95		
5	256QAM	1	0	16.83	16.68	16.68	18.5	5
5	256QAM	1	12	16.63	16.56	16.59		
5	256QAM	1	24	16.70	16.64	16.50		
5	256QAM	12	0	16.93	16.93	16.95	18.5	5
5	256QAM	12	7	16.92	16.91	16.89		
5	256QAM	12	13	16.86	16.78	16.88		
5	256QAM	25	0	16.83	16.78	16.79		

Band 38_Ant 2_Other PA

BW [MHz]	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	22.78	22.79	22.66	24.5	0
20	QPSK	1	49	22.71	22.67	22.50		
20	QPSK	1	99	22.67	22.67	22.59		
20	QPSK	50	0	21.76	21.77	21.63	23.5	1
20	QPSK	50	24	21.75	21.62	21.51		
20	QPSK	50	50	21.71	21.67	21.62		
20	QPSK	100	0	21.75	21.76	21.54		
20	16QAM	1	0	21.86	21.71	21.70	23.5	1
20	16QAM	1	49	21.91	21.77	21.58		
20	16QAM	1	99	21.84	21.77	21.65		
20	16QAM	50	0	20.81	20.74	20.71	22.5	2
20	16QAM	50	24	20.81	20.79	20.58		
20	16QAM	50	50	20.81	20.74	20.70		
20	16QAM	100	0	20.89	20.75	20.70		
20	64QAM	1	0	20.76	20.66	20.51	22.5	2
20	64QAM	1	49	20.73	20.62	20.53		
20	64QAM	1	99	20.70	20.52	20.59		
20	64QAM	50	0	19.83	19.68	19.64	21.5	3
20	64QAM	50	24	19.76	19.68	19.66		
20	64QAM	50	50	19.83	19.76	19.69		
20	64QAM	100	0	19.78	19.69	19.62		
20	256QAM	1	0	17.55	17.62	17.67	19.5	5
20	256QAM	1	49	17.66	17.61	17.57		
20	256QAM	1	99	17.54	17.53	17.56		
20	256QAM	50	0	17.71	17.67	17.74	19.5	5
20	256QAM	50	24	17.57	17.61	17.69		
20	256QAM	50	50	17.60	17.60	17.74		
20	256QAM	100	0	17.63	17.57	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.72	22.61	24.5	0
15	QPSK	1	37	22.69	22.68	22.55		
15	QPSK	1	74	22.71	22.63	22.56		
15	QPSK	36	0	21.70	21.64	21.65	23.5	1
15	QPSK	36	20	21.80	21.65	21.56		
15	QPSK	36	39	21.74	21.66	21.63		
15	QPSK	75	0	21.73	21.66	21.51		
15	16QAM	1	0	21.79	21.57	21.61	23.5	1
15	16QAM	1	37	21.81	21.63	21.50		
15	16QAM	1	74	21.76	21.67	21.51		
15	16QAM	36	0	20.73	20.66	20.61	22.5	2
15	16QAM	36	20	20.69	20.65	20.59		
15	16QAM	36	39	20.71	20.68	20.59		
15	16QAM	75	0	20.75	20.61	20.60		
15	64QAM	1	0	20.77	20.68	20.54	22.5	2
15	64QAM	1	37	20.72	20.65	20.51		
15	64QAM	1	74	20.67	20.53	20.50		
15	64QAM	36	0	19.70	19.61	19.57	21.5	3
15	64QAM	36	20	19.69	19.56	19.55		
15	64QAM	36	39	19.78	19.70	19.62		
15	64QAM	75	0	19.70	19.53	19.57		
15	256QAM	1	0	17.61	17.68	17.81	19.5	5
15	256QAM	1	37	17.58	17.55	17.52		
15	256QAM	1	74	17.53	17.50	17.51		
15	256QAM	36	0	17.85	17.81	17.88	19.5	5
15	256QAM	36	20	17.54	17.56	17.63		
15	256QAM	36	39	17.55	17.59	17.68		
15	256QAM	75	0	17.57	17.59	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.69	22.70	24.5	0
10	QPSK	1	25	22.72	22.71	22.55		
10	QPSK	1	49	22.68	22.68	22.56		
10	QPSK	25	0	21.66	21.66	21.58	23.5	1
10	QPSK	25	12	21.76	21.65	21.59		
10	QPSK	25	25	21.67	21.64	21.65		
10	QPSK	50	0	21.75	21.68	21.57		
10	16QAM	1	0	21.81	21.60	21.64	23.5	1
10	16QAM	1	25	21.77	21.68	21.59		
10	16QAM	1	49	21.74	21.71	21.59		
10	16QAM	25	0	20.71	20.61	20.62	22.5	2
10	16QAM	25	12	20.73	20.72	20.57		
10	16QAM	25	25	20.70	20.67	20.63		
10	16QAM	50	0	20.82	20.60	20.63		
10	64QAM	1	0	20.80	20.60	20.52	22.5	2
10	64QAM	1	25	20.73	20.64	20.51		
10	64QAM	1	49	20.64	20.55	20.55		
10	64QAM	25	0	19.77	19.62	19.51	21.5	3
10	64QAM	25	12	19.71	19.57	19.60		
10	64QAM	25	25	19.74	19.70	19.64		
10	64QAM	50	0	19.80	19.63	19.61		
10	256QAM	1	0	17.57	17.60	17.65	19.5	5
10	256QAM	1	25	17.51	17.53	17.50		
10	256QAM	1	49	17.52	17.53	17.55		
10	256QAM	25	0	17.65	17.70	17.74	19.5	5
10	256QAM	25	12	17.61	17.55	17.65		
10	256QAM	25	25	17.61	17.54	17.72		
10	256QAM	50	0	17.59	17.56	17.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.71	22.60	24.5	0
5	QPSK	1	12	22.69	22.65	22.53		
5	QPSK	1	24	22.66	22.70	22.61		
5	QPSK	12	0	21.73	21.65	21.59	23.5	1
5	QPSK	12	7	21.78	21.60	21.50		
5	QPSK	12	13	21.75	21.67	21.62		
5	QPSK	25	0	21.70	21.74	21.59		
5	16QAM	1	0	21.81	21.63	21.56	23.5	1
5	16QAM	1	12	21.75	21.70	21.53		
5	16QAM	1	24	21.71	21.71	21.54		
5	16QAM	12	0	20.69	20.63	20.64	22.5	2
5	16QAM	12	7	20.68	20.65	20.52		
5	16QAM	12	13	20.70	20.58	20.57		
5	16QAM	25	0	20.84	20.61	20.58		
5	64QAM	1	0	20.70	20.70	20.51	22.5	2
5	64QAM	1	12	20.76	20.59	20.53		
5	64QAM	1	24	20.67	20.52	20.53		
5	64QAM	12	0	19.86	19.69	19.62	21.5	3
5	64QAM	12	7	19.71	19.71	19.60		
5	64QAM	12	13	19.80	19.71	19.69		
5	64QAM	25	0	19.78	19.64	19.66		
5	256QAM	1	0	17.57	17.64	17.65	19.5	5
5	256QAM	1	12	17.54	17.51	17.55		
5	256QAM	1	24	17.55	17.52	17.53		
5	256QAM	12	0	17.74	17.66	17.74	19.5	5
5	256QAM	12	7	17.62	17.60	17.69		
5	256QAM	12	13	17.57	17.65	17.68		
5	256QAM	25	0	17.64	17.58	17.58		

Band 38_Ant 5_Other PA

BW [MHz]	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	24.06	24.11	24.04	25.5	0
20	QPSK	1	49	24.05	23.94	23.79		
20	QPSK	1	99	24.01	24.02	23.96		
20	QPSK	50	0	23.08	23.13	23.10	24.5	1
20	QPSK	50	24	23.00	23.02	22.90		
20	QPSK	50	50	23.03	23.11	22.98		
20	QPSK	100	0	23.01	23.11	23.03		
20	16QAM	1	0	23.08	23.05	22.98	24.5	1
20	16QAM	1	49	23.09	23.09	22.98		
20	16QAM	1	99	23.16	23.04	23.05		
20	16QAM	50	0	22.02	21.96	21.96	23.5	2
20	16QAM	50	24	22.12	22.07	21.95		
20	16QAM	50	50	22.09	22.01	22.03		
20	16QAM	100	0	22.03	22.06	22.02		
20	64QAM	1	0	21.85	21.73	21.78	23.5	2
20	64QAM	1	49	21.88	21.81	21.69		
20	64QAM	1	99	21.91	21.89	21.78		
20	64QAM	50	0	21.07	20.95	20.95	22.5	3
20	64QAM	50	24	21.00	20.98	20.94		
20	64QAM	50	50	21.07	21.05	21.00		
20	64QAM	100	0	21.11	21.06	21.02		
20	256QAM	1	0	18.71	18.68	18.54	20.5	5
20	256QAM	1	49	18.64	18.62	18.68		
20	256QAM	1	99	18.64	18.60	18.70		
20	256QAM	50	0	18.96	18.87	18.81	20.5	5
20	256QAM	50	24	18.92	18.90	18.81		
20	256QAM	50	50	18.84	18.85	18.90		
20	256QAM	100	0	18.84	18.83	18.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.92	24.01	23.98	25.5	0
15	QPSK	1	37	23.99	23.81	23.73		
15	QPSK	1	74	23.94	23.97	23.89		
15	QPSK	36	0	23.01	23.03	22.96	24.5	1
15	QPSK	36	20	22.89	22.91	22.77		
15	QPSK	36	39	22.89	22.97	22.92		
15	QPSK	75	0	22.86	22.99	22.93		
15	16QAM	1	0	22.97	22.90	22.92	24.5	1
15	16QAM	1	37	22.93	22.96	22.84		
15	16QAM	1	74	23.09	22.97	22.90		
15	16QAM	36	0	21.95	21.82	21.80	23.5	2
15	16QAM	36	20	21.96	21.96	21.84		
15	16QAM	36	39	22.00	21.94	21.94		
15	16QAM	75	0	21.96	22.01	21.93		
15	64QAM	1	0	21.69	21.63	21.67	23.5	2
15	64QAM	1	37	21.78	21.76	21.58		
15	64QAM	1	74	21.86	21.83	21.71		
15	64QAM	36	0	20.99	20.83	20.81	22.5	3
15	64QAM	36	20	20.91	20.82	20.85		
15	64QAM	36	39	20.93	21.00	20.89		
15	64QAM	75	0	21.01	20.94	20.90		
15	256QAM	1	0	18.60	18.63	18.56	20.5	5
15	256QAM	1	37	18.50	18.55	18.57		
15	256QAM	1	74	18.59	18.54	18.63		
15	256QAM	36	0	18.80	18.80	18.76	20.5	5
15	256QAM	36	20	18.85	18.76	18.74		
15	256QAM	36	39	18.70	18.79	18.77		
15	256QAM	75	0	18.75	18.68	18.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.92	24.02	23.89	25.5	0
10	QPSK	1	25	23.97	23.89	23.70		
10	QPSK	1	49	23.96	23.96	23.90		
10	QPSK	25	0	22.92	22.98	23.05	24.5	1
10	QPSK	25	12	22.94	22.97	22.85		
10	QPSK	25	25	22.97	23.05	22.83		
10	QPSK	50	0	22.88	22.99	22.93		
10	16QAM	1	0	23.02	22.92	22.90	24.5	1
10	16QAM	1	25	23.01	23.04	22.89		
10	16QAM	1	49	23.11	22.93	22.98		
10	16QAM	25	0	21.86	21.90	21.91	23.5	2
10	16QAM	25	12	22.00	21.96	21.90		
10	16QAM	25	25	21.96	21.92	21.97		
10	16QAM	50	0	21.92	21.91	21.90		
10	64QAM	1	0	21.80	21.60	21.71	23.5	2
10	64QAM	1	25	21.83	21.67	21.59		
10	64QAM	1	49	21.82	21.83	21.71		
10	64QAM	25	0	20.94	20.81	20.84	22.5	3
10	64QAM	25	12	20.85	20.89	20.84		
10	64QAM	25	25	21.01	20.92	20.91		
10	64QAM	50	0	20.96	20.97	20.90		
10	256QAM	1	0	18.55	18.56	18.55	20.5	5
10	256QAM	1	25	18.52	18.54	18.53		
10	256QAM	1	49	18.57	18.59	18.55		
10	256QAM	25	0	18.80	18.77	18.65	20.5	5
10	256QAM	25	12	18.76	18.84	18.72		
10	256QAM	25	25	18.68	18.75	18.74		
10	256QAM	50	0	18.70	18.75	18.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.01	24.00	23.94	25.5	0
5	QPSK	1	12	23.98	23.83	23.69		
5	QPSK	1	24	23.88	23.86	23.91		
5	QPSK	12	0	23.00	23.07	23.01	24.5	1
5	QPSK	12	7	22.91	22.87	22.83		
5	QPSK	12	13	22.88	22.96	22.93		
5	QPSK	25	0	22.89	23.01	22.89		
5	16QAM	1	0	23.01	22.89	22.87	24.5	1
5	16QAM	1	12	22.95	23.03	22.87		
5	16QAM	1	24	23.00	22.99	22.99		
5	16QAM	12	0	21.88	21.90	21.88	23.5	2
5	16QAM	12	7	21.96	22.01	21.84		
5	16QAM	12	13	21.98	21.95	21.95		
5	16QAM	25	0	21.97	21.93	21.88		
5	64QAM	1	0	21.78	21.66	21.72	23.5	2
5	64QAM	1	12	21.76	21.70	21.56		
5	64QAM	1	24	21.77	21.73	21.69		
5	64QAM	12	0	20.97	20.88	20.89	22.5	3
5	64QAM	12	7	20.88	20.89	20.82		
5	64QAM	12	13	20.92	21.00	20.87		
5	64QAM	25	0	21.02	20.99	20.95		
5	256QAM	1	0	18.66	18.52	18.53	20.5	5
5	256QAM	1	12	18.55	18.58	18.59		
5	256QAM	1	24	18.50	18.55	18.58		
5	256QAM	12	0	18.81	18.72	18.66	20.5	5
5	256QAM	12	7	18.86	18.78	18.76		
5	256QAM	12	13	18.78	18.74	18.84		
5	256QAM	25	0	18.70	18.72	18.83		

Band 38_Ant 3_Other PA

BW [MHz]	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	24.19	24.23	24.10	25	0
20	QPSK	1	49	24.16	24.21	23.97		
20	QPSK	1	99	24.15	24.19	24.06		
20	QPSK	50	0	23.17	23.18	23.11	24	1
20	QPSK	50	24	23.12	23.07	23.06		
20	QPSK	50	50	23.13	23.07	23.10		
20	QPSK	100	0	23.07	23.13	23.05		
20	16QAM	1	0	23.16	23.07	23.06	24	1
20	16QAM	1	49	23.25	23.19	22.97		
20	16QAM	1	99	23.16	23.11	23.11		
20	16QAM	50	0	22.16	22.10	22.04	23	2
20	16QAM	50	24	22.20	22.11	22.04		
20	16QAM	50	50	22.17	22.09	22.02		
20	16QAM	100	0	22.15	22.14	22.09		
20	64QAM	1	0	21.87	21.81	21.79	23	2
20	64QAM	1	49	21.86	21.90	21.79		
20	64QAM	1	99	21.95	21.83	21.87		
20	64QAM	50	0	21.09	21.02	21.07	22	3
20	64QAM	50	24	21.15	21.07	20.95		
20	64QAM	50	50	21.14	21.05	21.04		
20	64QAM	100	0	21.16	21.11	21.02		
20	256QAM	1	0	18.84	18.89	18.95	20	5
20	256QAM	1	49	18.65	18.77	18.75		
20	256QAM	1	99	18.78	18.65	18.75		
20	256QAM	50	0	19.08	18.93	19.04	20	5
20	256QAM	50	24	18.86	18.94	18.91		
20	256QAM	50	50	18.90	18.81	18.88		
20	256QAM	100	0	18.87	18.81	18.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.03	24.09	24.05	25	0
15	QPSK	1	37	24.04	24.05	23.87		
15	QPSK	1	74	24.05	24.12	23.99		
15	QPSK	36	0	23.12	23.06	22.98	24	1
15	QPSK	36	20	23.04	22.97	22.96		
15	QPSK	36	39	22.99	22.96	22.95		
15	QPSK	75	0	22.98	23.01	22.94		
15	16QAM	1	0	23.00	22.93	23.00	24	1
15	16QAM	1	37	23.13	23.06	22.92		
15	16QAM	1	74	23.05	23.05	23.02		
15	16QAM	36	0	22.09	21.94	21.92	23	2
15	16QAM	36	20	22.15	21.98	21.98		
15	16QAM	36	39	22.04	22.02	21.96		
15	16QAM	75	0	22.03	22.06	22.02		
15	64QAM	1	0	21.73	21.73	21.66	23	2
15	64QAM	1	37	21.77	21.82	21.73		
15	64QAM	1	74	21.88	21.75	21.74		
15	64QAM	36	0	21.01	20.96	20.93	22	3
15	64QAM	36	20	21.02	20.99	20.84		
15	64QAM	36	39	21.09	20.94	20.97		
15	64QAM	75	0	21.09	21.00	20.96		
15	256QAM	1	0	18.79	18.73	18.86	20	5
15	256QAM	1	37	18.52	18.70	18.69		
15	256QAM	1	74	18.70	18.57	18.60		
15	256QAM	36	0	19.01	18.87	18.88	20	5
15	256QAM	36	20	18.76	18.86	18.84		
15	256QAM	36	39	18.85	18.67	18.73		
15	256QAM	75	0	18.82	18.76	18.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.08	24.10	24.04	25	0
10	QPSK	1	25	24.10	24.10	23.84		
10	QPSK	1	49	24.01	24.04	23.95		
10	QPSK	25	0	23.02	23.05	22.96	24	1
10	QPSK	25	12	23.02	22.94	22.92		
10	QPSK	25	25	22.99	22.93	22.95		
10	QPSK	50	0	22.96	23.01	22.91		
10	16QAM	1	0	23.08	22.97	22.99	24	1
10	16QAM	1	25	23.14	23.07	22.83		
10	16QAM	1	49	23.11	23.03	23.05		
10	16QAM	25	0	22.08	21.95	21.93	23	2
10	16QAM	25	12	22.14	22.04	21.99		
10	16QAM	25	25	22.07	21.98	21.91		
10	16QAM	50	0	22.09	22.04	21.95		
10	64QAM	1	0	21.72	21.66	21.68	23	2
10	64QAM	1	25	21.77	21.74	21.64		
10	64QAM	1	49	21.81	21.76	21.78		
10	64QAM	25	0	20.98	20.94	20.97	22	3
10	64QAM	25	12	21.01	20.92	20.80		
10	64QAM	25	25	21.00	20.90	20.99		
10	64QAM	50	0	21.10	21.00	20.96		
10	256QAM	1	0	18.79	18.82	18.89	20	5
10	256QAM	1	25	18.56	18.62	18.64		
10	256QAM	1	49	18.65	18.56	18.60		
10	256QAM	25	0	18.99	18.86	18.97	20	5
10	256QAM	25	12	18.81	18.80	18.86		
10	256QAM	25	25	18.81	18.66	18.83		
10	256QAM	50	0	18.78	18.65	18.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.12	24.12	24.05	25	0
5	QPSK	1	12	24.06	24.13	23.83		
5	QPSK	1	24	24.07	24.04	23.99		
5	QPSK	12	0	23.05	23.06	23.02	24	1
5	QPSK	12	7	23.01	22.98	22.99		
5	QPSK	12	13	23.04	23.00	23.01		
5	QPSK	25	0	23.00	23.08	23.00		
5	16QAM	1	0	23.06	22.96	22.96	24	1
5	16QAM	1	12	23.16	23.03	22.87		
5	16QAM	1	24	23.06	22.97	23.05		
5	16QAM	12	0	22.01	21.98	21.88	23	2
5	16QAM	12	7	22.13	22.04	21.91		
5	16QAM	12	13	22.11	22.02	21.96		
5	16QAM	25	0	22.05	22.05	21.96		
5	64QAM	1	0	21.72	21.69	21.68	23	2
5	64QAM	1	12	21.81	21.79	21.63		
5	64QAM	1	24	21.83	21.77	21.74		
5	64QAM	12	0	20.97	20.87	20.94	22	3
5	64QAM	12	7	21.09	20.93	20.81		
5	64QAM	12	13	21.04	20.97	20.90		
5	64QAM	25	0	21.08	21.03	20.92		
5	256QAM	1	0	18.79	18.76	18.85	20	5
5	256QAM	1	12	18.49	18.70	18.59		
5	256QAM	1	24	18.65	18.50	18.61		
5	256QAM	12	0	18.96	18.82	18.99	20	5
5	256QAM	12	7	18.76	18.85	18.75		
5	256QAM	12	13	18.77	18.65	18.79		
5	256QAM	25	0	18.75	18.68	18.66		

Band 41_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.62	21.73	21.53	21.44	21.25	23	0
20	QPSK	1	49	21.58	21.35	21.52	21.33	21.16		
20	QPSK	1	99	21.61	21.56	21.52	21.24	21.24		
20	QPSK	50	0	20.57	20.62	20.58	20.28	20.42	22	1
20	QPSK	50	24	20.46	20.44	20.51	20.21	20.22		
20	QPSK	50	50	20.48	20.39	20.45	20.21	20.38		
20	QPSK	100	0	20.52	20.53	20.50	20.15	20.33		
20	16QAM	1	0	20.67	20.47	20.42	20.05	20.27	22	1
20	16QAM	1	49	20.65	20.55	20.64	20.29	20.24		
20	16QAM	1	99	20.61	20.38	20.53	20.32	20.47		
20	16QAM	50	0	19.53	19.44	19.51	19.21	19.19	21	2
20	16QAM	50	24	19.49	19.27	19.55	19.35	19.30		
20	16QAM	50	50	19.56	19.45	19.52	19.24	19.35		
20	16QAM	100	0	19.52	19.28	19.61	19.35	19.29		
20	64QAM	1	0	19.24	19.16	19.21	19.02	19.03	21	2
20	64QAM	1	49	19.25	19.14	19.29	19.09	19.06		
20	64QAM	1	99	19.30	19.09	19.25	19.08	19.11		
20	64QAM	50	0	18.59	18.43	18.58	18.17	18.15	20	3
20	64QAM	50	24	18.55	18.45	18.62	18.22	18.21		
20	64QAM	50	50	18.56	18.50	18.52	18.34	18.27		
20	64QAM	100	0	18.66	18.37	18.48	18.20	18.34		
20	256QAM	1	0	16.09	16.23	16.04	16.15	16.24	18	5
20	256QAM	1	49	16.06	16.12	16.05	16.13	16.06		
20	256QAM	1	99	16.01	16.03	16.03	16.05	16.02		
20	256QAM	50	0	16.42	16.19	16.25	16.22	16.29	18	5
20	256QAM	50	24	16.21	16.14	16.40	16.35	16.31		
20	256QAM	50	50	16.14	16.23	16.14	16.14	16.14		
20	256QAM	100	0	16.23	16.24	16.23	16.34	16.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.42	21.61	21.41	21.36	21.09	23	0
15	QPSK	1	37	21.42	21.27	21.42	21.25	21.11		
15	QPSK	1	74	21.48	21.48	21.46	21.08	21.14		
15	QPSK	36	0	20.43	20.52	20.47	20.21	20.26	22	1
15	QPSK	36	20	20.39	20.28	20.35	20.11	20.14		
15	QPSK	36	39	20.38	20.24	20.29	20.05	20.23		
15	QPSK	75	0	20.38	20.47	20.39	20.07	20.20		
15	16QAM	1	0	20.59	20.36	20.29	20.02	20.22	22	1
15	16QAM	1	37	20.53	20.42	20.49	20.23	20.13		
15	16QAM	1	74	20.55	20.29	20.40	20.22	20.42		
15	16QAM	36	0	19.39	19.36	19.35	19.12	19.07	21	2
15	16QAM	36	20	19.33	19.22	19.45	19.29	19.14		
15	16QAM	36	39	19.51	19.31	19.40	19.16	19.23		
15	16QAM	75	0	19.36	19.22	19.49	19.29	19.20		
15	64QAM	1	0	19.13	19.10	19.15	19.02	19.03	21	2
15	64QAM	1	37	19.15	19.09	19.14	19.00	19.03		
15	64QAM	1	74	19.19	19.00	19.12	19.03	19.01		
15	64QAM	36	0	18.51	18.28	18.43	18.09	18.00	20	3
15	64QAM	36	20	18.46	18.32	18.54	18.11	18.12		
15	64QAM	36	39	18.46	18.40	18.47	18.20	18.22		
15	64QAM	75	0	18.58	18.26	18.40	18.05	18.18		
15	256QAM	1	0	16.01	16.17	16.03	16.04	16.08	18	5
15	256QAM	1	37	16.01	16.02	16.02	16.01	16.02		
15	256QAM	1	74	16.03	16.03	16.04	16.06	16.07		
15	256QAM	36	0	16.35	16.06	16.09	16.07	16.23	18	5
15	256QAM	36	20	16.16	16.04	16.27	16.29	16.21		
15	256QAM	36	39	16.06	16.10	16.01	16.02	16.01		
15	256QAM	75	0	16.08	16.14	16.11	16.23	16.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.47	21.65	21.45	21.35	21.20	23	0
10	QPSK	1	25	21.51	21.23	21.38	21.28	21.06		
10	QPSK	1	49	21.51	21.47	21.42	21.16	21.13		
10	QPSK	25	0	20.50	20.50	20.47	20.21	20.36	22	1
10	QPSK	25	12	20.35	20.35	20.42	20.13	20.10		
10	QPSK	25	25	20.42	20.27	20.34	20.06	20.31		
10	QPSK	50	0	20.44	20.45	20.39	20.01	20.28		
10	16QAM	1	0	20.53	20.41	20.26	20.02	20.17	22	1
10	16QAM	1	25	20.60	20.48	20.59	20.21	20.15		
10	16QAM	1	49	20.45	20.24	20.39	20.25	20.42		
10	16QAM	25	0	19.46	19.31	19.43	19.05	19.03	21	2
10	16QAM	25	12	19.38	19.20	19.49	19.23	19.14		
10	16QAM	25	25	19.47	19.30	19.41	19.19	19.23		
10	16QAM	50	0	19.39	19.23	19.47	19.25	19.18		
10	64QAM	1	0	19.18	19.04	19.05	19.04	19.03	21	2
10	64QAM	1	25	19.16	19.08	19.18	19.04	19.03		
10	64QAM	1	49	19.17	19.04	19.15	19.05	19.00		
10	64QAM	25	0	18.53	18.38	18.53	18.10	18.07	20	3
10	64QAM	25	12	18.44	18.30	18.48	18.17	18.08		
10	64QAM	25	25	18.41	18.45	18.41	18.19	18.16		
10	64QAM	50	0	18.53	18.32	18.35	18.08	18.23		
10	256QAM	1	0	16.04	16.10	16.04	16.00	16.14	18	5
10	256QAM	1	25	16.03	16.02	16.05	16.07	16.01		
10	256QAM	1	49	16.05	16.03	16.05	16.02	16.04		
10	256QAM	25	0	16.33	16.12	16.14	16.10	16.17	18	5
10	256QAM	25	12	16.16	16.00	16.31	16.26	16.24		
10	256QAM	25	25	16.01	16.12	16.03	16.02	16.06		
10	256QAM	50	0	16.15	16.18	16.08	16.28	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.46	21.65	21.36	21.39	21.14	23	0
5	QPSK	1	12	21.52	21.27	21.42	21.22	21.09		
5	QPSK	1	24	21.47	21.48	21.38	21.19	21.19		
5	QPSK	12	0	20.45	20.50	20.42	20.23	20.32	22	1
5	QPSK	12	7	20.31	20.29	20.40	20.08	20.13		
5	QPSK	12	13	20.35	20.26	20.33	20.16	20.31		
5	QPSK	25	0	20.43	20.42	20.42	20.08	20.25		
5	16QAM	1	0	20.59	20.41	20.28	20.03	20.18	22	1
5	16QAM	1	12	20.50	20.42	20.55	20.14	20.14		
5	16QAM	1	24	20.56	20.30	20.46	20.23	20.33		
5	16QAM	12	0	19.41	19.31	19.46	19.14	19.04	21	2
5	16QAM	12	7	19.43	19.18	19.47	19.22	19.18		
5	16QAM	12	13	19.48	19.29	19.41	19.18	19.27		
5	16QAM	25	0	19.39	19.14	19.53	19.30	19.14		
5	64QAM	1	0	19.14	19.07	19.13	19.02	19.03	21	2
5	64QAM	1	12	19.10	19.04	19.20	19.02	19.01		
5	64QAM	1	24	19.20	19.03	19.09	19.05	19.03		
5	64QAM	12	0	18.45	18.29	18.44	18.11	18.02	20	3
5	64QAM	12	7	18.40	18.31	18.49	18.14	18.15		
5	64QAM	12	13	18.44	18.44	18.47	18.28	18.16		
5	64QAM	25	0	18.54	18.23	18.35	18.14	18.29		
5	256QAM	1	0	16.04	16.07	16.05	16.10	16.18	18	5
5	256QAM	1	12	16.00	16.06	16.06	16.05	16.07		
5	256QAM	1	24	16.02	16.04	16.07	16.04	16.01		
5	256QAM	12	0	16.36	16.07	16.11	16.16	16.20	18	5
5	256QAM	12	7	16.07	16.06	16.27	16.28	16.19		
5	256QAM	12	13	16.04	16.14	16.09	16.07	16.09		
5	256QAM	25	0	16.09	16.13	16.12	16.19	16.21		

Band 41_Ant 2_Other PA

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	22.64	22.70	22.68	22.65	22.63	24.5	0
20	QPSK	1	49	22.63	22.68	22.63	22.61	22.57		
20	QPSK	1	99	22.57	22.66	22.61	22.63	22.62		
20	QPSK	50	0	21.62	21.68	21.66	21.63	21.61	23.5	1
20	QPSK	50	24	21.61	21.65	21.65	21.62	21.56		
20	QPSK	50	50	21.56	21.65	21.60	21.62	21.56		
20	QPSK	100	0	21.61	21.65	21.63	21.62	21.60		
20	16QAM	1	0	21.55	21.64	21.65	21.62	21.59	23.5	1
20	16QAM	1	49	21.57	21.64	21.65	21.62	21.59		
20	16QAM	1	99	21.57	21.64	21.60	21.60	21.59		
20	16QAM	50	0	20.62	20.66	20.65	20.63	20.62	22.5	2
20	16QAM	50	24	20.56	20.59	20.63	20.58	20.60		
20	16QAM	50	50	20.60	20.60	20.58	20.56	20.55		
20	16QAM	100	0	20.58	20.60	20.58	20.59	20.59		
20	64QAM	1	0	20.58	20.65	20.63	20.61	20.57	22.5	2
20	64QAM	1	49	20.59	20.60	20.61	20.57	20.56		
20	64QAM	1	99	20.57	20.59	20.64	20.61	20.59		
20	64QAM	50	0	19.65	19.66	19.67	19.63	19.62	21.5	3
20	64QAM	50	24	19.60	19.60	19.61	19.58	19.57		
20	64QAM	50	50	19.63	19.64	19.62	19.57	19.58		
20	64QAM	100	0	19.64	19.59	19.66	19.62	19.56		
20	256QAM	1	0	17.65	17.66	17.67	17.63	17.62	19.5	5
20	256QAM	1	49	17.61	17.62	17.60	17.56	17.56		
20	256QAM	1	99	17.61	17.62	17.66	17.61	17.57		
20	256QAM	50	0	17.61	17.62	17.60	17.59	17.59	19.5	5
20	256QAM	50	24	17.58	17.62	17.64	17.60	17.55		
20	256QAM	50	50	17.59	17.64	17.66	17.61	17.58		
20	256QAM	100	0	17.60	17.59	17.63	17.60	17.57		
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	22.59	22.65	22.64	22.60	22.61	24.5	0
15	QPSK	1	37	22.62	22.66	22.58	22.60	22.53		
15	QPSK	1	74	22.55	22.61	22.56	22.58	22.59		
15	QPSK	36	0	21.59	21.64	21.65	21.59	21.56	23.5	1
15	QPSK	36	20	21.59	21.61	21.63	21.60	21.54		
15	QPSK	36	39	21.52	21.63	21.57	21.60	21.51		
15	QPSK	75	0	21.57	21.64	21.58	21.57	21.58		
15	16QAM	1	0	21.52	21.63	21.63	21.61	21.56	23.5	1
15	16QAM	1	37	21.53	21.63	21.63	21.59	21.55		
15	16QAM	1	74	21.52	21.62	21.57	21.57	21.55		
15	16QAM	36	0	20.60	20.61	20.60	20.59	20.58	22.5	2
15	16QAM	36	20	20.55	20.57	20.59	20.54	20.57		
15	16QAM	36	39	20.57	20.59	20.54	20.51	20.52		
15	16QAM	75	0	20.57	20.57	20.55	20.54	20.54		
15	64QAM	1	0	20.55	20.64	20.60	20.56	20.55	22.5	2
15	64QAM	1	37	20.54	20.56	20.60	20.56	20.52		
15	64QAM	1	74	20.53	20.58	20.63	20.57	20.57		
15	64QAM	36	0	19.63	19.61	19.65	19.61	19.57	21.5	3
15	64QAM	36	20	19.58	19.55	19.58	19.55	19.56		
15	64QAM	36	39	19.59	19.61	19.60	19.53	19.56		
15	64QAM	75	0	19.60	19.54	19.64	19.60	19.55		
15	256QAM	1	0	17.60	17.63	17.63	17.58	17.57	19.5	5
15	256QAM	1	37	17.60	17.60	17.57	17.52	17.55		
15	256QAM	1	74	17.59	17.61	17.63	17.58	17.54		
15	256QAM	36	0	17.56	17.61	17.55	17.58	17.55	19.5	5
15	256QAM	36	20	17.55	17.61	17.60	17.57	17.52		
15	256QAM	36	39	17.58	17.60	17.61	17.56	17.53		
15	256QAM	75	0	17.59	17.58	17.60	17.56	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.67	22.64	22.63	22.59	24.5	0
10	QPSK	1	25	22.59	22.66	22.60	22.56	22.53		
10	QPSK	1	49	22.56	22.61	22.56	22.58	22.58		
10	QPSK	25	0	21.57	21.66	21.64	21.62	21.58	23.5	1
10	QPSK	25	12	21.59	21.62	21.62	21.58	21.52		
10	QPSK	25	25	21.54	21.60	21.58	21.59	21.53		
10	QPSK	50	0	21.56	21.60	21.61	21.60	21.59		
10	16QAM	1	0	21.52	21.63	21.61	21.61	21.58	23.5	1
10	16QAM	1	25	21.52	21.59	21.63	21.59	21.58		
10	16QAM	1	49	21.52	21.59	21.55	21.59	21.54		
10	16QAM	25	0	20.58	20.63	20.63	20.58	20.61	22.5	2
10	16QAM	25	12	20.55	20.56	20.60	20.56	20.57		
10	16QAM	25	25	20.59	20.58	20.53	20.53	20.50		
10	16QAM	50	0	20.53	20.56	20.53	20.57	20.54		
10	64QAM	1	0	20.55	20.62	20.61	20.60	20.52	22.5	2
10	64QAM	1	25	20.54	20.58	20.60	20.54	20.51		
10	64QAM	1	49	20.54	20.56	20.60	20.59	20.57		
10	64QAM	25	0	19.60	19.61	19.66	19.60	19.61	21.5	3
10	64QAM	25	12	19.58	19.57	19.60	19.55	19.55		
10	64QAM	25	25	19.60	19.60	19.58	19.54	19.53		
10	64QAM	50	0	19.59	19.57	19.64	19.57	19.52		
10	256QAM	1	0	17.63	17.64	17.64	17.59	17.61	19.5	5
10	256QAM	1	25	17.60	17.59	17.58	17.52	17.55		
10	256QAM	1	49	17.60	17.60	17.62	17.59	17.56		
10	256QAM	25	0	17.60	17.61	17.55	17.54	17.54	19.5	5
10	256QAM	25	12	17.56	17.58	17.63	17.58	17.50		
10	256QAM	25	25	17.57	17.63	17.62	17.58	17.53		
10	256QAM	50	0	17.59	17.57	17.61	17.59	17.54		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.60	22.67	22.63	22.62	22.61	24.5	0
5	QPSK	1	12	22.62	22.67	22.61	22.57	22.54		
5	QPSK	1	24	22.55	22.62	22.56	22.62	22.59		
5	QPSK	12	0	21.61	21.63	21.65	21.58	21.60	23.5	1
5	QPSK	12	7	21.59	21.61	21.61	21.59	21.55		
5	QPSK	12	13	21.51	21.64	21.55	21.58	21.55		
5	QPSK	25	0	21.59	21.62	21.59	21.60	21.57		
5	16QAM	1	0	21.54	21.61	21.60	21.61	21.54	23.5	1
5	16QAM	1	12	21.52	21.62	21.61	21.58	21.56		
5	16QAM	1	24	21.53	21.61	21.57	21.58	21.56		
5	16QAM	12	0	20.57	20.62	20.63	20.62	20.58	22.5	2
5	16QAM	12	7	20.55	20.57	20.61	20.54	20.57		
5	16QAM	12	13	20.57	20.57	20.53	20.55	20.52		
5	16QAM	25	0	20.53	20.59	20.57	20.54	20.56		
5	64QAM	1	0	20.53	20.63	20.62	20.60	20.52	22.5	2
5	64QAM	1	12	20.58	20.55	20.58	20.55	20.51		
5	64QAM	1	24	20.53	20.55	20.62	20.56	20.57		
5	64QAM	12	0	19.63	19.61	19.65	19.60	19.60	21.5	3
5	64QAM	12	7	19.56	19.56	19.57	19.56	19.56		
5	64QAM	12	13	19.59	19.62	19.61	19.55	19.55		
5	64QAM	25	0	19.63	19.54	19.64	19.60	19.51		
5	256QAM	1	0	17.63	17.62	17.64	17.59	17.58	19.5	5
5	256QAM	1	12	17.56	17.60	17.57	17.52	17.52		
5	256QAM	1	24	17.59	17.59	17.62	17.57	17.54		
5	256QAM	12	0	17.57	17.59	17.55	17.58	17.56	19.5	5
5	256QAM	12	7	17.53	17.60	17.63	17.55	17.50		
5	256QAM	12	13	17.57	17.60	17.64	17.59	17.53		
5	256QAM	25	0	17.57	17.57	17.61	17.57	17.56		

Band 41_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.63	23.78	23.70	23.59	23.70	25	0
20	QPSK	1	49	23.55	23.68	23.60	23.41	23.50		
20	QPSK	1	99	23.52	23.76	23.58	23.51	23.62		
20	QPSK	50	0	22.66	22.75	22.69	22.54	22.57	24	1
20	QPSK	50	24	22.60	22.72	22.67	22.39	22.48		
20	QPSK	50	50	22.62	22.59	22.65	22.50	22.56		
20	QPSK	100	0	22.54	22.68	22.61	22.52	22.51		
20	16QAM	1	0	22.58	22.56	22.61	22.49	22.44	24	1
20	16QAM	1	49	22.58	22.67	22.69	22.57	22.44		
20	16QAM	1	99	22.54	22.75	22.62	22.49	22.69		
20	16QAM	50	0	21.55	21.63	21.69	21.45	21.45	23	2
20	16QAM	50	24	21.55	21.67	21.63	21.49	21.42		
20	16QAM	50	50	21.61	21.81	21.67	21.42	21.51		
20	16QAM	100	0	21.54	21.71	21.57	21.43	21.50		
20	64QAM	1	0	21.42	21.34	21.40	21.20	21.17	23	2
20	64QAM	1	49	21.35	21.44	21.40	21.26	21.22		
20	64QAM	1	99	21.29	21.56	21.31	21.22	21.30		
20	64QAM	50	0	20.54	20.67	20.67	20.48	20.36	22	3
20	64QAM	50	24	20.59	20.65	20.59	20.41	20.42		
20	64QAM	50	50	20.59	20.71	20.58	20.44	20.61		
20	64QAM	100	0	20.57	20.62	20.61	20.46	20.46		
20	256QAM	1	0	18.23	18.37	18.26	18.28	18.18	20	5
20	256QAM	1	49	18.14	18.38	18.12	18.23	18.21		
20	256QAM	1	99	18.07	18.25	18.10	18.27	18.14		
20	256QAM	50	0	18.42	18.57	18.37	18.37	18.51	20	5
20	256QAM	50	24	18.30	18.58	18.39	18.34	18.41		
20	256QAM	50	50	18.42	18.61	18.43	18.41	18.32		
20	256QAM	100	0	18.39	18.47	18.42	18.36	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	23.47	23.68	23.63	23.46	23.64	25	0
15	QPSK	1	37	23.39	23.61	23.45	23.35	23.44		
15	QPSK	1	74	23.39	23.69	23.53	23.43	23.51		
15	QPSK	36	0	22.40	22.61	22.61	22.38	22.44	24	1
15	QPSK	36	20	22.46	22.61	22.53	22.28	22.43		
15	QPSK	36	39	22.57	22.45	22.52	22.38	22.51		
15	QPSK	75	0	22.39	22.54	22.47	22.45	22.42		
15	16QAM	1	0	22.45	22.43	22.55	22.40	22.32	24	1
15	16QAM	1	37	22.47	22.57	22.58	22.52	22.32		
15	16QAM	1	74	22.39	22.59	22.56	22.42	22.57		
15	16QAM	36	0	21.43	21.51	21.57	21.29	21.36	23	2
15	16QAM	36	20	21.42	21.60	21.53	21.39	21.33		
15	16QAM	36	39	21.47	21.71	21.55	21.33	21.45		
15	16QAM	75	0	21.47	21.66	21.49	21.33	21.44		
15	64QAM	1	0	21.36	21.19	21.25	21.15	21.07	23	2
15	64QAM	1	37	21.26	21.38	21.28	21.21	21.08		
15	64QAM	1	74	21.19	21.43	21.23	21.07	21.17		
15	64QAM	36	0	20.49	20.52	20.60	20.39	20.23	22	3
15	64QAM	36	20	20.51	20.58	20.46	20.35	20.27		
15	64QAM	36	39	20.54	20.58	20.45	20.34	20.54		
15	64QAM	75	0	20.42	20.47	20.51	20.30	20.39		
15	256QAM	1	0	18.07	18.22	18.21	18.16	18.10	20	5
15	256QAM	1	37	18.00	18.32	18.05	18.11	18.14		
15	256QAM	1	74	18.00	18.19	18.05	18.18	18.08		
15	256QAM	36	0	18.31	18.51	18.27	18.32	18.40	20	5
15	256QAM	36	20	18.15	18.44	18.28	18.21	18.31		
15	256QAM	36	39	18.32	18.54	18.33	18.33	18.26		
15	256QAM	75	0	18.29	18.42	18.26	18.20	18.29		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.55	23.67	23.65	23.48	23.54	25	0
10	QPSK	1	25	23.42	23.55	23.54	23.25	23.42		
10	QPSK	1	49	23.44	23.61	23.53	23.45	23.56		
10	QPSK	25	0	22.50	22.64	22.55	22.42	22.45	24	1
10	QPSK	25	12	22.54	22.60	22.55	22.28	22.39		
10	QPSK	25	25	22.46	22.48	22.58	22.38	22.50		
10	QPSK	50	0	22.47	22.59	22.52	22.37	22.38		
10	16QAM	1	0	22.45	22.40	22.49	22.42	22.38	24	1
10	16QAM	1	25	22.42	22.62	22.57	22.49	22.35		
10	16QAM	1	49	22.48	22.61	22.47	22.39	22.57		
10	16QAM	25	0	21.49	21.47	21.59	21.40	21.33	23	2
10	16QAM	25	12	21.45	21.56	21.52	21.34	21.33		
10	16QAM	25	25	21.46	21.67	21.62	21.36	21.36		
10	16QAM	50	0	21.49	21.59	21.43	21.35	21.44		
10	64QAM	1	0	21.28	21.26	21.27	21.14	21.11	23	2
10	64QAM	1	25	21.21	21.35	21.34	21.19	21.12		
10	64QAM	1	49	21.14	21.45	21.22	21.09	21.22		
10	64QAM	25	0	20.44	20.60	20.59	20.32	20.31	22	3
10	64QAM	25	12	20.45	20.51	20.48	20.31	20.35		
10	64QAM	25	25	20.44	20.64	20.42	20.35	20.46		
10	64QAM	50	0	20.43	20.55	20.54	20.37	20.33		
10	256QAM	1	0	18.12	18.28	18.10	18.17	18.10	20	5
10	256QAM	1	25	18.03	18.31	18.04	18.18	18.09		
10	256QAM	1	49	18.00	18.19	18.02	18.11	18.06		
10	256QAM	25	0	18.37	18.46	18.31	18.32	18.40	20	5
10	256QAM	25	12	18.16	18.51	18.23	18.25	18.34		
10	256QAM	25	25	18.28	18.56	18.33	18.33	18.16		
10	256QAM	50	0	18.31	18.42	18.28	18.23	18.31		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.58	23.63	23.55	23.43	23.58	25	0
5	QPSK	1	12	23.48	23.60	23.47	23.28	23.43		
5	QPSK	1	24	23.36	23.69	23.51	23.41	23.57		
5	QPSK	12	0	22.43	22.70	22.55	22.38	22.50	24	1
5	QPSK	12	7	22.52	22.67	22.55	22.32	22.35		
5	QPSK	12	13	22.48	22.51	22.56	22.42	22.49		
5	QPSK	25	0	22.42	22.58	22.49	22.41	22.37		
5	16QAM	1	0	22.46	22.48	22.45	22.38	22.28	24	1
5	16QAM	1	12	22.46	22.54	22.61	22.51	22.39		
5	16QAM	1	24	22.41	22.62	22.52	22.36	22.61		
5	16QAM	12	0	21.43	21.47	21.62	21.36	21.36	23	2
5	16QAM	12	7	21.42	21.51	21.48	21.34	21.26		
5	16QAM	12	13	21.56	21.68	21.60	21.34	21.36		
5	16QAM	25	0	21.45	21.59	21.52	21.29	21.40		
5	64QAM	1	0	21.29	21.20	21.33	21.07	21.06	23	2
5	64QAM	1	12	21.25	21.39	21.26	21.15	21.14		
5	64QAM	1	24	21.21	21.51	21.15	21.07	21.17		
5	64QAM	12	0	20.47	20.54	20.60	20.33	20.24	22	3
5	64QAM	12	7	20.51	20.53	20.47	20.29	20.28		
5	64QAM	12	13	20.48	20.57	20.42	20.34	20.46		
5	64QAM	25	0	20.49	20.46	20.51	20.39	20.40		
5	256QAM	1	0	18.12	18.30	18.11	18.23	18.08	20	5
5	256QAM	1	12	18.09	18.28	18.05	18.12	18.05		
5	256QAM	1	24	18.01	18.12	18.07	18.21	18.00		
5	256QAM	12	0	18.29	18.46	18.27	18.22	18.38	20	5
5	256QAM	12	7	18.16	18.51	18.33	18.23	18.27		
5	256QAM	12	13	18.31	18.47	18.29	18.28	18.20		
5	256QAM	25	0	18.31	18.39	18.32	18.29	18.29		

Band 41_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.37	23.55	23.32	23.12	23.04	24.5	0
20	QPSK	1	49	23.25	23.53	23.31	23.11	22.92		
20	QPSK	1	99	23.36	23.52	23.13	23.10	22.94		
20	QPSK	50	0	22.39	22.51	22.21	22.06	22.07	23.5	1
20	QPSK	50	24	22.33	22.41	22.18	22.04	22.01		
20	QPSK	50	50	22.33	22.44	22.20	22.05	22.02		
20	QPSK	100	0	22.42	22.54	22.18	22.08	22.11		
20	16QAM	1	0	22.31	22.57	22.21	22.04	22.08	23.5	1
20	16QAM	1	49	22.41	22.49	22.20	22.10	22.06		
20	16QAM	1	99	22.46	22.42	22.18	22.09	22.16		
20	16QAM	50	0	21.31	21.37	21.14	21.06	21.10	22.5	2
20	16QAM	50	24	21.36	21.50	21.18	21.12	21.08		
20	16QAM	50	50	21.37	21.53	21.18	21.10	21.08		
20	16QAM	100	0	21.32	21.46	21.20	21.04	21.09		
20	64QAM	1	0	21.13	21.20	20.94	20.88	20.81	22.5	2
20	64QAM	1	49	21.17	21.26	20.95	20.83	20.84		
20	64QAM	1	99	21.19	21.32	20.83	20.86	20.94		
20	64QAM	50	0	20.32	20.40	20.17	20.07	20.03	21.5	3
20	64QAM	50	24	20.29	20.43	20.17	20.03	19.99		
20	64QAM	50	50	20.42	20.53	20.20	20.08	20.11		
20	64QAM	100	0	20.38	20.52	20.14	20.10	20.03		
20	256QAM	1	0	17.95	17.99	17.99	18.00	17.97	19.5	5
20	256QAM	1	49	18.01	17.96	17.98	17.97	17.95		
20	256QAM	1	99	17.86	17.95	18.02	17.92	17.92		
20	256QAM	50	0	18.18	18.13	18.12	18.09	18.20	19.5	5
20	256QAM	50	24	18.06	18.16	18.13	18.13	18.13		
20	256QAM	50	50	18.29	18.17	18.18	18.28	18.21		
20	256QAM	100	0	18.12	18.14	18.17	18.19	18.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.21	23.44	23.07	22.99	22.93	24.5	0
15	QPSK	1	37	23.11	23.47	23.20	22.98	22.76		
15	QPSK	1	74	23.25	23.40	23.08	22.98	22.80		
15	QPSK	36	0	22.26	22.44	22.11	21.99	21.93	23.5	1
15	QPSK	36	20	22.27	22.30	22.05	21.90	21.95		
15	QPSK	36	39	22.25	22.38	22.07	21.94	21.93		
15	QPSK	75	0	22.31	22.47	22.09	21.99	22.04		
15	16QAM	1	0	22.16	22.49	22.07	21.94	21.98	23.5	1
15	16QAM	1	37	22.28	22.39	22.05	22.01	22.00		
15	16QAM	1	74	22.39	22.27	22.13	21.99	22.08		
15	16QAM	36	0	21.24	21.22	21.03	20.96	20.97	22.5	2
15	16QAM	36	20	21.24	21.36	21.07	21.01	20.98		
15	16QAM	36	39	21.27	21.47	21.03	21.00	20.97		
15	16QAM	75	0	21.27	21.35	21.14	20.94	20.93		
15	64QAM	1	0	21.02	21.13	20.80	20.74	20.72	22.5	2
15	64QAM	1	37	21.05	21.10	20.84	20.67	20.75		
15	64QAM	1	74	21.10	21.20	20.75	20.72	20.87		
15	64QAM	36	0	20.25	20.25	20.09	19.91	19.96	21.5	3
15	64QAM	36	20	20.23	20.35	20.09	19.88	19.92		
15	64QAM	36	39	20.32	20.39	20.09	20.00	19.96		
15	64QAM	75	0	20.26	20.38	19.99	20.00	19.96		
15	256QAM	1	0	17.88	17.90	17.91	17.84	17.90	19.5	5
15	256QAM	1	37	17.96	17.91	17.84	17.92	17.85		
15	256QAM	1	74	17.75	17.88	17.96	17.77	17.76		
15	256QAM	36	0	18.03	18.01	18.02	17.98	18.12	19.5	5
15	256QAM	36	20	17.98	18.04	18.07	17.97	17.97		
15	256QAM	36	39	18.16	18.10	18.07	18.16	18.16		
15	256QAM	75	0	18.02	17.99	18.09	18.11	18.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.24	23.46	23.11	22.96	22.89	24.5	0
10	QPSK	1	25	23.18	23.46	23.20	23.00	22.82		
10	QPSK	1	49	23.31	23.41	22.99	22.99	22.87		
10	QPSK	25	0	22.33	22.42	22.06	21.91	21.94	23.5	1
10	QPSK	25	12	22.23	22.29	22.04	21.93	21.90		
10	QPSK	25	25	22.22	22.39	22.06	21.97	21.92		
10	QPSK	50	0	22.31	22.45	22.06	21.95	22.02		
10	16QAM	1	0	22.19	22.43	22.15	21.88	21.94	23.5	1
10	16QAM	1	25	22.36	22.39	22.10	22.02	21.98		
10	16QAM	1	49	22.33	22.28	22.10	21.95	22.05		
10	16QAM	25	0	21.18	21.28	21.01	21.01	21.04	22.5	2
10	16QAM	25	12	21.24	21.45	21.04	21.05	20.93		
10	16QAM	25	25	21.28	21.43	21.13	21.05	20.93		
10	16QAM	50	0	21.18	21.32	21.12	20.92	20.94		
10	64QAM	1	0	21.04	21.04	20.85	20.80	20.72	22.5	2
10	64QAM	1	25	21.11	21.15	20.80	20.73	20.73		
10	64QAM	1	49	21.12	21.19	20.73	20.79	20.86		
10	64QAM	25	0	20.27	20.31	20.01	19.95	19.87	21.5	3
10	64QAM	25	12	20.23	20.33	20.04	19.89	19.94		
10	64QAM	25	25	20.28	20.38	20.13	19.99	19.99		
10	64QAM	50	0	20.22	20.37	19.98	19.97	19.92		
10	256QAM	1	0	17.89	17.92	17.88	17.90	17.84	19.5	5
10	256QAM	1	25	17.86	17.90	17.90	17.82	17.88		
10	256QAM	1	49	17.81	17.89	17.97	17.83	17.79		
10	256QAM	25	0	18.10	18.06	17.98	17.96	18.07	19.5	5
10	256QAM	25	12	17.93	18.02	17.99	17.97	18.07		
10	256QAM	25	25	18.20	18.11	18.08	18.16	18.14		
10	256QAM	50	0	17.96	18.02	18.02	18.10	18.03		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.17	23.40	23.14	23.00	22.98	24.5	0
5	QPSK	1	12	23.10	23.48	23.15	23.01	22.78		
5	QPSK	1	24	23.31	23.43	23.00	22.99	22.82		
5	QPSK	12	0	22.29	22.46	22.10	21.91	22.02	23.5	1
5	QPSK	12	7	22.25	22.26	22.13	21.97	21.85		
5	QPSK	12	13	22.20	22.35	22.11	21.99	21.90		
5	QPSK	25	0	22.31	22.45	22.03	21.92	21.97		
5	16QAM	1	0	22.22	22.51	22.14	21.98	22.02	23.5	1
5	16QAM	1	12	22.25	22.33	22.14	21.95	21.97		
5	16QAM	1	24	22.40	22.28	22.02	21.94	22.05		
5	16QAM	12	0	21.22	21.27	20.99	20.99	20.95	22.5	2
5	16QAM	12	7	21.25	21.36	21.13	20.99	20.99		
5	16QAM	12	13	21.26	21.41	21.07	21.04	20.99		
5	16QAM	25	0	21.26	21.32	21.10	20.89	21.02		
5	64QAM	1	0	21.01	21.05	20.83	20.80	20.76	22.5	2
5	64QAM	1	12	21.02	21.14	20.88	20.75	20.69		
5	64QAM	1	24	21.10	21.24	20.74	20.79	20.80		
5	64QAM	12	0	20.23	20.34	20.04	19.96	19.93	21.5	3
5	64QAM	12	7	20.22	20.34	20.09	19.87	19.93		
5	64QAM	12	13	20.34	20.41	20.05	19.94	19.98		
5	64QAM	25	0	20.25	20.37	20.05	20.04	19.94		
5	256QAM	1	0	17.87	17.84	17.86	17.86	17.89	19.5	5
5	256QAM	1	12	17.95	17.86	17.87	17.92	17.83		
5	256QAM	1	24	17.75	17.81	17.96	17.78	17.78		
5	256QAM	12	0	18.03	18.04	18.00	17.94	18.09	19.5	5
5	256QAM	12	7	17.91	18.08	18.02	17.99	18.05		
5	256QAM	12	13	18.17	18.10	18.07	18.14	18.12		
5	256QAM	25	0	18.04	17.98	18.04	18.14	18.02		

n66_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.19	23.11	24.5	0.0
40	PI/2 BPSK	1	108	23.08	23.25	23.21		
40	PI/2 BPSK	1	214	23.11	23.25	23.09		
40	PI/2 BPSK	108	0	22.40	22.52	22.42	24.0	0.5
40	PI/2 BPSK	108	54	23.11	23.28	23.19	24.5	0.0
40	PI/2 BPSK	108	108	22.48	22.54	22.49	24.0	0.5
40	PI/2 BPSK	216	0	22.46	22.58	22.50		
40	QPSK	1	1	23.25	23.34	23.32	24.5	0.0
40	QPSK	1	108	23.22	23.26	23.26		
40	QPSK	1	214	23.20	23.31	23.15		
40	QPSK	108	0	22.67	22.22	22.24	23.5	1.0
40	QPSK	108	54	23.11	23.23	23.01	24.5	0.0
40	QPSK	108	108	22.24	22.00	21.95	23.5	1.0
40	QPSK	216	0	22.03	22.06	21.88		
40	16QAM	1	1	21.57	21.81	21.62	23.5	1.0
40	64QAM	1	1	20.19	20.37	20.29	22.0	2.5
40	256QAM	1	1	18.85	18.99	18.85	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.15	23.12	23.14	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.08	23.14	23.11	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.05	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.11	23.22	23.06	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.14	23.22	23.11	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.17	23.18	23.08	24.5	0.0

n66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.63	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.63	23.41	23.38		
40	PI/2 BPSK	1	214	23.62	23.44	23.49		
40	PI/2 BPSK	108	0	23.07	22.97	23.01	24.5	0.5
40	PI/2 BPSK	108	54	23.75	23.55	23.66	25.0	0.0
40	PI/2 BPSK	108	108	23.14	22.97	23.00	24.5	0.5
40	PI/2 BPSK	216	0	23.17	23.04	23.12		
40	QPSK	1	1	23.82	23.96	23.85	25.0	0.0
40	QPSK	1	108	23.80	23.89	23.84		
40	QPSK	1	214	23.68	23.75	23.52		
40	QPSK	108	0	22.50	22.59	22.58	24.0	1.0
40	QPSK	108	54	23.63	23.65	23.47	25.0	0.0
40	QPSK	108	108	22.54	22.71	22.37	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.43		
40	16QAM	1	1	22.29	22.20	22.20	24.0	1.0
40	64QAM	1	1	20.98	20.80	20.92	22.5	2.5
40	256QAM	1	1	19.59	19.41	19.43	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.67	23.86	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	23.65	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.76	23.84	25.0	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	23.66	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.76	23.87	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.87	23.73	23.83	25.0	0.0

n66_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.24	24.12	24.18	25.5	0.0
40	PI/2 BPSK	1	108	24.21	24.32	24.17		
40	PI/2 BPSK	1	214	24.32	24.20	24.20		
40	PI/2 BPSK	108	0	23.69	23.66	23.50	25.0	0.5
40	PI/2 BPSK	108	54	24.24	24.31	24.22	25.5	0.0
40	PI/2 BPSK	108	108	23.77	23.62	23.69	25.0	0.5
40	PI/2 BPSK	216	0	23.80	23.64	23.62		
40	QPSK	1	1	24.43	24.50	24.34	25.5	0.0
40	QPSK	1	108	24.36	24.36	24.21		
40	QPSK	1	214	24.39	24.36	24.06		
40	QPSK	108	0	23.18	23.22	23.06	24.5	1.0
40	QPSK	108	54	24.33	24.34	24.07	25.5	0.0
40	QPSK	108	108	23.09	23.28	22.95	24.5	1.0
40	QPSK	216	0	23.15	23.17	22.96		
40	16QAM	1	1	22.97	22.90	22.86	24.5	1.0
40	64QAM	1	1	21.41	21.36	21.39	23.0	2.5
40	256QAM	1	1	20.05	20.11	19.98	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.22	24.31	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.21	24.22	24.15	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.20	24.21	24.15	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.19	24.29	24.23	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.23	24.26	24.17	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.25	24.29	24.22	25.5	0.0

n66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.70	23.75	23.56	25.5	0.0
40	PI/2 BPSK	1	108	23.60	23.73	23.57		
40	PI/2 BPSK	1	214	23.65	23.61	23.61		
40	PI/2 BPSK	108	0	23.09	23.19	23.05	25.0	0.5
40	PI/2 BPSK	108	54	23.66	23.73	23.66	25.5	0.0
40	PI/2 BPSK	108	108	23.07	23.16	23.06	25.0	0.5
40	PI/2 BPSK	216	0	23.02	23.16	23.11		
40	QPSK	1	1	23.79	23.88	23.68	25.5	0.0
40	QPSK	1	108	23.78	23.86	23.59		
40	QPSK	1	214	23.65	23.79	23.57		
40	QPSK	108	0	22.69	22.66	22.55	24.5	1.0
40	QPSK	108	54	23.68	23.72	23.61	25.5	0.0
40	QPSK	108	108	22.53	22.66	22.51	24.5	1.0
40	QPSK	216	0	22.55	22.61	22.60		
40	16QAM	1	1	22.54	22.50	22.52	24.5	1.0
40	64QAM	1	1	21.02	21.09	21.05	23.0	2.5
40	256QAM	1	1	19.45	19.58	19.40	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.59	23.59	23.61	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.56	23.68	23.58	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.52	23.57	23.54	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.61	23.64	23.52	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.56	23.60	23.55	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.60	23.61	25.5	0.0

Reduced Power Mode for Other PA ECI1

Band 2_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.84	18.95	18.89	20	0
20	QPSK	1	49	18.80	18.88	18.78		
20	QPSK	1	99	18.82	18.73	18.75		
20	QPSK	50	0	18.69	18.74	18.56	20	0
20	QPSK	50	24	18.68	18.57	18.47		
20	QPSK	50	50	18.58	18.51	18.34		
20	QPSK	100	0	18.66	18.71	18.41		
20	16QAM	1	0	18.65	18.77	18.70	20	0
20	16QAM	1	49	18.61	18.54	18.53		
20	16QAM	1	99	18.72	18.59	18.54		
20	16QAM	50	0	18.59	18.58	18.49	20	0
20	16QAM	50	24	18.59	18.65	18.48		
20	16QAM	50	50	18.53	18.53	18.44		
20	16QAM	100	0	18.56	18.52	18.35		
20	64QAM	1	0	18.60	18.61	18.54	20	0
20	64QAM	1	49	18.66	18.63	18.48		
20	64QAM	1	99	18.63	18.43	18.50		
20	64QAM	50	0	18.63	18.61	18.47	20	0
20	64QAM	50	24	18.59	18.47	18.49		
20	64QAM	50	50	18.69	18.50	18.40		
20	64QAM	100	0	18.63	18.56	18.36		
20	256QAM	1	0	17.97	17.89	17.85	19	1
20	256QAM	1	49	17.99	18.00	17.98		
20	256QAM	1	99	17.92	17.90	17.93		
20	256QAM	50	0	17.65	17.79	17.82	19	1
20	256QAM	50	24	17.70	17.70	17.76		
20	256QAM	50	50	17.72	17.80	17.79		
20	256QAM	100	0	17.70	17.79	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.83	18.77	18.74	20	0
15	QPSK	1	37	18.71	18.77	18.65		
15	QPSK	1	74	18.76	18.64	18.70		
15	QPSK	36	0	18.53	18.58	18.34	20	0
15	QPSK	36	20	18.52	18.43	18.32		
15	QPSK	36	39	18.44	18.37	18.26		
15	QPSK	75	0	18.60	18.55	18.35		
15	16QAM	1	0	18.53	18.72	18.63	20	0
15	16QAM	1	37	18.54	18.38	18.43		
15	16QAM	1	74	18.57	18.52	18.46		
15	16QAM	36	0	18.45	18.50	18.40	20	0
15	16QAM	36	20	18.48	18.51	18.42		
15	16QAM	36	39	18.44	18.47	18.39		
15	16QAM	75	0	18.48	18.44	18.23		
15	64QAM	1	0	18.47	18.46	18.41	20	0
15	64QAM	1	37	18.54	18.52	18.34		
15	64QAM	1	74	18.52	18.28	18.45		
15	64QAM	36	0	18.49	18.49	18.37	20	0
15	64QAM	36	20	18.43	18.34	18.40		
15	64QAM	36	39	18.59	18.41	18.26		
15	64QAM	75	0	18.58	18.51	18.30		
15	256QAM	1	0	17.87	17.83	17.70	19	1
15	256QAM	1	37	17.88	17.88	17.88		
15	256QAM	1	74	17.76	17.83	17.85		
15	256QAM	36	0	17.49	17.70	17.69	19	1
15	256QAM	36	20	17.61	17.57	17.63		
15	256QAM	36	39	17.63	17.70	17.72		
15	256QAM	75	0	17.57	17.72	17.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.80	18.83	18.75	20	0
10	QPSK	1	25	18.70	18.76	18.70		
10	QPSK	1	49	18.76	18.57	18.62		
10	QPSK	25	0	18.47	18.68	18.32	20	0
10	QPSK	25	12	18.56	18.51	18.33		
10	QPSK	25	25	18.52	18.39	18.27		
10	QPSK	50	0	18.54	18.61	18.30		
10	16QAM	1	0	18.56	18.67	18.54	20	0
10	16QAM	1	25	18.52	18.44	18.48		
10	16QAM	1	49	18.65	18.49	18.38		
10	16QAM	25	0	18.44	18.49	18.44	20	0
10	16QAM	25	12	18.54	18.58	18.43		
10	16QAM	25	25	18.40	18.42	18.33		
10	16QAM	50	0	18.45	18.44	18.24		
10	64QAM	1	0	18.49	18.55	18.44	20	0
10	64QAM	1	25	18.56	18.51	18.38		
10	64QAM	1	49	18.52	18.29	18.45		
10	64QAM	25	0	18.54	18.46	18.40	20	0
10	64QAM	25	12	18.51	18.37	18.42		
10	64QAM	25	25	18.57	18.39	18.31		
10	64QAM	50	0	18.51	18.49	18.20		
10	256QAM	1	0	17.87	17.83	17.77	19	1
10	256QAM	1	25	17.87	17.93	17.91		
10	256QAM	1	49	17.80	17.79	17.88		
10	256QAM	25	0	17.51	17.71	17.69	19	1
10	256QAM	25	12	17.55	17.57	17.66		
10	256QAM	25	25	17.67	17.72	17.65		
10	256QAM	50	0	17.57	17.72	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.81	18.83	18.84	20	0
5	QPSK	1	12	18.69	18.72	18.69		
5	QPSK	1	24	18.73	18.60	18.69		
5	QPSK	12	0	18.51	18.60	18.39	20	0
5	QPSK	12	7	18.56	18.50	18.38		
5	QPSK	12	13	18.48	18.38	18.20		
5	QPSK	25	0	18.61	18.56	18.30		
5	16QAM	1	0	18.51	18.65	18.58	20	0
5	16QAM	1	12	18.45	18.39	18.47		
5	16QAM	1	24	18.57	18.54	18.48		
5	16QAM	12	0	18.51	18.51	18.35	20	0
5	16QAM	12	7	18.46	18.56	18.34		
5	16QAM	12	13	18.45	18.42	18.33		
5	16QAM	25	0	18.47	18.45	18.26		
5	16QAM	25	0	18.46	18.49	18.40		
5	64QAM	1	12	18.50	18.58	18.39	20	0
5	64QAM	1	24	18.53	18.31	18.38		
5	64QAM	12	0	18.52	18.52	18.38	20	0
5	64QAM	12	7	18.46	18.41	18.33		
5	64QAM	12	13	18.56	18.42	18.34		
5	64QAM	25	0	18.56	18.45	18.28		
5	256QAM	1	0	17.90	17.84	17.70	19	1
5	256QAM	1	12	17.92	17.92	17.90		
5	256QAM	1	24	17.86	17.74	17.87		
5	256QAM	12	0	17.50	17.74	17.68	19	1
5	256QAM	12	7	17.57	17.59	17.63		
5	256QAM	12	13	17.59	17.72	17.73		
5	256QAM	25	0	17.63	17.68	17.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.82	18.78	18.77	20	0
3	QPSK	1	8	18.66	18.78	18.66		
3	QPSK	1	14	18.73	18.61	18.59		
3	QPSK	8	0	18.52	18.60	18.33	20	0
3	QPSK	8	4	18.58	18.51	18.36		
3	QPSK	8	7	18.42	18.35	18.20		
3	QPSK	15	0	18.55	18.64	18.25		
3	16QAM	1	0	18.57	18.67	18.57	20	0
3	16QAM	1	8	18.53	18.44	18.45		
3	16QAM	1	14	18.66	18.44	18.40		
3	16QAM	8	0	18.52	18.42	18.44	20	0
3	16QAM	8	4	18.53	18.57	18.37		
3	16QAM	8	7	18.42	18.44	18.32		
3	16QAM	15	0	18.51	18.37	18.19		
3	64QAM	1	0	18.50	18.56	18.41	20	0
3	64QAM	1	8	18.51	18.57	18.38		
3	64QAM	1	14	18.47	18.27	18.42		
3	64QAM	8	0	18.57	18.48	18.38	20	0
3	64QAM	8	4	18.60	18.33	18.34		
3	64QAM	8	7	18.60	18.34	18.33		
3	64QAM	15	0	18.58	18.48	18.27		
3	256QAM	1	0	17.81	17.76	17.72	19	1
3	256QAM	1	8	17.85	17.86	17.91		
3	256QAM	1	14	17.85	17.78	17.85		
3	256QAM	8	0	17.51	17.72	17.73	19	1
3	256QAM	8	4	17.57	17.54	17.67		
3	256QAM	8	7	17.56	17.70	17.65		
3	256QAM	15	0	17.58	17.74	17.55		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.89	18.81	18.82	20	0
1.4	QPSK	1	3	18.75	18.75	18.62		
1.4	QPSK	1	5	18.66	18.60	18.63		
1.4	QPSK	3	0	18.52	18.61	18.31		
1.4	QPSK	3	1	18.59	18.42	18.36		
1.4	QPSK	3	3	18.49	18.40	18.29		
1.4	QPSK	6	0	18.59	18.62	18.27	20	0
1.4	16QAM	1	0	18.51	18.67	18.55	20	0
1.4	16QAM	1	3	18.48	18.47	18.44		
1.4	16QAM	1	5	18.67	18.44	18.43		
1.4	16QAM	3	0	18.50	18.46	18.36		
1.4	16QAM	3	1	18.53	18.51	18.36		
1.4	16QAM	3	3	18.39	18.41	18.29		
1.4	16QAM	6	0	18.42	18.47	18.28	20	0
1.4	64QAM	1	0	18.49	18.47	18.39	20	0
1.4	64QAM	1	3	18.55	18.53	18.42		
1.4	64QAM	1	5	18.52	18.27	18.38		
1.4	64QAM	3	0	18.56	18.55	18.42		
1.4	64QAM	3	1	18.49	18.37	18.37		
1.4	64QAM	3	3	18.57	18.36	18.24		
1.4	64QAM	6	0	18.52	18.40	18.21	20	0
1.4	256QAM	1	0	17.85	17.81	17.77	19	1
1.4	256QAM	1	3	17.88	17.86	17.93		
1.4	256QAM	1	5	17.85	17.78	17.77		
1.4	256QAM	3	0	17.53	17.66	17.68		
1.4	256QAM	3	1	17.59	17.54	17.61		
1.4	256QAM	3	3	17.59	17.64	17.73		
1.4	256QAM	6	0	17.64	17.73	17.59	19	1

Band 2_Ant 2_Other PA

BW [MHz]	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	23.49	23.79	23.78	25	0
20	QPSK	1	49	23.44	23.55	23.73		
20	QPSK	1	99	23.26	23.61	23.77		
20	QPSK	50	0	22.54	22.83	22.77	24	1
20	QPSK	50	24	22.51	22.81	22.65		
20	QPSK	50	50	22.43	22.68	22.74		
20	QPSK	100	0	22.60	22.77	22.66		
20	16QAM	1	0	22.84	23.04	22.90	24	1
20	16QAM	1	49	22.84	22.93	22.86		
20	16QAM	1	99	22.78	22.81	22.90		
20	16QAM	50	0	21.72	21.82	21.77	23	2
20	16QAM	50	24	21.68	21.74	21.74		
20	16QAM	50	50	21.62	21.69	21.67		
20	16QAM	100	0	21.67	21.66	21.62		
20	64QAM	1	0	21.80	21.91	21.86	23	2
20	64QAM	1	49	21.88	21.90	21.80		
20	64QAM	1	99	21.73	21.82	21.86		
20	64QAM	50	0	20.72	20.73	20.78	22	3
20	64QAM	50	24	20.68	20.81	20.69		
20	64QAM	50	50	20.67	20.71	20.67		
20	64QAM	100	0	20.71	20.74	20.68		
20	256QAM	1	0	18.84	18.80	18.88	20	5
20	256QAM	1	49	18.65	18.74	18.81		
20	256QAM	1	99	18.69	18.66	18.73		
20	256QAM	50	0	18.74	18.61	18.61	20	5
20	256QAM	50	24	18.61	18.58	18.75		
20	256QAM	50	50	18.54	18.63	18.56		
20	256QAM	100	0	18.54	18.55	18.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.35	23.63	23.66	25	0
15	QPSK	1	37	23.31	23.48	23.62		
15	QPSK	1	74	23.18	23.55	23.64		
15	QPSK	36	0	22.36	22.72	22.62	24	1
15	QPSK	36	20	22.35	22.66	22.52		
15	QPSK	36	39	22.37	22.54	22.69		
15	QPSK	75	0	22.55	22.63	22.55		
15	16QAM	1	0	22.68	22.88	22.77	24	1
15	16QAM	1	37	22.76	22.86	22.78		
15	16QAM	1	74	22.73	22.66	22.82		
15	16QAM	36	0	21.63	21.74	21.63	23	2
15	16QAM	36	20	21.60	21.58	21.64		
15	16QAM	36	39	21.46	21.61	21.60		
15	16QAM	75	0	21.62	21.61	21.49		
15	64QAM	1	0	21.68	21.77	21.76	23	2
15	64QAM	1	37	21.82	21.85	21.74		
15	64QAM	1	74	21.58	21.71	21.74		
15	64QAM	36	0	20.66	20.67	20.64	22	3
15	64QAM	36	20	20.60	20.69	20.55		
15	64QAM	36	39	20.54	20.61	20.53		
15	64QAM	75	0	20.65	20.61	20.62		
15	256QAM	1	0	18.68	18.71	18.77	20	5
15	256QAM	1	37	18.51	18.61	18.68		
15	256QAM	1	74	18.63	18.59	18.59		
15	256QAM	36	0	18.69	18.56	18.47	20	5
15	256QAM	36	20	18.45	18.49	18.63		
15	256QAM	36	39	18.49	18.52	18.46		
15	256QAM	75	0	18.43	18.40	18.64		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.37	23.68	23.60	25	0
10	QPSK	1	25	23.38	23.40	23.62		
10	QPSK	1	49	23.17	23.56	23.64		
10	QPSK	25	0	22.29	22.77	22.66	24	1
10	QPSK	25	12	22.36	22.73	22.52		
10	QPSK	25	25	22.33	22.59	22.58		
10	QPSK	50	0	22.46	22.62	22.57		
10	16QAM	1	0	22.77	22.96	22.77	24	1
10	16QAM	1	25	22.68	22.88	22.71		
10	16QAM	1	49	22.64	22.66	22.74		
10	16QAM	25	0	21.59	21.72	21.65	23	2
10	16QAM	25	12	21.52	21.60	21.63		
10	16QAM	25	25	21.56	21.64	21.55		
10	16QAM	50	0	21.54	21.60	21.55		
10	64QAM	1	0	21.72	21.76	21.72	23	2
10	64QAM	1	25	21.79	21.79	21.70		
10	64QAM	1	49	21.67	21.71	21.70		
10	64QAM	25	0	20.57	20.58	20.66	22	3
10	64QAM	25	12	20.58	20.70	20.63		
10	64QAM	25	25	20.62	20.59	20.58		
10	64QAM	50	0	20.65	20.58	20.57		
10	256QAM	1	0	18.72	18.69	18.83	20	5
10	256QAM	1	25	18.60	18.60	18.65		
10	256QAM	1	49	18.63	18.58	18.64		
10	256QAM	25	0	18.63	18.54	18.45	20	5
10	256QAM	25	12	18.56	18.45	18.63		
10	256QAM	25	25	18.46	18.51	18.42		
10	256QAM	50	0	18.46	18.48	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.28	23.63	23.60	25	0
5	QPSK	1	12	23.32	23.50	23.61		
5	QPSK	1	24	23.19	23.46	23.62		
5	QPSK	12	0	22.32	22.74	22.72	24	1
5	QPSK	12	7	22.39	22.66	22.56		
5	QPSK	12	13	22.32	22.52	22.59		
5	QPSK	25	0	22.48	22.71	22.50		
5	16QAM	1	0	22.78	22.92	22.85	24	1
5	16QAM	1	12	22.72	22.77	22.70		
5	16QAM	1	24	22.66	22.65	22.81		
5	16QAM	12	0	21.66	21.67	21.65	23	2
5	16QAM	12	7	21.52	21.64	21.61		
5	16QAM	12	13	21.51	21.58	21.55		
5	16QAM	25	0	21.51	21.52	21.52	23	2
5	64QAM	1	0	21.72	21.75	21.72		
5	64QAM	1	12	21.74	21.75	21.68		
5	64QAM	1	24	21.62	21.66	21.74		
5	64QAM	12	0	20.67	20.67	20.62	22	3
5	64QAM	12	7	20.59	20.74	20.58		
5	64QAM	12	13	20.60	20.62	20.62		
5	64QAM	25	0	20.55	20.61	20.58		
5	256QAM	1	0	18.68	18.72	18.80	20	5
5	256QAM	1	12	18.59	18.62	18.65		
5	256QAM	1	24	18.64	18.57	18.64		
5	256QAM	12	0	18.69	18.47	18.47	20	5
5	256QAM	12	7	18.45	18.53	18.59		
5	256QAM	12	13	18.43	18.57	18.48		
5	256QAM	25	0	18.49	18.44	18.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.29	23.63	23.64	25	0
3	QPSK	1	8	23.33	23.42	23.63		
3	QPSK	1	14	23.13	23.56	23.70		
3	QPSK	8	0	22.36	22.75	22.65	24	1
3	QPSK	8	4	22.35	22.68	22.57		
3	QPSK	8	7	22.27	22.61	22.61		
3	QPSK	15	0	22.55	22.66	22.52		
3	16QAM	1	0	22.68	22.98	22.79	24	1
3	16QAM	1	8	22.73	22.80	22.74		
3	16QAM	1	14	22.62	22.72	22.84		
3	16QAM	8	0	21.68	21.77	21.63	23	2
3	16QAM	8	4	21.61	21.66	21.61		
3	16QAM	8	7	21.55	21.63	21.56		
3	16QAM	15	0	21.54	21.52	21.56		
3	64QAM	1	0	21.71	21.77	21.74	23	2
3	64QAM	1	8	21.77	21.81	21.66		
3	64QAM	1	14	21.59	21.73	21.81		
3	64QAM	8	0	20.60	20.58	20.72	22	3
3	64QAM	8	4	20.52	20.76	20.57		
3	64QAM	8	7	20.62	20.64	20.51		
3	64QAM	15	0	20.56	20.67	20.55		
3	256QAM	1	0	18.68	18.72	18.76	20	5
3	256QAM	1	8	18.56	18.64	18.74		
3	256QAM	1	14	18.59	18.57	18.68		
3	256QAM	8	0	18.62	18.50	18.55	20	5
3	256QAM	8	4	18.54	18.49	18.61		
3	256QAM	8	7	18.45	18.50	18.45		
3	256QAM	15	0	18.47	18.47	18.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.28	23.64	23.58	25	0
1.4	QPSK	1	3	23.30	23.42	23.58		
1.4	QPSK	1	5	23.16	23.51	23.72		
1.4	QPSK	3	0	23.34	23.69	23.55		
1.4	QPSK	3	1	23.32	23.45	23.64		
1.4	QPSK	3	3	23.20	23.53	23.65		
1.4	QPSK	6	0	22.54	22.65	22.53	24	1
1.4	16QAM	1	0	22.77	22.96	22.76	24	1
1.4	16QAM	1	3	22.73	22.85	22.79		
1.4	16QAM	1	5	22.64	22.65	22.84		
1.4	16QAM	3	0	22.29	22.73	22.67		
1.4	16QAM	3	1	22.39	22.72	22.55		
1.4	16QAM	3	3	22.27	22.60	22.66		
1.4	16QAM	6	0	21.53	21.53	21.53	23	2
1.4	64QAM	1	0	21.75	21.94	21.72	23	2
1.4	64QAM	1	3	21.82	21.74	21.67		
1.4	64QAM	1	5	21.68	21.72	21.80		
1.4	64QAM	3	0	21.58	21.70	21.66		
1.4	64QAM	3	1	21.59	21.64	21.62		
1.4	64QAM	3	3	21.51	21.53	21.52		
1.4	64QAM	6	0	20.65	20.66	20.60	22	3
1.4	256QAM	1	0	18.74	18.68	18.72	20	5
1.4	256QAM	1	3	18.52	18.64	18.67		
1.4	256QAM	1	5	18.53	18.60	18.61		
1.4	256QAM	3	0	18.58	18.51	18.52		
1.4	256QAM	3	1	18.46	18.52	18.69		
1.4	256QAM	3	3	18.44	18.55	18.46		
1.4	256QAM	6	0	18.44	18.49	18.59	20	5

Band 2_Ant 5_Other PA

BW [MHz]	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	19.30	19.31	19.27	20.5	0
20	QPSK	1	49	19.26	19.18	19.07		
20	QPSK	1	99	19.16	19.11	19.09		
20	QPSK	50	0	19.14	19.15	19.09	20.5	0
20	QPSK	50	24	18.98	19.09	19.03		
20	QPSK	50	50	18.97	18.95	18.86		
20	QPSK	100	0	18.89	19.02	18.87		
20	16QAM	1	0	19.14	19.13	19.09	20.5	0
20	16QAM	1	49	19.16	19.13	19.00		
20	16QAM	1	99	19.12	18.99	19.02		
20	16QAM	50	0	18.97	19.06	18.89	20.5	0
20	16QAM	50	24	19.02	19.01	18.85		
20	16QAM	50	50	18.95	18.88	18.96		
20	16QAM	100	0	19.12

Band 2_Ant 3_Other PA

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	18.77	18.91	18.69		
20	QPSK	1	49	18.75	18.72	18.61	20.5	0
20	QPSK	1	99	18.76	18.76	18.60		
20	QPSK	50	0	18.59	18.60	18.57		
20	QPSK	50	24	18.57	18.55	18.56	20.5	0
20	QPSK	50	50	18.55	18.53	18.52		
20	QPSK	100	0	18.60	18.67	18.54		
20	16QAM	1	0	18.52	18.63	18.56		
20	16QAM	1	49	18.66	18.66	18.58	20.5	0
20	16QAM	1	99	18.70	18.52	18.67		
20	16QAM	50	0	18.61	18.57	18.64		
20	16QAM	50	24	18.63	18.58	18.61	20.5	0
20	16QAM	50	50	18.66	18.51	18.57		
20	16QAM	100	0	18.62	18.51	18.56		
20	64QAM	1	0	18.64	18.66	18.58		
20	64QAM	1	49	18.62	18.58	18.58	20.5	0
20	64QAM	1	99	18.55	18.62	18.61		
20	64QAM	50	0	18.64	18.55	18.63		
20	64QAM	50	24	18.60	18.67	18.57	20.5	0
20	64QAM	50	50	18.66	18.50	18.62		
20	64QAM	100	0	18.66	18.62	18.50		
20	256QAM	1	0	18.27	18.32	18.38		
20	256QAM	1	49	18.29	18.20	18.39	20	0.5
20	256QAM	1	99	18.31	18.24	18.29		
20	256QAM	50	0	18.27	18.16	18.27		
20	256QAM	50	24	18.17	18.12	18.10	20	0.5
20	256QAM	50	50	18.22	18.16	18.20		
20	256QAM	100	0	18.17	18.10	18.18		
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.61	18.84	18.60		
15	QPSK	1	37	18.68	18.65	18.53	20.5	0
15	QPSK	1	74	18.65	18.71	18.65		
15	QPSK	36	0	18.51	18.64	18.66		
15	QPSK	36	20	18.66	18.61	18.63	20.5	0
15	QPSK	36	39	18.58	18.59	18.63		
15	QPSK	75	0	18.50	18.51	18.62		
15	16QAM	1	0	18.62	18.52	18.51		
15	16QAM	1	37	18.50	18.52	18.65	20.5	0
15	16QAM	1	74	18.58	18.54	18.52		
15	16QAM	36	0	18.53	18.66	18.58		
15	16QAM	36	20	18.53	18.51	18.52	20.5	0
15	16QAM	36	39	18.50	18.59	18.52		
15	16QAM	75	0	18.54	18.53	18.52		
15	64QAM	1	0	18.54	18.55	18.61		
15	64QAM	1	37	18.51	18.64	18.53	20.5	0
15	64QAM	1	74	18.61	18.53	18.53		
15	64QAM	36	0	18.67	18.67	18.52		
15	64QAM	36	20	18.62	18.59	18.52	20.5	0
15	64QAM	36	39	18.57	18.57	18.54		
15	64QAM	75	0	18.50	18.64	18.62		
15	256QAM	1	0	18.14	18.27	18.23		
15	256QAM	1	37	18.13	18.07	18.23	20	0.5
15	256QAM	1	74	18.25	18.13	18.16		
15	256QAM	36	0	18.11	18.04	18.16		
15	256QAM	36	20	18.04	18.16	18.15	20	0.5
15	256QAM	36	39	18.08	18.02	18.06		
15	256QAM	75	0	18.09	18.02	18.11		
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.64	18.80	18.58		
10	QPSK	1	25	18.65	18.63	18.50	20.5	0
10	QPSK	1	49	18.60	18.61	18.66		
10	QPSK	25	0	18.56	18.62	18.51		
10	QPSK	25	12	18.62	18.66	18.60	20.5	0
10	QPSK	25	25	18.50	18.61	18.65		
10	QPSK	50	0	18.50	18.57	18.57		
10	16QAM	1	0	18.63	18.58	18.60		
10	16QAM	1	25	18.57	18.58	18.61	20.5	0
10	16QAM	1	49	18.58	18.64	18.53		
10	16QAM	25	0	18.55	18.67	18.52		
10	16QAM	25	12	18.55	18.51	18.52	20.5	0
10	16QAM	25	25	18.53	18.57	18.50		
10	16QAM	50	0	18.54	18.54	18.52		
10	64QAM	1	0	18.59	18.59	18.66		
10	64QAM	1	25	18.54	18.61	18.65	20.5	0
10	64QAM	1	49	18.58	18.53	18.50		
10	64QAM	25	0	18.59	18.60	18.52		
10	64QAM	25	12	18.63	18.61	18.50	20.5	0
10	64QAM	25	25	18.60	18.53	18.53		
10	64QAM	50	0	18.66	18.51	18.61		
10	256QAM	1	0	18.14	18.19	18.45		
10	256QAM	1	25	18.17	18.09	18.25	20	0.5
10	256QAM	1	49	18.24	18.08	18.14		
10	256QAM	25	0	18.18	18.06	18.16		
10	256QAM	25	12	18.03	18.15	18.01	20	0.5
10	256QAM	25	25	18.12	18.06	18.08		
10	256QAM	50	0	18.12	18.17	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.64	18.78	18.56		
5	QPSK	1	12	18.61	18.66	18.55	20.5	0
5	QPSK	1	24	18.69	18.76	18.53		
5	QPSK	12	0	18.71	18.78	18.61		
5	QPSK	12	7	18.62	18.59	18.68	20.5	0
5	QPSK	12	13	18.68	18.66	18.62		
5	QPSK	25	0	18.64	18.71	18.57		
5	16QAM	1	0	18.65	18.67	18.69		
5	16QAM	1	12	18.68	18.73	18.66	20.5	0
5	16QAM	1	24	18.72	18.58	18.53		
5	16QAM	12	0	18.74	18.62	18.52		
5	16QAM	12	7	18.70	18.63	18.56	20.5	0
5	16QAM	12	13	18.79	18.59	18.53		
5	16QAM	25	0	18.73	18.61	18.55		
5	64QAM	1	0	18.59	18.76	18.70		
5	64QAM	1	12	18.69	18.61	18.60	20.5	0
5	64QAM	1	24	18.59	18.53	18.55		
5	64QAM	12	0	18.71	18.63	18.56		
5	64QAM	12	7	18.68	18.54	18.59	20.5	0
5	64QAM	12	13	18.79	18.60	18.53		
5	64QAM	25	0	18.63	18.67	18.58		
5	256QAM	1	0	18.14	18.16	18.30		
5	256QAM	1	12	18.18	18.13	18.27	20	0.5
5	256QAM	1	24	18.22	18.12	18.21		
5	256QAM	12	0	18.15	18.03	18.12		
5	256QAM	12	7	18.12	18.03	18.03	20	0.5
5	256QAM	12	13	18.11	18.07	18.07		
5	256QAM	25	0	18.07	18.12	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.66	18.78	18.57		
3	QPSK	1	8	18.63	18.56	18.52	20.5	0
3	QPSK	1	14	18.69	18.67	18.52		
3	QPSK	8	0	18.65	18.75	18.67		
3	QPSK	8	4	18.68	18.60	18.59	20.5	0
3	QPSK	8	7	18.63	18.65	18.65		
3	QPSK	15	0	18.70	18.70	18.67		
3	16QAM	1	0	18.63	18.68	18.66		
3	16QAM	1	8	18.78	18.74	18.62	20.5	0
3	16QAM	1	14	18.78	18.64	18.54		
3	16QAM	8	0	18.67	18.65	18.58		
3	16QAM	8	4	18.71	18.61	18.54	20.5	0
3	16QAM	8	7	18.77	18.58	18.55		
3	16QAM	15	0	18.74	18.61	18.53		
3	64QAM	1	0	18.59	18.78	18.62		
3	64QAM	1	8	18.72	18.65	18.61	20.5	0
3	64QAM	1	14	18.60	18.54	18.52		
3	64QAM	8	0	18.76	18.60	18.56		
3	64QAM	8	4	18.64	18.54	18.70	20.5	0
3	64QAM	8	7	18.72	18.54	18.55		
3	64QAM	15	0	18.65	18.64	18.54		
3	256QAM	1	0	18.17	18.20	18.26		
3	256QAM	1	8	18.23	18.07	18.34	20	0.5
3	256QAM	1	14	18.15	18.08	18.13		
3	256QAM	8	0	18.20	18.06	18.19		
3	256QAM	8	4	18.03	18.03	18.17	20	0.5
3	256QAM	8	7	18.06	18.06	18.07		
3	256QAM	15	0	18.06	18.16	18.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.66	18.78	18.59		
1.4	QPSK	1	3	18.68	18.58	18.54		
1.4	QPSK	1	5	18.71	18.68	18.50	20.5	0
1.4	QPSK	3	0	18.63	18.80	18.62		
1.4	QPSK	3	1	18.70	18.59	18.60		
1.4	QPSK	3	3	18.59	18.55	18.64		
1.4	QPSK	6	0	18.67	18.72	18.58	20.5	0
1.4	16QAM	1	0	18.62	18.65	18.64		
1.4	16QAM	1	3	18.79	18.75	18.63		
1.4	16QAM	1	5	18.82	18.54	18.60	20.5	0
1.4	16QAM	3	0	18.71	18.68	18.53		
1.4	16QAM	3	1	18.73	18.63	18.50		
1.4	16QAM	3	3	18.79	18.62	18.51		
1.4	16QAM	6	0	18.72	18.61	18.53	20.5	0
1.4	64QAM	1	0	18.67	18.69	18.68		
1.4	64QAM	1	5	18.57	18.51	18.57	20.5	0
1.4	64QAM	3	0	18.77	18.68	18.58		
1.4	64QAM	3	1	18.71	18.60	18.50		
1.4	64QAM	3	3	18.75	18.52	18.51		
1.4	64QAM	6	0	18.61	18.75	18.55	20.5	0
1.4	256QAM	1	0	18.18	18.17	18.32		
1.4	256QAM	1	3	18.17	18.15	18.32		
1.4	256QAM	1	5	18.15	18.19	18.20	20	0.5
1.4	256QAM	3	0	18.15	18.04	18.15		
1.4	256QAM	3	1	18.06	18.17	18.03		
1.4	256QAM	3	3	18.07	18.24	18.12		
1.4	256QAM	6	0	18.06	18.15	18.07	20	0.5

Band 4_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.54	16.58	16.42		
20	QPSK	1	49	16.53	16.39	16.39	17.5	0
20	QPSK	1	99	16.40	16.34	16.31		
20	QPSK	50	0	16.24	16.23	16.13		
20	QPSK	50	24	16.21	16.14	16.12	17.5	0
20	QPSK	50	50	16.23	16.12	16.05		
20	QPSK	100	0	16.27	16.28	16.18		
20	16QAM	1	0	16.43	16.36	16.35		
20	16QAM	1	49	16.40	16.34	16.33	17.5	0
20	16QAM	1	99	16.31	16.21	16.17		
20	16QAM	50	0	16.18	16.14	16.16		
20	16QAM	50	24	16.22	16.11	16.05	17.5	0
20	16QAM	50	50	16.13	16.11	16.05		
20	16QAM	100	0	16.23	16.09	16.12		
20	64QAM	1	0	16.26	16.31	16.28		
20	64QAM	1	49	16.25	16.19	16.22	17.5	0
20	64QAM	1	99	16.12	16.14	16.06		
20	64QAM	50	0	16.23	16.20	16.13		
20	64QAM	50	24	16.18	16.18	16.12	17.5	0
20	64QAM	50	50	16.12	16.20	16.06		
20	64QAM	100	0	16.17	16.15	16.13		
20	256QAM	1	0	16.35	16.27	16.14		
20	256QAM	1	49	16.18	16.18	16.21	17.5	0
20	256QAM	1	99	16.25	16.26	16.19		
20	256QAM	50	0	16.12	16.14	16.06		
20	256QAM	50	24	16.00	16.11	16.18	17.5	0
20	256QAM	50	50	16.11	16.16	16.18		
20	256QAM	100	0	16.14	16.06	16.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.49	16.52	16.29		
15	QPSK	1	37	16.46	16.23	16.23	17.5	0
15	QPSK	1	74	16.27	16.20	16.26		
15	QPSK	36	0	16.14	16.21	16.02		
15	QPSK	36	20	16.11	15.98	16.00	17.5	0
15	QPSK	36	39	16.12	16.00	15.91		
15	QPSK	75	0	16.22	16.07	16.06		
15	16QAM	1	0	16.35	16.21	16.28		
15	16QAM	1	37	16.30	16.21	16.20	17.5	0
15	16QAM	1	74	16.26	16.08	16.01		
15	16QAM	36	0	16.10	15.98	16.08		
15	16QAM	36	20	16.08	15.98	15.95	17.5	0
15	16QAM	36	39	16.04	15.96	15.99		
15	16QAM	75	0	16.14	15.93	16.02		
15	64QAM	1	0	16.21	16.23	16.13		
15	64QAM	1	37	16.17	16.13	16.17	17.5	0
15	64QAM	1	74	16.04	16.12	15.99		
15	64QAM	36	0	16.11	16.15	16.00		
15	64QAM	36	20	16.03	16.06	16.05	17.5	0
15	64QAM	36	39	15.98	16.04	15.95		
15	64QAM	75	0	16.09	16.01	16.08		
15	256QAM	1	0	16.21	16.13	16.07		
15	256QAM	1	37	16.03	16.02	16.07	17.5	0
15	256QAM	1	74	16.05	16.14	16.05		
15	256QAM	36	0	16.06	16.01	15.98		
15	256QAM	36	20	15.90	15.99	16.08	17.5	0
15	256QAM	36	39	16.00	16.01	16.05		
15	256QAM	75	0	15.98	15.98	16.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.49	16.42	16.28		
10	QPSK	1	25	16.42	16.30	16.31	17.5	0
10	QPSK	1	49	16.31	16.28	16.21		
10	QPSK	25	0	16.09	16.06	16.06		
10	QPSK	25	12	16.15	16.03	15.99	17.5	0
10	QPSK	25	25	16.07	16.04	16.00		
10	QPSK	50	0	16.19	16.08	16.12		
10	16QAM	1	0	16.38	16.29	16.29		
10	16QAM	1	25	16.29	16.21	16.22	17.5	0
10	16QAM	1	49	16.26	16.09	16.06		
10	16QAM	25	0	16.03	16.03	16.05		
10	16QAM	25	12	16.07	16.02	16.00	17.5	0
10	16QAM	25	25	16.06	15.99	15.91		
10	16QAM	50	0	16.14	16.01	16.07		
10	64QAM	1	0	16.13	16.23	16.21		
10	64QAM	1	25	16.14	16.13	16.17	17.5	0
10	64QAM	1	49	16.02	16.09	15.98		
10	64QAM	25	0	16.10	16.09	16.04		
10	64QAM	25	12	16.12	16.04	16.07	17.5	0
10	64QAM	25	25	15.97	16.05	16.01		
10	64QAM	50	0	16.02	16.07	16.00		
10	256QAM	1	0	16.25	16.20	15.98		
10	256QAM	1	25	16.08	16.10	16.09	17.5	0
10	256QAM	1	49	16.14	16.13	16.12		
10	256QAM	25	0	16.05	16.09	15.92		
10	256QAM	25	12	15.84	16.04	16.03	17.5	0
10	256QAM	25	25	16.04	16.00	16.05		
10	256QAM	50	0	16.01	16.05	16.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.39	16.45	16.32		
5	QPSK	1	12	16.43	16.31	16.32	17.5	0
5	QPSK	1	24	16.28	16.16	16.22		
5	QPSK	12	0	16.06	16.26	16.05		
5	QPSK	12	7	16.05	16.03	16.01	17.5	0
5	QPSK	12	13	16.12	16.06	15.96		
5	QPSK	25	0	16.11	16.09	16.12		
5	16QAM	1	0	16.33	16.28	16.26		
5	16QAM	1	12	16.25	16.25	16.23	17.5	0
5	16QAM	1	24	16.06	16.14	16.03		
5	16QAM	12	0	16.06	16.07	16.09		
5	16QAM	12	7	16.07	15.95	15.96	17.5	0
5	16QAM	12	13	16.08	16.03	15.91		
5	16QAM	25	0	16.14	16.01	15.97		
5	64QAM	1	0	16.20	16.16	16.15		
5	64QAM	1	12	16.16	16.13	16.12	17.5	0
5	64QAM	1	24	15.98	16.05	15.96		
5	64QAM	12	0	16.15	16.10	16.06		
5	64QAM	12	7	16.03	16.08	16.04	17.5	0
5	64QAM	12	13	16.03	16.08	15.99		
5	64QAM	25	0	16.10	15.98	16.05		
5	256QAM	1	0	16.24	16.19	16.03		
5	256QAM	1	12	16.06	16.09	16.11	17.5	0
5	256QAM	1	24	16.11	16.13	16.05		
5	256QAM	12	0	16.06	16.01	15.96		
5	256QAM	12	7	15.86	16.05	16.12	17.5	0
5	256QAM	12	13	16.06	16.06	16.12		
5	256QAM	25	0	16.00	16.04	16.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.47	16.42	16.33		
3	QPSK	1	8	16.42	16.32	16.23	17.5	0
3	QPSK	1	14	16.29	16.26	16.22		
3	QPSK	8	0	16.10	16.28	16.05		
3	QPSK	8	4	16.06	16.06	16.02	17.5	0
3	QPSK	8	7	16.12	16.03	15.93		
3	QPSK	15	0	16.19	16.07	16.13		
3	16QAM	1	0	16.27	16.26	16.21		
3	16QAM	1	8	16.31	16.21	16.24	17.5	0
3	16QAM	1	14	16.26	16.13	16.08		
3	16QAM	8	0	16.03	16.05	16.03		
3	16QAM	8	4	16.06	16.05	15.92	17.5	0
3	16QAM	8	7	16.04	15.96	15.97		
3	16QAM	15	0	16.17	16.00	16.06		
3	64QAM	1	0	16.19	16.15	16.14		
3	64QAM	1	8	16.19	16.13	16.15	17.5	0
3	64QAM	1	14	15.96	16.12	15.99		
3	64QAM	8	0	16.13	16.06	15.98		
3	64QAM	8	4	16.07	16.07	15.99	17.5	0
3	64QAM	8	7	15.96	16.12	15.91		
3	64QAM	15	0	16.09	16.01	15.97		
3	256QAM	1	0	16.21	16.15	16.07		
3	256QAM	1	8	16.12	16.12	16.05	17.5	0
3	256QAM	1	14	16.18	16.17	16.08		
3	256QAM	8	0	16.07	16.00	15.94		
3	256QAM	8	4	15.89	15.98	16.05	17.5	0
3	256QAM	8	7	16.00	16.05	16.07		
3	256QAM	15	0	15.99	15.98	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.46	16.47	16.27		
1.4	QPSK	1	3	16.44	16.25	16.24		
1.4	QPSK	1	5	16.30	16.29	16.18	17.5	0
1.4	QPSK	3	0	16.11	16.19	15.99		
1.4	QPSK	3	1	16.16	15.98	15.96		
1.4	QPSK	3	3	16.11	15.97	15.92		
1.4	QPSK	6	0	16.19	16.12	16.09	17.5	0
1.4	16QAM	1	0	16.35	16.22	16.20		
1.4	16QAM	1	3	16.33	16.27	16.18		
1.4	16QAM	1	5	16.15	16.15	16.07	17.5	0
1.4	16QAM	3	0	16.04	16.02	16.11		
1.4	16QAM	3	1	16.16	15.99	16.00		
1.4	16QAM	3	3	15.99	15.99	15.94		
1.4	16QAM	6	0	16.17	16.01	16.05	17.5	0
1.4	64QAM	1	0	16.17	16.17	16.12		
1.4	64QAM	1	3	16.12	16.08	16.16		
1.4	64QAM	1	5	16.00	16.06	15.94	17.5	0
1.4	64QAM	3	0	16.09	16.07	16.00		
1.4	64QAM	3	1	15.99	16.09	16.03		
1.4	64QAM	3	3	16.00	16.12	15.91		
1.4	64QAM	6	0	16.10	16.08	16.08	17.5	0
1.4	256QAM	1	0	16.20	16.15	16.06		
1.4	256QAM	1	3	16.10	16.12	16.07		
1.4	256QAM	1	5	16.18	16.14	16.03	17.5	0
1.4	256QAM	3	0	15.96	16.06	15.96		
1.4	256QAM	3	1	15.84	16.00	16.02		
1.4	256QAM	3	3	15.99	16.09	16.03		
1.4	256QAM	6	0	16.05	16.01	16.04	17.5	0

Band 4_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	23.95	23.88		
20	QPSK	1	49	23.87	23.83	23.78	25	0
20	QPSK	1	99	23.82	23.74	23.71		
20	QPSK	50	0	22.83	22.85	22.84		
20	QPSK	50	24	22.73	22.83	22.82	24	1
20	QPSK	50	50	22.72	22.78	22.78		
20	QPSK	100	0	22.80	22.82	22.79		
20	16QAM	1	0	23.05	23.09	23.16		
20	16QAM	1	49	23.03	23.03	23.08	24	1
20	16QAM	1	99	23.06	23.02	22.90		
20	16QAM	50

Band 4_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.52	16.96	16.73	18	0
20	QPSK	1	49	16.80	16.78	16.67		
20	QPSK	1	99	16.76	16.77	16.65		
20	QPSK	50	0	16.66	16.69	16.61		
20	QPSK	50	24	16.56	16.59	16.49	18	0
20	QPSK	50	50	16.57	16.55	16.49		
20	QPSK	100	0	16.58	16.59	16.58		
20	16QAM	1	0	16.93	16.78	16.69	18	0
20	16QAM	1	49	16.74	16.59	16.59		
20	16QAM	1	99	16.59	16.61	16.45		
20	16QAM	50	0	16.59	16.62	16.49	18	0
20	16QAM	50	24	16.63	16.59	16.40		
20	16QAM	50	50	16.52	16.47	16.48		
20	16QAM	100	0	16.57	16.56	16.44		
20	64QAM	1	0	16.81	16.68	16.67	18	0
20	64QAM	1	49	16.62	16.61	16.44		
20	64QAM	1	99	16.60	16.55	16.41		
20	64QAM	50	0	16.67	16.59	16.54	18	0
20	64QAM	50	24	16.62	16.51	16.45		
20	64QAM	50	50	16.55	16.51	16.47		
20	64QAM	100	0	16.67	16.51	16.44		
20	256QAM	1	0	16.62	16.71	16.79	18	0
20	256QAM	1	49	16.56	16.64	16.53		
20	256QAM	1	99	16.60	16.63	16.66		
20	256QAM	50	0	16.59	16.59	16.55	18	0
20	256QAM	50	24	16.61	16.60	16.67		
20	256QAM	50	50	16.47	16.63	16.48		
20	256QAM	100	0	16.49	16.47	16.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.75	16.81	16.64	18	0
15	QPSK	1	37	16.68	16.69	16.54		
15	QPSK	1	74	16.65	16.70	16.56		
15	QPSK	36	0	16.54	16.60	16.50	18	0
15	QPSK	36	20	16.45	16.51	16.42		
15	QPSK	36	39	16.47	16.42	16.38		
15	QPSK	75	0	16.53	16.43	16.43		
15	16QAM	1	0	16.86	16.68	16.58	18	0
15	16QAM	1	37	16.68	16.43	16.51		
15	16QAM	1	74	16.45	16.55	16.34		
15	16QAM	36	0	16.46	16.48	16.34	18	0
15	16QAM	36	20	16.58	16.52	16.28		
15	16QAM	36	39	16.39	16.35	16.39		
15	16QAM	75	0	16.52	16.41	16.39		
15	64QAM	1	0	16.76	16.59	16.61	18	0
15	64QAM	1	37	16.49	16.49	16.29		
15	64QAM	1	74	16.46	16.50	16.25		
15	64QAM	36	0	16.54	16.54	16.40	18	0
15	64QAM	36	20	16.54	16.39	16.35		
15	64QAM	36	39	16.44	16.43	16.41		
15	64QAM	75	0	16.56	16.45	16.32		
15	256QAM	1	0	16.54	16.60	16.70	18	0
15	256QAM	1	37	16.44	16.48	16.44		
15	256QAM	1	74	16.51	16.50	16.61		
15	256QAM	36	0	16.34	16.48	16.44	18	0
15	256QAM	36	20	16.50	16.52	16.59		
15	256QAM	36	39	16.38	16.54	16.35		
15	256QAM	75	0	16.43	16.38	16.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.74	16.72	16.68	18	0
10	QPSK	1	25	16.69	16.73	16.51		
10	QPSK	1	49	16.65	16.72	16.59		
10	QPSK	25	0	16.51	16.56	16.56		
10	QPSK	25	12	16.45	16.52	16.33	18	0
10	QPSK	25	25	16.46	16.50	16.33		
10	QPSK	50	0	16.45	16.46	16.54		
10	16QAM	1	0	16.77	16.72	16.59	18	0
10	16QAM	1	25	16.60	16.49	16.53		
10	16QAM	1	49	16.53	16.55	16.29		
10	16QAM	25	0	16.43	16.53	16.42	18	0
10	16QAM	25	12	16.58	16.47	16.26		
10	16QAM	25	25	16.37	16.35	16.32		
10	16QAM	50	0	16.51	16.47	16.37		
10	64QAM	1	0	16.67	16.58	16.53	18	0
10	64QAM	1	25	16.52	16.51	16.31		
10	64QAM	1	49	16.49	16.45	16.27		
10	64QAM	25	0	16.52	16.47	16.42	18	0
10	64QAM	25	12	16.51	16.43	16.39		
10	64QAM	25	25	16.39	16.35	16.42		
10	64QAM	50	0	16.58	16.41	16.33		
10	256QAM	1	0	16.53	16.56	16.66	18	0
10	256QAM	1	25	16.48	16.55	16.44		
10	256QAM	1	49	16.54	16.56	16.54		
10	256QAM	25	0	16.36	16.48	16.50	18	0
10	256QAM	25	12	16.46	16.53	16.61		
10	256QAM	25	25	16.37	16.49	16.40		
10	256QAM	50	0	16.37	16.37	16.43		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.77	16.73	16.63	18	0
5	QPSK	1	12	16.75	16.65	16.54		
5	QPSK	1	24	16.68	16.69	16.57		
5	QPSK	12	0	16.58	16.54	16.56	18	0
5	QPSK	12	7	16.48	16.45	16.41		
5	QPSK	12	13	16.52	16.47	16.42		
5	QPSK	25	0	16.48	16.47	16.45		
5	16QAM	1	0	16.85	16.73	16.56	18	0
5	16QAM	1	12	16.69	16.43	16.53		
5	16QAM	1	24	16.53	16.52	16.37		
5	16QAM	12	0	16.46	16.56	16.33	18	0
5	16QAM	12	7	16.47	16.44	16.32		
5	16QAM	12	13	16.46	16.42	16.35		
5	16QAM	25	0	16.43	16.44	16.36		
5	64QAM	1	0	16.67	16.56	16.58	18	0
5	64QAM	1	12	16.50	16.56	16.38		
5	64QAM	1	24	16.48	16.41	16.30		
5	64QAM	12	0	16.62	16.47	16.40	18	0
5	64QAM	12	7	16.57	16.43	16.35		
5	64QAM	12	13	16.41	16.38	16.34		
5	64QAM	25	0	16.55	16.39	16.30		
5	256QAM	1	0	16.57	16.66	16.71	18	0
5	256QAM	1	12	16.40	16.48	16.41		
5	256QAM	1	24	16.48	16.52	16.38		
5	256QAM	12	0	16.34	16.46	16.46	18	0
5	256QAM	12	7	16.49	16.52	16.60		
5	256QAM	12	13	16.37	16.55	16.35		
5	256QAM	25	0	16.36	16.48	16.48		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.77	16.79	16.59	18	0
3	QPSK	1	8	16.64	16.65	16.62		
3	QPSK	1	14	16.61	16.68	16.49		
3	QPSK	8	0	16.61	16.61	16.49	18	0
3	QPSK	8	4	16.47	16.54	16.42		
3	QPSK	8	7	16.44	16.41	16.37		
3	QPSK	15	0	16.48	16.52	16.49		
3	16QAM	1	0	16.79	16.65	16.54	18	0
3	16QAM	1	8	16.68	16.46	16.45		
3	16QAM	1	14	16.54	16.47	16.38		
3	16QAM	8	0	16.45	16.53	16.43	18	0
3	16QAM	8	4	16.56	16.46	16.26		
3	16QAM	8	7	16.46	16.38	16.38		
3	16QAM	15	0	16.43	16.40	16.34		
3	64QAM	1	0	16.70	16.52	16.60	18	0
3	64QAM	1	8	16.55	16.53	16.33		
3	64QAM	1	14	16.46	16.43	16.25		
3	64QAM	8	0	16.51	16.48	16.42	18	0
3	64QAM	8	4	16.51	16.45	16.35		
3	64QAM	8	7	16.45	16.44	16.42		
3	64QAM	15	0	16.60	16.45	16.36		
3	256QAM	1	0	16.46	16.56	16.67	18	0
3	256QAM	1	8	16.50	16.57	16.45		
3	256QAM	1	14	16.53	16.57	16.50		
3	256QAM	8	0	16.45	16.44	16.46	18	0
3	256QAM	8	4	16.55	16.54	16.59		
3	256QAM	8	7	16.34	16.55	16.43		
3	256QAM	15	0	16.44	16.33	16.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.74	16.77	16.61	18	0
1.4	QPSK	1	3	16.73	16.67	16.61		
1.4	QPSK	1	5	16.70	16.63	16.51		
1.4	QPSK	3	0	16.57	16.57	16.52		
1.4	QPSK	3	1	16.47	16.49	16.39		
1.4	QPSK	3	3	16.41	16.39	16.44		
1.4	QPSK	6	0	16.43	16.53	16.48	18	0
1.4	16QAM	1	0	16.78	16.65	16.57	18	0
1.4	16QAM	1	3	16.65	16.49	16.44		
1.4	16QAM	1	5	16.47	16.54	16.36		
1.4	16QAM	3	0	16.52	16.55	16.42		
1.4	16QAM	3	1	16.51	16.52	16.31		
1.4	16QAM	3	3	16.41	16.31	16.36		
1.4	16QAM	6	0	16.52	16.47	16.35	18	0
1.4	64QAM	1	0	16.74	16.52	16.61	18	0
1.4	64QAM	1	3	16.49	16.52	16.38		
1.4	64QAM	1	5	16.47	16.44	16.34		
1.4	64QAM	3	0	16.56	16.47	16.39		
1.4	64QAM	3	1	16.47	16.37	16.31		
1.4	64QAM	3	3	16.42	16.35	16.33		
1.4	64QAM	6	0	16.55	16.40	16.33	18	0
1.4	256QAM	1	0	16.54	16.61	16.67	18	0
1.4	256QAM	1	3	16.45	16.54	16.42		
1.4	256QAM	1	5	16.45	16.50	16.57		
1.4	256QAM	3	0	16.42	16.45	16.48		
1.4	256QAM	3	1	16.53	16.44	16.55		
1.4	256QAM	3	3	16.40	16.47	16.42		
1.4	256QAM	6	0	16.41	16.39	16.40	18	0

Band 5_Ant 0_Other PA

BW [MHz]	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	23.79	23.80	23.70	25	0
10	QPSK	1	25	23.64	23.77	23.63		
10	QPSK	1	49	23.73	23.76	23.68		
10	QPSK	25	0	22.70	22.77	22.70		
10	QPSK	25	12	22.65	22.62	22.63	24	1
10	QPSK	25	25	22.72	22.66	22.64		
10	QPSK	50	0	22.68	22.77	22.57		
10	16QAM	1	0	22.77	22.88	22.86	24	1
10	16QAM	1	25	22.80	22.84	22.72		
10	16QAM	1	49	22.81	22.78	22.73		
10	16QAM	25	0	21.67	21.63	21.60	23	2
10	16QAM	25	12	21.61	21.65	21.63		
10	16QAM	25	25	21.67	21.65	21.58		
10	16QAM	50	0	21.65	21.62	21.65		
10	64QAM	1	0	21.77	21.76	21.80	23	2
10	64QAM	1	25	21.78	21.72	21.73		
10	64QAM	1	49	21.78	21.75	21.79		
10	64QAM	25	0	20.68	20.62	20.71	22	3
10	64QAM	25	12	20.66	20.68	20.55		
10	64QAM	25	25	20.68	20.61	20.63		
10	64QAM	50	0	20.67	20.66	20.64		
10	256QAM	1	0	18.99	19.00	18.97	20	5
10	256QAM	1	25	19.00	18.95	19.01		
10	256QAM	1	49	18.89	18.99	18.92		
10	256QAM	25	0	18.90	18.83	18.74	20	5
10	256QAM	25	12	18.92	18.81	18.86		
10	256QAM	25	25	18.83	18.88	18.80		
10	256QAM	50	0	18.83	18.82	18.86		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.55	23.59	23.64	25	0
5	QPSK	1	12	23.50	23.72	23.57		
5	QPSK	1	24	23.57	23.67	23.62		
5	QPSK	12	0	22.70	22.64	22.46	24	1
5	QPSK	12	7	22.57	22.54	22.52		
5	QPSK	12	13	22.56	22.61	22.48		
5	QPSK	25	0	22.52	22.70	22.43		
5	16QAM	1	0	22.72	22.83	22.75	24	1
5	16QAM	1	12	22.65	22.77	22.59		
5	16QAM	1	24	22.73	22.64	22.63		
5	16QAM	12	0	21.60	21.53	21.52	23	2
5	16QAM	12	7	21.55	21.57	21.53		
5	16QAM	12	13	21.54	21.58	21.53		
5	16QAM	25	0	21.54	21.46	21.54		
5	64QAM	1	0	21.64	21.60	21.72	23	2
5	64QAM	1	12	21.70	21.59	21.64		
5	64QAM	1	24	21.68	21.68	21.73		
5	64QAM	12	0	20.55	20.57	20.60	22	3
5	64QAM	12	7	20.60	20.54	20.50		
5	64QAM	12	13	20.56	20.54	20.48		
5	64QAM	25	0	20.55	20.54	20.49		
5	256QAM	1	0	18.84	18.92	18.81	20	5
5	256QAM	1	12	18.85	18.88	18.87		
5	256QAM	1	24	18.79	18.93	18.85		
5	256QAM	12	0	18.77	18.75	18.67	20	5
5	256QAM	12	7	18.84	18.68	18.71		
5	256QAM	12	13	18.73	18.80	18.66		
5	256QAM	25	0	18.69	18.69	18.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.61	23.64	23.62	25	0
3	QPSK	1	8	23.50	23.64	23.51		
3	QPSK	1	14	23.60	23.67	23.57		
3	QPSK	8	0	22.60	22.55	22.44	24	1
3	QPSK	8	4	22.56	22.53	22.54		
3	QPSK	8	7	22.57	22.60	22.58		
3	QPSK	15	0	22.55	22.63	22.41		
3	16QAM	1	0	22.65	22.83	22.76	24	1
3	16QAM	1	8	22.65	22.69	22.67		
3	16QAM	1	14	22.71	22.72	22.59		
3	16QAM	8	0	21.62	21.49	21.55	23	2
3	16QAM	8	4	21.52	21.54	21.53		
3	16QAM	8	7	21.59	21.49	21.50		
3	16QAM	15	0	21.50	21.52	21.50		
3	64QAM	1	0	21.64	21.60	21.66	23	2
3	64QAM	1	8	21.60	21.58	21.58		
3	64QAM	1	14	21.68	21.61	21.66		
3	64QAM	8	0	20.61	20.50	20.63	22	3
3	64QAM	8	4	20.61	20.60	20.49		
3	64QAM	8	7	20.60	20.51	20.56		
3	64QAM	15	0	20.56	20.53	20.56		
3	256QAM	1	0	18.88	18.91	18.82	20	5
3	256QAM	1	8	18.90	18.83	18.87		
3	256QAM	1	14	18.81	18.89	18.76		
3	256QAM	8	0	18.80	18.69	18.63	20	5
3	256QAM	8	4	18.81	18.69	18.74		
3	256QAM	8	7	18.75	18.81	18.74		
3	256QAM	15	0	18.69	18.75	18.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.60	23.61	25	0
1.4	QPSK	1	3	23.54	23.62	23.47		
1.4	QPSK	1	5	23.64	23.60	23.63		
1.4	QPSK	3	0	23.57	23.64	23.62		
1.4	QPSK	3	1	23.49	23.65	23.50		
1.4	QPSK	3	3	23.62	23.70	23.52		
1.4	QPSK	6	0	22.60	22.62	22.49	24	1
1.4	16QAM	1	0	22.61	22.83	22.79	24	1
1.4	16QAM	1	3	22.70	22.79	22.67		
1.4	16QAM	1	5	22.74	22.62	22.58		
1.4	16QAM	3	0	22.68	22.62	22.54		
1.4	16QAM	3	1	22.57	22.57	22.56		
1.4	16QAM	3	3	22.56	22.57	22.49		
1.4	16QAM	6	0	21.58	21.49	21.60	23	2
1.4	64QAM	1	0	21.72	21.70	21.70	23	2
1.4	64QAM	1	3	21.69	21.57	21.66		
1.4	64QAM	1	5	21.66	21.67	21.71		
1.4	64QAM	3	0	21.58	21.47	21.55		
1.4	64QAM	3	1	21.47	21.52	21.49		
1.4	64QAM	3	3	21.52	21.51	21.48		
1.4	64QAM	6	0	20.59	20.60	20.52	22	3
1.4	256QAM	1	0	18.88	18.86	18.88	20	5
1.4	256QAM	1	3	18.90	18.90	18.89		
1.4	256QAM	1	5	18.82	18.83	18.87		
1.4	256QAM	3	0	18.77	18.76	18.69		
1.4	256QAM	3	1	18.83	18.66	18.81		
1.4	256QAM	3	3	18.71	18.80	18.67		
1.4	256QAM	6	0	18.77	18.68	18.77	20	5

Band 5_Ant 1_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.84	19.93	19.75	21.5	0
10	QPSK	1	25	19.74	19.75	19.66		
10	QPSK	1	49	19.80	19.74	19.73		
10	QPSK	25	0	19.53	19.67	19.61		
10	QPSK	25	12	19.51	19.55	19.59	21.5	0
10	QPSK	25	25	19.50	19.56	19.59		
10	QPSK	50	0	19.53	19.62	19.56		
10	16QAM	1	0	19.56	19.59	19.59	21.5	0
10	16QAM	1	25	19.63	19.59	19.51		
10	16QAM	1	49	19.61	19.58	19.55		
10	16QAM	25	0	19.61	19.59	19.54	21.5	0
10	16QAM	25	12	19.56	19.57	19.54		
10	16QAM	25	25	19.59	19.50	19.58		
10	16QAM	50	0	19.55	19.53	19.58		
10	64QAM	1	0	19.53	19.55	19.68	21.5	0
10	64QAM	1	25	19.55	19.58	19.57		
10	64QAM	1	49	19.57	19.57	19.51		
10	64QAM	25	0	19.55	19.58	19.54	21.5	0
10	64QAM	25	12	19.52	19.59	19.53		
10	64QAM	25	25	19.54	19.50	19.59		
10	64QAM	50	0	19.63	19.51	19.54		
10	256QAM	1	0	18.51	18.43	18.37	20	1.5
10	256QAM	1	25	18.40	18.39	18.37		
10	256QAM	1	49	18.36	18.31	18.36		
10	256QAM	25	0	18.32	18.30	18.35	20	1.5
10	256QAM	25	12	18.26	18.23	18.26		
10	256QAM	25	25	18.28	18.31	18.22		
10	256QAM	50	0	18.20	18.26	18.24		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.79	19.81	19.66	21.5	0
5	QPSK	1	12	19.67	19.61	19.52		
5	QPSK	1	24	19.74	19.60	19.63		
5	QPSK	12	0	19.63	19.77	19.64	21.5	0
5	QPSK	12	7	19.59	19.58	19.65		
5	QPSK	12	13	19.63	19.67	19.64		
5	QPSK	25	0	19.61	19.75	19.68		
5	16QAM	1	0	19.69	19.70	19.65	21.5	0
5	16QAM	1	12	19.70	19.63	19.63		
5	16QAM	1	24	19.67	19.70	19.68		
5	16QAM	12	0	19.67	19.67	19.67	21.5	0
5	16QAM	12	7	19.62	19.64	19.59		
5	16QAM	12	13	19.63	19.63	19.67		
5	16QAM	25	0	19.58	19.62	19.65		
5	64QAM	1	0	19.62	19.67	19.75	21.5	0
5	64QAM	1	12	19.66	19.62	19.70		
5	64QAM	1	24	19.65	19.61	19.59		
5	64QAM	12	0	19.68	19.66	19.66	21.5	0
5	64QAM	12	7	19.59	19.65	19.62		
5	64QAM	12	13	19.61	19.62	19.61		
5	64QAM	25	0	19.67	19.53	19.58		
5	256QAM	1	0	18.42	18.33	18.22	20	1.5
5	256QAM	1	12	18.35	18.24	18.23		
5	256QAM	1	24	18.25	18.19	18.22		
5	256QAM	12	0	18.19	18.14	18.29	20	1.5
5	256QAM	12	7	18.20	18.12	18.11		
5	256QAM	12	13	18.22	18.16	18.13		
5	256QAM	25	0	18.11	18.14	18.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.74	19.79	19.66	21.5	0
3	QPSK	1	8	19.65	19.61	19.53		
3	QPSK	1	14	19.74	19.69	19.60		
3	QPSK	8	0	19.62	19.73	19.70	21.5	0
3	QPSK	8	4	19.53	19.58	19.65		
3	QPSK	8	7	19.61	19.61	19.62		
3	QPSK	15	0	19.61	19.73	19.69		
3	16QAM	1	0	19.64	19.65	19.68	21.5	0
3	16QAM	1	8	19.69	19.68	19.64		
3	16QAM	1	14	19.64	19.68	19.64		
3	16QAM	8	0	19.63	19.63	19.63	21.5	0
3	16QAM	8	4	19.66	19.63	19.61		
3	16QAM	8	7	19.65	19.53	19.66		
3

Band 7_Ant 2_Other PA

BW [MHz]	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	22.63	22.68	22.58	24.5	0
20	QPSK	1	49	22.55	22.54	22.57		
20	QPSK	1	99	22.61	22.58	22.56		
20	QPSK	50	0	21.63	21.60	21.58	23.5	1
20	QPSK	50	24	21.60	21.53	21.53		
20	QPSK	50	50	21.61	21.57	21.57		
20	QPSK	100	0	21.61	21.62	21.57		
20	16QAM	1	0	21.78	21.73	21.58	23.5	1
20	16QAM	1	49	21.77	21.76	21.60		
20	16QAM	1	99	21.82	21.72	21.56		
20	16QAM	50	0	20.57	20.55	20.57	22.5	2
20	16QAM	50	24	20.61	20.52	20.51		
20	16QAM	50	50	20.63	20.55	20.55		
20	16QAM	100	0	20.60	20.54	20.55		
20	64QAM	1	0	20.75	20.68	20.55	22.5	2
20	64QAM	1	49	20.66	20.67	20.60		
20	64QAM	1	99	20.77	20.72	20.56		
20	64QAM	50	0	19.59	19.57	19.59	21.5	3
20	64QAM	50	24	19.60	19.53	19.54		
20	64QAM	50	50	19.64	19.56	19.57		
20	64QAM	100	0	19.62	19.56	19.56		
20	256QAM	1	0	17.64	17.58	17.64	19.5	5
20	256QAM	1	49	17.53	17.55	17.56		
20	256QAM	1	99	17.57	17.54	17.60		
20	256QAM	50	0	17.51	17.51	17.57	19.5	5
20	256QAM	50	24	17.54	17.50	17.52		
20	256QAM	50	50	17.52	17.51	17.58		
20	256QAM	100	0	17.56	17.52	17.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.67	22.53	24.5	0
15	QPSK	1	37	22.55	22.56	22.54		
15	QPSK	1	74	22.61	22.55	22.55		
15	QPSK	36	0	21.59	21.62	21.54	23.5	1
15	QPSK	36	20	21.63	21.51	21.52		
15	QPSK	36	39	21.64	21.53	21.57		
15	QPSK	75	0	21.62	21.63	21.59		
15	16QAM	1	0	21.77	21.74	21.59	23.5	1
15	16QAM	1	37	21.82	21.73	21.64		
15	16QAM	1	74	21.82	21.68	21.60		
15	16QAM	36	0	20.58	20.59	20.58	22.5	2
15	16QAM	36	20	20.57	20.56	20.54		
15	16QAM	36	39	20.62	20.59	20.51		
15	16QAM	75	0	20.61	20.54	20.54		
15	64QAM	1	0	20.71	20.69	20.59	22.5	2
15	64QAM	1	37	20.67	20.67	20.62		
15	64QAM	1	74	20.76	20.73	20.52		
15	64QAM	36	0	19.59	19.59	19.58	21.5	3
15	64QAM	36	20	19.59	19.53	19.52		
15	64QAM	36	39	19.60	19.53	19.60		
15	64QAM	75	0	19.64	19.53	19.56		
15	256QAM	1	0	17.60	17.53	17.60	19.5	5
15	256QAM	1	37	17.54	17.51	17.61		
15	256QAM	1	74	17.58	17.50	17.54		
15	256QAM	36	0	17.52	17.56	17.56	19.5	5
15	256QAM	36	20	17.51	17.53	17.50		
15	256QAM	36	39	17.55	17.55	17.52		
15	256QAM	75	0	17.54	17.59	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.67	22.66	22.54	24.5	0
10	QPSK	1	25	22.56	22.56	22.55		
10	QPSK	1	49	22.60	22.53	22.51		
10	QPSK	25	0	21.59	21.59	21.58	23.5	1
10	QPSK	25	12	21.61	21.57	21.58		
10	QPSK	25	25	21.55	21.53	21.51		
10	QPSK	50	0	21.65	21.63	21.53		
10	16QAM	1	0	21.78	21.77	21.59	23.5	1
10	16QAM	1	25	21.74	21.79	21.61		
10	16QAM	1	49	21.78	21.70	21.60		
10	16QAM	25	0	20.59	20.57	20.51	22.5	2
10	16QAM	25	12	20.62	20.59	20.55		
10	16QAM	25	25	20.63	20.58	20.56		
10	16QAM	50	0	20.59	20.59	20.54		
10	64QAM	1	0	20.79	20.68	20.51	22.5	2
10	64QAM	1	25	20.71	20.70	20.65		
10	64QAM	1	49	20.74	20.68	20.50		
10	64QAM	25	0	19.60	19.56	19.53	21.5	3
10	64QAM	25	12	19.54	19.54	19.56		
10	64QAM	25	25	19.65	19.60	19.52		
10	64QAM	50	0	19.65	19.54	19.53		
10	256QAM	1	0	17.60	17.62	17.65	19.5	5
10	256QAM	1	25	17.56	17.58	17.58		
10	256QAM	1	49	17.58	17.53	17.61		
10	256QAM	25	0	17.55	17.55	17.57	19.5	5
10	256QAM	25	12	17.56	17.53	17.53		
10	256QAM	25	25	17.55	17.55	17.56		
10	256QAM	50	0	17.58	17.59	17.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.67	22.58	22.57	24.5	0
5	QPSK	1	12	22.55	22.58	22.51		
5	QPSK	1	24	22.61	22.54	22.50		
5	QPSK	12	0	21.66	21.61	21.52	23.5	1
5	QPSK	12	7	21.56	21.54	21.52		
5	QPSK	12	13	21.63	21.57	21.57		
5	QPSK	25	0	21.59	21.60	21.68		
5	16QAM	1	0	21.79	21.74	21.72	23.5	1
5	16QAM	1	12	21.78	21.76	21.60		
5	16QAM	1	24	21.83	21.76	21.50		
5	16QAM	12	0	20.52	20.51	20.50	22.5	2
5	16QAM	12	7	20.62	20.57	20.51		
5	16QAM	12	13	20.57	20.66	20.56		
5	16QAM	25	0	20.57	20.62	20.58		
5	16QAM	25	12	20.70	20.71	20.60		
5	64QAM	1	0	20.67	20.62	20.65	22.5	2
5	64QAM	1	24	20.72	20.70	20.52		
5	64QAM	12	0	19.62	19.53	19.56	21.5	3
5	64QAM	12	7	19.65	19.57	19.50		
5	64QAM	12	13	19.60	19.61	19.57		
5	64QAM	25	0	19.65	19.52	19.57		
5	256QAM	1	0	17.63	17.55	17.62	19.5	5
5	256QAM	1	12	17.58	17.51	17.50		
5	256QAM	1	24	17.52	17.54	17.56		
5	256QAM	12	0	17.50	17.56	17.60	19.5	5
5	256QAM	12	7	17.56	17.55	17.59		
5	256QAM	12	13	17.51	17.56	17.53		
5	256QAM	25	0	17.55	17.58	17.53		

Band 7_Ant 5_Other PA

BW [MHz]	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	19.07	19.15	19.03	20.5	0
20	QPSK	1	49	18.90	18.94	18.94		
20	QPSK	1	99	18.99	19.08	19.02		
20	QPSK	50	0	18.82	18.94	18.72	20.5	0
20	QPSK	50	24	18.77	18.78	18.70		
20	QPSK	50	50	18.77	18.88	18.70		
20	QPSK	100	0	18.83	18.88	18.87		
20	16QAM	1	0	18.78	18.72	18.82	20.5	0
20	16QAM	1	49	18.76	18.84	18.89		
20	16QAM	1	99	18.86	19.02	18.85		
20	16QAM	50	0	18.80	18.74	18.80	20.5	0
20	16QAM	50	24	18.72	18.74	18.78		
20	16QAM	50	50	18.74	18.80	18.93		
20	16QAM	100	0	18.71	18.79	18.79		
20	64QAM	1	0	18.78	18.75	18.71	20.5	0
20	64QAM	1	49	18.77	18.84	18.75		
20	64QAM	1	99	18.88	18.90	18.93		
20	64QAM	50	0	18.68	18.75	18.86	20.5	0
20	64QAM	50	24	18.77	18.71	18.86		
20	64QAM	50	50	18.84	18.82	18.88		
20	64QAM	100	0	18.82	18.82	18.78		
20	256QAM	1	0	18.55	18.49	18.43	20	0.5
20	256QAM	1	49	18.29	18.26	18.38		
20	256QAM	1	99	18.37	18.42	18.21		
20	256QAM	50	0	18.32	18.30	18.28	20	0.5
20	256QAM	50	24	18.10	18.30	18.33		
20	256QAM	50	50	18.19	18.18	18.17		
20	256QAM	100	0	18.15	18.32	18.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.02	18.99	18.87	20.5	0
15	QPSK	1	37	18.75	18.86	18.78		
15	QPSK	1	74	18.84	18.95	18.92		
15	QPSK	36	0	18.73	18.78	18.60	20.5	0
15	QPSK	36	20	18.64	18.64	18.62		
15	QPSK	36	39	18.68	18.78	18.65		
15	QPSK	75	0	18.76	18.77	18.72		
15	16QAM	1	0	18.72	18.61	18.72	20.5	0
15	16QAM	1	37	18.62	18.71	18.73		
15	16QAM	1	74	18.73	18.93	18.70		
15	16QAM	36	0	18.74	18.65	18.72	20.5	0
15	16QAM	36	20	18.62	18.68	18.63		
15	16QAM	36	39	18.68	18.67	18.77		
15	16QAM	75	0	18.66	18.65	18.66		
15	64QAM	1	0	18.69	18.59	18.66	20.5	0
15	64QAM	1	37	18.63	18.75	18.67		
15	64QAM	1	74	18.82	18.82	18.79		
15	64QAM	36	0	18.61	18.63	18.81	20.5	0
15	64QAM	36	20	18.61	18.66	18.78		
15	64QAM	36	39	18.73	18.71	18.74		
15	64QAM	75	0	18.66	18.70	18.69		
15	256QAM	1	0	18.42	18.37	18.29	20	0.5
15	256QAM	1	37	18.15	18.11	18.26		
15	256QAM	1	74	18.30	18.32	18.14		
15	256QAM	36	0	18.16	18.20	18.20	20	0.5
15	256QAM	36	20	18.03	18.19	18.22		
15	256QAM	36	39	18.03	18.10	18.05		
15	256QAM	75	0	18.09	18.24	18.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.94	19.00	18.93	20.5	0
10	QPSK	1	25	18.85	18.85	18.87		
10	QPSK	1	49	18.91	18.97	18.89		
10	QPSK	25	0	18.72	18.88	18.63	20.5	0
10	QPSK	25	12	18.63	18.63	18.65		
10	QPSK	25	25	18.69	18.79	18.58		
10	QPSK	50	0	18.77	18.72	18.71		
10	16QAM	1	0	18.76	18.63	18.76	20.5	0
10	16QAM	1	25	18.70	18.68	18.81		
10	16QAM	1	49	18.72	18.89	18.69		
10	16QAM	25	0	18.67	18.69	18.73	20.5	0
10	16QAM	25	12	18.64	18.62	18.71		
10	16QAM	25	25	18.69	18.69	18.87		
10	16QAM	50	0	18.61	18.65	18.70		
10	64QAM	1	0	18.69	18.66	18.63	20.5	0
10	64QAM	1	25	18.64	18.79	18.68		
10	64QAM	1	49	18.75	18.77	18.79		
10	64QAM	25	0	18.59	18.70	18.76	20.5	0
10	64QAM	25	12	18.72	18.61	18.78		
10	64QAM	25	25	18.78	18.77	18.72		
10	64QAM	50	0	18.68	18.75	18.69		
10	256QAM	1	0	18.44	18.33	18.35	20	0.5
10	256QAM	1	25	18.18	18.15	18.22		
10	256QAM	1	49	18.21	18.11	18.18		
10	256QAM	25	0	18.21	18.24	18.20	20	0.5
10	256QAM	25	12	18.20	18.18	18.26		
10	256QAM	25	25	18.14	18.12	18.07		
10	256QAM	50	0	18.03	18.24	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.93	19.08	18.95	20.5	0
5	QPSK	1	12	18.77	18.82	18.88		
5	QPSK	1	24	18.93	18.98	18.88		
5	QPSK	12	0	18.73	18.85	18.56	20.5	0
5	QPSK	12	7	18.67	18.62	18.61		
5	QPSK	12	13	18.65	18.78	18.65		
5	QPSK	25	0	18.78	18.78	18.71		
5	16QAM	1	0	18.65	18.66	18.68	20.5	0
5	16QAM	1	12	18.71	18.73	18.81		
5	16QAM	1	24	18.74	18.89	18.78		
5	16QAM	12	0	18.71	18.60	18.66	20.5	0
5	16QAM	12	7	18.63	18.59	18.72		
5	16QAM	12	13	18.68	18.74	18.84		
5	16QAM	25	0	18.56	18.70	18.72		
5	16QAM	25	12	18.70	18.61	18.55		
5	64QAM	1	0	18.68	18.74	18.67	20.5	0
5	64QAM	1	24	18.76	18.76	18.85		
5	64QAM	12	0	18.61	18.67	18.78	20.5	0
5	64QAM	12	7	18.68	18.55	18.70		
5	64QAM	12	13	18.73	18.76	18.76		
5	64QAM	25	0	18.60	18.66	18.71		
5	256QAM	1	0	18.47	18.35	18.38	20	0.5
5	256QAM	1	12	18.21	18.20	18.22		
5	256QAM	1	24	18.31	18.30	18.07		
5	256QAM	12	0	18.21	18.19	18.13	20	0.5
5	256QAM	12	7	18.23	18.16	18.28		
5	256QAM	12	13	18.11	18.13	18.12		
5	256QAM	25	0	18.03	18.21	18.13		

Band 7_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.13	17.19	16.84	17.5	0
20	QPSK	1	49	17.09	16.93	16.73		
20	QPSK	1	99	16.99	16.95	16.69		
20	QPSK	50	0	16.91	16.98	16.65	17.5	0
20	QPSK	50	24	16.85	16.67	16.53		
20	QPSK	50	50	16.83	16.75	16.53		
20	QPSK	100	0	16.73	16.84	16.52		
20	16QAM	1	0	16.86	16.78	16.55	17.5	0
20	16QAM	1	49	16.75	16.81	16.60		
20	16QAM	1	99	16.81	16.74	16.58		
20	16QAM	50	0	16.75	16.78	16.60	17.5	0
20	16QAM	50	24	16.79	16.81	16.43		
20	16QAM	50	50	16.82	16.67	16.52		
20	16QAM	100	0	16.84	16.68	16.52		
20	64QAM	1	0	16.81	16.77	16.61	17.5	0
20	64QAM	1	49	16.81	16.82	16.60		
20	64QAM	1	99	16.85	16.84	16.56		
20	64QAM	50	0	16.78	16.75	16.58	17.5	0
20	64QAM	50	24	16.85	16.75	16.50		
20	64QAM	50	50	16.87	16.82	16.57		
20	64QAM	100	0	16.82	16.83	16.58		
20	256QAM	1	0	16.93	16.76	16.64	17.5	0
20	256QAM	1	49	16.73	16.81	16.59		
20	256QAM	1	99	16.87	16.89	16.56		
20	256QAM	50	0	16.84	16.82	16.61	17.5	0
20	256QAM	50	24	16.73	16.78	16.48		
20	256QAM	50	50	16.78	16.72	16.46		
20	256QAM	100	0	16.84	16.70	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.94	17.04	16.78	17.5	0
15	QPSK	1	37	17.02	16.79	16.63		
15	QPSK	1	74	16.87	16.90	16.62		
15	QPSK	36	0	16.80	16.81	16.51	17.5	0
15	QPSK	36	20	16.72	16.59	16.38		
15	QPSK	36	39	16.78	16.64	16.44		
15	QPSK	75	0	16.57	16.68	16.40		
15	16QAM	1	0	16.79	16.72	16.48	17.5	0
15	16QAM	1	37	16.61	16.71	16.54		
15	16QAM	1	74	16.75	16.64	16.46		
15	16QAM	36	0	16.60	16.63	16.50	17.5	0
15	16QAM	36	20	16.68	16.69	16.38		
15	16QAM	36	39	16.76	16.59	16.37		
15	16QAM	75	0	16.73	16.53	16.39		
15	64QAM	1	0	16.74	16.64	16.49	17.5	0
15	64QAM	1	37	16.65	16.52	16.46		
15	64QAM	1	74	16.71	16.75	16.47		
15	64QAM	36	0	16.67	16.63	16.47	17.5	0
15	64QAM	36	20	16.69	16.63	16.37		
15	64QAM	36	39	16.71	16.68	16.45		
15	64QAM	75	0	16.67	16.68	16.47		
15	256QAM	1	0	16.77	16.70	16.54	17.5	0
15	256QAM	1	37	16.62	16.76	16.49		
15	256QAM	1	74	16.75	16.58	16.41		
15	256QAM	36	0	16.73	16.77	16.47	17.5	0
15	256QAM	36	20	16.60	16.66	16.38		
15	256QAM	36	39	16.63	16.57	16.39		
15	256QAM	75	0	16.71	16.64	16.42		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.89	16.97	16.73	17.5	0
10	QPSK	1	25	16.97	16.87	16.61		
10	QPSK	1	49	16.90	16.88	16.59		
10	QPSK	25	0	16.77	16.77	16.59	17.5	0
10	QPSK	25	12	16.73	16.60	16.41		
10	QPSK	25	25	16.69	16.59	16.40		
10	QPSK	50	0	16.66	16.70	16.43		
10	16QAM	1	0	16.70	16.73	16.46	17.5	0
10	16QAM	1	25	16.65	16.76	16.50		
10	16QAM	1	49	16.72	16.64	16.43		
10	16QAM	25	0	16.64	16.65	16.52	17.5	0
10	16QAM	25	12	16.69	16.74	16.30		
10	16QAM	25	25	16.73	16.51	16.47		
10	16QAM	50	0	16.74	16.56	16.44		
10	64QAM	1	0	16.72	16.62	16.50	17.5	0
10	64QAM	1	25	16.65	16.48	16.50		
10	64QAM	1	49	16.75	16.71	16.48		
10	64QAM	25	0	16.70	16.70	16.52	17.5	0
10	64QAM	25	12	16.76	16.68	16.37		
10	64QAM	25	25	16.72	16.68	16.48		
10	64QAM	50	0	16.70	16.72	16.47		
10	256QAM	1	0	16.83	16.67	16.58	17.5	0
10	256QAM	1	25	16.65	16.76	16.50		
10	256QAM	1	49	16.81	16.63	16.47		
10	256QAM	25	0	16.73	16.68	16.50	17.5	0
10	256QAM	25	12	16.68	16.64	16.42		
10	256QAM	25	25	16.70	16.57	16.40		
10	256QAM	50	0	16.68	16.59	16.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.89	17.04	16.73	17.5	0
5	QPSK	1	12	17.04	16.83	16.67		
5	QPSK	1	24	16.83	16.91	16.64		
5	QPSK	12	0	16.77	16.77	16.51	17.5	0
5	QPSK	12	7	16.71	16.51	16.42		
5	QPSK	12	13	16.68	16.65	16.40		
5	QPSK	25	0	16.59	16.70	16.44		
5	16QAM	1	0	16.71	16.66	16.39	17.5	0
5	16QAM	1	12	16.65	16.68	16.47		
5	16QAM	1	24	16.74	16.69	16.51		
5	16QAM	12	0	16.67	16.63	16.46	17.5	0
5	16QAM	12	7	16.70	16.71	16.35		
5	16QAM	12	13	16.67	16.61	16.37		
5	16QAM	25	0	16.77	16.58	16.42	17.5	0
5	16QAM	25	12	16.69	16.64	16.55		
5	64QAM	1	0	16.66	16.47	16.49	17.5	0
5	64QAM	1	24	16.77	16.70	16.44		
5	64QAM	12	0	16.65	16.60	16.48	17.5	0
5	64QAM	12	7	16.70	16.68	16.34		
5	64QAM	12	13	16.82	16.76	16.41		
5	64QAM	25	0	16.70	16.76	16.51		
5	256QAM	1	0	16.82	16.65	16.49	17.5	0
5	256QAM	1	12	16.57	16.65	16.48		
5	256QAM	1	24	16.80	16.60	16.40		
5	256QAM	12	0	16.77	16.73	16.47	17.5	0
5	256QAM	12	7	16.61	16.70	16.34		
5	256QAM	12	13	16.65	16.61	16.36		
5	256QAM	25	0	16.78	16.58	16.44		

Band 26_Ant 0_Other PA

BW [MHz]	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	23.91	23.98	23.73	25	0
15	QPSK	1	37	23.68	23.80	23.53		
15	QPSK	1	74	23.88	23.78	23.62		
15	QPSK	36	0	22.90	22.94	22.65	24	1
15	QPSK	36	20	22.76	22.79	22.57		
15	QPSK	36	39	22.81	22.77	22.57		
15	QPSK	75	0	22.78	22.82	22.67		
15	16QAM	1	0	22.87	22.96	22.92	24	1
15	16QAM	1	37	22.80	22.94	22.69		
15	16QAM	1	74	22.95	22.97

Band 26_Ant 1_Other PA

BW [MHz]	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	19.83	19.87	19.76	21.5	0
15	QPSK	1	37	19.62	19.73	19.55		
15	QPSK	1	74	19.80	19.77	19.56		
15	QPSK	36	0	19.70	19.72	19.61	21.5	0
15	QPSK	36	20	19.57	19.57	19.51		
15	QPSK	36	39	19.62	19.60	19.53		
15	QPSK	75	0	19.54	19.61	19.59		
15	16QAM	1	0	19.72	19.76	19.66	21.5	0
15	16QAM	1	37	19.66	19.70	19.54		
15	16QAM	1	74	19.74	19.76	19.61		
15	16QAM	36	0	19.69	19.68	19.69	21.5	0
15	16QAM	36	20	19.56	19.62	19.64		
15	16QAM	36	39	19.67	19.65	19.62		
15	16QAM	75	0	19.63	19.60	19.66		
15	64QAM	1	0	19.69	19.66	19.85	21.5	0
15	64QAM	1	37	19.51	19.72	19.57		
15	64QAM	1	74	19.77	19.65	19.75		
15	64QAM	36	0	19.51	19.68	19.62	21.5	0
15	64QAM	36	20	19.66	19.56	19.57		
15	64QAM	36	39	19.65	19.57	19.65		
15	64QAM	75	0	19.66	19.57	19.69		
15	256QAM	1	0	18.67	18.66	18.68	20	1.5
15	256QAM	1	37	18.56	18.57	18.60		
15	256QAM	1	74	18.51	18.49	18.45		
15	256QAM	36	0	18.46	18.49	18.37	20	1.5
15	256QAM	36	20	18.27	18.33	18.39		
15	256QAM	36	39	18.27	18.32	18.31		
15	256QAM	75	0	18.32	18.43	18.46		
Channel				26740	26965	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.76	19.71	19.60	21.5	0
10	QPSK	1	25	19.61	19.67	19.56		
10	QPSK	1	49	19.80	19.82	19.60		
10	QPSK	25	0	19.65	19.66	19.63	21.5	0
10	QPSK	25	12	19.64	19.64	19.50		
10	QPSK	25	25	19.52	19.51	19.63		
10	QPSK	50	0	19.64	19.65	19.60		
10	16QAM	1	0	19.76	19.76	19.76	21.5	0
10	16QAM	1	25	19.53	19.59	19.58		
10	16QAM	1	49	19.59	19.61	19.73		
10	16QAM	25	0	19.62	19.53	19.62	21.5	0
10	16QAM	25	12	19.62	19.69	19.52		
10	16QAM	25	25	19.58	19.57	19.55		
10	16QAM	50	0	19.58	19.50	19.54		
10	64QAM	1	0	19.53	19.55	19.75	21.5	0
10	64QAM	1	25	19.64	19.56	19.57		
10	64QAM	1	49	19.67	19.50	19.66		
10	64QAM	25	0	19.63	19.54	19.59	21.5	0
10	64QAM	25	12	19.61	19.65	19.51		
10	64QAM	25	25	19.51	19.66	19.60		
10	64QAM	50	0	19.58	19.51	19.56		
10	256QAM	1	0	18.51	18.60	18.63	20	1.5
10	256QAM	1	25	18.47	18.44	18.44		
10	256QAM	1	49	18.37	18.38	18.35		
10	256QAM	25	0	18.36	18.38	18.26	20	1.5
10	256QAM	25	12	18.21	18.22	18.30		
10	256QAM	25	25	18.14	18.25	18.20		
10	256QAM	50	0	18.24	18.28	18.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.76	19.74	19.63	21.5	0
5	QPSK	1	12	19.67	19.78	19.53		
5	QPSK	1	24	19.80	19.78	19.55		
5	QPSK	12	0	19.59	19.64	19.57	21.5	0
5	QPSK	12	7	19.63	19.68	19.55		
5	QPSK	12	13	19.74	19.70	19.68		
5	QPSK	25	0	19.59	19.68	19.53	21.5	0
5	16QAM	1	0	19.63	19.69	19.73		
5	16QAM	1	12	19.52	19.64	19.59		
5	16QAM	1	24	19.67	19.60	19.74	21.5	0
5	16QAM	12	0	19.60	19.60	19.63		
5	16QAM	12	7	19.63	19.55	19.56		
5	16QAM	12	13	19.56	19.56	19.55		
5	16QAM	25	0	19.56	19.55	19.50		
5	64QAM	1	0	19.56	19.60	19.75	21.5	0
5	64QAM	1	12	19.62	19.63	19.54		
5	64QAM	1	24	19.78	19.53	19.68		
5	64QAM	12	0	19.63	19.54	19.58	21.5	0
5	64QAM	12	7	19.60	19.65	19.57		
5	64QAM	12	13	19.56	19.64	19.58		
5	64QAM	25	0	19.55	19.63	19.62		
5	256QAM	1	0	18.56	18.61	18.56	20	1.5
5	256QAM	1	12	18.50	18.52	18.49		
5	256QAM	1	24	18.42	18.36	18.33		
5	256QAM	12	0	18.28	18.28	18.20	20	1.5
5	256QAM	12	7	18.05	18.18	18.13		
5	256QAM	12	13	18.07	18.11	18.15		
5	256QAM	25	0	18.11	18.26	18.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.78	19.74	19.71	21.5	0
3	QPSK	1	8	19.64	19.71	19.52		
3	QPSK	1	14	19.78	19.77	19.55		
3	QPSK	8	0	19.63	19.57	19.58	21.5	0
3	QPSK	8	4	19.61	19.66	19.57		
3	QPSK	8	7	19.68	19.71	19.59		
3	QPSK	15	0	19.61	19.66	19.57		
3	16QAM	1	0	19.60	19.64	19.61	21.5	0
3	16QAM	1	8	19.56	19.63	19.68		
3	16QAM	1	14	19.66	19.61	19.54		
3	16QAM	8	0	19.64	19.54	19.63	21.5	0
3	16QAM	8	4	19.63	19.50	19.52		
3	16QAM	8	7	19.59	19.55	19.56		
3	16QAM	15	0	19.52	19.65	19.52		
3	64QAM	1	0	19.63	19.58	19.80	21.5	0
3	64QAM	1	8	19.59	19.62	19.64		
3	64QAM	1	14	19.61	19.59	19.66		
3	64QAM	8	0	19.65	19.54	19.50	21.5	0
3	64QAM	8	4	19.51	19.63	19.58		
3	64QAM	8	7	19.53	19.52	19.60		
3	64QAM	15	0	19.50	19.64	19.59		
3	256QAM	1	0	18.45	18.42	18.50	20	1.5
3	256QAM	1	8	18.32	18.38	18.34		
3	256QAM	1	14	18.29	18.29	18.23		
3	256QAM	8	0	18.24	18.34	18.15	20	1.5
3	256QAM	8	4	18.09	18.13	18.14		
3	256QAM	8	7	18.07	18.13	18.08		
3	256QAM	15	0	18.16	18.21	18.25		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.70	19.71	19.62	21.5	0
1.4	QPSK	1	3	19.68	19.65	19.69		
1.4	QPSK	1	5	19.71	19.65	19.66		
1.4	QPSK	3	0	19.54	19.63	19.65		
1.4	QPSK	3	1	19.61	19.57	19.64		
1.4	QPSK	3	3	19.56	19.58	19.50		
1.4	QPSK	6	0	19.62	19.63	19.53		
1.4	16QAM	1	0	19.76	19.77	19.65	21.5	0
1.4	16QAM	1	3	19.64	19.65	19.54		
1.4	16QAM	1	5	19.52	19.51	19.62		
1.4	16QAM	3	0	19.64	19.64	19.52		
1.4	16QAM	3	1	19.56	19.62	19.64		
1.4	16QAM	3	3	19.62	19.61	19.60		
1.4	16QAM	6	0	19.58	19.55	19.59	21.5	0
1.4	64QAM	1	0	19.64	19.67	19.64	21.5	0
1.4	64QAM	1	3	19.66	19.69	19.60		
1.4	64QAM	1	5	19.77	19.65	19.51		
1.4	64QAM	3	0	19.65	19.68	19.56		
1.4	64QAM	3	1	19.64	19.60	19.58		
1.4	64QAM	3	3	19.63	19.60	19.64		
1.4	64QAM	6	0	19.70	19.56	19.51	21.5	0
1.4	256QAM	1	0	18.45	18.40	18.45	20	1.5
1.4	256QAM	1	3	18.34	18.35	18.43		
1.4	256QAM	1	5	18.33	18.31	18.27		
1.4	256QAM	3	0	18.26	18.25	18.21		
1.4	256QAM	3	1	18.01	18.10	18.16		
1.4	256QAM	3	3	18.02	18.15	18.07		
1.4	256QAM	6	0	18.12	18.25	18.26	20	1.5

Band 66_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.58	16.63	16.45	17.5	0
20	QPSK	1	49	16.51	16.61	16.34		
20	QPSK	1	99	16.45	16.51	16.37		
20	QPSK	50	0	16.37	16.44	16.31	17.5	0
20	QPSK	50	24	16.33	16.30	16.23		
20	QPSK	50	50	16.36	16.30	16.22		
20	QPSK	100	0	16.34	16.38	16.15		
20	16QAM	1	0	16.53	16.57	16.44	17.5	0
20	16QAM	1	49	16.46	16.35	16.31		
20	16QAM	1	99	16.46	16.18	16.22		
20	16QAM	50	0	16.40	16.23	16.29	17.5	0
20	16QAM	50	24	16.39	16.24	16.27		
20	16QAM	50	50	16.37	16.29	16.08		
20	16QAM	100	0	16.31	16.28	16.17		
20	64QAM	1	0	16.36	16.35	16.19	17.5	0
20	64QAM	1	49	16.43	16.33	16.29		
20	64QAM	1	99	16.47	16.05	16.19		
20	64QAM	50	0	16.40	16.30	16.33	17.5	0
20	64QAM	50	24	16.34	16.22	16.24		
20	64QAM	50	50	16.41	16.29	16.11		
20	64QAM	100	0	16.43	16.24	16.14		
20	256QAM	1	0	16.39	16.34	16.35	17.5	0
20	256QAM	1	49	16.40	16.44	16.30		
20	256QAM	1	99	16.20	16.23	16.24		
20	256QAM	50	0	16.17	16.22	16.14	17.5	0
20	256QAM	50	24	16.10	16.14	16.23		
20	256QAM	50	50	16.29	16.23	16.29		
20	256QAM	100	0	16.31	16.28	16.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.46	16.50	16.36	17.5	0
15	QPSK	1	37	16.36	16.53	16.28		
15	QPSK	1	74	16.38	16.36	16.32		
15	QPSK	36	0	16.21	16.36	16.23	17.5	0
15	QPSK	36	20	16.23	16.20	16.14		
15	QPSK	36	39	16.30	16.22	16.14		
15	QPSK	75	0	16.29	16.26	16.06		
15	16QAM	1	0	16.37	16.51	16.18	17.5	0
15	16QAM	1	37	16.31	16.26	16.19		
15	16QAM	1	74	16.41	16.10	16.16		
15	16QAM	36	0	16.34	16.12	16.16	17.5	0
15	16QAM	36	20	16.33	16.18	16.14		
15	16QAM	36	39	16.27	16.22	15.95		
15	16QAM	75	0	16.24	16.15	16.11		
15	64QAM	1	0	16.24	16.29	16.10	17.5	0
15	64QAM	1	37	16.31	16.18	16.13		
15	64QAM	1	74	16.34	15.90	16.03		
15	64QAM	36	0	16.32	16.21	16.26	17.5	0
15	64QAM	36	20	16.19	16.06	16.09		
15	64QAM	36	39	16.29	16.22	15.99		
15	64QAM	75	0	16.29	16.17	16.04		
15	256QAM	1	0	16.34	16.28	16.20	17.5	0
15	256QAM	1	37	16.33	16.32	16.21		
15	256QAM	1	74	16.11	16.16	16.11		
15	256QAM	36	0	16.10	16.10	16.01	17.5	0
15	256QAM	36	20	16.00	16.04	16.10		
15	256QAM	36	39	16.18	16.08	16.23		
15	256QAM	75	0	16.17	16.20	16.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.44	16.52	16.40	17.5	0
10	QPSK	1	25	16.42	16.50	16.19		
10	QPSK	1	49	16.34	16.44	16.24		
10	QPSK	25	0	16.28	16.36	16.21	17.5	0
10	QPSK	25	12	16.18	16.18	16.08		
10	QPSK	25	25	16.23	16.20	16.08		
10	QPSK	50	0	16.22	16.29	15.99		
10	16QAM	1	0	16.41	16.48	16.13	17.5	0
10	16QAM	1	25	16.36	16.26	16.26		
10	16QAM	1	49	16.31	16.03	16.07		
10	16QAM	25	0	16.31	16.10	16.18	17.5	0
10	16QAM	25	12	16.31	16.09	16.11		
10	16QAM	25	25	16.27	16.15	16.01		
10	16QAM	50	0	16.23	16.20	16.01	17.5	0
10	64QAM	1	0	16.20	16.22	16.08		
10	64QAM	1	25	16.31	16.19	16.22		
10	64QAM	1	49	16.36	15.96	16.09		
10	64QAM	25	0	16.32	16.22	16.18	17.5	0
10	64QAM	25	12	16.28	16.09	16.11		
10	64QAM	25	25	16.25	16.15	15.98		
10	64QAM	50	0	16.34	16.19	16.05	17.5	0
10	256QAM	1	0	16.26	16.26	16.21		
10	256QAM	1	25	16.25	16.28	16.20		
10	256QAM	1	49	16.09	16.11	16.09		
10	256QAM	25	0	16.05	16.10	16.05	17.5	0
10	256QAM	25	12	15.98	16.08	16.14		
10	256QAM	25	25	16.23	16.11	16.23		
10	256QAM	50	0	16.18	16.13	16.17	17.5	0
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.44	16.44	16.39	17.5	0
5	QPSK	1	12	16.45	16.54	16.20		
5	QPSK	1	24	16.37	16.44	16.34		
5	QPSK	12	0	16.21	16.39	16.19	17.5	0
5	QPSK	12	7	16.20	16.24	16.12		
5	QPSK	12	13	16.31	16.25	16.16		
5	QPSK	25	0	16.28	16.27	16.00	17.5	0
5	16QAM	1	0	16.40	16.45	16.11		
5	16QAM	1	12	16.33	16.25	16.19		
5	16QAM	1	24	16.31	16.08	16.11		
5	16QAM	12	0	16.24	16.15	16.20	17.5	0
5	16QAM	12	7	16.33	16.15	16.14		
5	16QAM	12	13	16.21	16.17	15.94		
5	16QAM	25	0	16.18	16.15	16.04	17.5	0
5	64QAM	1	0	16.30	16.21	16.06		
5	64QAM	1	12	16.28	16.23	16.13		
5	64QAM	1	24	16.31	15.99	16.05		
5	64QAM	12	0	16.25	16.14	16.25	17.5	0
5	64QAM	12	7	16.18	16.16	16.10		
5	64QAM	12	13	16.34	16.21	15.95		
5	64QAM	25	0	16.36	16.19	16.06	17.5	0
5	256QAM	1	0	16.23	16.20	16.22		
5	256QAM	1	12	16.32	16.32	16.15		
5	256QAM	1	24	16.14	16.15	16.16		
5	256QAM	12	0	16.02	16.14	16.07	17.5	0
5	256QAM	12	7	16.05	16.01	16.09		
5	256QAM	12	13	16.16	16.09	16.22		
5	256QAM	25	0	16.21	16.23	16.07	17.5	0
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.52	16.51	16.33	17.5	0
3	QPSK	1	8	16.35	16.48	16.22		
3	QPSK	1	14	16.49	16.43	16.21		
3	QPSK	8	0	16.23	16.31	16.18	17.5	0
3	QPSK	8	4	16.18	16.17	16.08		
3	QPSK	8	7	16.20	16.15	16.15		
3	QPSK	15	0	16.22	16.30	16.01	17.5	0
3	16QAM	1	0	16.46	16.43	16.11		
3	16QAM	1	8	16.30	16.20	16.25		
3	16QAM	1	14	16.31	16.04	16.10	17.5	0
3	16QAM	8	0	16.35	16.09	16.19		
3	16QAM	8	4	16.26	16.19	16.11		
3	16QAM	8	7	16.24	16.13	15.94		
3	16QAM	15	0	16.18	16.23	16.04	17.5	0
3	64QAM	1	0	16.22	16.22	16.07		
3	64QAM	1	8	16.28	16.18	16.22		
3	64QAM	1	14	16.26	15.90	16.04	17.5	0
3	64QAM	8	0	16.27	16.22	16.18		
3	64QAM	8	4	16.29	16.09	16.03		
3	64QAM	8	7	16.29	16.15	16.02	17.5	0
3	64QAM	15	0	16.34	16.09	16.04		
3	256QAM	1	0	16.31	16.26	16.30	17.5	0
3	256QAM	1	8	16.34	16.18	16.22		
3	256QAM	1	14	16.05	16.12	16.08		
3	256QAM	8	0	16.03	16.17	16.01	17.5	0
3	256QAM	8	4	16.00	16.09	16.10		
3	256QAM	8	7	16.14	16.18	16.22		
3	256QAM	15	0	16.15	16.14	16.10	17.5	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.48	16.53	16.30	17.5	0
1.4	QPSK	1	3	16.43	16.49	16.22		
1.4	QPSK	1	5	16.33	16.42	16.29		
1.4	QPSK	3	0	16.27	16.30	16.22		
1.4	QPSK	3	1	16.28	16.21	16.09		
1.4	QPSK	3	3	16.26	16.21	16.07		
1.4	QPSK	6	0	16.19	16.33	16.02	17.5	0
1.4	16QAM	1	0	16.46	16.45	16.10	17.5	0
1.4	16QAM	1	3	16.41	16.27	16.23		
1.4	16QAM	1	5	16.37	16.07	16.10		
1.4	16QAM	3	0	16.32	16.19	16.12		
1.4	16QAM	3	1	16.24	16.19	16.12		
1.4	16QAM	3	3	16.29	16.24	15.99		
1.4	16QAM	6	0	16.24	16.16	16.11	17.5	0
1.4	64QAM	1	0	16.22	16.15	16.05	17.5	0
1.4	64QAM	1	3	16.29	16.21	16.20		
1.4	64QAM	1	5	16.29	15.98	16.13		
1.4	64QAM	3	0	16.29	16.14	16.18		
1.4	64QAM	3	1	16.20	16.07	16.19		
1.4	64QAM	3	3	16.35	16.13	16.00		
1.4	64QAM	6	0	16.38	16.17	16.00	17.5	0
1.4	256QAM	1	0	16.32	16.27	16.25	17.5	0
1.4	256QAM	1	3	16.27	16.30	16.16		
1.4	256QAM	1	5	16.08	16.12	16.18		
1.4	256QAM	3	0	16.01	16.09	16.01		
1.4	256QAM	3	1	15.97	16.04	16.18		
1.4	256QAM	3	3	16.16	16.09	16.14		
1.4	256QAM	6	0	16.17	16.17	16.11	17.5	0

Band 66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.92	24.03	23.87	25	0
20	QPSK	1	49	23.88	24.02	23.75		
20	QPSK	1	99	23.92	23.82	23.76		
20	QPSK	50	0	22.95	23.01	22.85	24	1
20	QPSK	50	24	22.90	22.89	22.84		
20	QPSK	50	50	22.92	22.89	22.75		
20	QPSK	100	0	22.98	22.99	22.86		
20	16QAM	1	0	23.11	23.16	23.04	24	1
20	16QAM	1	49	23.21	23.10	22.93		
20	16QAM	1	99	23.10	22.89	22.93		
20	16QAM	50	0	21.95	21.91	21.94	23	2
20	16QAM	50	24	21.88	21.94	21.79		
20	16QAM	50	50	21.88	21.93	21.70		
20	16QAM	100	0	21.97	21.90	21.73		
20	64QAM	1	0	22.09	22.22	21.98	23	2
20	64QAM	1	49	22.15	22.02	22.02		
20	64QAM	1	99	21.97	21.83	21.78		
20	64QAM	50	0	20.91	20.91	20.82	22	3
20	64QAM	50	24	20.91	20.90	20.78		
20	64QAM	50	50	20.94	20.96	20.77		
20	64QAM	100	0	20.89	20.97	20.84		
20	256QAM	1	0	18.97	18.90	18.98	20	5
20	256QAM	1	49	18.96	19.03	18.95		
20	256QAM	1	99	18.93	18.94	18.93		
20	256QAM	50	0	18.86	18.89	18.91	20	5
20	256QAM	50	24	18.89	18.87	18.89		
20	256QAM	50	50	18.85	18.93	18.82		
20	256QAM	100	0	18.90	18.82	18.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.77	23.86	23.80	25	0
15	QPSK	1	37	23.73	23.97	23.70		
15	QPSK	1	74	23.81	23.77	23.67		
15	QPSK	36	0	22.79	22.91	22.73	24	1
15	QPSK	36	20	22.77	22.84	22.74		
15	QPSK	36	39	22.83	22.81	22.70		
15	QPSK	75	0	22.83	22.81	22.72		
15	16QAM	1	0	22.92	23.07	22.98	24	1
15	16QAM	1	37	23.13	23.02	22.83		
15	16QAM	1	74

Band 66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.91	16.98	16.88		
20	QPSK	1	49	16.91	16.79	16.57	18.5	0
20	QPSK	1	99	16.73	16.76	16.63		
20	QPSK	50	0	16.74	16.97	16.61		
20	QPSK	50	24	16.62	16.60	16.52	18.5	0
20	QPSK	50	50	16.63	16.57	16.51		
20	QPSK	100	0	16.66	16.76	16.55		
20	16QAM	1	0	16.89	16.80	16.75		
20	16QAM	1	49	16.91	16.77	16.57	18.5	0
20	16QAM	1	99	16.76	16.50	16.58		
20	16QAM	50	0	16.81	16.70	16.60		
20	16QAM	50	24	16.76	16.57	16.58	18.5	0
20	16QAM	50	50	16.72	16.59	16.53		
20	16QAM	100	0	16.70	16.60	16.52		
20	64QAM	1	0	16.92	16.71	16.63		
20	64QAM	1	49	16.80	16.61	16.67	18.5	0
20	64QAM	1	99	16.63	16.52	16.58		
20	64QAM	50	0	16.73	16.67	16.57		
20	64QAM	50	24	16.82	16.55	16.63	18.5	0
20	64QAM	50	50	16.73	16.63	16.60		
20	64QAM	100	0	16.68	16.55	16.56		
20	256QAM	1	0	16.72	16.70	16.69		
20	256QAM	1	49	16.67	16.63	16.78	18.5	0
20	256QAM	1	99	16.64	16.65	16.76		
20	256QAM	50	0	16.64	16.68	16.69		
20	256QAM	50	24	16.57	16.60	16.51	18.5	0
20	256QAM	50	50	16.54	16.56	16.68		
20	256QAM	100	0	16.72	16.60	16.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.85	16.92	16.80		
15	QPSK	1	37	16.83	16.63	16.50	18.5	0
15	QPSK	1	74	16.58	16.62	16.58		
15	QPSK	36	0	16.65	16.92	16.56		
15	QPSK	36	20	16.54	16.59	16.50	18.5	0
15	QPSK	36	39	16.57	16.57	16.53		
15	QPSK	75	0	16.61	16.89	16.59		
15	16QAM	1	0	16.77	16.91	16.76		
15	16QAM	1	37	16.84	16.91	16.59	18.5	0
15	16QAM	1	74	16.62	16.56	16.55		
15	16QAM	36	0	16.70	16.78	16.64		
15	16QAM	36	20	16.63	16.69	16.58	18.5	0
15	16QAM	36	39	16.56	16.68	16.57		
15	16QAM	75	0	16.63	16.67	16.59		
15	64QAM	1	0	16.77	16.75	16.60		
15	64QAM	1	37	16.66	16.69	16.71	18.5	0
15	64QAM	1	74	16.57	16.51	16.58		
15	64QAM	36	0	16.65	16.80	16.60		
15	64QAM	36	20	16.66	16.69	16.68	18.5	0
15	64QAM	36	39	16.58	16.76	16.62		
15	64QAM	75	0	16.61	16.67	16.61		
15	256QAM	1	0	16.60	16.64	16.63		
15	256QAM	1	37	16.62	16.50	16.67	18.5	0
15	256QAM	1	74	16.68	16.70	16.68		
15	256QAM	36	0	16.70	16.74	16.83		
15	256QAM	36	20	16.55	16.64	16.56	18.5	0
15	256QAM	36	39	16.60	16.71	16.75		
15	256QAM	75	0	16.59	16.55	16.55		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.86	16.82	16.78		
10	QPSK	1	25	16.82	16.71	16.52	18.5	0
10	QPSK	1	49	16.68	16.86	16.78		
10	QPSK	25	0	16.65	16.89	16.66		
10	QPSK	25	12	16.56	16.63	16.55	18.5	0
10	QPSK	25	25	16.56	16.60	16.55		
10	QPSK	50	0	16.60	16.86	16.55		
10	16QAM	1	0	16.82	16.95	16.79		
10	16QAM	1	25	16.82	16.92	16.56	18.5	0
10	16QAM	1	49	16.64	16.63	16.63		
10	16QAM	25	0	16.67	16.78	16.56		
10	16QAM	25	12	16.67	16.61	16.53	18.5	0
10	16QAM	25	25	16.66	16.69	16.58		
10	16QAM	50	0	16.60	16.75	16.51		
10	64QAM	1	0	16.79	16.80	16.61		
10	64QAM	1	25	16.70	16.73	16.68	18.5	0
10	64QAM	1	49	16.51	16.55	16.62		
10	64QAM	25	0	16.59	16.75	16.59		
10	64QAM	25	12	16.77	16.64	16.65	18.5	0
10	64QAM	25	25	16.64	16.75	16.62		
10	64QAM	50	0	16.62	16.63	16.59		
10	256QAM	1	0	16.60	16.58	16.63		
10	256QAM	1	25	16.55	16.52	16.69	18.5	0
10	256QAM	1	49	16.52	16.56	16.63		
10	256QAM	25	0	16.68	16.83	16.78		
10	256QAM	25	12	16.62	16.74	16.61	18.5	0
10	256QAM	25	25	16.62	16.61	16.75		
10	256QAM	50	0	16.58	16.52	16.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.77	16.93	16.78		
5	QPSK	1	12	16.80	16.73	16.50	18.5	0
5	QPSK	1	24	16.57	16.63	16.55		
5	QPSK	12	0	16.68	16.85	16.55		
5	QPSK	12	7	16.54	16.65	16.57	18.5	0
5	QPSK	12	13	16.54	16.62	16.57		
5	QPSK	25	0	16.56	16.90	16.55		
5	16QAM	1	0	16.78	16.86	16.78		
5	16QAM	1	12	16.79	16.81	16.56	18.5	0
5	16QAM	1	24	16.64	16.62	16.53		
5	16QAM	12	0	16.76	16.74	16.65		
5	16QAM	12	7	16.68	16.70	16.50	18.5	0
5	16QAM	12	13	16.62	16.65	16.58		
5	16QAM	25	0	16.62	16.74	16.59		
5	64QAM	1	0	16.86	16.75	16.67		
5	64QAM	1	12	16.74	16.75	16.66	18.5	0
5	64QAM	1	24	16.57	16.53	16.63		
5	64QAM	12	0	16.57	16.80	16.57		
5	64QAM	12	7	16.66	16.63	16.67	18.5	0
5	64QAM	12	13	16.67	16.71	16.64		
5	64QAM	25	0	16.60	16.70	16.55		
5	256QAM	1	0	16.62	16.59	16.55		
5	256QAM	1	12	16.56	16.56	16.73	18.5	0
5	256QAM	1	24	16.53	16.54	16.63		
5	256QAM	12	0	16.55	16.59	16.54		
5	256QAM	12	7	16.59	16.69	16.63	18.5	0
5	256QAM	12	13	16.69	16.63	16.78		
5	256QAM	25	0	16.79	16.65	16.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.79	16.91	16.80		
3	QPSK	1	8	16.82	16.69	16.51	18.5	0
3	QPSK	1	14	16.59	16.83	16.69		
3	QPSK	8	0	16.63	16.89	16.58		
3	QPSK	8	4	16.54	16.60	16.51	18.5	0
3	QPSK	8	7	16.54	16.55	16.54		
3	QPSK	15	0	16.56	16.84	16.53		
3	16QAM	1	0	16.82	16.94	16.80		
3	16QAM	1	8	16.78	16.87	16.58	18.5	0
3	16QAM	1	14	16.61	16.60	16.61		
3	16QAM	8	0	16.73	16.83	16.58		
3	16QAM	8	4	16.62	16.61	16.51	18.5	0
3	16QAM	8	7	16.63	16.71	16.58		
3	16QAM	15	0	16.59	16.72	16.53		
3	64QAM	1	0	16.83	16.76	16.57		
3	64QAM	1	8	16.71	16.74	16.65	18.5	0
3	64QAM	1	14	16.53	16.53	16.59		
3	64QAM	8	0	16.67	16.76	16.62		
3	64QAM	8	4	16.76	16.60	16.57	18.5	0
3	64QAM	8	7	16.62	16.71	16.54		
3	64QAM	15	0	16.60	16.65	16.59		
3	256QAM	1	0	16.60	16.76	16.77		
3	256QAM	1	8	16.62	16.68	16.60	18.5	0
3	256QAM	1	14	16.55	16.79	16.87		
3	256QAM	8	0	16.55	16.74	16.80		
3	256QAM	8	4	16.60	16.69	16.60	18.5	0
3	256QAM	8	7	16.63	16.61	16.72		
3	256QAM	15	0	16.58	16.54	16.58		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.86	16.84	16.74		
1.4	QPSK	1	3	16.84	16.91	16.69		
1.4	QPSK	1	5	16.58	16.82	16.71	18.5	0
1.4	QPSK	3	0	16.65	16.88	16.61		
1.4	QPSK	3	1	16.66	16.65	16.57		
1.4	QPSK	3	3	16.54	16.55	16.50		
1.4	QPSK	6	0	16.51	16.84	16.52	18.5	0
1.4	16QAM	1	0	16.74	16.92	16.79		
1.4	16QAM	1	3	16.81	16.83	16.52		
1.4	16QAM	1	5	16.62	16.60	16.61	18.5	0
1.4	16QAM	3	0	16.76	16.76	16.56		
1.4	16QAM	3	1	16.62	16.66	16.56		
1.4	16QAM	3	3	16.64	16.67	16.55		
1.4	16QAM	6	0	16.64	16.65	16.59	18.5	0
1.4	64QAM	1	0	16.85	16.75	16.65		
1.4	64QAM	1	3	16.70	16.72	16.65		
1.4	64QAM	1	5	16.67	16.55	16.56	18.5	0
1.4	64QAM	3	0	16.67	16.73	16.59		
1.4	64QAM	3	1	16.74	16.64	16.64		
1.4	64QAM	3	3	16.60	16.69	16.63		
1.4	64QAM	6	0	16.58	16.68	16.57	18.5	0
1.4	256QAM	1	0	16.58	16.56	16.64		
1.4	256QAM	1	3	16.58	16.56	16.67		
1.4	256QAM	1	5	16.58	16.58	16.67	18.5	0
1.4	256QAM	3	0	16.50	16.56	16.55		
1.4	256QAM	3	1	16.52	16.72	16.57		
1.4	256QAM	3	3	16.60	16.65	16.74		
1.4	256QAM	6	0	16.87	16.67	16.77	18.5	0

Band 38_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.66	15.68	15.66		
20	QPSK	1	49	15.56	15.47	15.39	17	0
20	QPSK	1	99	15.62	15.56	15.65		
20	QPSK	50	0	15.37	15.43	15.39		
20	QPSK	50	24	15.31	15.30	15.22	17	0
20	QPSK	50	50	15.31	15.28	15.30		
20	QPSK	100	0	15.30	15.37	15.25		
20	16QAM	1	0	15.25	15.24	15.15		
20	16QAM	1	49	15.39	15.16	15.12	17	0
20	16QAM	1	99	15.42	15.23	15.20		
20	16QAM	50	0	15.35	15.35	15.18		
20	16QAM	50	24	15.34	15.26	15.19	17	0
20	16QAM	50	50	15.38	15.39	15.29		
20	16QAM	100	0	15.45	15.25	15.35		
20	64QAM	1	0	15.23	15.07	15.07		
20	64QAM	1	49	15.27	15.08	15.04	17	0
20	64QAM	1	99	15.28	15.27	15.12		
20	64QAM	50	0	15.36	15.30	15.36		
20	64QAM	50	24	15.41	15.19	15.22	17	0
20	64QAM	50	50	15.39	15.36	15.25		
20	64QAM	100	0	15.36	15.31	15.35		
20	256QAM	1	0	15.29	15.08	15.04		
20	256QAM	1	49	15.29	15.11	15.14	17	0
20	256QAM	1	99	15.20	15.29	15.13		
20	256QAM	50	0	15.23	15.20	15.28		
20	256QAM	50	24	15.31	15.23	15.20	17	0
20	256QAM	50	50	15.11	15.02	15.22		
20	256QAM	100	0	15.07	15.10	15.13		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.51	15.60	15.48		
15	QPSK	1	37	15.47	15.38	15.27	17	0
15	QPSK	1	74	15.51	15.47	15.51		
15	QPSK	36	0	15.26	15.37	15.34		
15	QPSK	36	20	15.19	15.20	15.15	17	0
15	QPSK	36	39	15.23	15.21	15.16		
15	QPSK	75	0	15.22	15.23	15.09		
15	16QAM	1	0	15.18	15.11	15.04		
15	16QAM	1	37	15.25	15.07	15.05	17	0
15	16QAM	1	74	15.32	15.09	15.08		
15	16QAM	36	0	15.30	15.22	15.02		
15	16QAM	36	20	15.25	15.20	15.04	17	0
15	16QAM	36	39	15.24	15.31	15.23		
15	16QAM	75	0	15.30	15.12	15.19		
15	64QAM	1	0	15.29	15.10	15.05		
15	64QAM	1	37	15.26	15.07	15.11	17	0
15	64QAM	1	74	15.22	15.23	15.09		
15	64QAM	36	0	15.20	15.22	15.27		
15	64QAM	36	20	15.25	15.05	15.12	17	0
15	64QAM	36	39	15.26	15.20	15.19		
15	64QAM	75	0	15.26	15.17	15.21		
15	256QAM	1	0	15.30	15.07	15.06		
15	256QAM	1	37	15.31	15.09	15.09	17	0
15	256QAM	1	74	15.22	15.27	15.11		
15	256QAM	36	0	15.08	15.09	15.18		
15	256QAM	36	20	15.21	15.13	15.13	17	0
15	256QAM	36	39	15.03	15.03	15.07		
15	256QAM	75	0	15.05	15.06	15.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.50	15.59	15.45		
10	QPSK	1	25	15.42	15.32	15.27	17	0
10	QPSK	1	49	15.50	15.46	15.59		
10	QPSK	25	0	15.22	15.34	15.29		
10	QPSK	25	12	15.23	15.25	15.16	17	0
10	QPSK	25	25	15.20	15.15	15.14		
10	QPSK	50	0	15.24	15.23	15.18		
10	16QAM	1	0	15.19	15.18	15.06		
10	16QAM	1	25	15.31	15.09	15.05	17	0
10	16QAM	1	49	15.35	15.18	15.08		
10	16QAM	25	0	15.22	15.30	15.02		
10	16QAM	25	12	15.23	15.19	15.03	17	0
10	16QAM	25	25	15.29	15.28	15.20		
10	16QAM	50	0	15.29	15.12	15.28		
10	64QAM	1	0	15.24	15.11	15.04		
10	64QAM	1	25	15.28	15.15	15.14	17	0
10	64QAM	1	49	15.20	15.26	15.08		
10	64QAM	25	0	15.24	15.21	15.26		
10	64QAM	25	12	15.26	15.14	15.14	17	0
10	64QAM	25	25	15.24	15.31	15.18		
10	64QAM	50	0	15.29	15.17	15.25		
10	256QAM	1	0	15.24	15.05	15.07		
10	256QAM	1	25	15.27	15.17	15.15	17	0
10	256QAM	1	49	15.22	15.19	15.03		
10	256QAM	25	0	15.14	15.04	15.15		
10	256QAM	25	12	15.25	15.11	15.15	17	0
10	256QAM	25	25	15.03	15.03	15.17		
10	256QAM	50	0	15.02	15.05	15.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.59	15.53	15.53		
5	QPSK	1	12	15.43	15.41	15.29	17	0
5	QPSK	1	24	15.57	15.46	15.51		
5	QPSK	12	0	15.24	15.36	15.29		
5	QPSK	12	7	15.24	15.16	15.06	17	0
5	QPSK	12	13	15.20	15.21	15.15		
5	QPSK	25	0	15.22	15.28	15.19		
5	16QAM	1	0	15.12	15.12	15.02		
5	16QAM	1	12	15.33	15.08	15.00	17	0
5	16QAM	1	24	15.30	15.16	15.12		
5	16QAM	12	0	15.30	15.19	15.10		
5	16QAM	12	7	15.28	15.14	15.09	17	0
5	16QAM	12	13	15.22	15.32	15.19		
5	16QAM	25	0	15.39	15.15	15.20		
5	64QAM	1	0	15.25	15.09	15.03		
5	64QAM	1	12	15.36	15.16	15.11	17	0
5	64QAM	1	24	15.20	15.29	15.04		
5	64QAM	12	0	15.27	15.22	15.31		
5	64QAM	12	7	15.33	15.13	15.11	17	0
5	64QAM	12	13	15.25	15.28	15.09		
5	64QAM	25	0	15.31	15.15	15.23		
5	256QAM	1	0	15.34	15.02	15.07		
5	256QAM	1	12	15.34	15.07	15.09	17	0
5	256QAM	1	24	15.26	15.25	15.08		
5	256QAM	12	0	15.13	15.06	15.19		
5	256QAM	12	7	15.25	15.16	15.08	17	0
5	256QAM	12	13	15.00	15.00	15.15		
5	256QAM	25	0	15.02	15.06	15.06		

Band 38_Ant 2_Other PA

BW [MHz]	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	22.78	22.79	22.66		
20	QPSK	1	49	22.71	22.67	22.50	24.5	0
20	QPSK	1	99	22.67	22.67	22.59		
20	QPSK	50	0	21.76	21.77	21.63		
20	QPSK	50	24	21.75	21.62	21.51	23.5	1
20	QPSK	50	50	21.71	21.67	21.62		
20	QPSK	100	0	21.75	21.76	21.54		
20	16QAM	1	0	21.86	21.71	21.70		
20	16QAM	1	49	21.91	21.77	21.58	23.5	1
20	16QAM	1	99	21.84	21.77	21.65		
20	16QAM	50	0	20.81	20.74	20.71		
20	16QAM	50	24	20.81	20.79	20.58	22.5	2
20	16QAM	50	50	20.81	20.74	20.70		
20	16QAM	100	0	20.89	20.75	20.70		
20	64QAM	1	0	20.76	20.66	20.51		
20	64QAM	1	49	20.73	20.62	20.53	22.5	2
20	64QAM	1	99	20.70	20.52	20.59		
20	64QAM	50	0	19.83	19.68	19.64		
20	64QAM	50	24	19.76	19.68	19.66	21.5	3
20	64QAM	50	50	19.83	19.76	19.69		
20	64QAM	100	0	19.78	19.69	19.62		
20	256QAM	1	0	17.55	17.62	17.67		
20	256QAM	1	49	17.66	17.61	17.57	19.5	5
20	256QAM	1	99	17.54	17.53	17.56		
20	256QAM	50	0	17.71	17.67	17.74		
20	256QAM	50	24	17.57	17.61	17.69	19.5	5
20	256QAM	50	50	17.60	17.60	17.74		
20	256QAM	100	0	17.63	17.57	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.72	22.61		
15	QPSK	1	37	22.69	22.68	22.55	24.5	0
15	QPSK	1	74	22.71	22.63	22.56		
15	QPSK	36	0	21.70	21.64	21.65		
15	QPSK	36	20	21.80	21.65	21.56	23.5	1
15	QPSK	36	39	21.74	21.66	21.63		
15	QPSK	75	0	21.73	21.66	21.51		
15	16QAM	1	0	21.79	21.57	21.61		
15	16QAM	1	37	21.81	21.63	21.50	23.5	1
15	16QAM	1	74	21.76	21.67	21.51		
15	16QAM	36	0	20.73	20.66	20.61		
15	16QAM	36	20	20.69	20.65	20.59	22.5	2
15	16QAM	36	39	20.71	20.68	20.59		
15	16QAM	75	0	20.75	20.61	20.60		
15	64QAM	1	0	20.77	20.68	20.54		
15	64QAM	1	37	20.72	20.65	20.51	22.5	2
15	64QAM	1	74	20.67	20.53	20.50		
15	64QAM	36	0	19.70	19.61	19.57		
15	64QAM	36	20	19.69	19.56	19.55	21.5	3
15	64QAM	36	39	19.78	19.70	19.62		
15	64QAM	75	0	19.70	19.53	19.57		
15	256QAM	1	0	17.61	17.68	17.81		
15	256QAM	1	37	17.58	17.55	17.52	19.5	5
15	256QAM	1	74	17.53	17.50	17.51		
15	256QAM	36	0	17.85	17.81	17.88		
15	256QAM	36	20	17.54	17.56	17.63	19.5	5
15	256QAM	36	39	17.55	17.59	17.68		
15	256QAM	75	0	17.57	17.59	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.69	22.70		
10	QPSK	1	25	22.72	22.71	22.55	24.5	0
10	QPSK	1	49	22.68	22.68	22.56		
10	QPSK	25	0	21.66	21.66	21.58		
10	QPSK	25	12	21.76	21.65	21.59	23.5	1
10	QPSK	25	25	21.67	21.64	21.65		
10	QPSK	50	0	21.75	21.68	21.57		
10	16QAM	1	0	21.81	21.60	21.64		
10	16QAM	1	25	21.77	21.68	21.59	23.5	1
10	16QAM	1	49	21.74	21.71	21.59		
10	16QAM	25	0	20.71	20.61	20.62		
10	16QAM	25	12	20.73	20.72	20.57	22.5	2
10	16QAM	25	25	20.70	20.67	20.63		
10	16QAM	50	0	20.82	20.60	20.63		
10	64QAM	1	0	20.80	20.60	20.52		
10	64QAM	1	25	20.73	20.64	20.51	22.5	2
10	64QAM	1	49	20.64	20.55	20.55		
10	64QAM	25	0	19.77	19.62	19.51		
10	64QAM	25	12	19.71	19.57	19.60	21.5	3
10	64QAM	25	25	19.74	19.70	19.64		
10	64QAM	50	0	19.80	19.63	19.61		
10	256QAM	1	0	17.57	17.60	17.65		
10	256QAM	1	25	17.51	17.53	17.50	19.5	5
10	256QAM	1	49	17.52	17.53	17.55		
10	256QAM	25	0	17.65	17.70	17.74		
10	256QAM	25	12	17.61	17.55	17.65	19.5	5
10	256QAM	25	25	17.61	17.54	17.72		
10	256QAM	50	0	17.59	17.56	17.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.71	22.60		
5	QPSK	1	12	22.69	22.65	22.53	24.5	0
5	QPSK	1	24	22.66	22.70	22.61		
5	QPSK	12	0	21.73	21.65	21.59		
5	QPSK	12	7	21.78	21.60	21.50	23.5	1
5	QPSK	12	13	21.75	21.67	21.62		
5	QPSK	25	0	21.70	21.74	21.59		
5	16QAM	1	0	21.81	21.63	21.56		
5	16QAM	1	12	21.75	21.70	21.53	23.5	1
5	16QAM	1	24	21.71	21.71	21.54		
5	16QAM	12	0	20.69	20.63	20.64		
5	16QAM	12	7	20.68	20.65	20.52	22.5	2
5	16QAM	12	13	20.70	20.58	20.57		
5	16QAM	25	0	20.84	20.61	20.58		
5	64QAM	1	0	20.70	20.70	20.51		
5	64QAM	1	12	20.76	20.59	20.53	22.5	2
5	64QAM	1	24	20.67	20.52	20.53		
5	64QAM	12	0	19.86	19.69	19.62		
5	64QAM	12	7	19.71	19.71	19.60	21.5	3
5	64QAM	12	13	19.80	19.71	19.69		
5	64QAM	25	0	19.78	19.64	19.66		
5	256QAM	1	0	17.57	17.64	17.65		
5	256QAM	1	12	17.54	17.51	17.55	19.5	5
5	256QAM	1	24	17.55	17.52	17.53		
5	256QAM	12	0	17.74	17.66	17.74		
5	256QAM	12	7	17.62	17.60	17.69	19.5	5
5	256QAM	12	13	17.57	17.65	17.68		
5	256QAM	25	0	17.64	17.58	17.58		

Band 38_Ant 5_Other PA

BW [MHz]	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	19.02	19.04	18.94		
20	QPSK	1	49	19.00	18.87	18.72	20.5	0
20	QPSK	1	99	18.85	18.89	18.91		
20	QPSK	50	0	18.79	18.89	18.84		
20	QPSK	50	24	18.64	18.71	18.54	20.5	0
20	QPSK	50	50	18.78	18.85	18.72		
20	QPSK	100	0	18.74	18.76	18.71		
20	16QAM	1	0	18.72	18.59	18.56		
20	16QAM	1	49	18.70	18.66	18.57	20.5	0
20	16QAM	1	99	18.77	18.64	18.62		
20	16QAM	50	0	18.66	18.71	18.70		
20	16QAM	50	24	18.85	18.82	18.60	20.5	0
20	16QAM	50	50	18.79	18.75	18.68		
20	16QAM	100	0	18.72	18.81	18.73		
20	64QAM	1	0	18.58	18.66	18.64		
20	64QAM	1	49	18.65	18.51	18.50	20.5	0
20	64QAM	1	99	18.55	18.58	18.51		
20	64QAM	50	0	18.74	18.59	18.63		
20	64QAM	50	24	18.73	18.71	18.58	20.5	0
20	64QAM	50	50	18.80	18.75	18.71		
20	64QAM	100	0	18.78	18.71	18.67		
20	256QAM	1	0	18.66	18.66	18.56		
20	256QAM	1	49	18.66	18.57	18.50	20.5	0
20	256QAM	1	99	18.59	18.60	18.54		
20	256QAM	50	0	18.60	18.51	18.53		
20	256QAM	50	24	18.67	18.64	18.56	20.5	0
20	256QAM	50	50	18.59	18.55	18.65		
20	256QAM	100	0	18.59	18.58	18.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.91	18.94	18.81		
15	QPSK	1	37	18.94	18.79	18.57	20.5	0
15	QPSK	1	74	18.73	18.73	18.78		
15	QPSK	36	0	18.70	18.74	18.77		
15	QPSK	36	20	18.59	18.63	18.58	20.5	0
15	QPSK	36	39	18.73	18.74	18.67		
15	QPSK	75	0	18.68	18.70	18.58		
15	16QAM	1	0	18.65	18.52	18.57		
15	16QAM	1	37	18.61	18.56	18.57	20.5	0
15	16QAM	1	74	18.65	18.53	18.53		
15	16QAM	36	0	18.58	18.62	18.55		
15	16QAM	36	20	18.77	18.77	18.59	20.5	0
15	16QAM	36	39	18.66	18.69	18.53		
15	16QAM	75	0	18.66	18.68	18.64		
15	64QAM	1	0	18.51	18.52	18.53		
15	64QAM	1	37	18.52	18.56	18.54	20.5	0
15	64QAM	1	74	18.55	18.55	18.56		
15	64QAM	36	0	18.58	18.52	18.55		
15	64QAM	36	20	18.60	18.59	18.54	20.5	0
15	64QAM	36	39	18.74	18.65	18.56		
15	64QAM	75	0	18.70	18.61	18.62		
15	256QAM	1	0	18.54	18.60	18.51		
15	256QAM	1	37	18.60	18.54	18.52	20.5	0
15	256QAM	1	74	18.54	18.58	18.54		
15	256QAM	36	0	18.59	18.52	18.60		
15	256QAM	36	20	18.59	18.58	18.53	20.5	0
15	256QAM	36	39	18.52	18.50	18.56		
15	256QAM	75	0	18.51	18.51	18.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.86	18.91	18.80		
10	QPSK	1	25	18.93	18.71	18.62	20.5	0
10	QPSK	1	49	18.69	18.80	18.75		
10	QPSK	25	0	18.69	18.73	18.73		
10	QPSK	25	12	18.57	18.61	18.56	20.5	0
10	QPSK	25	25	18.64	18.70	18.61		
10	QPSK	50	0	18.66	18.68	18.55		
10	16QAM	1	0	18.60	18.57	18.57		
10	16QAM	1	25	18.60	18.55	18.52	20.5	0
10	16QAM	1	49	18.69	18.57	18.50		
10	16QAM	25	0	18.53	18.61	18.59		
10	16QAM	25	12	18.78	18.71	18.50	20.5	0
10	16QAM	25	25	18.68	18.70	18.52		
10	16QAM	50	0	18.57	18.66	18.66		
10	64QAM	1	0	18.53	18.50	18.53		
10	64QAM	1	25	18.56	18.50	18.54	20.5	0
10	64QAM	1	49	18.58	18.54	18.52		
10	64QAM	25	0	18.63	18.55	18.55		
10	64QAM	25	12	18.66	18.55	18.56	20.5	0
10	64QAM	25	25	18.73	18.60	18.55		
10	64QAM	50	0	18.62	18.55	18.59		
10	256QAM	1	0	18.52	18.55	18.52		
10	256QAM	1	25	18.60	18.52	18.55	20.5	0
10	256QAM	1	49	18.50	18.55	18.55		
10	256QAM	25	0	18.52	18.55	18.50		
10	256QAM	25	12	18.61	18.59	18.51	20.5	0
10	256QAM	25	25	18.54	18.50	18.55		
10	256QAM	50	0	18.59	18.53	18.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.89	18.88	18.86		
5	QPSK	1	12	18.85	18.72	18.62	20.5	0
5	QPSK	1	24	18.75	18.74	18.78		
5	QPSK	12	0	18.65	18.64	18.74		
5	QPSK	12	7	18.59	18.66	18.57	20.5	0
5	QPSK	12	13	18.70	18.69	18.66		
5	QPSK	25	0	18.69	18.67	18.59		
5	16QAM	1	0	18.66	18.55	18.50		
5	16QAM	1	12	18.64	18.51	18.52	20.5	0
5	16QAM	1	24	18.63	18.51	18.56		
5	16QAM	12	0	18.57	18.59	18.61		
5	16QAM	12	7	18.70	18.69	18.51	20.5	0
5	16QAM	12	13	18.64	18.67	18.63		
5	16QAM	25	0	18.67	18.67	18.58		
5	64QAM	1	0	18.52	18.53	18.58		
5	64QAM	1	12	18.56	18.58	18.55	20.5	0
5	64QAM	1	24	18.52	18.54	18.55		
5	64QAM	12	0	18.59	18.59	18.56		
5	64QAM	12	7	18.58	18.56	18.56	20.5	0
5	64QAM	12	13	18.73	18.61	18.66		
5	64QAM	25	0	18.67	18.55	18.59		
5	256QAM	1	0	18.51	18.56	18.51		
5	256QAM	1	12	18.58	18.51	18.56	20.5	0
5	256QAM	1	24	18.53	18.59	18.56		
5	256QAM	12	0	18.54	18.55	18.59		
5	256QAM	12	7	18.52	18.52	18.58	20.5	0
5	256QAM	12	13	18.54	18.59	18.54		
5	256QAM	25	0	18.52	18.58	18.53		

Band 38_Ant 3_Other PA

BW [MHz]	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	17.57	17.59	17.44	18.5	0
20	QPSK	1	49	17.50	17.57	17.39		
20	QPSK	1	99	17.55	17.57	17.43		
20	QPSK	50	0	17.38	17.39	17.34	18.5	0
20	QPSK	50	24	17.36	17.32	17.30		
20	QPSK	50	50	17.32	17.25	17.33		
20	QPSK	100	0	17.32	17.33	17.27		
20	16QAM	1	0	17.23	17.19	17.10	18.5	0
20	16QAM	1	49	17.37	17.23	17.10		
20	16QAM	1	99	17.26	17.24	17.19		
20	16QAM	50	0	17.30	17.26	17.18	18.5	0
20	16QAM	50	24	17.35	17.27	17.27		
20	16QAM	50	50	17.35	17.30	17.25		
20	16QAM	100	0	17.33	17.32	17.32		
20	64QAM	1	0	17.01	16.91	16.87	18.5	0
20	64QAM	1	49	16.91	17.01	16.94		
20	64QAM	1	99	17.08	16.96	16.95		
20	64QAM	50	0	17.30	17.26	17.29	18.5	0
20	64QAM	50	24	17.32	17.22	17.15		
20	64QAM	50	50	17.29	17.26	17.26		
20	64QAM	100	0	17.37	17.31	17.18		
20	256QAM	1	0	16.99	17.10	17.18	18.5	0
20	256QAM	1	49	16.89	16.96	16.97		
20	256QAM	1	99	17.01	16.83	16.92		
20	256QAM	50	0	17.25	17.18	17.29	18.5	0
20	256QAM	50	24	17.00	17.18	17.07		
20	256QAM	50	50	17.11	16.99	17.08		
20	256QAM	100	0	17.07	17.03	17.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.46	17.44	17.29	18.5	0
15	QPSK	1	37	17.37	17.49	17.34		
15	QPSK	1	74	17.42	17.47	17.34		
15	QPSK	36	0	17.22	17.16	17.24	18.5	0
15	QPSK	36	20	17.26	17.18	17.22		
15	QPSK	36	39	17.23	17.19	17.26		
15	QPSK	75	0	17.20	17.23	17.17		
15	16QAM	1	0	17.16	17.07	16.96	18.5	0
15	16QAM	1	37	17.21	17.13	16.99		
15	16QAM	1	74	17.20	17.15	17.10		
15	16QAM	36	0	17.20	17.12	17.06	18.5	0
15	16QAM	36	20	17.23	17.21	17.14		
15	16QAM	36	39	17.24	17.19	17.11		
15	16QAM	75	0	17.22	17.20	17.26		
15	64QAM	1	0	16.91	16.80	16.73	18.5	0
15	64QAM	1	37	16.81	16.90	16.81		
15	64QAM	1	74	16.98	16.82	16.90		
15	64QAM	36	0	17.19	17.15	17.23	18.5	0
15	64QAM	36	20	17.18	17.07	17.00		
15	64QAM	36	39	17.22	17.14	17.19		
15	64QAM	75	0	17.22	17.17	17.11		
15	256QAM	1	0	16.83	17.03	17.10	18.5	0
15	256QAM	1	37	16.75	16.90	16.85		
15	256QAM	1	74	16.88	16.70	16.83		
15	256QAM	36	0	17.15	17.07	17.14	18.5	0
15	256QAM	36	20	16.84	17.11	16.95		
15	256QAM	36	39	16.95	16.85	17.02		
15	256QAM	75	0	17.01	16.96	16.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.46	17.29	18.5	0
10	QPSK	1	25	17.35	17.50	17.34		
10	QPSK	1	49	17.39	17.42	17.32		
10	QPSK	25	0	17.32	17.20	17.21	18.5	0
10	QPSK	25	12	17.22	17.26	17.21		
10	QPSK	25	25	17.23	17.19	17.19		
10	QPSK	50	0	17.25	17.16	17.11		
10	16QAM	1	0	17.10	17.08	16.96	18.5	0
10	16QAM	1	25	17.24	17.16	16.99		
10	16QAM	1	49	17.20	17.13	17.11		
10	16QAM	25	0	17.20	17.14	17.07	18.5	0
10	16QAM	25	12	17.21	17.22	17.11		
10	16QAM	25	25	17.30	17.18	17.10		
10	16QAM	50	0	17.19	17.23	17.25		
10	64QAM	1	0	16.87	16.85	16.81	18.5	0
10	64QAM	1	25	16.80	16.89	16.86		
10	64QAM	1	49	16.99	16.84	16.79		
10	64QAM	25	0	17.15	17.11	17.19	18.5	0
10	64QAM	25	12	17.17	17.13	17.05		
10	64QAM	25	25	17.13	17.18	17.17		
10	64QAM	50	0	17.23	17.23	17.09		
10	256QAM	1	0	16.88	17.05	17.09	18.5	0
10	256QAM	1	25	16.84	16.81	16.89		
10	256QAM	1	49	16.90	16.75	16.87		
10	256QAM	25	0	17.13	17.13	17.16	18.5	0
10	256QAM	25	12	16.87	17.09	16.93		
10	256QAM	25	25	17.00	16.86	17.01		
10	256QAM	50	0	16.99	16.98	16.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.51	17.44	17.36	18.5	0
5	QPSK	1	12	17.37	17.47	17.33		
5	QPSK	1	24	17.41	17.46	17.36		
5	QPSK	12	0	17.29	17.16	17.20	18.5	0
5	QPSK	12	7	17.31	17.19	17.15		
5	QPSK	12	13	17.26	17.09	17.17		
5	QPSK	25	0	17.27	17.23	17.17		
5	16QAM	1	0	17.12	17.13	17.00	18.5	0
5	16QAM	1	12	17.30	17.15	16.96		
5	16QAM	1	24	17.18	17.10	17.08		
5	16QAM	12	0	17.20	17.16	17.09	18.5	0
5	16QAM	12	7	17.26	17.21	17.22		
5	16QAM	12	13	17.21	17.22	17.17		
5	16QAM	25	0	17.26	17.17	17.19		
5	64QAM	1	0	16.88	16.80	16.82	18.5	0
5	64QAM	1	12	16.77	16.87	16.87		
5	64QAM	1	24	16.98	16.88	16.90		
5	64QAM	12	0	17.21	17.13	17.14	18.5	0
5	64QAM	12	7	17.27	17.17	17.07		
5	64QAM	12	13	17.21	17.15	17.12		
5	64QAM	25	0	17.30	17.21	17.13		
5	256QAM	1	0	16.84	16.99	17.12	18.5	0
5	256QAM	1	12	16.84	16.86	16.89		
5	256QAM	1	24	16.85	16.75	16.87		
5	256QAM	12	0	17.17	17.04	17.20	18.5	0
5	256QAM	12	7	16.84	17.04	16.98		
5	256QAM	12	13	17.05	16.85	16.94		
5	256QAM	25	0	16.92	16.88	16.91		

Band 41_Ant 4_Other PA

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	15.17	15.25	15.08	15.24	14.99	16.5	0
20	QPSK	1	49	15.02	14.83	15.07	14.82	14.97		
20	QPSK	1	99	15.16	15.11	15.03	15.07	14.98		
20	QPSK	50	0	14.85	14.92	14.82	14.89	14.84	16.5	0
20	QPSK	50	24	14.75	14.79	14.76	14.79	14.83		
20	QPSK	50	50	14.78	14.72	14.75	14.63	14.72		
20	QPSK	100	0	14.76	14.85	14.75	14.84	14.75		
20	16QAM	1	0	14.88	14.69	14.66	14.69	14.59	16.5	0
20	16QAM	1	49	14.85	14.73	14.86	14.80	14.86		
20	16QAM	1	99	14.78	14.60	14.77	14.60	14.72		
20	16QAM	50	0	14.82	14.68	14.83	14.69	14.84	16.5	0
20	16QAM	50	24	14.78	14.58	14.88	14.56	14.84		
20	16QAM	50	50	14.84	14.70	14.77	14.76	14.86		
20	16QAM	100	0	14.87	14.52	14.85	14.54	14.87		
20	64QAM	1	0	14.90	14.85	14.87	14.80	14.87	16.5	0
20	64QAM	1	49	14.96	14.89	14.99	14.86	14.97		
20	64QAM	1	99	15.02	14.83	14.96	14.75	14.98		
20	64QAM	50	0	14.92	14.71	14.93	14.71	14.85	16.5	0
20	64QAM	50	24	14.84	14.73	14.97	14.75	14.88		
20	64QAM	50	50	14.88	14.75	14.82	14.82	14.80		
20	64QAM	100	0	14.98	14.62	14.83	14.71	14.78		
20	256QAM	1	0	14.91	14.98	14.78	15.07	14.83	16.5	0
20	256QAM	1	49	14.84	14.90	14.86	14.93	14.83		
20	256QAM	1	99	14.77	14.85	14.81	14.82	14.87		
20	256QAM	50	0	14.72	14.95	14.58	14.93	14.56	16.5	0
20	256QAM	50	24	14.54	14.90	14.73	14.99	14.65		
20	256QAM	50	50	14.92	14.57	14.98	14.56	14.95		
20	256QAM	100	0	14.99	14.51	14.50	14.58	14.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.04	15.16	14.89	15.14	14.94	16.5	0
15	QPSK	1	37	14.97	14.73	14.92	14.71	14.83		
15	QPSK	1	74	15.03	15.01	14.90	14.92	14.88		
15	QPSK	36	0	14.71	14.73	14.73	14.78	14.76	16.5	0
15	QPSK	36	20	14.70	14.69	14.68	14.67	14.77		
15	QPSK	36	39	14.66	14.59	14.63	14.52	14.60		
15	QPSK	75	0	14.65	14.68	14.67	14.78	14.68		
15	16QAM	1	0	14.82	14.58	14.51	14.62	14.52	16.5	0
15	16QAM	1	37	14.70	14.60	14.71	14.72	14.79		
15	16QAM	1	74	14.73	14.96	14.63	14.99	14.62		
15	16QAM	36	0	14.73	14.60	14.67	14.53	14.79	16.5	0
15	16QAM	36	20	14.65	14.53	14.75	14.99	14.68		
15	16QAM	36	39	14.79	14.58	14.65	14.64	14.74		
15	16QAM	75	0	14.76	14.92	14.74	14.98	14.73		
15	64QAM	1	0	14.82	14.79	14.75	14.71	14.74	16.5	0
15	64QAM	1	37	14.84	14.74	14.83	14.74	14.88		
15	64QAM	1	74	14.88	14.76	14.85	14.60	14.82		
15	64QAM	36	0	14.83	14.64	14.85	14.66	14.75	16.5	0
15	64QAM	36	20	14.76	14.59	14.81	14.70	14.83		
15	64QAM	36	39	14.73	14.64	14.69	14.77	14.64		
15	64QAM	75	0	14.83	14.54	14.68	14.60	14.71		
15	256QAM	1	0	14.80	14.91	14.62	14.94	14.73	16.5	0
15	256QAM	1	37	14.70	14.74	14.79	14.87	14.77		
15	256QAM	1	74	14.69	14.70	14.76	14.76	14.72		
15	256QAM	36	0	14.58	14.85	14.51	14.83	14.92	16.5	0
15	256QAM	36	20	14.89	14.83	14.58	14.91	14.99		
15	256QAM	36	39	14.87	14.91	14.90	14.96	14.82		
15	256QAM	75	0	14.89	14.95	14.89	14.98	14.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.12	15.11	14.89	15.16	14.91	16.5	0
10	QPSK	1	25	14.93	14.73	14.95	14.77	14.82		
10	QPSK	1	49	15.03	14.99	14.97	14.99	14.90		
10	QPSK	25	0	14.78	14.78	14.72	14.79	14.69	16.5	0
10	QPSK	25	12	14.64	14.74	14.61	14.69	14.68		
10	QPSK	25	25	14.70	14.64	14.64	14.97	14.58		
10	QPSK	50	0	14.68	14.74	14.69	14.69	14.64		
10	16QAM	1	0	14.76	14.55	14.54	14.59	14.97	16.5	0
10	16QAM	1	25	14.80	14.57	14.76	14.74	14.70		
10	16QAM	1	49	14.64	14.98	14.72	14.96	14.56		
10	16QAM	25	0	14.75	14.54	14.68	14.63	14.77	16.5	0
10	16QAM	25	12	14.72	14.52	14.81	14.94	14.71		
10	16QAM	25	25	14.72	14.65	14.71	14.64	14.78		
10	16QAM	50	0	14.81	14.96	14.75	14.90	14.82		
10	64QAM	1	0	14.77	14.70	14.81	14.65	14.81	16.5	0
10	64QAM	1	25	14.89	14.75	14.84	14.79	14.81		
10	64QAM	1	49	14.91	14.68	14.88	14.65	14.91		
10	64QAM	25	0	14.80	14.65	14.85	14.65	14.73	16.5	0
10	64QAM	25	12	14.73	14.61	14.92	14.66	14.80		
10	64QAM	25	25	14.74	14.68	14.67	14.67	14.75		
10	64QAM	50	0	14.91	14.99	14.73	14.61	14.72		
10	256QAM	1	0	14.79	14.82	14.66	14.50	14.76	16.5	0
10	256QAM	1	25	14.69	14.85	14.76	14.82	14.70		
10	256QAM	1	49	14.65	14.76	14.68	14.66	14.74		
10	256QAM	25	0	14.65	14.82	14.98	14.82	14.99	16.5	0
10	256QAM	25	12	14.94	14.77	14.57	14.90	14.99		
10	256QAM	25	25	14.84	14.97	14.91	14.51	14.80		
10	256QAM	50	0	14.91	14.92	14.88	14.99	14.84		
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	15.10	15.13	14.90	15.12	14.88	16.5	0
5	QPSK	1	12	14.96	14.68	15.01	14.69	14.84		
5	QPSK	1	24	15.08	15.04	14.94	14.94	14.83		
5	QPSK	12	0	14.77	14.83	14.73	14.73	14.72	16.5	0
5	QPSK	12	7	14.62	14.67	14.64	14.74	14.68		
5	QPSK	12	13	14.63	14.58	14.67	14.50	14.59		
5	QPSK	25	0	14.64	14.69	14.70	14.72	14.67		
5	16QAM	1	0	14.82	14.61	14.51	14.57	14.94	16.5	0
5	16QAM	1	12	14.74	14.67	14.77	14.73	14.72		
5	16QAM	1	24	14.67	14.53	14.63	14.51	14.62		
5	16QAM	12	0	14.71	14.52	14.77	14.56	14.78	16.5	0
5	16QAM	12	7	14.63	14.95	14.72	14.51	14.75		
5	16QAM	12	13	14.76	14.57	14.72	14.70	14.75		
5	16QAM	25	0	14.74	14.96	14.71	14.96	14.77		
5	64QAM	1	0	14.77	14.77	14.78	14.73	14.75	16.5	0
5	64QAM	1	12	14.80	14.83	14.93	14.79	14.89		
5	64QAM	1	24	14.95	14.74	14.91	14.67	14.91		
5	64QAM	12	0	14.80	14.59	14.77	14.61	14.70	16.5	0
5	64QAM	12	7	14.72	14.62	14.81	14.59	14.76		
5	64QAM	12	13	14.81	14.65	14.69	14.73	14.70		
5	64QAM	25	0	14.85	14.99	14.75	14.64	14.68		
5	256QAM	1	0	14.80	14.92	14.64	14.93	14.69	16.5	0
5	256QAM	1	12	14.68	14.85	14.72	14.83	14.69		
5	256QAM	1	24	14.65	14.70	14.75	14.71	14.78		
5	256QAM	12	0	14.57	14.86	14.52	14.78	14.97	16.5	0
5	256QAM	12	7	14.91	14.78	14.63	14.89	14.56		
5	256QAM	12	13	14.85	14.91	14.90	14.96	14.90		
5	256QAM	25	0	14.94	14.85	14.84	14.51	14.89		

Band 41_Ant 2_Other PA

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	22.64	22.70	22.68	22.65	22.63	24.5	0
20	QPSK	1	49	22.63	22.68	22.63	22.61	22.57		
20	QPSK	1	99	22.57	22.66	22.61	22.63	22.62		
20	QPSK	50	0	21.62	21.68	21.66	21.63	21.61	23.5	1
20	QPSK	50	24	21.61	21.65	21.65	21.62	21.56		
20	QPSK	50	50	21.56	21.65	21.60	21.62	21.56		
20	QPSK	100	0	21.61	21.65	21.63	21.62	21.60		
20	16QAM	1	0	21.55	21.64	21.65	21.62	21.59	23.5	1
20	16QAM	1	49	21.57	21.64	21.65	21.62	21.59		
20	16QAM	1	99	21.57	21.64	21.60	21.60	21.59		
20	16QAM	50	0	20.62	20.66	20.65	20.63	20.62	22.5	2
20	16QAM	50	24	20.56	20.59	20.63	20.58	20.60		
20	16QAM	50	50	20.60	20.60	20.58	20.56	20.55		
20	16QAM	100	0	20.58	20.60	20.58	20.59	20.59		
20	64QAM	1	0	20.58	20.65	20.63	20.61	20.57	22.5	2
20	64QAM	1	49	20.59	20.60	20.61	20.57	20.56		
20	64QAM	1	99	20.57	20.59	20.64	20.61	20.59		
20	64QAM	50	0	19.65	19.66	19.67	19.63	19.62	21.5	3
20	64QAM	50	24	19.60	19.60	19.61	19.58	19.57		
20	64QAM	50	50	19.63	19.64	19.62	19.57	19.58		
20	64QAM	100	0	19.64	19.59	19.66	19.62	19.56		
20	256QAM	1	0	17.65	17.66	17.67	17.63	17.62	19.5	5
20	256QAM	1	49	17.61	17.62	17.60	17.56	17.56		
20	256QAM	1	99	17.61	17.62	17.66	17.61	17.57		
20	256QAM	50	0	17.61	17.62	17.60	17.59	17.59	19.5	5
20	256QAM	50	24	17.58	17.62	17.64	17.60	17.55		
20	256QAM	50	50	17.59	17.64	17.66	17.61	17.58		
20	256QAM	100	0	17.60	17.59	17.63	17.60	17.57		
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	22.59	22.65	22.64	22.60	22.61	24.5	0
15	QPSK	1	37	22.62	22.66	22.58	22.60	22.53		
15	QPSK	1	74	22.55	22.61	22.56	22.58	22.59		
15	QPSK	36	0	21.59	21.64	21.65	21.59	21.56	23.5	1
15	QPSK	36	20	21.59	21.61	21.63	21.60	21.54		
15	QPSK	36	39	21.52	21.63	21.57	21.60	21.51		
15	QPSK	75	0	21.57	21.64	21.58	21.57	21.58		
15	16QAM	1	0	21.52	21.63	21.63	21.61	21.56	23.5	1
15	16QAM	1	37	21.53	21.63	21.63	21.59	21.55		
15	16QAM	1	74	21.52	21.62	21.57	21.57	21.55		
15	16QAM	36	0	20.60	20.61	20.60	20.59	20.58	22.5	2
15	16QAM	36	20	20.55	20.57	20.59	20.54	20.57		
15	16QAM	36	39	20.57	20.59	20.54	20.51	20.52		
15	16QAM	75	0	20.57	20.57	20.55	20.54	20.54		
15	64QAM	1	0	20.55	20.64	20.60	20.56	20.55	22.5	2
15	64QAM	1	37	20.54	20.56	20.60	20.56	20.52		
15	64QAM	1	74	20.53	20.58	20.63	20.57	20.57		
15	64QAM	36	0	19.63	19.61	19.65	19.61	19.57	21.5	3
15	64QAM	36	20	19.58	19.55	19.58	19.55	19.56		
15	64QAM	36	39	19.59	19.61	19.60	19.53	19.56		
15	64QAM	75	0	19.60	19.54	19.64	19.60	19.55		
15	256QAM	1	0	17.60	17.63	17.63	17.58	17.57	19.5	5
15	256QAM	1	37	17.60	17.60	17.57	17.52	17.55		
15	256QAM	1	74	17.59	17.61	17.63	17.58	17.54		
15	256QAM	36	0	17.56	17.61	17.55	17.58	17.55	19.5	5
15	256QAM	36	20	17.55	17.61	17.60	17.57	17.52		
15	256QAM	36	39	17.58	17.60	17.61	17.56	17.53		
15	256QAM	75	0	17.59	17.58	17.60	17.56	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.67	22.64	22.63	22.59	24.5	0
10	QPSK	1	25	22.59	22.66	22.60	22.56	22.53		
10	QPSK	1	49	22.56	22.61	22.56	22.58	22.58		
10	QPSK	25	0	21.57	21.66	21.64	21.62	21.58	23.5	1
10	QPSK	25	12	21.59	21.62	21.62	21.58	21.52		
10	QPSK	25	25	21.54	21.60	21.58	21.59	21.53		
10	QPSK	50	0	21.56	21.60	21.61	21.60	21.59		
10	16QAM	1	0	21.52	21.63	21.61	21.61	21.58	23.5	1
10	16QAM	1	25	21.52	21.59	21.63	21.59	21.58		
10	16QAM	1	49	21.52	21.59	21.55	21.59	21.54		
10	16QAM	25	0	20.58	20.63	20.63	20.58	20.61	22.5	2
10	16QAM	25	12	20.55	20.56	20.60	20.56	20.57		
10	16QAM	25	25	20.59	20.58	20.53	20.53	20.50		
10	16QAM	50	0	20.53	20.56	20.53	20.57	20.54		
10	64QAM	1	0	20.55	20

Band 41_Ant 5_Other PA

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	18.69	18.92	18.82	18.87	18.80	20	0
20	QPSK	1	49	18.60	18.81	18.74	18.75	18.72		
20	QPSK	1	99	18.58	18.91	18.73	18.85	18.70		
20	QPSK	50	0	18.57	18.69	18.56	18.63	18.60	20	0
20	QPSK	50	24	18.55	18.60	18.55	18.61	18.54		
20	QPSK	50	50	18.52	18.51	18.54	18.46	18.54		
20	QPSK	100	0	18.43	18.60	18.55	18.59	18.52		
20	16QAM	1	0	18.32	18.34	18.38	18.31	18.40	20	0
20	16QAM	1	49	18.33	18.51	18.45	18.45	18.53		
20	16QAM	1	99	18.30	18.53	18.37	18.55	18.37		
20	16QAM	50	0	18.40	18.52	18.57	18.49	18.53	20	0
20	16QAM	50	24	18.40	18.54	18.53	18.56	18.56		
20	16QAM	50	50	18.51	18.68	18.52	18.73	18.58		
20	16QAM	100	0	18.44	18.60	18.47	18.62	18.43		
20	64QAM	1	0	18.25	18.12	18.25	18.14	18.23	20	0
20	64QAM	1	49	18.19	18.28	18.18	18.19	18.24		
20	64QAM	1	99	18.13	18.35	18.05	18.30	18.05		
20	64QAM	50	0	18.44	18.53	18.56	18.59	18.53	20	0
20	64QAM	50	24	18.45	18.57	18.51	18.55	18.45		
20	64QAM	50	50	18.54	18.61	18.44	18.57	18.44		
20	64QAM	100	0	18.48	18.57	18.49	18.55	18.51		
20	256QAM	1	0	18.14	18.24	18.21	18.26	18.10	20	0
20	256QAM	1	49	18.18	18.26	18.19	18.23	18.17		
20	256QAM	1	99	18.17	18.12	18.17	18.20	18.04		
20	256QAM	50	0	18.28	18.48	18.22	18.43	18.29	20	0
20	256QAM	50	24	18.21	18.47	18.26	18.49	18.32		
20	256QAM	50	50	18.33	18.45	18.34	18.50	18.36		
20	256QAM	100	0	18.32	18.40	18.34	18.42	18.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.55	18.78	18.66	18.77	18.67	20	0
15	QPSK	1	37	18.53	18.76	18.59	18.68	18.61		
15	QPSK	1	74	18.52	18.75	18.61	18.74	18.56		
15	QPSK	36	0	18.52	18.59	18.42	18.47	18.55	20	0
15	QPSK	36	20	18.39	18.50	18.44	18.48	18.41		
15	QPSK	36	39	18.37	18.38	18.47	18.34	18.39		
15	QPSK	75	0	18.30	18.44	18.40	18.48	18.39		
15	16QAM	1	0	18.20	18.21	18.25	18.19	18.25	20	0
15	16QAM	1	37	18.27	18.35	18.40	18.36	18.47		
15	16QAM	1	74	18.24	18.44	18.31	18.48	18.26		
15	16QAM	36	0	18.34	18.41	18.50	18.41	18.48	20	0
15	16QAM	36	20	18.34	18.41	18.47	18.46	18.49		
15	16QAM	36	39	18.43	18.57	18.45	18.60	18.50		
15	16QAM	75	0	18.34	18.45	18.35	18.46	18.36		
15	64QAM	1	0	18.18	18.01	18.13	18.19	18.08	20	0
15	64QAM	1	37	18.05	18.16	18.13	18.06	18.09		
15	64QAM	1	74	18.02	18.19	18.12	18.22	18.10		
15	64QAM	36	0	18.31	18.42	18.45	18.50	18.38	20	0
15	64QAM	36	20	18.33	18.45	18.41	18.48	18.40		
15	64QAM	36	39	18.49	18.53	18.30	18.44	18.35		
15	64QAM	75	0	18.40	18.49	18.36	18.48	18.38		
15	256QAM	1	0	18.04	18.09	18.16	18.21	18.05	20	0
15	256QAM	1	37	18.10	18.14	18.07	18.11	18.05		
15	256QAM	1	74	18.08	18.04	18.01	18.14	18.09		
15	256QAM	36	0	18.20	18.37	18.08	18.30	18.19	20	0
15	256QAM	36	20	18.11	18.33	18.20	18.44	18.26		
15	256QAM	36	39	18.27	18.35	18.23	18.44	18.30		
15	256QAM	75	0	18.20	18.27	18.29	18.34	18.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.55	18.77	18.73	18.79	18.68	20	0
10	QPSK	1	25	18.48	18.66	18.69	18.62	18.64		
10	QPSK	1	49	18.50	18.82	18.65	18.69	18.58		
10	QPSK	25	0	18.52	18.59	18.43	18.52	18.50	20	0
10	QPSK	25	12	18.49	18.55	18.41	18.49	18.40		
10	QPSK	25	25	18.38	18.40	18.41	18.36	18.39		
10	QPSK	50	0	18.27	18.55	18.47	18.48	18.38		
10	16QAM	1	0	18.26	18.26	18.31	18.25	18.32	20	0
10	16QAM	1	25	18.28	18.41	18.38	18.31	18.37		
10	16QAM	1	49	18.14	18.47	18.22	18.50	18.25		
10	16QAM	25	0	18.24	18.43	18.45	18.42	18.40	20	0
10	16QAM	25	12	18.26	18.48	18.47	18.40	18.42		
10	16QAM	25	25	18.43	18.63	18.39	18.61	18.46		
10	16QAM	50	0	18.39	18.55	18.35	18.50	18.29		
10	64QAM	1	0	18.16	18.02	18.14	18.19	18.09	20	0
10	64QAM	1	25	18.03	18.14	18.06	18.11	18.14		
10	64QAM	1	49	18.19	18.28	18.11	18.25	18.13		
10	64QAM	25	0	18.32	18.40	18.47	18.46	18.39	20	0
10	64QAM	25	12	18.31	18.47	18.36	18.39	18.33		
10	64QAM	25	25	18.48	18.53	18.39	18.51	18.32		
10	64QAM	50	0	18.39	18.49	18.40	18.44	18.35		
10	256QAM	1	0	18.00	18.17	18.16	18.18	18.18	20	0
10	256QAM	1	25	18.07	18.14	18.05	18.13	18.08		
10	256QAM	1	49	18.04	18.00	18.12	18.04	18.16		
10	256QAM	25	0	18.21	18.39	18.14	18.28	18.22	20	0
10	256QAM	25	12	18.09	18.40	18.14	18.33	18.23		
10	256QAM	25	25	18.27	18.37	18.28	18.44	18.24		
10	256QAM	50	0	18.22	18.25	18.24	18.27	18.25		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.60	18.75	18.67	18.80	18.71	20	0
5	QPSK	1	12	18.51	18.72	18.58	18.61	18.61		
5	QPSK	1	24	18.53	18.78	18.60	18.70	18.54		
5	QPSK	12	0	18.46	18.56	18.46	18.50	18.51	20	0
5	QPSK	12	7	18.39	18.53	18.43	18.56	18.44		
5	QPSK	12	13	18.36	18.44	18.46	18.41	18.45		
5	QPSK	25	0	18.35	18.47	18.44	18.49	18.36		
5	16QAM	1	0	18.24	18.21	18.25	18.26	18.32	20	0
5	16QAM	1	12	18.24	18.36	18.29	18.34	18.41		
5	16QAM	1	24	18.21	18.47	18.26	18.46	18.22		
5	16QAM	12	0	18.31	18.42	18.44	18.35	18.46	20	0
5	16QAM	12	7	18.29	18.49	18.43	18.49	18.40		
5	16QAM	12	13	18.35	18.58	18.40	18.66	18.47		
5	16QAM	25	0	18.37	18.53	18.33	18.53	18.31		
5	64QAM	1	0	18.11	18.07	18.09	18.05	18.10	20	0
5	64QAM	1	12	18.13	18.17	18.02	18.04	18.12		
5	64QAM	1	24	18.06	18.22	18.17	18.25	18.14		
5	64QAM	12	0	18.35	18.43	18.45	18.48	18.39	20	0
5	64QAM	12	7	18.34	18.46	18.38	18.49	18.32		
5	64QAM	12	13	18.39	18.45	18.30	18.41	18.39		
5	64QAM	25	0	18.36	18.41	18.40	18.49	18.41		
5	256QAM	1	0	18.03	18.17	18.07	18.21	18.16	20	0
5	256QAM	1	12	18.08	18.19	18.07	18.15	18.11		
5	256QAM	1	24	18.01	18.01	18.08	18.13	18.16		
5	256QAM	12	0	18.22	18.33	18.07	18.37	18.21	20	0
5	256QAM	12	7	18.10	18.34	18.20	18.38	18.27		
5	256QAM	12	13	18.23	18.35	18.26	18.42	18.30		
5	256QAM	25	0	18.23	18.34	18.28	18.29	18.19		

Band 41_Ant 3_Other PA

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	16.75	16.99	16.72	16.96	16.78	18	0
20	QPSK	1	49	16.60	16.89	16.70	16.87	16.76		
20	QPSK	1	99	16.73	16.94	16.51	16.88	16.51		
20	QPSK	50	0	16.62	16.75	16.46	16.72	16.44	18	0
20	QPSK	50	24	16.47	16.65	16.37	16.60	16.36		
20	QPSK	50	50	16.52	16.69	16.40	16.67	16.36		
20	QPSK	100	0	16.62	16.70	16.39	16.68	16.36		
20	16QAM	1	0	16.38	16.62	16.36	16.69	16.25	18	0
20	16QAM	1	49	16.55	16.57	16.34	16.56	16.25		
20	16QAM	1	99	16.56	16.49	16.25	16.49	16.32		
20	16QAM	50	0	16.53	16.61	16.29	16.61	16.28	18	0
20	16QAM	50	24	16.54	16.65	16.41	16.71	16.43		
20	16QAM	50	50	16.62	16.72	16.42	16.72	16.33		
20	16QAM	100	0	16.51	16.67	16.35	16.66	16.36		
20	64QAM	1	0	16.18	16.29	16.00	16.31	16.07	18	0
20	64QAM	1	49	16.31	16.40	16.07	16.34	16.01		
20	64QAM	1	99	16.26	16.47	16.03	16.45	16.00		
20	64QAM	50	0	16.51	16.64	16.35	16.63	16.37	18	0
20	64QAM	50	24	16.50	16.60	16.31	16.63	16.32		
20	64QAM	50	50	16.63	16.67	16.44	16.75	16.39		
20	64QAM	100	0	16.58	16.69	16.35	16.75	16.31		
20	256QAM	1	0	16.19	16.20	16.18	16.13	16.14	18	0
20	256QAM	1	49	16.21	16.16	16.14	16.12	16.14		
20	256QAM	1	99	16.09	16.13	16.21	16.12	16.17		
20	256QAM	50	0	16.35	16.33	16.30	16.38	16.28	18	0
20	256QAM	50	24	16.20	16.34	16.30	16.36	16.28		
20	256QAM	50	50	16.53	16.36	16.35	16.41	16.36		
20	256QAM	100	0	16.28	16.31	16.33	16.32	16.39		
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	16.67	16.84	16.60	16.83	16.69	18	0
15	QPSK	1	37	16.55	16.80	16.64	16.80	16.63		
15	QPSK	1	74	16.57	16.85	16.43	16.82	16.42		
15	QPSK	36	0	16.57	16.53	16.36	16.57	16.30	18	0
15	QPSK	36	20	16.35	16.52	16.27	16.47	16.31		
15	QPSK	36	39	16.43	16.55	16.34	16.55	16.26		
15	QPSK	75	0	16.46	16.59	16.28	16.61	16.30		
15	16QAM	1	0	16.31	16.52	16.21	16.61	16.17	18	0
15	16QAM	1	37	16.49	16.41	16.23	16.49	16.10		
15	16QAM	1	74	16.50	16.37	16.11	16.37	16.23		
15	16QAM	36	0	16.44	16.56	16.16	16.52	16.18	18	0
15	16QAM	36	20	16.48	16.55	16.25	16.64	16.35		
15	16QAM	36	39	16.52	16.58	16.27	16.66	16.26		
15	16QAM	75	0	16.39	16.51	16.20	16.56	16.21		
15	64QAM	1	0	16.03	16.19	16.02	16.24	16.06	18	0
15	64QAM	1	37	16.22	16.28	16.00	16.22	16.05		
15	64QAM	1	74	16.16	16.32	16.04	16.29	16.08		
15	64QAM	36	0	16.42	16.58	16.22	16.52	16.25	18	0
15	64QAM	36	20	16.38	16.49	16.21	16.51	16.20		
15	64QAM	36	39	16.51	16.58	16.29	16.69	16.34		
15	64QAM	75	0	16.50	16.64	16.25	16.64	16.22		
15	256QAM	1	0	16.14	16.13	16.04	16.08	16.02	18	0
15	256QAM	1	37	16.07	16.02	16.00	16.02	16.08		
15	256QAM	1	74	16.04	16.06	16.11	16.04	16.09		
15	256QAM	36	0	16.29	16.18	16.15	16.22	16.16	18	0
15	256QAM	36	20	16.12	16.20	16.25	16.25	16.17		
15	256QAM	36	39	16.47	16.31	16.29	16.25	16.30		
15	256QAM	75	0	16.14	16.21	16.27	16.25	16.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.70	16.77	16.54	16.89	16.62	18	0
10	QPSK	1	25	16.51	16.82	16.54	16.81	16.63		
10	QPSK	1	49	16.58	16.89	16.46	16.76	16.36		
10	QPSK	25	0	16.50	16.58	16.37	16.64	16.29	18	0
10	QPSK	25	12	16.37	16.60	16.26	16.54	16.29		
10	QPSK	25	25	16.47	16.57	16.25	16.60	16.31		
10	QPSK	50	0	16.49	16.58	16.30	16.55	16.23		
10	16QAM	1	0	16.33	16.51	16.26	16.61	16.13	18	0
10	16QAM	1	25	16.45	16.50	16.24	16.41	16.11		
10	16QAM	1	49	16.50	16.41	16.15	16.34	16.26		
10	16QAM	25	0	16.43	16.53	16.23	16.54	16.18	18	0
10	16QAM	25	12	16.38	16.52	16.35	16.59	16.28		
10	16QAM	25	25	16.57	16.67	16.28	16.65	16.26		
10	16QAM	50	0	16.36	16.60	16.24	16.52	16.21		
10	64QAM	1	0	16.11	16.17	16.03	16.24	16.07	18	0
10	64QAM	1	25	16.19	16.30	16.07	16.26	16.03		
10	64QAM	1	49	16.11	16.34	16.05	16.36	16.05		
10	64QAM	25	0	16.40	16.53	16.29	16.57	16.22	18	0
10	64QAM	25	12	16.45	16.45	16.19	16.48	16.26		
10	64QAM	25	25	16.55	16.54	16.38	16.64	16.29		
10	64QAM	50	0	16.49	16.57	16.19	16.60	16.25		
10	256QAM	1	0	16.13	16.04	16.02	16.05	16.06	18	0
10	256QAM	1	25	16.08	16.01	16.04	16.07	16.03		
10	256QAM	1	49	16.01	16.08	16.11	16.07	16.11		
10	256QAM	25	0	16.22	16.17	16.15	16.23	16.23	18	0
10	256QAM	25	12	16.05	16.29	16.25	16.24	16.16		
10	256QAM	25	25	16.37	16.29	16.22	16.29	16.20		
10	256QAM	50	0	16.23	16.26	16.22	16.22	16.34		
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	16.61	16.82	16.54	16.83	16.62	18	0
5	QPSK	1	12	16.45	16.78	16.55	16.78	16.60		
5	QPSK	1	24	16.64	16.80	16.37	16.74	16.44		
5	QPSK	12	0	16.47	16.53	16.35	16.61	16.31	18	0
5	QPSK	12	7	16.33	16.56	16.24	16.55	16.25		
5	QPSK	12	13	16.44	16.62	16.28	16.51	16.22		
5	QPSK	25	0	16.53	16.59	16.29	16.56	16.31		
5	16QAM	1	0	16.23	16.52	16.26	16.62	16.10	18	0
5	16QAM	1	12	16.40	16.43	16.28	16.49	16.14		
5	16QAM	1	24	16.44	16.41	16.15	16.42	16.21		
5	16QAM	12	0	16.42	16.48	16.19	16.55	16.17	18	0
5	16QAM	12	7	16.38	16.50	16.35	16.58	16.32		
5	16QAM	12	13	16.54	16.61	16.33	16.60	16.25		
5	16QAM	25	0	16.39	16.54	16.26	16.50	16.22		
5	64QAM	1	0	16.03	16.18	16.02	16.21	16.01	18	0
5	64QAM	1	12	16.20	16.34	16.02	16.23	16.00		
5	64QAM	1	24	16.16	16.33	16.08	16.37	16.03		
5	64QAM	12	0	16.38	16.48	16.20	16.55	16.26	18	0
5	64QAM	12	7	16.40	16.55	16.17	16.49	16.20		
5	64QAM	12	13	16.49	16.55	16.30	16.60	16.25		
5	64QAM	25	0	16.47	16.55	16.26	16.69	16.26		
5	256QAM	1	0	16.09	16.12	16.12	16.07	16.09	18	0
5	256QAM	1	12	16.11	16.03	16.02	16.03	16.08		
5	256QAM	1	24	16.03	16.07	16.08	16.03	16.05		
5	256QAM	12	0	16.29	16.17	16.25	16.22	16.20	18	0
5	256QAM	12	7	16.08	16.26	16.23	16.27	16.15		
5	256QAM	12	13	16.48	16.20	16.29	16.35	16.22		
5	256QAM	25	0	16.18	16.19	16.17	16.21	16.32		

n66_Ant 4_Other PA

BW [MHz]	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	17.92	18.07	17.96	19.5	0.0
40	PI/2 BPSK	1	108	17.94	18.15	18.14		
40	PI/2 BPSK	1	214	18.01	18.14	17.95		
40	PI/2 BPSK	108	0	18.06	18.15	17.93	19.5	0.0
40	PI/2 BPSK	108	54	18.05	18.18	18.12	19.5	0.0
40	PI/2 BPSK	108	108	17.85	17.95	17.92	19.5	0.0
40	PI/2 BPSK	216	0	17.89	18.05	17.95		
40	QPSK	1	1	17.99	18.18	18.05	19.5	0.0
40	QPSK	1	108	17.96	18.12	18.02		
40	QPSK	1	214	17.93	18.12	18.04		
40	QPSK	108	0	17.89	18.06	17.90	19.5	0.0
40	QPSK	108	54	17.97	18.09	18.01	19.5	0.0
40	QPSK	108	108	17.92	17.88	17.85	19.5	0.0
40	QPSK	216	0	17.82	17.99	17.98		
40	16QAM	1	1	17.79	18.05	17.82	19.5	0.0
40	64QAM	1	1	18.05	18.15	17.97	19.5	0.0
40	256QAM	1	1	17.98	18.04	17.99	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.91	18.10	17.90	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.91	18.08	17.93	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.90	18.02	17.89	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.91	18.12	17.89	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.85	18.09	17.93	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.92	18.09	17.89	19.5	0.0

n66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.63	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.63	23.41	23.38		
40	PI/2 BPSK	1	214	23.62	23.44	23.49		
40	PI/2 BPSK	108	0	23.07	22.97	23.01	24.5	0.5
40	PI/2 BPSK	108	54	23.75	23.55	23.66	25.0	0.0
40	PI/2 BPSK	108	108	23.14	22.97	23.00	24.5	0.5
40	PI/2 BPSK	216	0	23.17	23.04	23.12		
40	QPSK	1	1	23.82	23.96	23.85	25.0	0.0
40	QPSK	1	108	23.80	23.89	23.84		
40	QPSK	1	214	23.68	23.75	23.52		
40	QPSK	108	0	22.50	22.59	22.58	24.0	1.0
40	QPSK	108	54	23.63	23.65	23.47	25.0	0.0
40	QPSK	108	108	22.54	22.71	22.37	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.43		
40	16QAM	1	1	22.29	22.20	22.20	24.0	1.0
40	64QAM	1	1	20.98	20.80	20.92	22.5	2.5
40	256QAM	1	1	19.59	19.41	19.43	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.67	23.86	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	23.65	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.76	23.84	25.0	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	23.66	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.76	23.87	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.87	23.73	23.83	25.0	0.0

n66_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.21	19.36	19.06	20.5	0.0
40	PI/2 BPSK	1	108	19.24	19.19	19.10		
40	PI/2 BPSK	1	214	19.29	19.30	19.11		
40	PI/2 BPSK	108	0	19.17	19.22	19.14	20.5	0.0
40	PI/2 BPSK	108	54	19.22	19.27	19.16	20.5	0.0
40	PI/2 BPSK	108	108	19.23	19.29	19.12	20.5	0.0
40	PI/2 BPSK	216	0	19.15	19.27	19.13		
40	QPSK	1	1	19.32	19.38	19.19	20.5	0.0
40	QPSK	1	108	19.27	19.35	19.10		
40	QPSK	1	214	19.22	19.36	19.09		
40	QPSK	108	0	19.20	19.18	19.07	20.5	0.0
40	QPSK	108	54	19.23	19.28	19.12	20.5	0.0
40	QPSK	108	108	19.13	19.10	18.98	20.5	0.0
40	QPSK	216	0	19.27	19.29	19.18		
40	16QAM	1	1	19.29	19.30	19.13	20.5	0.0
40	64QAM	1	1	19.26	19.29	19.09	20.5	0.0
40	256QAM	1	1	19.16	19.29	19.13	20.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.21	19.24	19.19	20.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.18	19.18	19.21	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.19	19.28	19.18	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.18	19.28	19.22	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.22	19.19	19.13	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.17	19.22	19.16	20.5	0.0

n66_Ant 3_Other PA

BW [MHz]	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	17.56	17.64	17.52	19.5	0.0
40	PI/2 BPSK	1	108	17.54	17.62	17.52		
40	PI/2 BPSK	1	214	17.58	17.74	17.50		
40	PI/2 BPSK	108	0	17.61	17.65	17.67	19.5	0.0
40	PI/2 BPSK	108	54	17.63	17.74	17.58	19.5	0.0
40	PI/2 BPSK	108	108	17.55	17.70	17.58	19.5	0.0
40	PI/2 BPSK	216	0	17.64	17.63	17.58		
40	QPSK	1	1	17.66	17.78	17.65	19.5	0.0
40	QPSK	1	108	17.56	17.72	17.53		
40	QPSK	1	214	17.60	17.67	17.62		
40	QPSK	108	0	17.57	17.74	17.55	19.5	0.0
40	QPSK	108	54	17.63	17.76	17.65	19.5	0.0
40	QPSK	108	108	17.61	17.72	17.59	19.5	0.0
40	QPSK	216	0	17.53	17.62	17.59		
40	16QAM	1	1	17.60	17.65	17.64	19.5	0.0
40	64QAM	1	1	17.66	17.62	17.59	19.5	0.0
40	256QAM	1	1	17.69	17.68	17.64	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.62	17.67	17.55	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.65	17.71	17.55	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.63	17.70	17.55	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.66	17.75	17.59	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.61	17.72	17.55	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.64	17.70	17.55	19.5	0.0

Reduced Power Mode for Other PA ECI3

Band 2_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.38	21.47	21.35	22.5	0
20	QPSK	1	49	21.31	21.34	21.33		
20	QPSK	1	99	21.35	21.25	21.20		
20	QPSK	50	0	21.17	21.29	20.99	22.5	0
20	QPSK	50	24	21.16	21.06	20.98		
20	QPSK	50	50	21.05	21.03	20.83		
20	QPSK	100	0	21.07	21.15	20.91		
20	16QAM	1	0	21.16	21.25	21.17	22.5	0
20	16QAM	1	49	21.19	21.09	21.02		
20	16QAM	1	99	21.20	21.18	21.11		
20	16QAM	50	0	20.78	20.85	20.67	22	0.5
20	16QAM	50	24	20.83	20.76	20.72		
20	16QAM	50	50	20.71	20.67	20.66		
20	16QAM	100	0	20.85	20.76	20.58		
20	64QAM	1	0	20.86	20.86	20.89	22	0.5
20	64QAM	1	49	20.91	20.86	20.75		
20	64QAM	1	99	20.98	20.75	20.74		
20	64QAM	50	0	19.84	19.80	19.70	21	1.5
20	64QAM	50	24	19.79	19.68	19.68		
20	64QAM	50	50	19.78	19.72	19.61		
20	64QAM	100	0	19.89	19.77	19.54		
20	256QAM	1	0	17.92	17.95	17.88	19	3.5
20	256QAM	1	49	17.98	17.95	18.04		
20	256QAM	1	99	17.99	17.85	17.84		
20	256QAM	50	0	17.70	17.88	17.87	19	3.5
20	256QAM	50	24	17.66	17.66	17.81		
20	256QAM	50	50	17.71	17.72	17.71		
20	256QAM	100	0	17.71	17.86	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.23	21.40	21.20	22.5	0
15	QPSK	1	37	21.16	21.23	21.27		
15	QPSK	1	74	21.22	21.09	21.10		
15	QPSK	36	0	21.05	21.23	20.90	22.5	0
15	QPSK	36	20	21.11	21.01	20.83		
15	QPSK	36	39	20.95	20.91	20.71		
15	QPSK	75	0	20.96	21.01	20.78		
15	16QAM	1	0	21.10	21.20	21.02	22.5	0
15	16QAM	1	37	21.11	20.99	20.91		
15	16QAM	1	74	21.08	21.04	21.05		
15	16QAM	36	0	20.66	20.74	20.58	22	0.5
15	16QAM	36	20	20.75	20.62	20.67		
15	16QAM	36	39	20.58	20.52	20.50		
15	16QAM	75	0	20.72	20.70	20.52		
15	64QAM	1	0	20.74	20.78	20.75	22	0.5
15	64QAM	1	37	20.79	20.71	20.67		
15	64QAM	1	74	20.89	20.61	20.59		
15	64QAM	36	0	19.68	19.67	19.60	21	1.5
15	64QAM	36	20	19.64	19.60	19.52		
15	64QAM	36	39	19.72	19.64	19.46		
15	64QAM	75	0	19.78	19.61	19.46		
15	256QAM	1	0	17.83	17.84	17.79	19	3.5
15	256QAM	1	37	17.91	17.90	17.91		
15	256QAM	1	74	17.92	17.75	17.68		
15	256QAM	36	0	17.59	17.80	17.79	19	3.5
15	256QAM	36	20	17.55	17.61	17.75		
15	256QAM	36	39	17.55	17.63	17.63		
15	256QAM	75	0	17.60	17.78	17.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.28	21.36	21.19	22.5	0
10	QPSK	1	25	21.20	21.19	21.20		
10	QPSK	1	49	21.28	21.19	21.06		
10	QPSK	25	0	21.11	21.18	20.92	22.5	0
10	QPSK	25	12	21.02	20.98	20.88		
10	QPSK	25	25	21.00	20.93	20.70		
10	QPSK	50	0	20.97	21.06	20.83		
10	16QAM	1	0	21.02	21.18	21.08	22.5	0
10	16QAM	1	25	21.14	20.99	20.89		
10	16QAM	1	49	21.09	21.11	21.02		
10	16QAM	25	0	20.70	20.73	20.61	22	0.5
10	16QAM	25	12	20.72	20.71	20.60		
10	16QAM	25	25	20.65	20.62	20.53		
10	16QAM	50	0	20.72	20.65	20.43		
10	64QAM	1	0	20.71	20.80	20.75	22	0.5
10	64QAM	1	25	20.85	20.76	20.67		
10	64QAM	1	49	20.84	20.63	20.69		
10	64QAM	25	0	19.75	19.71	19.55	21	1.5
10	64QAM	25	12	19.68	19.60	19.54		
10	64QAM	25	25	19.67	19.61	19.56		
10	64QAM	50	0	19.74	19.64	19.38		
10	256QAM	1	0	17.87	17.88	17.79	19	3.5
10	256QAM	1	25	17.93	17.90	17.89		
10	256QAM	1	49	17.88	17.78	17.70		
10	256QAM	25	0	17.57	17.72	17.76	19	3.5
10	256QAM	25	12	17.60	17.60	17.71		
10	256QAM	25	25	17.63	17.59	17.59		
10	256QAM	50	0	17.60	17.79	17.43		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.33	21.40	21.17	22.5	0
5	QPSK	1	12	21.24	21.26	21.23		
5	QPSK	1	24	21.24	21.15	21.15		
5	QPSK	12	0	21.10	21.21	20.87	22.5	0
5	QPSK	12	7	21.02	21.00	20.84		
5	QPSK	12	13	20.94	20.93	20.72		
5	QPSK	25	0	20.94	21.00	20.85		
5	16QAM	1	0	21.11	21.13	21.01	22.5	0
5	16QAM	1	12	21.14	20.94	20.96		
5	16QAM	1	24	21.13	21.03	21.05		
5	16QAM	12	0	20.73	20.77	20.57	22	0.5
5	16QAM	12	7	20.78	20.68	20.58		
5	16QAM	12	13	20.62	20.60	20.59		
5	16QAM	25	0	20.79	20.65	20.52		
5	64QAM	1	0	20.74	20.80	20.82	22	0.5
5	64QAM	1	12	20.78	20.72	20.69		
5	64QAM	1	24	20.83	20.65	20.59		
5	64QAM	12	0	19.69	19.69	19.55	21	1.5
5	64QAM	12	7	19.68	19.59	19.59		
5	64QAM	12	13	19.69	19.64	19.53		
5	64QAM	25	0	19.76	19.62	19.40		
5	256QAM	1	0	17.76	17.82	17.80	19	3.5
5	256QAM	1	12	17.85	17.84	17.99		
5	256QAM	1	24	17.92	17.80	17.75		
5	256QAM	12	0	17.57	17.72	17.74	19	3.5
5	256QAM	12	7	17.53	17.50	17.66		
5	256QAM	12	13	17.61	17.65	17.59		
5	256QAM	25	0	17.65	17.71	17.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.28	21.35	21.18	22.5	0
3	QPSK	1	8	21.15	21.20	21.22		
3	QPSK	1	14	21.20	21.20	21.12		
3	QPSK	8	0	21.00	21.16	20.84	22.5	0
3	QPSK	8	4	21.09	21.01	20.85		
3	QPSK	8	7	20.95	20.94	20.70		
3	QPSK	15	0	20.93	21.05	20.77		
3	16QAM	1	0	21.11	21.15	21.12	22.5	0
3	16QAM	1	8	21.11	20.96	20.92		
3	16QAM	1	14	21.15	21.10	21.02		
3	16QAM	8	0	20.62	20.74	20.57	22	0.5
3	16QAM	8	4	20.78	20.63	20.60		
3	16QAM	8	7	20.61	20.52	20.51		
3	16QAM	15	0	20.77	20.64	20.52		
3	64QAM	1	0	20.75	20.77	20.73	22	0.5
3	64QAM	1	8	20.79	20.70	20.63		
3	64QAM	1	14	20.90	20.67	20.62		
3	64QAM	8	0	19.72	19.71	19.59	21	1.5
3	64QAM	8	4	19.69	19.57	19.60		
3	64QAM	8	7	19.72	19.59	19.47		
3	64QAM	15	0	19.77	19.71	19.45		
3	256QAM	1	0	17.85	17.81	17.81	19	3.5
3	256QAM	1	8	17.90	17.79	17.97		
3	256QAM	1	14	17.91	17.69	17.69		
3	256QAM	8	0	17.58	17.77	17.77	19	3.5
3	256QAM	8	4	17.52	17.57	17.71		
3	256QAM	8	7	17.55	17.56	17.56		
3	256QAM	15	0	17.57	17.78	17.52		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.26	21.37	21.26	22.5	0
1.4	QPSK	1	3	21.22	21.24	21.19		
1.4	QPSK	1	5	21.22	21.16	21.14		
1.4	QPSK	3	0	21.04	21.19	20.82		
1.4	QPSK	3	1	21.07	20.99	20.91		
1.4	QPSK	3	3	20.93	20.90	20.74		
1.4	QPSK	6	0	20.99	20.99	20.79	22.5	0
1.4	16QAM	1	0	21.03	21.18	21.10	22.5	0
1.4	16QAM	1	3	21.05	20.93	20.91		
1.4	16QAM	1	5	21.15	21.09	20.95		
1.4	16QAM	3	0	20.65	20.78	20.61		
1.4	16QAM	3	1	20.68	20.69	20.64		
1.4	16QAM	3	3	20.64	20.58	20.61		
1.4	16QAM	6	0	20.69	20.61	20.47	22	0.5
1.4	64QAM	1	0	20.78	20.78	20.82	22	0.5
1.4	64QAM	1	3	20.83	20.70	20.60		
1.4	64QAM	1	5	20.91	20.61	20.68		
1.4	64QAM	3	0	20.78	20.79	20.82		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.86	20.68	20.59		
1.4	64QAM	6	0	19.75	19.70	19.48	21	1.5
1.4	256QAM	1	0	17.84	17.79	17.82	19	3.5
1.4	256QAM	1	3	17.87	17.82	17.99		
1.4	256QAM	1	5	17.91	17.73	17.74		
1.4	256QAM	3	0	17.64	17.76	17.71		
1.4	256QAM	3	1	17.60	17.60	17.65		
1.4	256QAM	3	3	17.58	17.66	17.62		
1.4	256QAM	6	0	17.61	17.81	17.54	19	3.5

Band 2_Ant 2_Other PA

BW [MHz]	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	22.39	22.67	22.66	24	0
20	QPSK	1	49	22.34	22.40	22.59		
20	QPSK	1	99	22.16	22.55	22.65		
20	QPSK	50	0	22.26	22.57	22.49	24	0
20	QPSK	50	24	22.19	22.54	22.35		
20	QPSK	50	50	22.16	22.40	22.48		
20	QPSK	100	0	22.28	22.50	22.30		
20	16QAM	1	0	22.40	22.66	22.55	24	0
20	16QAM	1	49	22.48	22.57	22.50		
20	16QAM	1	99	22.35	22.37	22.49		
20	16QAM	50	0	21.66	21.71	21.63	23	1
20	16QAM	50	24	21.58	21.63	21.63		
20	16QAM	50	50	21.54	21.54	21.56		
20	16QAM	100	0	21.53	21.60	21.56		
20	64QAM	1	0	21.66	21.83	21.72	23	1
20	64QAM	1	49	21.76	21.81	21.66		
20	64QAM	1	99	21.62	21.66	21.70		
20	64QAM	50	0	20.66	20.64	20.67	22	2
20	64QAM	50	24	20.59	20.67	20.54		
20	64QAM	50	50	20.56	20.55	20.60		
20	64QAM	100	0	20.60	20.63	20.61		
20	256QAM	1	0	18.78	18.71	18.75	20	4
20	256QAM	1	49	18.59	18.65	18.66		
20	256QAM	1	99	18.58	18.57	18.62		
20	256QAM	50	0	18.66	18.45	18.46	20	4
20	256QAM	50	24	18.45	18.46	18.66		
20	256QAM	50	50	18.47	18.53	18.45		
20	256QAM	100	0	18.40	18.45	18.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.23	22.58	22.55	24	0
15	QPSK	1	37	22.25	22.30	22.53		
15	QPSK	1	74	22.02	22.50	22.55		
15	QPSK	36	0	22.21	22.51	22.39	24	0
15	QPSK	36	20	22.05	22.49	22.27		
15	QPSK	36	39	22.05	22.30	22.41		
15	QPSK	75	0	22.12	22.40	22.24		
15	16QAM	1	0	22.25	22.54	22.47	24	0
15	16QAM	1	37	22.38	22.49	22.36		
15	16QAM	1	74	22.26	22.30	22.35		
15	16QAM	36	0	21.60	21.55	21.54	23	1
15	16QAM	36	20	21.45	21.49	21.49		
15	16QAM	36	39	21.46	21.45	21.44		
15	16QAM	75	0	21.41	21.49	21.44		
15	64QAM	1	0	21.51	21.69	21.67	23	1
15	64QAM	1	37	21.70	21.68	21.57		
15	64QAM	1	74	21.54	21.50	21.63		
15	64QAM	36	0	20.61	20.49	20.57	22	2
15	64QAM	36	20	20.44	20.58	20.38		
15	64QAM	36	39	20.40	20.48	20.48		
15	64QAM	75	0	20.52	20.48	20.52		
15	256QAM	1	0	18.63	18.65	18.62	20	4
15	256QAM	1	37	18.50	18.59	18.57		
15	256QAM	1	74	18.49	18.46	18.53		
15	256QAM	36	0	18.56	18.33	18.33	20	4
15	256QAM	36	20	18.37	18.39	18.54		
15	256QAM	36	39	18.33	18.43	18.39		
15	256QAM	75	0	18.31	18.40	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.29	22.54	22.49	24	0
10	QPSK	1	25	22.20	22.27	22.48		
10	QPSK	1	49	22.10	22.39	22.50		
10	QPSK	25	0	22.16	22.41	22.30	24	0
10	QPSK	25	12	22.06	22.39	22.20		
10	QPSK	25	25	22.07	22.33	22.32		
10	QPSK	50	0	22.20	22.36	22.25		
10	16QAM	1	0	22.33	22.54	22.41	24	0
10	16QAM	1	25	22.41	22.43	22.44		
10	16QAM	1	49	22.24	22.30	22.35		
10	16QAM	25	0	21.61	21.57	21.47	23	1
10	16QAM	25	12	21.47	21.53	21.49		
10	16QAM	25	25	21.43	21.41	21.50		
10	16QAM	50	0	21.44	21.55	21.51		
10	64QAM	1	0	21.54	21.67	21.67	23	1
10	64QAM	1	25	21.61	21.70	21.50		
10	64QAM	1	49	21.56	21.53	21.57		
10	64QAM	25	0	20.55	20.58	20.58	22	2
10	64QAM	25	12	20.43	20.51	20.47		
10	64QAM	25	25	20.49	20.43	20.47		
10	64QAM	50	0	20.54	20.56	20.53		
10	256QAM	1	0	18.73	18.65	18.64	20	4
10	256QAM	1	25	18.49	18.51	18.57		
10	256QAM	1	49	18.42	18.45	18.49		
10	256QAM	25	0	18.55	18.33	18.31	20	4
10	256QAM	25	12	18.38	18.31	18.58		
10	256QAM	25	25	18.42	18.42	18.37		
10	256QAM	50	0	18.29	18.30	18.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.57	22.54	24	0
5	QPSK	1	12	22.24	22.30	22.43		
5	QPSK	1	24	22.04	22.47	22.51		
5	QPSK	12	0	22.17	22.49	22.29	24	0
5	QPSK	12	7	22.09	22.40	22.21		
5	QPSK	12	13	22.03	22.35	22.43		
5	QPSK	25	0	22.18	22.36	22.25		
5	16QAM	1	0	22.28	22.52	22.50	24	0
5	16QAM	1	12	22.32	22.47	22.35		
5	16QAM	1	24	22.29	22.27	22.34		
5	16QAM	12	0	21.60	21.56	21.53	23	1
5	16QAM	12	7	21.52	21.55	21.49		
5	16QAM	12	13	21.49	21.48	21.47		
5	16QAM	25	0	21.40	21.46	21.42		
5	64QAM	1	0	21.61	21.70	21.62	23	1
5	64QAM	1	12	21.62	21.73	21.52		
5	64QAM	1	24	21.53	21.59	21.60		
5	64QAM	12	0	20.59	20.54	20.57	22	2
5	64QAM	12	7	20.49	20.62	20.40		
5	64QAM	12	13	20.46	20.39	20.50		
5	64QAM	25	0	20.53	20.58	20.45		
5	256QAM	1	0	18.72	18.61	18.67	20	4
5	256QAM	1	12	18.49	18.51	18.58		
5	256QAM	1	24	18.53	18.52	18.56		
5	256QAM	12	0	18.53	18.32	18.36	20	4
5	256QAM	12	7	18.29	18.34	18.54		
5	256QAM	12	13	18.38	18.45	18.37		
5	256QAM	25	0	18.33	18.30	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.30	22.49	22.54	24	0
3	QPSK	1	8	22.24	22.33	22.43		
3	QPSK	1	14	22.03	22.47	22.60		
3	QPSK	8	0	22.12	22.45	22.33	24	0
3	QPSK	8	4	22.05	22.42	22.30		
3	QPSK	8	7	22.07	22.35	22.36		
3	QPSK	15	0	22.16	22.36	22.15		
3	16QAM	1	0	22.32	22.55	22.45	24	0
3	16QAM	1	8	22.41	22.44	22.37		
3	16QAM	1	14	22.27	22.25	22.40		
3	16QAM	8	0	21.52	21.58	21.58	23	1
3	16QAM	8	4	21.49	21.57	21.53		
3	16QAM	8	7	21.45	21.41	21.50		
3	16QAM	15	0	21.37	21.54	21.45		
3	64QAM	1	0	21.56	21.78	21.56	23	1
3	64QAM	1	8	21.62	21.67	21.60		
3	64QAM	1	14	21.52	21.53	21.58		
3	64QAM	8	0	20.52	20.55	20.56	22	2
3	64QAM	8	4	20.47	20.52	20.49		
3	64QAM	8	7	20.43	20.45	20.50		
3	64QAM	15	0	20.51	20.51	20.50		
3	256QAM	1	0	18.69	18.57	18.64	20	4
3	256QAM	1	8	18.53	18.51	18.52		
3	256QAM	1	14	18.53	18.47	18.53		
3	256QAM	8	0	18.55	18.29	18.36	20	4
3	256QAM	8	4	18.40	18.37	18.50		
3	256QAM	8	7	18.31	18.40	18.29		
3	256QAM	15	0	18.29	18.30	18.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.25	22.52	22.53	24	0
1.4	QPSK	1	3	22.29	22.34	22.52		
1.4	QPSK	1	5	22.03	22.46	22.58		
1.4	QPSK	3	0	22.13	22.47	22.33		
1.4	QPSK	3	1	22.12	22.38	22.29		
1.4	QPSK	3	3	22.08	22.26	22.39		
1.4	QPSK	6	0	22.22	22.41	22.16	24	0
1.4	16QAM	1	0	22.28	22.54	22.42	24	0
1.4	16QAM	1	3	22.37	22.42	22.34		
1.4	16QAM	1	5	22.19	22.21	22.34		
1.4	16QAM	3	0	22.11	22.49	22.53		
1.4	16QAM	3	1	22.18	22.51	22.40		
1.4	16QAM	3	3	22.06	22.41	22.20		
1.4	16QAM	6	0	21.37	21.47	21.41	23	1
1.4	64QAM	1	0	21.54	21.68	21.64	23	1
1.4	64QAM	1	3	21.61	21.73	21.59		
1.4	64QAM	1	5	21.55	21.59	21.60		
1.4	64QAM	3	0	21.46	21.53	21.58		
1.4	64QAM	3	1	21.39	21.44	21.47		
1.4	64QAM	3	3	21.37	21.47	21.43		
1.4	64QAM	6	0	20.44	20.53	20.53	22	2
1.4	256QAM	1	0	18.71	18.58	18.68	20	4
1.4	256QAM	1	3	18.43	18.50	18.57		
1.4	256QAM	1	5	18.53	18.51	18.56		
1.4	256QAM	3	0	18.61	18.34	18.39		
1.4	256QAM	3	1	18.34	18.31	18.59		
1.4	256QAM	3	3	18.33	18.46	18.39		
1.4	256QAM	6	0	18.34	18.33	18.57	20	4

Band 2_Ant 5_Other PA

BW [MHz]	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	22.73	22.79	22.75	24	0
20	QPSK	1	49	22.71	22.59	22.61		
20	QPSK	1	99	22.67	22.63	22.66		
20	QPSK	50	0	22.56	22.68	22.54	24	0
20	QPSK	50	24	22.50	22.50	22.46		
20	QPSK	50	50	22.55	22.46	22.34		
20	QPSK	100	0	22.44	22.53	22.38		
20	16QAM	1	0	22.64	22.61	22.54	24	0
20	16QAM	1	49	22.63	22.58	22.51		
20	16QAM	1	99	22.64	22.43	22.58		
20	16QAM	50	0	22.20	22.27	22.12	23.5	0.5
20	16QAM	50	24	22.28	22.18	22.05		
20	16QAM	50	50	22.14	22.03	22.16		
20	16QAM	100	0	22.32	22.23	22.09		
20	64QAM	1	0	22.39	22.49	22.37	23.5	0.5
20	64QAM	1	49	22.37	22.38	22.38		
20	64QAM	1	99	22.39	22.17	22.26		
20	64QAM	50	0	21.26	21.14	21.15	22.5	1.5
20	64QAM	50	24	21.19	21.17	21.22		
20	64QAM	50	50	21.20	21.16	21.17		
20	64QAM	100	0	21.27	21.09	21.15		
20	256QAM	1	0	19.09	19.23	19.29	20.5	3.5
20	256QAM	1	49	19.13	19.20	19.04		
20	256QAM	1	99	19.12	19.18	19.19		
20	256QAM	50	0	19.11	19.08	19.06	20.5	3.5
20	256QAM	50	24	19.05	19.01	19.04		
20	256QAM	50	50	19.01	19.05	18.96		
20	256QAM	100	0	19.15	19.04	19.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.71	22.64	24	0
15	QPSK	1	37	22.64	22.44	22.50		
15	QPSK	1	74	22.54	22.55	22.59		
15	QPSK	36	0	22.45	22.56	22.45	24	0
15	QPSK	36	20	22.34	22.39	22.33		
15	QPSK	36	39	22.42	22.37	22.24		
15	QPSK	75	0	22.28	22.41	22.29		
15	16QAM	1	0	22.52	22.49	22.48	24	0
15	16QAM	1	37	22.51	22.44	22.41		
15	16QAM	1	74	22.57	22.33	22.42		
15	16QAM	36	0	22.11	22.17	22.02	23.5	0.5
15	16QAM	36	20	22.17	22.04	21.95		
15	16QAM	36	39	22.07	21.90	22.07		
15	16QAM	75	0	22.16	22.11	22.02		
15	64QAM	1	0	22.30	22.43	22.22	23.5	0.5
15	64QAM	1	37	22.22	22.24	22.29		
15	64QAM	1	74	22.24	22.11	22.12		
15	64QAM	36	0	21.19	21.04	21.10	22.5	1.5
15	64QAM	36	20	21.09	21.11	21.10		
15	64QAM	36	39	21.13	21.06	21.07		
15	64QAM	75	0	21.19	20.93	21.07		
15	256QAM	1	0	18.93	19.17	19.18	20.5	3.5
15	256QAM	1	37	18.97	19.08	18.93		
15	256QAM	1	74	19.01	19.03	19.13		
15	256QAM	36	0	18.98	18.92	18.90	20.5	3.5
15	256QAM	36	20	18.93	18.96	18.91		
15	256QAM	36	39	18.86	18.96	18.83		
15	256QAM	75	0	19.04	18.94	18.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.67	22.67	22.66	24	0
10	QPSK	1	25	22.65	22.51	22.50		
10	QPSK	1	49	22.54	22.54	22.52		
10	QPSK	25	0	22.47	22.60	22.48	24	0
10	QPSK	25	12	22.34	22.37	22.33		
10	QPSK	25	25	22.50	22.41	22.26		
10	QPSK	50	0	22.34	22.43	22.29		
10	16QAM	1	0	22.59	22.56	22.40	24	0
10	16QAM	1	25	22.56	22.49	22.44		
10	16QAM	1	49	22.56	22.35	22.42		
10	16QAM	25	0	22.10	22.19	21.97	23.5	0.5
10	16QAM	25	12	22.17	22.12	21.93		
10	16QAM	25	25	21.99	21.97	22.09		
10	16QAM	50	0	22.23	22.11	22.00		
10	64QAM	1	0	22.31	22.44	22.32	23.5	0.5
10	64QAM	1	25	22.21	22.26	22.22		
10	64QAM	1	49	22.27	22.02	22.21		
10	64QAM	25	0	21.10	21.00	21.02	22.5	1.5
10	64QAM	25	12	21.07	21.07	21.16		
10	64QAM	25	25	21.14	21.10	21.02		
10	64QAM	50	0	21.17	20.94	21.01		
10	256QAM	1	0	18.93	19.11	19.20	20.5	3.5
10	256QAM	1	25	19.00	19.06	18.91		
10	256QAM	1	49	18.99	19.08	19.08		
10	256QAM	25	0	18.97	18.98	19.01	20.5	3.5
10	256QAM	25	12	18.89	18.89	18.95		
10	256QAM	25	25	18.94	19.00	18.83		
10	256QAM	50	0	19.09	18.89	19.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.57	22.70	22.66	24	0
5	QPSK	1	12	22.68	22.45	22.45		
5	QPSK	1	24	22.53	22.50	22.52		
5	QPSK	12	0	22.49	22.55	22.42	24	0
5	QPSK	12	7	22.43	22.44	22.38		
5	QPSK	12	13	22.41	22.33	22.24		
5	QPSK	25	0	22.39	22.43	22.23		
5	16QAM	1	0	22.49	22.56	22.40	24	0
5	16QAM	1	12	22.47	22.46	22.37		
5	16QAM	1	24	22.53	22.38	22.53		
5	16QAM	12	0	22.14	22.20	21.97	23.5	0.5
5	16QAM	12	7	22.12	22.07	21.96		
5	16QAM	12	13	22.08	21.88	22.10		
5	16QAM	25	0	22.20	22.10	21.97		
5	64QAM	1	0	22.27	22.38	22.23	23.5	0.5
5	64QAM	1	12	22.32	22.33	22.33		
5	64QAM	1	24	22.26	22.07	22.11		
5	64QAM	12	0	21.14	21.04	21.10	22.5	1.5
5	64QAM	12	7	21.07	21.08	21.07		
5	64QAM	12	13	21.12	21.03	21.09		
5	64QAM	25	0	21.11	20.95	21.09		
5	256QAM	1	0	19.00	19.17	19.18	20.5	3.5
5	256QAM	1	12	19.01	19.06	18.93		
5	256QAM	1	24	19.03	19.06	19.05		
5	256QAM	12	0	19.03	18.98	18.93	20.5	3.5
5	256QAM	12	7	18.99	18.90	18.99		
5	256QAM	12	13	18.93	18.89	18.84		
5	256QAM	25	0	19.10	18.95	18.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.63	22.66	22.62	24	0
3	QPSK	1	8	22.67	22.43	22.50		
3	QPSK	1	14	22.53	22.51	22.61		
3	QPSK	8	0	22.42	22.56	22.39	24	0
3	QPSK	8	4	22.45	22.35	22.32		
3	QPSK	8	7	22.40	22.31	22.22		
3	QPSK	15	0	22.39	22.44	22.26		
3	16QAM	1	0	22.54	22.51	22.45	24	0
3	16QAM	1	8	22.56	22.48	22.41		
3	16QAM	1	14	22.54	22.33	22.48		
3	16QAM	8	0	22.14	22.11	21.99	23.5	0.5
3	16QAM	8	4	22.17	22.06	21.89		
3	16QAM	8	7	22.06	21.92	22.08		
3	16QAM	15	0	22.22	22.14	21.95		
3	64QAM	1	0	22.32	22.36	22.29	23.5	0.5
3	64QAM	1	8	22.30	22.30	22.32		
3	64QAM	1	14	22.32	22.12	22.10		
3	64QAM	8	0	21.11	21.04	21.02	22.5	1.5
3	64QAM	8	4	21.10	21.05	21.14		
3	64QAM	8	7	21.09	21.03	21.10		
3	64QAM	15	0	21.16	21.04	21.03		
3	256QAM	1	0	19.00	19.14	19.18	20.5	3.5
3	256QAM	1	8	18.98	19.04	18.90		
3	256QAM	1	14	19.05	19.10	19.13		
3	256QAM	8	0	18.97	19.03	18.91	20.5	3.5
3	256QAM	8	4	18.94	18.92	18.93		
3	256QAM	8	7	18.88	18.97	18.88		
3	256QAM	15	0	19.04	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.63	22.69	22.68	24	0
1.4	QPSK	1	3	22.64	22.49	22.50		
1.4	QPSK	1	5	22.52	22.55	22.59		
1.4	QPSK	3	0	22.43	22.57	22.40		
1.4	QPSK	3	1	22.39	22.39	22.31		
1.4	QPSK	3	3	22.41	22.38	22.24		
1.4	QPSK	6	0	22.36	22.37	22.32	24	0
1.4	16QAM	1	0	22.55	22.46	22.44	24	0
1.4	16QAM	1	3	22.52	22.49	22.41		
1.4	16QAM	1	5	22.50	22.36	22.52		
1.4	16QAM	3	0	22.10	22.16	22.05		
1.4	16QAM	3	1	22.23	22.07	22.00		
1.4	16QAM	3	3	22.03	22.01	22.08		
1.4	16QAM	6	0	22.27	22.10	21.99	23.5	0.5
1.4	64QAM	1	0	22.32	22.44	22.31	23.5	0.5
1.4	64QAM	1	3	22.29	22.25	22.27		
1.4	64QAM	1	5	22.33	22.02	22.20		
1.4	64QAM	3	0	22.52	22.49	22.41		
1.4	64QAM	3	1	22.55	22.46	22.38		
1.4	64QAM	3	3	22.59	22.27	22.45		
1.4	64QAM	6	0	21.20	21.02	21.08	22.5	1.5
1.4	256QAM	1	0	18.97	19.17	19.15	20.5	3.5
1.4	256QAM	1	3	19.03	19.07	18.89		
1.4	256QAM	1	5	18.97	19.10	19.09		
1.4	256QAM	3	0	18.99	19.02	18.97		
1.4	256QAM	3	1	18.98	18.91	18.95		
1.4	256QAM	3	3	18.86	18.89	18.82		
1.4	256QAM	6	0	19.05	18.94	18.97	20.5	3.5

Band 2_Ant 3_Other PA

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	19.39	19.40	19.28		
20	QPSK	1	49	19.36	19.36	19.21	21	0
20	QPSK	1	99	19.30	19.32	19.26		
20	QPSK	50	0	19.25	19.28	19.19		
20	QPSK	50	24	19.22	19.14	19.14	21	0
20	QPSK	50	50	19.17	19.11	19.15		
20	QPSK	100	0	19.11	19.22	19.11		
20	16QAM	1	0	19.14	19.28	19.15		
20	16QAM	1	49	19.26	19.21	19.13	21	0
20	16QAM	1	99	19.28	19.11	19.06		
20	16QAM	50	0	19.29	19.15	19.13		
20	16QAM	50	24	19.22	19.19	19.10	21	0
20	16QAM	50	50	19.23	19.14	19.08		
20	16QAM	100	0	19.17	19.15	19.02		
20	64QAM	1	0	19.07	19.21	19.22		
20	64QAM	1	49	19.26	19.18	19.17	21	0
20	64QAM	1	99	19.22	19.11	19.07		
20	64QAM	50	0	19.24	19.23	19.09		
20	64QAM	50	24	19.15	19.05	19.16	21	0
20	64QAM	50	50	19.19	19.05	19.08		
20	64QAM	100	0	19.07	19.14	19.11		
20	256QAM	1	0	18.28	18.37	18.48		
20	256QAM	1	49	18.31	18.25	18.46	20	1
20	256QAM	1	99	18.38	18.36	18.44		
20	256QAM	50	0	18.32	18.21	18.39		
20	256QAM	50	24	18.29	18.22	18.24	20	1
20	256QAM	50	50	18.28	18.28	18.26		
20	256QAM	100	0	18.28	18.23	18.25		
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.13	19.35	19.18		
15	QPSK	1	37	19.30	19.29	19.07	21	0
15	QPSK	1	74	19.25	19.23	19.20		
15	QPSK	36	0	19.09	19.15	19.13		
15	QPSK	36	20	19.10	19.09	19.01	21	0
15	QPSK	36	39	19.02	19.06	19.03		
15	QPSK	75	0	19.01	19.14	19.01		
15	16QAM	1	0	19.08	19.18	19.02		
15	16QAM	1	37	19.17	19.12	19.00	21	0
15	16QAM	1	74	19.13	19.00	19.16		
15	16QAM	36	0	19.16	19.07	19.08		
15	16QAM	36	20	19.10	19.05	19.02	21	0
15	16QAM	36	39	19.11	19.04	19.00		
15	16QAM	75	0	19.09	19.08	19.17		
15	64QAM	1	0	19.14	19.16	19.14		
15	64QAM	1	37	19.21	19.05	19.10	21	0
15	64QAM	1	74	19.12	19.04	19.02		
15	64QAM	36	0	19.18	19.08	19.01		
15	64QAM	36	20	19.00	19.15	19.06	21	0
15	64QAM	36	39	19.09	19.17	19.19		
15	64QAM	75	0	19.08	19.19	19.00		
15	256QAM	1	0	18.19	18.27	18.36		
15	256QAM	1	37	18.15	18.20	18.36	20	1
15	256QAM	1	74	18.22	18.22	18.29		
15	256QAM	36	0	18.23	18.12	18.28		
15	256QAM	36	20	18.23	18.08	18.14	20	1
15	256QAM	36	39	18.18	18.14	18.12		
15	256QAM	75	0	18.18	18.14	18.16		
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.17	19.30	19.11		
10	QPSK	1	25	19.21	19.26	19.08	21	0
10	QPSK	1	49	19.21	19.19	19.15		
10	QPSK	25	0	19.14	19.14	19.08		
10	QPSK	25	12	19.15	19.04	19.09	21	0
10	QPSK	25	25	19.11	19.18	19.00		
10	QPSK	50	0	19.05	19.09	19.00		
10	16QAM	1	0	19.05	19.18	19.05		
10	16QAM	1	25	19.16	19.09	19.08	21	0
10	16QAM	1	49	19.16	19.19	19.17		
10	16QAM	25	0	19.16	19.04	19.01		
10	16QAM	25	12	19.15	19.06	19.01	21	0
10	16QAM	25	25	19.15	19.18	19.16		
10	16QAM	50	0	19.01	19.04	19.08		
10	64QAM	1	0	19.13	19.06	19.15		
10	64QAM	1	25	19.14	19.05	19.02	21	0
10	64QAM	1	49	19.10	19.17	19.00		
10	64QAM	25	0	19.08	19.14	19.13		
10	64QAM	25	12	19.01	19.14	19.11	21	0
10	64QAM	25	25	19.12	19.12	19.19		
10	64QAM	50	0	19.11	19.07	19.00		
10	256QAM	1	0	18.18	18.30	18.39		
10	256QAM	1	25	18.19	18.13	18.30	20	1
10	256QAM	1	49	18.24	18.31	18.34		
10	256QAM	25	0	18.21	18.06	18.23		
10	256QAM	25	12	18.20	18.12	18.15	20	1
10	256QAM	25	25	18.18	18.14	18.12		
10	256QAM	50	0	18.12	18.08	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.14	19.34	19.17		
5	QPSK	1	12	19.25	19.21	19.05	21	0
5	QPSK	1	24	19.21	19.16	19.11		
5	QPSK	12	0	19.16	19.23	19.04		
5	QPSK	12	7	19.14	19.09	19.07	21	0
5	QPSK	12	13	19.11	19.06	19.05		
5	QPSK	25	0	19.18	19.11	19.04		
5	16QAM	1	0	19.02	19.16	19.01		
5	16QAM	1	12	19.21	19.16	19.03	21	0
5	16QAM	1	24	19.15	19.01	19.01		
5	16QAM	12	0	19.23	19.02	19.06		
5	16QAM	12	7	19.13	19.04	19.01	21	0
5	16QAM	12	13	19.14	19.03	19.12		
5	16QAM	25	0	19.03	19.07	19.11		
5	64QAM	1	0	19.01	19.07	19.08		
5	64QAM	1	12	19.18	19.10	19.07	21	0
5	64QAM	1	24	19.07	19.02	19.17		
5	64QAM	12	0	19.09	19.13	19.18		
5	64QAM	12	7	19.07	19.09	19.06	21	0
5	64QAM	12	13	19.11	19.17	19.15		
5	64QAM	25	0	19.14	19.07	19.02		
5	256QAM	1	0	18.22	18.22	18.43		
5	256QAM	1	12	18.22	18.11	18.38	20	1
5	256QAM	1	24	18.25	18.28	18.36		
5	256QAM	12	0	18.21	18.06	18.24		
5	256QAM	12	7	18.19	18.07	18.08	20	1
5	256QAM	12	13	18.20	18.21	18.21		
5	256QAM	25	0	18.13	18.07	18.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.14	19.30	19.18		
3	QPSK	1	8	19.25	19.29	19.05	21	0
3	QPSK	1	14	19.16	19.25	19.12		
3	QPSK	8	0	19.18	19.18	19.13		
3	QPSK	8	4	19.11	19.19	19.07	21	0
3	QPSK	8	7	19.07	19.19	19.10		
3	QPSK	15	0	19.04	19.09	19.09		
3	16QAM	1	0	19.04	19.22	19.06		
3	16QAM	1	8	19.10	19.13	19.02	21	0
3	16QAM	1	14	19.13	19.15	19.00		
3	16QAM	8	0	19.13	19.19	19.05		
3	16QAM	8	4	19.09	19.04	19.11	21	0
3	16QAM	8	7	19.17	19.02	19.00		
3	16QAM	15	0	19.04	19.10	19.09		
3	64QAM	1	0	19.15	19.12	19.08		
3	64QAM	1	8	19.20	19.07	19.04	21	0
3	64QAM	1	14	19.08	19.17	19.18		
3	64QAM	8	0	19.10	19.08	19.17		
3	64QAM	8	4	19.01	19.09	19.08	21	0
3	64QAM	8	7	19.14	19.16	19.14		
3	64QAM	15	0	19.07	19.02	19.03		
3	256QAM	1	0	18.19	18.22	18.42		
3	256QAM	1	8	18.22	18.14	18.34	20	1
3	256QAM	1	14	18.32	18.26	18.33		
3	256QAM	8	0	18.25	18.10	18.28		
3	256QAM	8	4	18.13	18.08	18.19	20	1
3	256QAM	8	7	18.19	18.20	18.13		
3	256QAM	15	0	18.17	18.08	18.14		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.18	19.27	19.13		
1.4	QPSK	1	3	19.23	19.29	19.09		
1.4	QPSK	1	5	19.21	19.20	19.17	21	0
1.4	QPSK	3	0	19.19	19.22	19.06		
1.4	QPSK	3	1	19.07	19.08	19.01		
1.4	QPSK	3	3	19.01	19.01	19.10		
1.4	QPSK	6	0	19.01	19.17	19.15	21	0
1.4	16QAM	1	0	19.01	19.16	19.02		
1.4	16QAM	1	3	19.14	19.08	19.17		
1.4	16QAM	1	5	19.16	19.02	19.13	21	0
1.4	16QAM	3	0	19.04	19.06	19.07		
1.4	16QAM	3	1	19.12	19.11	19.01		
1.4	16QAM	3	3	19.11	19.08	19.00		
1.4	16QAM	6	0	19.05	19.02	19.06	21	0
1.4	64QAM	1	0	19.13	19.19	19.08		
1.4	64QAM	1	3	19.15	19.08	19.01		
1.4	64QAM	1	5	19.17	19.00	19.16	21	0
1.4	64QAM	3	0	19.15	19.14	19.02		
1.4	64QAM	3	1	19.07	19.17	19.01		
1.4	64QAM	3	3	19.11	19.19	19.13		
1.4	64QAM	6	0	19.03	19.03	19.03	21	0
1.4	256QAM	1	0	18.21	18.27	18.36		
1.4	256QAM	1	3	18.21	18.11	18.32		
1.4	256QAM	1	5	18.22	18.31	18.36	20	1
1.4	256QAM	3	0	18.26	18.13	18.24		
1.4	256QAM	3	1	18.18	18.13	18.16		
1.4	256QAM	3	3	18.23	18.22	18.21		
1.4	256QAM	6	0	18.13	18.10	18.10	20	1

Band 4_Ant 4_Other PA

BW [MHz]	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	20.53	20.56	20.48		
20	QPSK	1	49	20.52	20.42	20.38	21.5	0
20	QPSK	1	99	20.43	20.36	20.26		
20	QPSK	50	0	20.24	20.32	20.10		
20	QPSK	50	24	20.22	20.21	20.08	21.5	0
20	QPSK	50	50	20.21	20.12	20.11		
20	QPSK	100	0	20.20	20.25	20.11		
20	16QAM	1	0	20.41	20.45	20.38		
20	16QAM	1	49	20.34	20.30	20.30	21.5	0
20	16QAM	1	99	20.33	20.24	20.10		
20	16QAM	50	0	20.17	20.23	20.15		
20	16QAM	50	24	20.17	20.19	20.10	21.5	0
20	16QAM	50	50	20.21	20.16	20.03		
20	16QAM	100	0	20.20	20.17	20.07		
20	64QAM	1	0	20.35	20.33	20.27		
20	64QAM	1	49	20.28	20.25	20.16	21.5	0
20	64QAM	1	99	20.27	20.17	20.13		
20	64QAM	50	0	19.93	19.90	19.91		
20	64QAM	50	24	19.88	19.89	19.89	21	0.5
20	64QAM	50	50	19.89	19.84	19.77		
20	64QAM	100	0	19.92	19.88	19.87		
20	256QAM	1	0	18.06	18.01	17.93		
20	256QAM	1	49	17.94	17.86	17.94	19	2.5
20	256QAM	1	99	18.03	17.94	17.83		
20	256QAM	50	0	17.82	17.75	17.72		
20	256QAM	50	24	17.75	17.77	17.86	19	2.5
20	256QAM	50	50	17.89	17.89	17.83		
20	256QAM	100	0	17.85	17.81	17.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.43	20.40	20.33		
15	QPSK	1	37	20.47	20.28	20.24	21.5	0
15	QPSK	1	74	20.32	20.30	20.10		
15	QPSK	36	0	20.03	20.19	19.98		
15	QPSK	36	20	20.08	20.06	19.97	21.5	0
15	QPSK	36	39	20.05	20.03	20.03		
15	QPSK	75	0	20.07	20.10	20.06		
15	16QAM	1	0	20.35	20.37	20.23		
15	16QAM	1	37	20.29	20.22	20.20	21.5	0
15	16QAM	1	74	20.18	20.08	20.00		
15	16QAM	36	0	20.03	20.13	20.10		
15	16QAM	36	20	20.10	20.12	20.02	21.5	0
15	16QAM	36	39	20.12	20.07	19.90		
15	16QAM	75	0	20.07	20.06	19.91		
15	64QAM	1	0	20.21	20.24	20.16		
15	64QAM	1	37	20.18	20.09	20.06	21.5	0
15	64QAM	1	74	19.96	20.02	20.02		
15	64QAM	36	0	19.84	19.76	19.80		
15	64QAM	36	20	19.81	19.79	19.78	21	0.5
15	64QAM	36	39	19.83	19.72	19.69		
15	64QAM	75	0	19.81	19.74	19.75		
15	256QAM	1	0	17.98	17.89	17.86		
15	256QAM	1	37	17.82	17.73	17.88	19	2.5
15	256QAM	1	74	17.97	17.82	17.75		
15	256QAM	36	0	17.72	17.62	17.56		
15	256QAM	36	20	17.66	17.72	17.71	19	2.5
15	256QAM	36	39	17.74	17.84	17.76		
15	256QAM	75	0	17.68	17.60	17.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.43	20.41	20.36		
10	QPSK	1	25	20.40	20.32	20.22	21.5	0
10	QPSK	1	49	20.27	20.30	20.10		
10	QPSK	25	0	20.08	20.23	19.96		
10	QPSK	25	12	20.09	20.16	19.92	21.5	0
10	QPSK	25	25	20.16	20.01	19.99		
10	QPSK	50	0	20.05	20.15	20.04		
10	16QAM	1	0	20.35	20.35	20.24		
10	16QAM	1	25	20.27	20.25	20.20	21.5	0
10	16QAM	1	49	20.19	20.13	20.04		
10	16QAM	25	0	20.04	20.12	20.02		
10	16QAM	25	12	20.12	20.07	20.02	21.5	0
10	16QAM	25	25	20.16	20.04	19.94		
10	16QAM	50	0	20.04	20.10	20.01		
10	64QAM	1	0	20.24	20.21	20.12		
10	64QAM	1	25	20.18	20.17	20.03	21.5	0
10	64QAM	1	49	20.05	20.10	20.05		
10	64QAM	25	0	19.81	19.85	19.84		
10	64QAM	25	12	19.78	19.73	19.78	21	0.5
10	64QAM	25	25	19.78	19.75	19.82		
10	64QAM	50	0	19.86	19.80	19.77		
10	256QAM	1	0	18.00	17.93	17.82		
10	256QAM	1	25	17.84	17.71	17.78	19	2.5
10	256QAM	1	49	17.89	17.78	17.72		
10	256QAM	25	0	17.70	17.67	17.58		
10	256QAM	25	12	17.65	17.65	17.78	19	2.5
10	256QAM	25	25	17.79	17.73	17.78		
10	256QAM	50	0	17.78	17.76	17.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.39	20.51	20.35		
5	QPSK	1	12	20.47	20.31	20.24	21.5	0
5	QPSK	1	24	20.37	20.28	20.19		
5	QPSK	12	0	20.10	20.27	20.06		
5	QPSK	12	7	20.09	20.15	19.95	21.5	0
5	QPSK	12	13	20.15	20.02	19.96		
5	QPSK	25	0	20.11	20.16	20.04		
5	16QAM	1	0	20.30	20.37	20.23		
5	16QAM	1	12	20.29	20.24	20.25	21.5	0
5	16QAM	1	24	20.19	20.17	19.97		
5	16QAM	12	0	20.10	20.21	20.02		
5	16QAM	12	7	20.03	20.11	19.94	21.5	0
5	16QAM	12	13	20.15	20.00	19.92		
5	16QAM	25	0	20.06	20.03	19.99		
5	64QAM	1	0	20.28	20.28	20.15		
5	64QAM	1	12	20.14	20.14	20.03	21.5	0
5	64QAM	1	24	19.97	20.04	20.00		
5	64QAM	12	0	19.85	19.83	19.77		
5	64QAM	12	7	19.83	19.79	19.82	21	0.5
5	64QAM	12	13	19.79	19.74	19.67		
5	64QAM	25	0	19.81	19.71	19.71		
5	256QAM	1	0	17.97	17.88	17.83		
5	256QAM	1	12	17.86	17.71	17.87	19	2.5
5	256QAM	1	24	17.93	17.80	17.69		
5	256QAM	12	0	17.68	17.65	17.62		
5	256QAM	12	7	17.69	17.71	17.76	19	2.5
5	256QAM	12	13	17.80	17.78	17.75		
5	256QAM	25	0	17.72	17.66	17.77		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.35	20.47	20.34		
3	QPSK	1	8	20.45	20.27	20.23	21.5	0
3	QPSK	1	14	20.39	20.26	20.11		
3	QPSK	8	0	20.06	20.22	19.99		
3	QPSK	8	4	20.14	20.15	20.02	21.5	0
3	QPSK	8	7	20.16	19.96	19.99		
3	QPSK	15	0	20.05	20.19	19.98		
3	16QAM	1	0	20.35	20.29	20.32		
3	16QAM	1	8	20.22	20.23	20.20	21.5	0
3	16QAM	1	14	20.22	20.18	20.03		
3	16QAM	8	0	20.13	20.10	20.05		
3	16QAM	8	4	20.05	20.07	20.02	21.5	0
3	16QAM	8	7	20.08	20.06	19.93		
3	16QAM	15	0	20.05	20.01	19.96		
3	64QAM	1	0	20.27	20.18	20.19		
3	64QAM	1	8	20.16	20.14	20.11	21.5	0
3	64QAM	1	14	20.06	20.05	20.05		
3	64QAM	8	0	19.83	19.81	19.75		
3	64QAM	8	4	19.79	19.83	19.77	21	0.5
3	64QAM	8	7	19.76	19.74	19.61		
3	64QAM	15	0	19.84	19.77	19.75		
3	256QAM	1	0	17.98	17.93	17.84		
3	256QAM	1	8	17.86	17.78	17.81	19	2.5
3	256QAM	1	14	17.92	17.79	17.72		
3	256QAM	8	0	17.76	17.60	17.58		
3	256QAM	8	4	17.65	17.65	17.73	19	2.5
3	256QAM	8	7	17.78	17.77	17.77		
3	256QAM	15	0	17.73	17.72	17.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.43	20.45	20.33		
1.4	QPSK	1	3	20.37	20.28	20.29		
1.4	QPSK	1	5	20.28	20.22	20.12	21.5	0
1.4	QPSK	3	0	20.14	20.25	19.99		
1.4	QPSK	3	1	20.10	20.09	19.92		
1.4	QPSK	3	3	20.08	20.07	20.03		
1.4	QPSK	6	0	20.04	20.19	20.04	21.5	0
1.4	16QAM	1	0	20.31	20.29	20.32		
1.4	16QAM	1	3	20.22	20.16	20.23		
1.4	16QAM	1	5	20.17	20.18	19.98	21.5	0
1.4	16QAM	3	0	20.06	20.08	20.07		
1.4	16QAM	3	1	20.04	20.05	20.00		
1.4	16QAM	3	3	20.13	20.03	19.87		
1.4	16QAM	6	0	20.15	20.05	19.97	21.5	0
1.4	64QAM	1	0	20.22	20.19	20.21		
1.4	64QAM	1	3	20.15	20.14	20.10		
1.4	64QAM	1	5	19.99	20.01	20.00	21.5	0
1.4	64QAM	3	0	20.02	20.14	20.02		
1.4	64QAM	3	1	20.07	19.95	19.95		
1.4	64QAM	3	3	20.11	20.05	20.02		
1.4	64QAM	6	0	19.81	19.73	19.79	21	0.5
1.4	256QAM	1	0	18.01	17.88	17.88		
1.4	256QAM	1	3	17.87	17.74	17.86		
1.4	256QAM	1	5	17.98	17.80	17.73	19	2.5
1.4	256QAM	3	0	17.73	17.62	17.64		
1.4	256QAM	3	1	17.60	17.65	17.71		
1.4	256QAM	3	3	17.84	17.80	17.78		
1.4	256QAM	6	0	17.76	17.72	17.73	19	2.5

Band 4_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	23.95	23.88		
20	QPSK	1	49	23.87	23.83	23.78	25	0
20	QPSK	1	99	23.82	23.74	23.71		
20	QPSK	50	0	22.83	22.85	22.84		
20	QPSK	50	24	22.73	22.83	22.82	24	1
20	QPSK	50	50	22.72	22.78	22.78		
20	QPSK	100	0	22.80	22.82	22.79		
20	16QAM	1	0	23.05	23.09	23.16		
20	16QAM	1	49	23.03	23.03	23.08	24	1
20	16QAM	1	99	23.06	23.02	22.90		
20	16QAM	50	0	21.80	21.85	21.85		
20	16QAM	50	24	21.73	21.79

Band 4_Ant 3_Other PA

BW [MHz]	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	20.36	20.49	20.25	21.5	0
20	QPSK	1	49	20.27	20.32	20.18		
20	QPSK	1	99	20.27	20.26	20.14		
20	QPSK	50	0	20.17	20.22	20.05		
20	QPSK	50	24	20.10	19.99	19.99	21.5	0
20	QPSK	50	50	20.04	19.98	20.01		
20	QPSK	100	0	20.03	20.10	20.01		
20	16QAM	1	0	20.43	20.36	20.17		
20	16QAM	1	49	20.22	20.09	20.12	21.5	0
20	16QAM	1	99	20.07	20.13	20.00		
20	16QAM	50	0	20.03	20.12	19.97		
20	16QAM	50	24	20.07	20.07	19.88	21.5	0
20	16QAM	50	50	20.08	20.00	20.00		
20	16QAM	100	0	20.13	19.99	19.98		
20	64QAM	1	0	20.36	20.12	20.19		
20	64QAM	1	49	20.17	20.12	20.03	21.5	0
20	64QAM	1	99	20.12	20.08	19.84		
20	64QAM	50	0	20.10	20.05	20.11		
20	64QAM	50	24	20.06	19.97	19.99	21.5	0
20	64QAM	50	50	20.05	19.97	19.98		
20	64QAM	100	0	20.09	19.98	19.97		
20	256QAM	1	0	18.77	18.88	18.92		
20	256QAM	1	49	18.69	18.80	18.72	20	1.5
20	256QAM	1	99	18.90	18.79	18.83		
20	256QAM	50	0	18.76	18.77	18.71		
20	256QAM	50	24	18.82	18.69	18.81	20	1.5
20	256QAM	50	50	18.70	18.77	18.61		
20	256QAM	100	0	18.89	18.69	18.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.23	20.30	20.17		
15	QPSK	1	37	20.19	20.19	20.10	21.5	0
15	QPSK	1	74	20.16	20.21	20.02		
15	QPSK	36	0	19.96	20.10	19.89		
15	QPSK	36	20	19.96	19.91	19.85	21.5	0
15	QPSK	36	39	19.96	19.86	19.92		
15	QPSK	75	0	19.95	19.95	19.92		
15	16QAM	1	0	20.27	20.29	20.07		
15	16QAM	1	37	20.08	19.99	20.00	21.5	0
15	16QAM	1	74	20.01	20.05	19.93		
15	16QAM	36	0	19.89	20.02	19.91		
15	16QAM	36	20	19.98	19.91	19.72	21.5	0
15	16QAM	36	39	20.00	19.84	19.94		
15	16QAM	75	0	19.97	19.93	19.93		
15	64QAM	1	0	20.30	20.05	20.09		
15	64QAM	1	37	20.02	20.02	19.96	21.5	0
15	64QAM	1	74	20.01	20.03	19.77		
15	64QAM	36	0	20.02	19.99	20.01		
15	64QAM	36	20	19.98	19.88	19.94	21.5	0
15	64QAM	36	39	19.98	19.82	19.85		
15	64QAM	75	0	19.93	19.88	19.89		
15	256QAM	1	0	18.63	18.83	18.86		
15	256QAM	1	37	18.56	18.67	18.57	20	1.5
15	256QAM	1	74	18.77	18.67	18.73		
15	256QAM	36	0	18.67	18.72	18.66		
15	256QAM	36	20	18.66	18.57	18.71	20	1.5
15	256QAM	36	39	18.60	18.65	18.49		
15	256QAM	75	0	18.61	18.60	18.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.23	20.34	20.19		
10	QPSK	1	25	20.15	20.18	20.07	21.5	0
10	QPSK	1	49	20.13	20.12	20.09		
10	QPSK	25	0	20.01	20.17	19.89		
10	QPSK	25	12	19.98	19.89	19.92	21.5	0
10	QPSK	25	25	19.93	19.90	19.86		
10	QPSK	50	0	19.88	19.94	19.94		
10	16QAM	1	0	20.22	20.20	20.10		
10	16QAM	1	25	20.11	19.95	19.96	21.5	0
10	16QAM	1	49	20.00	19.97	19.86		
10	16QAM	25	0	19.89	20.05	19.81		
10	16QAM	25	12	19.96	19.94	19.75	21.5	0
10	16QAM	25	25	20.02	19.94	19.84		
10	16QAM	50	0	19.99	19.92	19.84		
10	64QAM	1	0	20.26	19.97	20.07		
10	64QAM	1	25	20.01	20.00	19.98	21.5	0
10	64QAM	1	49	20.03	20.03	19.75		
10	64QAM	25	0	19.94	20.00	20.04		
10	64QAM	25	12	19.94	19.90	19.88	21.5	0
10	64QAM	25	25	19.96	19.86	19.91		
10	64QAM	50	0	20.00	19.86	19.91		
10	256QAM	1	0	18.64	18.72	18.80		
10	256QAM	1	25	18.58	18.73	18.67	20	1.5
10	256QAM	1	49	18.77	18.65	18.69		
10	256QAM	25	0	18.69	18.64	18.59		
10	256QAM	25	12	18.73	18.59	18.73	20	1.5
10	256QAM	25	25	18.61	18.66	18.46		
10	256QAM	50	0	18.66	18.53	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.23	20.29	20.11		
5	QPSK	1	12	20.15	20.26	20.03	21.5	0
5	QPSK	1	24	20.19	20.10	20.09		
5	QPSK	12	0	20.05	20.15	19.95		
5	QPSK	12	7	19.97	19.88	19.88	21.5	0
5	QPSK	12	13	19.92	19.88	19.90		
5	QPSK	25	0	19.88	20.01	19.86		
5	16QAM	1	0	20.32	20.29	20.11		
5	16QAM	1	12	20.14	19.98	20.07	21.5	0
5	16QAM	1	24	19.97	19.99	19.85		
5	16QAM	12	0	19.96	19.98	19.86		
5	16QAM	12	7	19.91	19.93	19.78	21.5	0
5	16QAM	12	13	19.97	19.93	19.94		
5	16QAM	25	0	20.08	19.87	19.92		
5	64QAM	1	0	20.27	20.04	20.12		
5	64QAM	1	12	20.02	20.07	19.94	21.5	0
5	64QAM	1	24	20.02	19.95	19.73		
5	64QAM	12	0	20.02	19.91	19.98		
5	64QAM	12	7	19.94	19.91	19.89	21.5	0
5	64QAM	12	13	19.90	19.87	19.83		
5	64QAM	25	0	19.98	19.83	19.81		
5	256QAM	1	0	18.71	18.80	18.85		
5	256QAM	1	12	18.57	18.68	18.64	20	1.5
5	256QAM	1	24	18.83	18.66	18.72		
5	256QAM	12	0	18.67	18.71	18.58		
5	256QAM	12	7	18.68	18.57	18.69	20	1.5
5	256QAM	12	13	18.63	18.69	18.48		
5	256QAM	25	0	18.62	18.63	18.55		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.25	20.24	20.09		
3	QPSK	1	8	20.15	20.21	20.09	21.5	0
3	QPSK	1	14	20.17	20.17	20.09		
3	QPSK	8	0	20.12	20.17	19.99		
3	QPSK	8	4	19.95	19.93	19.90	21.5	0
3	QPSK	8	7	19.89	19.93	19.94		
3	QPSK	15	0	19.90	19.94	19.86		
3	16QAM	1	0	20.27	20.20	20.08		
3	16QAM	1	8	20.15	19.95	19.97	21.5	0
3	16QAM	1	14	20.02	19.99	19.87		
3	16QAM	8	0	19.93	20.02	19.87		
3	16QAM	8	4	19.94	19.95	19.79	21.5	0
3	16QAM	8	7	19.96	19.88	19.86		
3	16QAM	15	0	20.05	19.94	19.93		
3	64QAM	1	0	20.30	19.97	20.08		
3	64QAM	1	8	20.10	20.03	19.97	21.5	0
3	64QAM	1	14	20.06	19.92	19.69		
3	64QAM	8	0	19.94	19.97	20.03		
3	64QAM	8	4	19.92	19.92	19.85	21.5	0
3	64QAM	8	7	19.90	19.81	19.82		
3	64QAM	15	0	19.93	19.90	19.90		
3	256QAM	1	0	18.72	18.81	18.78		
3	256QAM	1	8	18.57	18.75	18.62	20	1.5
3	256QAM	1	14	18.79	18.63	18.69		
3	256QAM	8	0	18.70	18.72	18.58		
3	256QAM	8	4	18.67	18.63	18.66	20	1.5
3	256QAM	8	7	18.61	18.63	18.45		
3	256QAM	15	0	18.53	18.62	18.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.29	20.33	20.19		
1.4	QPSK	1	3	20.22	20.16	20.05		
1.4	QPSK	1	5	20.11	20.15	19.98	21.5	0
1.4	QPSK	3	0	20.06	20.12	20.00		
1.4	QPSK	3	1	19.95	19.91	19.83		
1.4	QPSK	3	3	19.89	19.91	19.92		
1.4	QPSK	6	0	19.94	20.01	19.85	21.5	0
1.4	16QAM	1	0	20.28	20.23	20.11		
1.4	16QAM	1	3	20.11	20.01	20.04		
1.4	16QAM	1	5	19.97	20.02	19.92	21.5	0
1.4	16QAM	3	0	19.96	20.02	19.85		
1.4	16QAM	3	1	20.01	20.02	19.80		
1.4	16QAM	3	3	19.95	19.88	19.85		
1.4	16QAM	6	0	20.00	19.92	19.87	21.5	0
1.4	64QAM	1	0	20.31	20.03	20.03		
1.4	64QAM	1	3	20.02	20.01	19.92		
1.4	64QAM	1	5	20.06	19.97	19.74	21.5	0
1.4	64QAM	3	0	19.95	19.98	20.05		
1.4	64QAM	3	1	19.99	19.82	19.85		
1.4	64QAM	3	3	19.99	19.90	19.93		
1.4	64QAM	6	0	19.97	19.93	19.86	21.5	0
1.4	256QAM	1	0	18.66	18.82	18.86		
1.4	256QAM	1	3	18.59	18.75	18.57		
1.4	256QAM	1	5	18.80	18.63	18.78	20	1.5
1.4	256QAM	3	0	18.67	18.71	18.64		
1.4	256QAM	3	1	18.75	18.62	18.68		
1.4	256QAM	3	3	18.59	18.67	18.45		
1.4	256QAM	6	0	18.60	18.54	18.54	20	1.5

Band 5_Ant 0_Other PA

BW [MHz]	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	23.79	23.80	23.70	25	0
10	QPSK	1	25	23.64	23.77	23.63		
10	QPSK	1	49	23.73	23.76	23.68		
10	QPSK	25	0	22.70	22.77	22.70		
10	QPSK	25	12	22.65	22.62	22.63	24	1
10	QPSK	25	25	22.72	22.66	22.64		
10	QPSK	50	0	22.68	22.77	22.57		
10	16QAM	1	0	22.77	22.88	22.86		
10	16QAM	1	25	22.80	22.84	22.72	24	1
10	16QAM	1	49	22.81	22.78	22.73		
10	16QAM	25	0	21.67	21.63	21.60		
10	16QAM	25	12	21.61	21.65	21.63	23	2
10	16QAM	25	25	21.67	21.65	21.58		
10	16QAM	50	0	21.65	21.62	21.65		
10	64QAM	1	0	21.77	21.76	21.80		
10	64QAM	1	25	21.78	21.72	21.73	23	2
10	64QAM	1	49	21.78	21.75	21.79		
10	64QAM	25	0	20.68	20.62	20.71		
10	64QAM	25	12	20.66	20.68	20.55	22	3
10	64QAM	25	25	20.68	20.61	20.63		
10	64QAM	50	0	20.67	20.66	20.64		
10	256QAM	1	0	18.99	19.00	18.97		
10	256QAM	1	25	19.00	18.95	19.01	20	5
10	256QAM	1	49	18.89	18.99	18.92		
10	256QAM	25	0	18.90	18.83	18.74		
10	256QAM	25	12	18.92	18.81	18.86	20	5
10	256QAM	25	25	18.83	18.88	18.80		
10	256QAM	50	0	18.83	18.82	18.86		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.55	23.59	23.64	25	0
5	QPSK	1	12	23.50	23.72	23.57		
5	QPSK	1	24	23.57	23.67	23.62		
5	QPSK	12	0	22.70	22.64	22.46		
5	QPSK	12	7	22.57	22.54	22.52	24	1
5	QPSK	12	13	22.56	22.61	22.48		
5	QPSK	25	0	22.52	22.70	22.43		
5	16QAM	1	0	22.72	22.83	22.75		
5	16QAM	1	12	22.65	22.77	22.59	24	1
5	16QAM	1	24	22.73	22.64	22.63		
5	16QAM	12	0	21.60	21.53	21.52		
5	16QAM	12	7	21.55	21.57	21.53	23	2
5	16QAM	12	13	21.54	21.58	21.53		
5	16QAM	25	0	21.54	21.46	21.54		
5	64QAM	1	0	21.64	21.60	21.72		
5	64QAM	1	12	21.70	21.59	21.64	23	2
5	64QAM	1	24	21.68	21.68	21.73		
5	64QAM	12	0	20.55	20.57	20.60		
5	64QAM	12	7	20.60	20.54	20.50	22	3
5	64QAM	12	13	20.56	20.54	20.48		
5	64QAM	25	0	20.55	20.54	20.49		
5	256QAM	1	0	18.84	18.92	18.81		
5	256QAM	1	12	18.85	18.88	18.87	20	5
5	256QAM	1	24	18.79	18.93	18.85		
5	256QAM	12	0	18.77	18.75	18.67		
5	256QAM	12	7	18.84	18.68	18.71	20	5
5	256QAM	12	13	18.73	18.80	18.66		
5	256QAM	25	0	18.69	18.69	18.72		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.61	23.64	23.62		
3	QPSK	1	8	23.50	23.64	23.51	25	0
3	QPSK	1	14	23.60	23.67	23.57		
3	QPSK	8	0	22.60	22.58	22.44		
3	QPSK	8	4	22.56	22.53	22.54	24	1
3	QPSK	8	7	22.57	22.60	22.58		
3	QPSK	15	0	22.55	22.63	22.41		
3	16QAM	1	0	22.65	22.83	22.76		
3	16QAM	1	8	22.65	22.69	22.67	24	1
3	16QAM	1	14	22.71	22.72	22.59		
3	16QAM	8	0	21.62	21.49	21.55		
3	16QAM	8	4	21.52	21.54	21.53	23	2
3	16QAM	8	7	21.59	21.49	21.50		
3	16QAM	15	0	21.50	21.52	21.50		
3	64QAM	1	0	21.64	21.60	21.66		
3	64QAM	1	8	21.60	21.58	21.58	23	2
3	64QAM	1	14	21.68	21.61	21.66		
3	64QAM	8	0	20.61	20.50	20.63		
3	64QAM	8	4	20.61	20.60	20.49	22	3
3	64QAM	8	7	20.60	20.51	20.56		
3	64QAM	15	0	20.56	20.53	20.56		
3	256QAM	1	0	18.88	18.91	18.82		
3	256QAM	1	8	18.90	18.83	18.87	20	5
3	256QAM	1	14	18.91	18.81	18.76		
3	256QAM	8	0	18.80	18.69	18.63		
3	256QAM	8	4	18.81	18.69	18.74	20	5
3	256QAM	8	7	18.75	18.81	18.74		
3	256QAM	15	0	18.69	18.75	18.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.60	23.61		
1.4	QPSK	1	3	23.54	23.62	23.47		
1.4	QPSK	1	5	23.64	23.60	23.63	25	0
1.4	QPSK	3	0	23.57	23.64	23.62		
1.4	QPSK	3	1	23.49	23.65	23.50		
1.4	QPSK	3	3	23.62	23.70	23.52		
1.4	QPSK	6	0	22.60	22.62	22.49	24	1
1.4	16QAM	1	0	22.61	22.83	22.79		
1.4	16QAM	1	3	22.70	22.79	22.67		
1.4	16QAM	1	5	22.74	22.62	22.58	24	1
1.4	16QAM	3	0	22.60	22.62	22.54		
1.4	16QAM	3	1	22.57	22.57	22.56		
1.4	16QAM	3	3	22.56	22.57	22.49		
1.4	16QAM	6	0	21.58	21.49	21.60	23	2
1.4	64QAM	1	0	21.72	21.70	21.70		
1.4	64QAM	1	3	21.69	21.57	21.66		
1.4	64QAM	1	5	21.66	21.67	21.71	23	2
1.4	64QAM	3	0	21.58	21.47	21.55		
1.4	64QAM	3	1	21.47	21.52	21.49		
1.4	64QAM	3	3	21.52	21.51	21.48		
1.4	64QAM	6	0	20.59	20.60	20.52	22	3
1.4	256QAM	1	0	18.88	18.86	18.88		
1.4	256QAM	1	3	18.90	18.90	18.89		
1.4	256QAM	1	5	18.82	18.83	18.87	20	5
1.4	256QAM	3	0	18.77	18.76	18.69		
1.4	256QAM	3	1	18.83	18.66	18.81		
1.4	256QAM	3	3	18.71	18.80	18.67		
1.4	256QAM	6	0	18.77	18.68	18.77	20	5

Band 5_Ant 1_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.83	20.92	20.79	22.5	0
10	QPSK	1	25	20.74	20.77	20.71		
10	QPSK	1	49	20.79	20.79	20.72		
10	QPSK	25	0	20.65	20.69	20.58		
10	QPSK	25	12	20.51	20.59	20.53	22.5	0
10	QPSK	25	25	20.56	20.55	20.57		
10	QPSK	50	0	20.53	20.59	20.51		
10	16QAM	1	0	20.54	20.60	20.59		
10	16QAM	1	25	20.60	20.59	20.55	22.5	0
10	16QAM	1	49	20.64	20.52	20.54		
10	16QAM	25	0	20.50	20.56	20.76		
10	16QAM	25	12	20.72	20.76	20.74	22.5	0
10	16QAM	25	25	20.72	20.69	20.74		
10	16QAM	50	0	20.52	20.75	20.72		
10	64QAM	1	0	20.53	20.51	20.66		
10	64QAM	1	25	20.55	20.58	20.78	22.5	0
10	64QAM	1	49	20.55	20.59	20.70		
10	64QAM	25	0	20.28	20.27	20.19		
10	64QAM	25	12	20.19	20.20	20.13	22	0.5
10	64QAM	25	25	20.24	20.27	20.24		
10	64QAM	50	0	20.35	20.10	20.15		
10	256QAM	1	0	18.47	18.46	18.39		
10	256QAM	1	25	18.40	18.34	18.43	20	2.5
10	256QAM	1	49	18.47	18.40	18.39		
10	256QAM	25	0	18.31	18.27	18.30		
10	256QAM	25	12	18.21	18.22	18.25	20	2.5
10	256QAM	25	25	18.33	18.30	18.21		
10	256QAM	50	0	18.22	18.27	18.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.64	20.76	20.63		
5	QPSK	1	12	20.61	20.65	20.55	22.5	0
5	QPSK	1	24	20.69	20.73	20.66		
5	QPSK	12	0	20.77	20.53	20.71		
5	QPSK	12	7	20.65	20.54	20.58	22.5	0
5	QPSK	12	13	20.71	20.67	20.64		
5	QPSK	25	0	20.68	20.74	20.60		
5	16QAM	1	0	20.75	20.79	20.51		
5	16QAM	1	12	20.54	20.50	20.72	22.5	0
5	16QAM	1	24	20.50	20.71	20.71		
5	16QAM	12	0	20.68	20.79	20.67		
5	16QAM	12	7	20.61	20.71	20.65	22.5	0
5	16QAM	12	13	20.66	20.62	20.68		
5	16QAM	25	0	20.75	20.68	20.66		
5	64QAM	1	0	20.77	20.66	20.51		
5	64QAM	1	12	20.73	20.53	20.62	22.5	0
5	64QAM	1	24	20.77	20.51	20.60		
5	64QAM	12	0	20.15	20.11	20.04		
5	64QAM	12	7	20.11	20.15	20.05	22	0.5
5	64QAM	12	13	20.18	20.20	20.14		
5	64QAM	25	0	20.19	20.24	20.10		
5	256QAM	1	0	18.39	18.36	18.31		
5	256QAM	1	12	18.26	18.20	18.35	20	2.5
5	256QAM	1	24	18.36	18.25	18.30		
5	256QAM	12	0	18.25	18.21	18.17		
5	256QAM	12	7	18.15	18.09	18.11	20	2.5
5	256QAM	12	13	18.18	18.18	18.13		
5	256QAM	25	0	18.08	18.17	18.20		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.66	20.77	20.69		
3	QPSK	1	8	20.60	20.68	20.59	22.5	0
3	QPSK	1	14	20.69	20.71	20.64		
3	QPSK	8	0	20.72	20.74	20.75		
3	QPSK	8	4	20.58	20.73	20.68	22.5	0
3	QPSK	8	7	20.75	20.65	20.63		
3	QPSK	15	0	20.72	20.54	20.61		
3	16QAM	1	0	20.79	20.79	20.51		
3	16QAM	1	8	20.74	20.76	20.77	22.5	0
3	16QAM	1	14	20.58	20.72	20.72		
3	16QAM	8	0	20.71	20.72	20.66

Band 7_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.71	20.76	20.73	22.5	0
20	QPSK	1	49	20.70	20.58	20.61		
20	QPSK	1	99	20.68	20.64	20.70		
20	QPSK	50	0	20.60	20.62	20.56	22.5	0
20	QPSK	50	24	20.54	20.58	20.55		
20	QPSK	50	50	20.56	20.56	20.53		
20	QPSK	100	0	20.56	20.57	20.56		
20	16QAM	1	0	20.52	20.55	20.58	22.5	0
20	16QAM	1	49	20.60	20.50	20.57		
20	16QAM	1	99	20.63	20.51	20.54		
20	16QAM	50	0	20.63	20.59	20.51	22.5	0
20	16QAM	50	24	20.66	20.62	20.66		
20	16QAM	50	50	20.50	20.60	20.67		
20	16QAM	100	0	20.53	20.66	20.66		
20	64QAM	1	0	20.69	20.66	20.58	22.5	0
20	64QAM	1	49	20.64	20.69	20.62		
20	64QAM	1	99	20.51	20.53	20.57		
20	64QAM	50	0	20.44	20.47	20.45	21.5	1
20	64QAM	50	24	20.49	20.39	20.42		
20	64QAM	50	50	20.56	20.41	20.51		
20	64QAM	100	0	20.47	20.48	20.42		
20	256QAM	1	0	17.75	17.65	17.72	19.5	3
20	256QAM	1	49	17.58	17.60	17.60		
20	256QAM	1	99	17.68	17.61	17.73		
20	256QAM	50	0	17.56	17.55	17.62	19.5	3
20	256QAM	50	24	17.68	17.64	17.59		
20	256QAM	50	50	17.60	17.59	17.73		
20	256QAM	100	0	17.71	17.56	17.67		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.61	20.62	20.58	22.5	0
15	QPSK	1	37	20.65	20.52	20.66		
15	QPSK	1	74	20.63	20.55	20.59		
15	QPSK	36	0	20.60	20.62	20.55	22.5	0
15	QPSK	36	20	20.52	20.52	20.53		
15	QPSK	36	39	20.69	20.50	20.54		
15	QPSK	75	0	20.68	20.66	20.51		
15	16QAM	1	0	20.58	20.59	20.56	22.5	0
15	16QAM	1	37	20.52	20.54	20.51		
15	16QAM	1	74	20.68	20.63	20.55		
15	16QAM	36	0	20.58	20.53	20.61	22.5	0
15	16QAM	36	20	20.57	20.50	20.60		
15	16QAM	36	39	20.63	20.51	20.56		
15	16QAM	75	0	20.60	20.61	20.61		
15	64QAM	1	0	20.63	20.55	20.58	22.5	0
15	64QAM	1	37	20.67	20.59	20.51		
15	64QAM	1	74	20.63	20.66	20.54		
15	64QAM	36	0	20.38	20.35	20.39	21.5	1
15	64QAM	36	20	20.33	20.27	20.30		
15	64QAM	36	39	20.42	20.34	20.46		
15	64QAM	75	0	20.42	20.39	20.37		
15	256QAM	1	0	17.69	17.50	17.64	19.5	3
15	256QAM	1	37	17.53	17.55	17.68		
15	256QAM	1	74	17.58	17.53	17.67		
15	256QAM	36	0	17.64	17.67	17.56	19.5	3
15	256QAM	36	20	17.62	17.53	17.54		
15	256QAM	36	39	17.68	17.50	17.67		
15	256QAM	75	0	17.55	17.60	17.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.61	20.63	20.55	22.5	0
10	QPSK	1	25	20.55	20.64	20.52		
10	QPSK	1	49	20.59	20.58	20.59		
10	QPSK	25	0	20.65	20.52	20.57	22.5	0
10	QPSK	25	12	20.58	20.51	20.52		
10	QPSK	25	25	20.61	20.60	20.58		
10	QPSK	50	0	20.60	20.61	20.51	22.5	0
10	16QAM	1	0	20.67	20.69	20.63		
10	16QAM	1	25	20.68	20.56	20.66		
10	16QAM	1	49	20.53	20.59	20.63		
10	16QAM	25	0	20.54	20.51	20.64	22.5	0
10	16QAM	25	12	20.51	20.54	20.50		
10	16QAM	25	25	20.54	20.66	20.60		
10	16QAM	50	0	20.67	20.61	20.57	22.5	0
10	64QAM	1	0	20.62	20.59	20.65		
10	64QAM	1	25	20.69	20.61	20.66		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	20.30	20.34	20.37	21.5	1
10	64QAM	25	12	20.41	20.25	20.30		
10	64QAM	25	25	20.43	20.31	20.43		
10	64QAM	50	0	20.35	20.34	20.32		
10	256QAM	1	0	17.64	17.69	17.57	19.5	3
10	256QAM	1	25	17.64	17.66	17.64		
10	256QAM	1	49	17.61	17.55	17.61		
10	256QAM	25	0	17.50	17.65	17.50	19.5	3
10	256QAM	25	12	17.59	17.53	17.64		
10	256QAM	25	25	17.69	17.69	17.60		
10	256QAM	50	0	17.62	17.67	17.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.64	20.61	20.68	22.5	0
5	QPSK	1	12	20.56	20.50	20.65		
5	QPSK	1	24	20.54	20.68	20.58		
5	QPSK	12	0	20.55	20.51	20.53	22.5	0
5	QPSK	12	7	20.58	20.53	20.59		
5	QPSK	12	13	20.50	20.61	20.54		
5	QPSK	25	0	20.50	20.67	20.50		
5	16QAM	1	0	20.58	20.67	20.52	22.5	0
5	16QAM	1	12	20.67	20.63	20.56		
5	16QAM	1	24	20.69	20.63	20.57		
5	16QAM	12	0	20.58	20.54	20.58	22.5	0
5	16QAM	12	7	20.58	20.51	20.58		
5	16QAM	12	13	20.55	20.59	20.57		
5	16QAM	25	0	20.60	20.55	20.58	22.5	0
5	64QAM	1	0	20.58	20.57	20.50		
5	64QAM	1	12	20.55	20.60	20.50		
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	20.30	20.42	20.37	21.5	1
5	64QAM	12	7	20.36	20.31	20.36		
5	64QAM	12	13	20.44	20.35	20.40		
5	64QAM	25	0	20.32	20.36	20.37		
5	256QAM	1	0	17.70	17.53	17.57	19.5	3
5	256QAM	1	12	17.66	17.69	17.54		
5	256QAM	1	24	17.63	17.54	17.63		
5	256QAM	12	0	17.61	17.69	17.54	19.5	3
5	256QAM	12	7	17.57	17.52	17.52		
5	256QAM	12	13	17.66	17.65	17.59		
5	256QAM	25	0	17.60	17.62	17.57		

Band 7_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.64	20.66	20.59	22	0
20	QPSK	1	49	20.39	20.50	20.50		
20	QPSK	1	99	20.48	20.51	20.57		
20	QPSK	50	0	20.41	20.53	20.33	22	0
20	QPSK	50	24	20.26	20.26	20.30		
20	QPSK	50	50	20.24	20.42	20.30		
20	QPSK	100	0	20.33	20.43	20.31		
20	16QAM	1	0	20.28	20.30	20.26	22	0
20	16QAM	1	49	20.34	20.36	20.39		
20	16QAM	1	99	20.42	20.49	20.33		
20	16QAM	50	0	20.30	20.25	20.36	22	0
20	16QAM	50	24	20.14	20.26	20.23		
20	16QAM	50	50	20.27	20.36	20.43		
20	16QAM	100	0	20.28	20.31	20.34		
20	64QAM	1	0	20.26	20.26	20.20	22	0
20	64QAM	1	49	20.19	20.32	20.27		
20	64QAM	1	99	20.41	20.37	20.39		
20	64QAM	50	0	20.11	20.32	20.34	22	0
20	64QAM	50	24	20.34	20.23	20.31		
20	64QAM	50	50	20.33	20.33	20.42		
20	64QAM	100	0	20.35	20.23	20.24		
20	256QAM	1	0	18.50	18.55	18.45	20	2
20	256QAM	1	49	18.32	18.29	18.28		
20	256QAM	1	99	18.38	18.31	18.22		
20	256QAM	50	0	18.36	18.38	18.21	20	2
20	256QAM	50	24	18.13	18.24	18.36		
20	256QAM	50	50	18.22	18.13	18.26		
20	256QAM	100	0	18.13	18.20	18.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.57	20.50	20.34	22	0
15	QPSK	1	37	20.25	20.41	20.40		
15	QPSK	1	74	20.35	20.39	20.46		
15	QPSK	36	0	20.28	20.38	20.25	22	0
15	QPSK	36	20	20.14	20.10	20.18		
15	QPSK	36	39	20.10	20.34	20.24		
15	QPSK	75	0	20.20	20.25	20.24		
15	16QAM	1	0	20.21	20.22	20.21	22	0
15	16QAM	1	37	20.22	20.28	20.26		
15	16QAM	1	74	20.37	20.35	20.17		
15	16QAM	36	0	20.24	20.17	20.24	22	0
15	16QAM	36	20	20.03	20.14	20.14		
15	16QAM	36	39	20.11	20.20	20.28		
15	16QAM	75	0	20.13	20.21	20.25		
15	64QAM	1	0	20.13	20.12	20.08	22	0
15	64QAM	1	37	20.08	20.20	20.22		
15	64QAM	1	74	20.36	20.25	20.25		
15	64QAM	36	0	20.11	20.24	20.24	22	0
15	64QAM	36	20	20.18	20.15	20.24		
15	64QAM	36	39	20.24	20.22	20.28		
15	64QAM	75	0	20.27	20.18	20.15		
15	256QAM	1	0	18.36	18.45	18.30	20	2
15	256QAM	1	37	18.22	18.15	18.13		
15	256QAM	1	74	18.33	18.26	18.08		
15	256QAM	36	0	18.29	18.33	18.05	20	2
15	256QAM	36	20	18.13	18.12	18.20		
15	256QAM	36	39	18.16	18.05	18.14		
15	256QAM	75	0	18.00	18.17	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.56	20.60	20.34	22	0
10	QPSK	1	25	20.33	20.38	20.34		
10	QPSK	1	49	20.36	20.43	20.44		
10	QPSK	25	0	20.25	20.34	20.25	22	0
10	QPSK	25	12	20.21	20.15	20.18		
10	QPSK	25	25	20.18	20.32	20.21		
10	QPSK	50	0	20.24	20.23	20.20	22	0
10	16QAM	1	0	20.18	20.17	20.19		
10	16QAM	1	25	20.27	20.29	20.33		
10	16QAM	1	49	20.30	20.35	20.21		
10	16QAM	25	0	20.19	20.17	20.22	22	0
10	16QAM	25	12	20.13	20.21	20.17		
10	16QAM	25	25	20.17	20.23	20.31		
10	16QAM	50	0	20.13	20.19	20.26	22	0
10	64QAM	1	0	20.18	20.17	20.04		
10	64QAM	1	25	20.13	20.17	20.11		
10	64QAM	1	49	20.33	20.31	20.28		
10	64QAM	25	0	20.15	20.17	20.23	22	0
10	64QAM	25	12	20.24	20.13	20.23		
10	64QAM	25	25	20.18	20.18	20.36		
10	64QAM	50	0	20.19	20.10	20.14	20	2
10	256QAM	1	0	18.34	18.49	18.40		
10	256QAM	1	25	18.18	18.14	18.21		
10	256QAM	1	49	18.21	18.18	18.14		
10	256QAM	25	0	18.22	18.23	18.08	20	2
10	256QAM	25	12	18.04	18.10	18.25		
10	256QAM	25	25	18.11	18.04	18.19		
10	256QAM	50	0	18.01	18.19	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.49	20.61	20.43	22	0
5	QPSK	1	12	20.30	20.44	20.36		
5	QPSK	1	24	20.33	20.38	20.42		
5	QPSK	12	0	20.25	20.40	20.18	22	0
5	QPSK	12	7	20.19	20.09	20.25		
5	QPSK	12	13	20.08	20.33	20.23		
5	QPSK	25	0	20.20	20.18	20.16	22	0
5	16QAM	1	0	20.16	20.22	20.21		
5	16QAM	1	12	20.19	20.23	20.25		
5	16QAM	1	24	20.26	20.38	20.25		
5	16QAM	12	0	20.22	20.38	20.26	22	0
5	16QAM	12	7	20.05	20.20	20.11		
5	16QAM	12	13	20.13	20.31	20.32		
5	16QAM	25	0	20.12	20.16	20.19	22	0
5	64QAM	1	0	20.10	20.27	20.04		
5	64QAM	1	12	20.03	20.27	20.12		
5	64QAM	1	24	20.28	20.27	20.27		
5	64QAM	12	0	20.20	20.19	20.27	22	0
5	64QAM	12	7	20.22	20.07	20.20		
5	64QAM	12	13	20.17	20.27	20.34		
5	64QAM	25	0	20.26	20.17	20.18	20	2
5	256QAM	1	0	18.41	18.41	18.29		
5	256QAM	1	12	18.19	18.19	18.12		
5	256QAM	1	24	18.24	18.26	18.09		
5	256QAM	12	0	18.24	18.24	18.08	20	2
5	256QAM	12	7	18.06	18.13	18.21		
5	256QAM	12	13	18.11	18.02	18.13		
5	256QAM	25	0	18.25	18.23	18.12		

Band 7_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.64	17.65	17.34	18	0
20	QPSK	1	49	17.52	17.36	17.30		
20	QPSK	1	99	17.48	17.47	17.22		
20	QPSK	50	0	17.36	17.43	17.15	18	0
20	QPSK	50	24	17.26	17.18	17.02		
20	QPSK	50	50	17.35	17.35	17.08		
20	QPSK	100	0	17.25	17.43	17.10		
20	16QAM	1	0	17.43	17.22	17.15	18	0
20	16QAM	1	49	17.30	17.30	17.00		
20	16QAM	1	99	17.31	17.19	17.14		
20	16QAM	50	0	17.29	17.21	17.09	18	0
20	16QAM	50	24	17.29	17.31	16.90		
20	16QAM	50	50	17.31	17.18	16.96		
20	16QAM	100	0	17.34	17.24	17.09		
20	64QAM	1	0	17.31	17.31	17.10	18	0
20	64QAM	1	49	17.29	17.15	17.03		
20	64QAM	1	99	17.35	17.30	17.02		
20	64QAM	50	0	17.29	17.23	17.09	18	0
20	64QAM	50	24	17.36	17.16	16.96		
20	64QAM	50	50	17.35	17.25	17.11		
20	64QAM	100	0	17.30	17.34	17.13		
20	256QAM	1	0	17.32	17.29	16.91	18	0
20	256QAM	1	49	17.36	17.27	17.04		
20	256QAM	1	99	17.29	17.22	16.90		
20	256QAM	50	0	17.25	17.27	16.97	18	0
20	256QAM	50	24	17.31	17.24	17.12		
20	256QAM	50	50	17.24	17.27	17.09		
20	256QAM	100	0	17.31	17.21	17.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.59	17.40	17.18	18	0
15	QPSK	1	37	17.47	17.24	17.20		
15	QPSK	1	74	17.33	17.38	17.06		
15	QPSK	36	0	17.27	17.27	17.06	18	0
15	QPSK	36	20	17.20	17.10	16.94		
15	QPSK	36	39	17.27	17.30	17.01		
15	QPSK	75	0	17.20	17.37	16.97		
15	16QAM	1	0	17.28	17.15	17.04	18	0
15	16QAM	1	37	17.16	17.20	16.88		
15	16QAM	1	74	17.26	17.04	17.04		
15	16QAM	36	0	17.18	17.08	17.03	18	0
15	16QAM	36	20	17.19	17.15	16.82		
15	16QAM	36	39	17.23	17.06	16.90		
15	16QAM	75	0	17.25	17.19	16.96		
15	64QAM	1	0	17.23	17.22	17.01	18	0
15	64QAM	1	37	17.24	17.10	16.93		
15	64QAM	1	74	17.24	17.24	16.95		
15	64QAM	36	0	17.22	17.18	17.02	18	0
15	64QAM	36	20	17.20	17.03	16.80		
15	64QAM	36	39	17.25	17.11	17.06		
15	64QAM	75	0	17.23	17.29	16.98		
15	256QAM	1	0	17.20	17.16	16.80	18	0
15	256QAM	1	37	17.29	17.18	16.91		
15	256QAM	1	74	17.16	17.16	16.83		
15	256QAM	36	0	17.12	17.22	16.82	18	0
15	256QAM	36	20	17.19	17.10	17.05		
15	256QAM	36	39	17.13	17.14	17.01		
15	256QAM	75	0	17.21	17.15	17.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.48	17.39	17.24	18	0
10	QPSK	1	25	17.46	17.29	17.20		
10	QPSK	1	49	17.39	17.31	17.13		
10	QPSK	25	0	17.22	17.38	17.03	18	0
10	QPSK	25	12	17.17	17.13	16.87		
10	QPSK	25	25	17.29	17.20	16.93		
10	QPSK	50	0	17.11	17.29	16.98	18	0
10	16QAM	1	0	17.27	17.16	17.09		
10	16QAM	1	25	17.17	17.21	16.95		
10	16QAM	1	49	17.25	17.07	17.09		
10	16QAM	25	0	17.13	17.16	17.00	18	0
10	16QAM	25	12	17.17	17.23	16.79		
10	16QAM	25	25	17.18	17.02	16.81		
10	16QAM	50	0	17.25	17.19	17.01	18	0
10	64QAM	1	0	17.21	17.25	17.03		
10	64QAM	1	25	17.15	17.04	16.89		
10	64QAM	1	49	17.21	17.18	16.92		
10	64QAM	25	0	17.22	17.11	16.95	18	0
10	64QAM	25	12	17.23	17.09	16.89		
10	64QAM	25	25	17.21	17.18	17.06		
10	64QAM	50	0	17.16	17.21	17.08	18	0
10	256QAM	1	0	17.26	17.18	16.83		
10	256QAM	1	25	17.22	17.15	16.94		
10	256QAM	1	49	17.21	17.18	16.74		
10	256QAM	25	0	17.17	17.19	16.92	18	0
10	256QAM	25	12	17.23	17.16	17.00		
10	256QAM	25	25	17.12	17.12	17.04		
10	256QAM	50	0	17.24	17.13	17.03	18	0
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.51	17.43	17.27	18	0
5	QPSK	1	12	17.36	17.28	17.18		
5	QPSK	1	24	17.43	17.31	17.16		
5	QPSK	12	0	17.21	17.33	17.05	18	0
5	QPSK	12	7	17.10	17.08	16.94		
5	QPSK	12	13	17.20	17.25	16.96		
5	QPSK	25	0	17.14	17.31	17.03	18	0
5	16QAM	1	0	17.28	17.08	16.99		
5	16QAM	1	12	17.23	17.17	16.85		
5	16QAM	1	24	17.17	17.06	17.00		
5	16QAM	12	0	17.20	17.08	16.98	18	0
5	16QAM	12	7	17.19	17.25	16.77		
5	16QAM	12	13	17.22	17.10	16.81		
5	16QAM	25	0	17.18	17.18	17.01	18	0
5	64QAM	1	0	17.23	17.20	16.95		
5	64QAM	1	12	17.19	17.10	16.92		
5	64QAM	1	24	17.30	17.22	16.91		
5	64QAM	12	0	17.16	17.11	16.95	18	0
5	64QAM	12	7	17.24	17.10	16.86		
5	64QAM	12	13	17.25	17.15	17.06		
5	64QAM	25	0	17.17	17.29	17.07	18	0
5	256QAM	1	0	17.17	17.17	16.76		
5	256QAM	1	12	17.27	17.21	16.98		
5	256QAM	1	24	17.17	17.16	16.78		
5	256QAM	12	0	17.19	17.11	16.92	18	0
5	256QAM	12	7	17.23	17.13	17.01		
5	256QAM	12	13	17.09	17.21	17.03		
5	256QAM	25	0	17.18	17.10	17.03		

Band 26_Ant 0_Other PA

BW [MHz]	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	23.91	23.98	23.73	25	0
15	QPSK	1	37	23.68	23.80	23.53		
15	QPSK	1	74	23.88	23.78	23.62		
15	QPSK	36	0	22.90	22.94	22.65	24	1
15	QPSK	36	20	22.76	22.79	22.57		
15	QPSK	36	39	22.81	22.77	22.57		
15	QPSK	75	0	22.78	22.82	22.67		
15	16QAM	1	0	22.87	22.96	22.92	24	1
15	16QAM	1	37	22.80	22.94	22.69		
15	16QAM	1	74	22.95	22.97	22.86		
15	16QAM	36	0	21.73	21.81	21.65	23	2
15	16QAM	36	20	21.69	21.71	21.59		
15	16QAM	36	39	21.73	21.79	21

Band 26_Ant 1_Other PA

BW [MHz]	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	22.39	22.41	22.18	24	0
15	QPSK	1	37	22.21	22.31	22.03		
15	QPSK	1	74	22.33	22.20	22.16		
15	QPSK	36	0	22.11	22.15	22.00	24	0
15	QPSK	36	20	22.05	22.11	22.08		
15	QPSK	36	39	22.09	22.08	22.05		
15	QPSK	75	0	22.03	22.05	22.02		
15	16QAM	1	0	22.04	22.12	22.09	24	0
15	16QAM	1	37	22.02	22.05	22.03		
15	16QAM	1	74	22.18	22.11	22.00		
15	16QAM	36	0	21.09	21.25	21.16	23	1
15	16QAM	36	20	21.19	21.19	21.09		
15	16QAM	36	39	21.28	21.25	21.07		
15	16QAM	75	0	21.13	21.17	21.09		
15	64QAM	1	0	21.31	21.33	21.27	23	1
15	64QAM	1	37	21.23	21.40	21.07		
15	64QAM	1	74	21.43	21.33	21.23		
15	64QAM	36	0	20.14	20.18	20.05	22	2
15	64QAM	36	20	20.21	20.16	20.17		
15	64QAM	36	39	20.18	20.17	20.04		
15	64QAM	75	0	20.12	20.19	20.08		
15	256QAM	1	0	18.55	18.54	18.66	20	4
15	256QAM	1	37	18.49	18.45	18.40		
15	256QAM	1	74	18.43	18.36	18.30		
15	256QAM	36	0	18.36	18.36	18.38		
15	256QAM	36	20	18.24	18.29	18.33	20	4
15	256QAM	36	39	18.18	18.29	18.18		
15	256QAM	75	0	18.37	18.37	18.30		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.19	22.26	22.06	24	0
10	QPSK	1	25	22.13	22.20	22.15		
10	QPSK	1	49	22.22	22.04	22.05		
10	QPSK	25	0	22.06	22.07	22.02	24	0
10	QPSK	25	12	22.00	22.07	22.13		
10	QPSK	25	25	22.02	22.08	22.18		
10	QPSK	50	0	22.08	22.13	22.04		
10	16QAM	1	0	22.11	22.16	22.18	24	0
10	16QAM	1	25	22.13	22.14	22.05		
10	16QAM	1	49	22.07	22.16	22.07		
10	16QAM	25	0	21.00	21.10	21.06	23	1
10	16QAM	25	12	21.14	21.10	21.12		
10	16QAM	25	25	21.18	21.11	21.18		
10	16QAM	50	0	21.06	21.12	21.14		
10	64QAM	1	0	21.23	21.27	21.15	23	1
10	64QAM	1	25	22.07	21.33	21.15		
10	64QAM	1	49	21.27	21.26	21.09		
10	64QAM	25	0	20.04	20.04	20.09	22	2
10	64QAM	25	12	20.12	20.01	20.03		
10	64QAM	25	25	20.08	20.08	20.19		
10	64QAM	50	0	20.04	20.04	20.17		
10	256QAM	1	0	18.44	18.49	18.62	20	4
10	256QAM	1	25	18.39	18.30	18.32		
10	256QAM	1	49	18.30	18.21	18.19		
10	256QAM	25	0	18.22	18.21	18.28	20	4
10	256QAM	25	12	18.10	18.14	18.27		
10	256QAM	25	25	18.12	18.18	18.08		
10	256QAM	50	0	18.14	18.24	18.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.19	22.27	22.02	24	0
5	QPSK	1	12	22.05	22.18	22.13		
5	QPSK	1	24	22.23	22.11	22.11		
5	QPSK	12	0	22.06	22.02	22.08	24	0
5	QPSK	12	7	22.10	22.07	22.11		
5	QPSK	12	13	22.00	22.10	22.06		
5	QPSK	25	0	22.03	22.10	22.02		
5	16QAM	1	0	22.16	22.22	22.03	24	0
5	16QAM	1	12	22.07	22.12	22.02		
5	16QAM	1	24	22.02	22.00	22.14		
5	16QAM	12	0	21.13	21.09	21.04	23	1
5	16QAM	12	7	21.14	21.09	21.03		
5	16QAM	12	13	21.13	21.18	21.17		
5	16QAM	25	0	21.05	21.07	21.18		
5	64QAM	1	0	21.26	21.17	21.16	23	1
5	64QAM	1	12	21.10	21.24	21.02		
5	64QAM	1	24	21.28	21.22	21.12		
5	64QAM	12	0	20.08	20.02	20.09	22	2
5	64QAM	12	7	20.07	20.05	20.12		
5	64QAM	12	13	20.03	20.07	20.16		
5	64QAM	25	0	20.08	20.08	20.17		
5	256QAM	1	0	18.50	18.45	18.57	20	4
5	256QAM	1	12	18.37	18.35	18.34		
5	256QAM	1	24	18.33	18.32	18.22		
5	256QAM	12	0	18.27	18.21	18.26	20	4
5	256QAM	12	7	18.10	18.22	18.24		
5	256QAM	12	13	18.09	18.14	18.03		
5	256QAM	25	0	18.14	18.23	18.21		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.14	22.25	22.09	24	0
3	QPSK	1	8	22.12	22.26	22.11		
3	QPSK	1	14	22.17	22.15	22.11		
3	QPSK	8	0	22.15	22.04	22.05	24	0
3	QPSK	8	4	22.17	22.04	22.08		
3	QPSK	8	7	22.13	22.11	22.01		
3	QPSK	15	0	22.02	22.11	22.05		
3	16QAM	1	0	22.16	22.07	22.02	24	0
3	16QAM	1	8	22.07	22.09	22.05		
3	16QAM	1	14	22.03	22.05	22.14		
3	16QAM	8	0	21.13	21.11	21.00	23	1
3	16QAM	8	4	21.08	21.13	21.06		
3	16QAM	8	7	21.18	21.15	21.15		
3	16QAM	15	0	21.06	21.05	21.18		
3	64QAM	1	0	22.02	21.19	21.22	23	1
3	64QAM	1	8	21.16	21.29	21.00		
3	64QAM	1	14	21.30	21.25	21.17		
3	64QAM	8	0	20.00	20.05	20.13	22	2
3	64QAM	8	4	20.14	20.07	20.03		
3	64QAM	8	7	20.02	20.08	20.13		
3	64QAM	15	0	20.05	20.06	20.12		
3	256QAM	1	0	18.40	18.45	18.57	20	4
3	256QAM	1	8	18.34	18.34	18.32		
3	256QAM	1	14	18.31	18.30	18.28		
3	256QAM	8	0	18.20	18.26	18.23	20	4
3	256QAM	8	4	18.10	18.17	18.18		
3	256QAM	8	7	18.02	18.16	18.07		
3	256QAM	15	0	18.12	18.24	18.14		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.17	22.27	22.03	24	0
1.4	QPSK	1	3	22.15	22.17	22.16		
1.4	QPSK	1	5	22.28	22.19	22.05		
1.4	QPSK	3	0	22.02	22.09	22.06		
1.4	QPSK	3	1	22.10	22.12	22.05		
1.4	QPSK	3	3	22.17	22.04	22.06		
1.4	QPSK	6	0	22.02	22.14	22.07	24	0
1.4	16QAM	1	0	22.08	22.00	22.03	24	0
1.4	16QAM	1	3	22.10	22.11	22.01		
1.4	16QAM	1	5	22.09	22.03	22.11		
1.4	16QAM	3	2	22.07	22.08	22.06		
1.4	16QAM	3	1	22.06	22.06	22.07		
1.4	16QAM	3	3	22.08	22.03	22.07		
1.4	16QAM	6	0	21.06	21.06	21.15	23	1
1.4	64QAM	1	0	21.21	21.21	21.02	23	1
1.4	64QAM	1	3	21.16	21.34	21.19		
1.4	64QAM	1	5	21.31	21.26	21.18		
1.4	64QAM	3	0	21.09	21.20	21.08		
1.4	64QAM	3	1	22.02	21.18	21.11		
1.4	64QAM	3	3	21.15	21.08	21.08		
1.4	64QAM	6	0	20.12	20.11	20.03	22	2
1.4	256QAM	1	0	18.49	18.45	18.59	20	4
1.4	256QAM	1	3	18.39	18.33	18.29		
1.4	256QAM	1	5	18.31	18.25	18.21		
1.4	256QAM	3	0	18.27	18.24	18.27		
1.4	256QAM	3	1	18.12	18.22	18.17		
1.4	256QAM	3	3	18.08	18.20	18.08		
1.4	256QAM	6	0	18.07	18.21	18.22	20	4

Band 66_Ant 4_Other PA

BW [MHz]	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	20.59	20.64	20.51	21.5	0
20	QPSK	1	49	20.58	20.52	20.36		
20	QPSK	1	99	20.40	20.53	20.39		
20	QPSK	50	0	20.37	20.39	20.25	21.5	0
20	QPSK	50	24	20.33	20.26	20.20		
20	QPSK	50	50	20.36	20.26	20.18		
20	QPSK	100	0	20.36	20.38	20.16		
20	16QAM	1	0	20.57	20.58	20.23	21.5	0
20	16QAM	1	49	20.49	20.35	20.33		
20	16QAM	1	99	20.41	20.10	20.24		
20	16QAM	50	0	20.34	20.27	20.23	21.5	0
20	16QAM	50	24	20.30	20.26	20.20		
20	16QAM	50	50	20.38	20.28	20.15		
20	16QAM	100	0	20.36	20.27	20.22		
20	64QAM	1	0	20.36	20.35	20.22	21.5	0
20	64QAM	1	49	20.40	20.26	20.30		
20	64QAM	1	99	20.42	20.04	20.14		
20	64QAM	50	0	20.13	19.94	19.97	21	0.5
20	64QAM	50	24	20.01	20.01	19.84		
20	64QAM	50	50	20.02	19.94	19.88		
20	64QAM	100	0	20.10	20.01	19.83		
20	256QAM	1	0	18.07	18.14	17.96	19	2.5
20	256QAM	1	49	18.04	18.04	18.05		
20	256QAM	1	99	17.86	17.92	17.89		
20	256QAM	50	0	17.87	17.92	17.80		
20	256QAM	50	24	17.83	17.89	17.84		
20	256QAM	50	50	17.99	18.00	18.09		
20	256QAM	100	0	18.01	17.96	17.86		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.44	20.59	20.42	21.5	0
15	QPSK	1	37	20.51	20.42	20.27		
15	QPSK	1	74	20.34	20.39	20.29		
15	QPSK	36	0	20.27	20.20	20.13	21.5	0
15	QPSK	36	20	20.21	20.10	20.11		
15	QPSK	36	39	20.26	20.16	20.03		
15	QPSK	75	0	20.28	20.22	20.10		
15	16QAM	1	0	20.47	20.46	20.15	21.5	0
15	16QAM	1	37	20.39	20.29	20.23		
15	16QAM	1	74	20.31	19.94	20.17		
15	16QAM	36	0	20.20	20.13	20.07	21.5	0
15	16QAM	36	20	20.30	20.15	20.04		
15	16QAM	36	39	20.26	20.21	20.05		
15	16QAM	75	0	20.28	20.11	20.17		
15	64QAM	1	0	20.21	20.22	20.17	21.5	0
15	64QAM	1	37	20.29	20.20	20.20		
15	64QAM	1	74	20.27	19.92	20.05		
15	64QAM	36	0	20.08	19.85	19.81	21	0.5
15	64QAM	36	20	19.87	19.89	19.78		
15	64QAM	36	39	19.95	19.85	19.92		
15	64QAM	75	0	19.97	19.94	19.77		
15	256QAM	1	0	17.96	18.09	17.84	19	2.5
15	256QAM	1	37	17.89	17.98	18.00		
15	256QAM	1	74	17.70	17.81	17.82		
15	256QAM	36	0	17.82	17.68	17.71	19	2.5
15	256QAM	36	20	17.71	17.84	17.77		
15	256QAM	36	39	17.83	17.93	17.94		
15	256QAM	75	0	17.84	17.76	17.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.48	20.52	20.37	21.5	0
10	QPSK	1	25	20.53	20.36	20.25		
10	QPSK	1	49	20.30	20.37	20.30		
10	QPSK	25	0	20.29	20.31	20.17	21.5	0
10	QPSK	25	12	20.20	20.19	20.05		
10	QPSK	25	25	20.27	20.10	20.12		
10	QPSK	50	0	20.27	20.25	20.08		
10	16QAM	1	0	20.42	20.43	20.11	21.5	0
10	16QAM	1	25	20.43	20.22	20.25		
10	16QAM	1	49	20.31	20.05	20.09		
10	16QAM	25	0	20.26	20.15	20.18	21.5	0
10	16QAM	25	12	20.25	20.16	20.12		
10	16QAM	25	25	20.26	20.16	20.09		
10	16QAM	50	0	20.29	20.15	20.08		
10	64QAM	1	0	20.31	20.20	20.07	21.5	0
10	64QAM	1	25	20.30	20.19	20.19		
10	64QAM	1	49	20.30	19.96	20.06		
10	64QAM	25	0	20.05	19.86	19.83	21	0.5
10	64QAM	25	12	19.93	19.95	19.73		
10	64QAM	25	25	19.95	19.82	19.72		
10	64QAM	50	0	19.95	19.85	19.70		
10	256QAM	1	0	17.96	18.05	17.91	19	2.5
10	256QAM	1	25	17.90	17.92	17.98		
10	256QAM	1	49	17.81	17.80	17.74		
10	256QAM	25	0	17.78	17.69	17.74	19	2.5
10	256QAM	25	12	17.71	17.83	17.73		
10	256QAM	25	25	17.91	17.85	17.99		
10	256QAM	50	0	17.87	17.73	17.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.43	20.53	20.36	21.5	0
5	QPSK	1	12	20.50	20.39	20.20		
5	QPSK	1	24	20.25	20.40	20.31		
5	QPSK	12	0	20.25	20.24	20.14	21.5	0
5	QPSK	12	7	20.27	20.19	20.05		
5	QPSK	12	13	20.31	20.17	20.08		
5	QPSK	25	0	20.28	20.22	20.07		
5	16QAM	1	0	20.52	20.51	20.16	21.5	0
5	16QAM	1	12	20.44	20.22	20.28		
5	16QAM	1	24	20.29	20.02	20.08		
5	16QAM	12	0	20.21	20.17	20.08	21.5	0
5	16QAM	12	7	20.17	20.17	20.14		
5	16QAM	12	13	20.27	20.13	20.02		
5	16QAM	25	0	20.30	20.12	20.14		
5	64QAM	1	0	20.22	20.24	20.12	21.5	0
5	64QAM	1	12	20.24	20.12	20.24		
5	64QAM	1	24	20.37	19.89	20.04		
5	64QAM	12	0	20.05	19.78	19.86	21	0.5
5	64QAM	12	7	19.89	19.86	19.73		
5	64QAM	12	13	19.95	19.81	19.73		
5	64QAM	25	0	20.03	19.89	19.75		
5	256QAM	1	0	17.94	18.06	17.85	19	2.5
5	256QAM	1	12	17.96	17.93	18.00		
5	256QAM	1	24	17.80	17.78	17.81		
5	256QAM	12	0	17.78	17.72	17.64	19	2.5
5	256QAM	12	7	17.77	17.84	17.68		
5	256QAM	12	13	17.94	17.92	17.98		
5	256QAM	25	0	17.91	17.84	17.71		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.39	20.53	20.46	21.5	0
3	QPSK	1	8	20.43	20.46	20.25		
3	QPSK	1	14	20.24	20.39	20.25		
3	QPSK	8	0	20.26	20.29	20.19	21.5	0
3	QPSK	8	4	20.23	20.14	20.12		
3	QPSK	8	7	20.22	20.20	20.10		
3	QPSK	15	0	20.30	20.33	20.05		
3	16QAM	1	0	20.49	20.46	20.10	21.5	0
3	16QAM	1	8	20.41	20.23	20.26		
3	16QAM	1	14	20.36	20.00	20.08		
3	16QAM	8	0	20.19	20.20	20.13	21.5	0
3	16QAM	8	4	20.23	20.15	20.05		
3	16QAM	8	7	20.31	20.20	20.07		
3	16QAM	15	0	20.25	20.21	20.16		
3	64QAM	1	0	20.28	20.26	20.06	21.5	0
3	64QAM	1	8	20.25	20.15	20.21		
3	64QAM	1	14	20.26	19.91	20.08		
3	64QAM	8	0	20.05	19.87	19.86	21	0.5
3	64QAM	8	4	19.88	19.88	19.78		
3	64QAM	8	7	19.86	19.83	19.82		
3	64QAM	15	0	20.04	19.86	19.74		
3	256QAM	1	0	17.97	18.08	17.87	19	2.5
3	256QAM	1	8	17.90	17.91	17.89		
3	256QAM	1	14	17.70	17.79	17.84		
3	256QAM	8	0	17.82	17.72	17.75	19	2.5
3	256QAM	8	4	17.70	17.77	17.68		
3	256QAM	8	7	17.85	17.85	17.74		
3	256QAM	15	0	17.95	17.73	17.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.41	20.53	20.35	21.5	0
1.4	QPSK	1	3	20.42	20.37	20.29		
1.4	QPSK	1	5	20.31	20.37	20.28		
1.4	QPSK	3	0	20.22	20.28	20.21		
1.4	QPSK	3	1	20.22	20.20	20.15		
1.4	QPSK	3	3	20.27	20.13	20.08		
1.4	QPSK	6	0	20.24	20.27	20.10	21.5	0
1.4	16QAM	1	0	20.49	20.49	20.07	21.5	0
1.4	16QAM	1	3	20.40	20.30	20.24		
1.4	16QAM	1	5	20.36	20.04	20.13		
1.4	16QAM	3	0	20.19	20.19	20.18		
1.4	16QAM	3	1	20.24	20.11	20.07		
1.4	16QAM	3	3	20.26	20.22	20.08		
1.4	16QAM	6	0	20.21	20.21	20.14	21.5	0
1.4	64QAM	1	0	20.28	20.22	20.17	21.5	0
1.4	64QAM	1	3	20.34	20.10	20.19		
1.4	64QAM	1	5	20.36	19.94	20.03		
1.4	64QAM	3	0	19.97	19.86	19.82		
1.4	64QAM	3	1	19.93	19.96	19.70		
1.4	64QAM	3	3	19.96	19.80	19.79		
1.4	64QAM	6	0	20.04	19.85	19.70	21	0.5
1.4	256QAM	1	0	17.93	18.02	17.88	19	2.5
1.4	256QAM	1	3	17.89	17.99	18.00		
1.4	256QAM	1	5	17.75	17.84	17.74		
1.4	256QAM	3	0	17.80	17.72	17.68		
1.4	256QAM	3	1	17.72	17.78	17.77		
1.4	256QAM	3	3	17.84	17.84	17.66		
1.4	256QAM	6	0	17.97	17.76	17.71	19	2.5

Band 66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.92	24.03	23.87	25	0
20	QPSK	1	49	23.88	24.02	23.75		
20	QPSK	1	99	23.92	23.82	23.76		
20	QPSK	50	0	22.95	23.01	22.85	24	1
20	QPSK	50	24	22.90	22.89	22.84		
20	QPSK	50	50	22.92	22.89	22.75		
20	QPSK	100	0	22.98	22.99	22.86		
20	16QAM	1	0	23.11	23.16	23.04	24	1
20	16QAM	1	49	23.21	23.10	22.93		
20	16QAM	1	99	23.10	22.89	22.93		
20	16QAM	50	0	21.95	21.91	21.94	23	2
20	16QAM	50	24	21.88	21.94	21.79		
20	16QAM	50	50	21.88	21.93	21.70		
20	16QAM	100	0	21.97	21.90	21.73		
20	64QAM	1	0	22.09	22.22	21.98	23	2
20	64QAM	1	49	22.15	22.02	22.02		
20	64QAM	1	99	21.97	21.83	21.78		
20	64QAM	50	0	20.91	20.91	20.82	22	3
20	64QAM	50	24	20.91	20.90	20.78		
20	64QAM	50	50	20.94	20.96	20.77		
20	64QAM	100	0	20.89	20.97	20.84		
20	256QAM	1	0	18.97	18.90	18.98	20	5
20	256QAM	1	49	18.96	19.03	18.95		
20	256QAM	1	99	18.93	18.94	18.93		
20	256QAM	50	0	18.86	18.89	18.91	20	5
20	256QAM	50	24	18.89	18.87	18.89		
20	256QAM	50	50	18.85	18.93	18.82		
20	256QAM	100	0	18.90	18.82	18.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.77	23.86	23.80	25	0
15	QPSK	1	37	23.73	23.97	23.70		
15	QPSK	1	74	23.81	23.77	23.67		
15	QPSK	36	0	22.79	22.91	22.73	24	1
15	QPSK	36	20	22.77	22.84	22.74		
15	QPSK	36	39	22.83	22.81	22.70		
15	QPSK	75	0	22.83	22.81	22.72		
15	16QAM	1	0	22.93	23.07	22.98	24	1
15	16QAM	1	37	23.13	23.02	22.83		
15	16QAM	1	74	23.03	22.81	22.83		
15	16QAM	36	0	21.89	21.86	21.86	23	2
15	16QAM	36	20	21.79	21.89	21.58		
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Band 66_Ant 3_Other PA

BW [MHz]	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	19.53	19.54	19.27		
20	QPSK	1	49	19.45	19.25	19.03	21	0
20	QPSK	1	99	19.28	19.19	19.10		
20	QPSK	50	0	19.18	19.32	19.05		
20	QPSK	50	24	19.09	19.01	19.00	21	0
20	QPSK	50	50	19.09	19.05	19.00		
20	QPSK	100	0	19.15	19.22	19.00		
20	16QAM	1	0	19.44	19.35	19.04		
20	16QAM	1	49	19.39	19.27	19.03	21	0
20	16QAM	1	99	19.20	19.02	19.04		
20	16QAM	50	0	19.28	19.12	19.02		
20	16QAM	50	24	19.24	19.10	19.02	21	0
20	16QAM	50	50	19.16	19.00	19.02		
20	16QAM	100	0	19.26	19.09	19.09		
20	64QAM	1	0	19.46	19.20	19.10		
20	64QAM	1	49	19.30	19.15	19.10	21	0
20	64QAM	1	99	19.13	19.01	19.02		
20	64QAM	50	0	19.20	19.08	19.00		
20	64QAM	50	24	19.33	19.11	19.07	21	0
20	64QAM	50	50	19.15	19.11	19.01		
20	64QAM	100	0	19.26	19.15	19.01		
20	256QAM	1	0	19.24	19.22	19.19		
20	256QAM	1	49	19.13	19.13	19.24	20	1
20	256QAM	1	99	19.22	19.19	19.28		
20	256QAM	50	0	19.17	19.12	19.18		
20	256QAM	50	24	19.01	19.06	18.93	20	1
20	256QAM	50	50	19.08	19.04	19.20		
20	256QAM	100	0	19.23	19.09	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.33	19.34	19.12		
15	QPSK	1	37	19.35	19.12	19.08	21	0
15	QPSK	1	74	19.19	19.04	19.05		
15	QPSK	36	0	19.13	19.25	19.03		
15	QPSK	36	20	19.10	19.06	19.10	21	0
15	QPSK	36	39	19.09	19.02	19.16		
15	QPSK	75	0	19.10	19.22	19.23		
15	16QAM	1	0	19.38	19.20	19.32		
15	16QAM	1	37	19.27	19.18	19.24	21	0
15	16QAM	1	74	19.12	19.06	19.19		
15	16QAM	36	0	19.15	19.09	19.24		
15	16QAM	36	20	19.13	19.15	19.12	21	0
15	16QAM	36	39	19.07	19.01	19.09		
15	16QAM	75	0	19.16	19.05	19.01		
15	64QAM	1	0	19.32	19.15	19.12		
15	64QAM	1	37	19.20	19.10	19.04	21	0
15	64QAM	1	74	19.09	19.19	19.04		
15	64QAM	36	0	19.11	19.07	19.24		
15	64QAM	36	20	19.23	19.16	19.00	21	0
15	64QAM	36	39	19.02	19.08	19.22		
15	64QAM	75	0	19.18	19.03	19.09		
15	256QAM	1	0	19.14	19.12	19.34		
15	256QAM	1	37	19.05	19.05	19.18	20	1
15	256QAM	1	74	19.15	19.12	19.17		
15	256QAM	36	0	19.03	19.02	19.09		
15	256QAM	36	20	18.87	18.90	18.80	20	1
15	256QAM	36	39	19.00	18.93	19.04		
15	256QAM	75	0	19.17	18.95	18.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.38	19.30	19.16		
10	QPSK	1	25	19.35	19.11	19.23	21	0
10	QPSK	1	49	19.16	19.08	19.35		
10	QPSK	25	0	19.02	19.22	19.24		
10	QPSK	25	12	19.08	19.06	19.09	21	0
10	QPSK	25	25	19.14	19.06	19.17		
10	QPSK	50	0	19.09	19.23	19.22		
10	16QAM	1	0	19.48	19.32	19.26		
10	16QAM	1	25	19.43	19.32	19.30	21	0
10	16QAM	1	49	19.22	19.05	19.24		
10	16QAM	25	0	19.33	19.17	19.28		
10	16QAM	25	12	19.27	19.10	19.21	21	0
10	16QAM	25	25	19.16	19.24	19.17		
10	16QAM	50	0	19.27	19.03	19.27		
10	64QAM	1	0	19.40	19.20	19.26		
10	64QAM	1	25	19.28	19.34	19.27	21	0
10	64QAM	1	49	19.08	19.17	19.31		
10	64QAM	25	0	19.08	19.00	19.29		
10	64QAM	25	12	19.20	19.05	19.27	21	0
10	64QAM	25	25	19.02	19.06	19.23		
10	64QAM	50	0	19.21	19.04	19.18		
10	256QAM	1	0	19.11	19.17	19.09		
10	256QAM	1	25	18.99	19.01	19.14	20	1
10	256QAM	1	49	19.16	19.14	19.19		
10	256QAM	25	0	19.06	19.07	19.13		
10	256QAM	25	12	18.86	18.94	18.82	20	1
10	256QAM	25	25	18.97	18.88	19.10		
10	256QAM	50	0	19.07	18.99	19.00		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.35	19.36	19.12		
5	QPSK	1	12	19.36	19.18	19.00	21	0
5	QPSK	1	24	19.16	19.14	19.05		
5	QPSK	12	0	19.13	19.21	19.09		
5	QPSK	12	7	19.06	19.22	19.10	21	0
5	QPSK	12	13	19.03	19.24	19.18		
5	QPSK	25	0	19.09	19.45	19.24		
5	16QAM	1	0	19.30	19.29	19.06		
5	16QAM	1	12	19.27	19.19	19.06	21	0
5	16QAM	1	24	19.13	19.06	19.18		
5	16QAM	12	0	19.21	19.06	19.24		
5	16QAM	12	7	19.11	19.05	19.22	21	0
5	16QAM	12	13	19.04	19.21	19.09		
5	16QAM	25	0	19.20	19.10	19.01		
5	64QAM	1	0	19.39	19.20	19.07		
5	64QAM	1	12	19.17	19.14	19.10	21	0
5	64QAM	1	24	19.05	19.08	19.24		
5	64QAM	12	0	19.11	19.02	19.01		
5	64QAM	12	7	19.22	19.14	19.02	21	0
5	64QAM	12	13	19.01	19.16	19.22		
5	64QAM	25	0	19.18	19.09	19.08		
5	256QAM	1	0	19.13	19.15	19.07		
5	256QAM	1	12	19.06	18.97	19.15	20	1
5	256QAM	1	24	19.14	19.05	19.18		
5	256QAM	12	0	19.01	19.03	19.10		
5	256QAM	12	7	18.96	19.01	18.79	20	1
5	256QAM	12	13	18.93	18.95	19.06		
5	256QAM	25	0	19.10	18.98	19.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.34	19.36	19.21		
3	QPSK	1	8	19.30	19.18	19.07	21	0
3	QPSK	1	14	19.23	19.14	19.13		
3	QPSK	8	0	19.12	19.26	19.02		
3	QPSK	8	4	19.04	19.01	19.17	21	0
3	QPSK	8	7	19.04	19.01	19.17		
3	QPSK	15	0	19.03	19.19	19.17		
3	16QAM	1	0	19.33	19.30	19.29		
3	16QAM	1	8	19.25	19.27	19.24	21	0
3	16QAM	1	14	19.08	19.07	19.21		
3	16QAM	8	0	19.16	19.17	19.26		
3	16QAM	8	4	19.14	19.15	19.16	21	0
3	16QAM	8	7	19.02	19.00	19.10		
3	16QAM	15	0	19.18	19.05	19.18		
3	64QAM	1	0	19.38	19.14	19.05		
3	64QAM	1	8	19.14	19.14	19.12	21	0
3	64QAM	1	14	19.09	19.15	19.06		
3	64QAM	8	0	19.14	19.01	19.22		
3	64QAM	8	4	19.19	19.04	19.23	21	0
3	64QAM	8	7	19.03	19.03	19.29		
3	64QAM	15	0	19.18	19.04	19.16		
3	256QAM	1	0	19.19	19.14	19.13		
3	256QAM	1	8	19.07	19.06	19.10	20	1
3	256QAM	1	14	19.10	19.04	19.14		
3	256QAM	8	0	19.12	19.05	19.02		
3	256QAM	8	4	18.87	18.96	18.77	20	1
3	256QAM	8	7	18.99	18.98	19.12		
3	256QAM	15	0	19.11	18.95	19.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.37	19.31	19.11		
1.4	QPSK	1	3	19.39	19.16	19.04		
1.4	QPSK	1	5	19.23	19.08	19.08	21	0
1.4	QPSK	3	0	19.05	19.17	19.03		
1.4	QPSK	3	1	19.08	19.04	19.10		
1.4	QPSK	3	3	19.06	19.02	19.10		
1.4	QPSK	6	0	19.09	19.17	19.16	21	0
1.4	16QAM	1	0	19.39	19.32	19.30		
1.4	16QAM	1	3	19.24	19.31	19.29		
1.4	16QAM	1	5	19.13	19.22	19.23	21	0
1.4	16QAM	3	0	19.23	19.07	19.32		
1.4	16QAM	3	1	19.17	19.04	19.18		
1.4	16QAM	3	3	19.02	19.01	19.09		
1.4	16QAM	6	0	19.17	19.05	19.26	21	0
1.4	64QAM	1	0	19.36	19.21	19.34		
1.4	64QAM	1	3	19.25	19.12	19.40		
1.4	64QAM	1	5	19.06	19.09	19.24	21	0
1.4	64QAM	3	0	19.07	19.08	19.19		
1.4	64QAM	3	1	19.28	19.09	19.26		
1.4	64QAM	3	3	19.09	19.00	19.22		
1.4	64QAM	6	0	19.12	19.00	19.10	21	0
1.4	256QAM	1	0	19.18	19.08	19.14		
1.4	256QAM	1	3	19.03	19.05	19.16	20	1
1.4	256QAM	1	5	19.12	19.09	19.23		
1.4	256QAM	3	0	19.04	19.03	19.06		
1.4	256QAM	3	1	18.95	18.91	18.87		
1.4	256QAM	3	3	19.01	18.88	19.06		
1.4	256QAM	6	0	19.14	18.97	19.04	20	1

Band 38_Ant 4_Other PA

BW [MHz]	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	17.15	17.16	17.14	18.5	0
20	QPSK	1	49	17.07	16.93	16.96		
20	QPSK	1	99	17.13	17.08	17.05		
20	QPSK	50	0	16.89	16.95	16.82	18.5	0
20	QPSK	50	24	16.88	16.90	16.70		
20	QPSK	50	50	16.86	16.74	16.72		
20	QPSK	100	0	16.85	16.86	16.76		
20	16QAM	1	0	16.74	16.79	16.65	18.5	0
20	16QAM	1	49	16.81	16.74	16.63		
20	16QAM	1	99	16.82	16.72	16.71		
20	16QAM	50	0	16.85	16.82	16.67	18.5	0
20	16QAM	50	24	16.91	16.68	16.74		
20	16QAM	50	50	16.91	16.84	16.85		
20	16QAM	100	0	16.85	16.83	16.86		
20	64QAM	1	0	16.66	16.72	16.60	18.5	0
20	64QAM	1	49	16.76	16.62	16.58		
20	64QAM	1	99	16.67	16.59	16.56		
20	64QAM	50	0	16.82	16.88	16.85	18.5	0
20	64QAM	50	24	16.80	16.66	16.72		
20	64QAM	50	50	16.94	16.86	16.75		
20	64QAM	100	0	16.86	16.88	16.77		
20	256QAM	1	0	16.58	16.65	16.50	18.5	0
20	256QAM	1	49	16.74	16.58	16.55		
20	256QAM	1	99	16.67	16.64	16.59		
20	256QAM	50	0	16.66	16.73	16.72	18.5	0
20	256QAM	50	24	16.77	16.70	16.64		
20	256QAM	50	50	16.66	16.61	16.69		
20	256QAM	100	0	16.57	16.62	16.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.99	17.05	17.08	18.5	0
15	QPSK	1	37	17.01	16.85	16.90		
15	QPSK	1	74	17.08	16.92	17.00		
15	QPSK	36	0	16.77	16.84	16.68	18.5	0
15	QPSK	36	20	16.77	16.74	16.65		
15	QPSK	36	39	16.76	16.59	16.64		
15	QPSK	75	0	16.74	16.66	16.64		
15	16QAM	1	0	16.69	16.70	16.57	18.5	0
15	16QAM	1	37	16.69	16.64	16.53		
15	16QAM	1	74	16.74	16.65	16.63		
15	16QAM	36	0	16.73	16.77	16.60	18.5	0
15	16QAM	36	20	16.77	16.58	16.59		
15	16QAM	36	39	16.79	16.72	16.77		
15	16QAM	75	0	16.80	16.68	16.77		
15	64QAM	1	0	16.60	16.73	16.60	18.5	0
15	64QAM	1	37	16.72	16.65	16.57		
15	64QAM	1	74	16.76	16.60	16.63		
15	64QAM	36	0	16.76	16.81	16.75	18.5	0
15	64QAM	36	20	16.67	16.52	16.65		
15	64QAM	36	39	16.78	16.81	16.61		
15	64QAM	75	0	16.81	16.80	16.69		
15	256QAM	1	0	16.65	16.71	16.51	18.5	0
15	256QAM	1	37	16.68	16.69	16.55		
15	256QAM	1	74	16.69	16.56	16.61		
15	256QAM	36	0	16.51	16.61	16.63	18.5	0
15	256QAM	36	20	16.64	16.60	16.58		
15	256QAM	36	39	16.59	16.56	16.57		
15	256QAM	75	0	16.50	16.55	16.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.99	17.00	17.03	18.5	0
10	QPSK	1	25	16.99	16.78	16.88		
10	QPSK	1	49	17.09	17.02	16.96		
10	QPSK	25	0	16.79	16.82	16.70	18.5	0
10	QPSK	25	12	16.81	16.81	16.54		
10	QPSK	25	25	16.77	16.62	16.57		
10	QPSK	50	0	16.78	16.76	16.66		
10	16QAM	1	0	16.61	16.73	16.51	18.5	0
10	16QAM	1	25	16.74	16.65	16.57		
10	16QAM	1	49	16.72	16.66	16.57		
10	16QAM	25	0	16.69	16.77	16.55	18.5	0
10	16QAM	25	12	16.75	16.55	16.58		
10	16QAM	25	25	16.86	16.77	16.71		
10	16QAM	50	0	16.72	16.73	16.80		
10	64QAM	1	0	16.63	16.67	16.55	18.5	0
10	64QAM	1	25	16.73	16.66	16.58		
10	64QAM	1	49	16.69	16.62	16.65		
10	64QAM	25	0	16.75	16.81	16.72	18.5	0
10	64QAM	25	12	16.69	16.57	16.64		
10	64QAM	25	25	16.79	16.76	16.68		
10	64QAM	50	0	16.81	16.81	16.72		
10	256QAM	1	0	16.62	16.65	16.55	18.5	0
10	256QAM	1	25	16.68	16.67	16.58		
10	256QAM	1	49	16.67	16.65	16.66		
10	256QAM	25	0	16.55	16.65	16.65	18.5	0
10	256QAM	25	12	16.72	16.55	16.54		
10	256QAM	25	25	16.57	16.57	16.55		
10	256QAM	50	0	16.58	16.56	16.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.00	17.08	17.04	18.5	0
5	QPSK	1	12	17.02	16.83	16.85		
5	QPSK	1	24	17.01	16.96	16.95		
5	QPSK	12	0	16.75	16.88	16.67	18.5	0
5	QPSK	12	7	16.78	16.77	16.54		
5	QPSK	12	13	16.78	16.58	16.62		
5	QPSK	25	0	16.71	16.70	16.60		
5	16QAM	1	0	16.68	16.70	16.60	18.5	0
5	16QAM	1	12	16.73	16.63	16.55		
5	16QAM	1	24	16.67	16.62	16.55		
5	16QAM	12	0	16.74	16.75	16.55	18.5	0
5	16QAM	12	7	16.80	16.58	16.68		
5	16QAM	12	13	16.76	16.78	16.74		
5	16QAM	25	0	16.74	16.69	16.78		
5	64QAM	1	0	16.60	16.63	16.52	18.5	0
5	64QAM	1	12	16.75	16.64	16.53		
5	64QAM	1	24	16.73	16.65	16.61		
5	64QAM	12	0	16.66	16.76	16.79	18.5	0
5	64QAM	12	7	16.72	16.51	16.59		
5	64QAM	12	13	16.84	16.81	16.59		
5	64QAM	25	0	16.77	16.77	16.65		
5	256QAM	1	0	16.61	16.72	16.60	18.5	0
5	256QAM	1	12	16.76	16.65	16.55		
5	256QAM	1	24	16.73	16.64	16.65		
5	256QAM	12	0	16.59	16.63	16.60	18.5	0
5	256QAM	12	7	16.63	16.59	16.56		
5	256QAM	12	13	16.57	16.53	16.61		
5	256QAM	25	0	16.59	16.57	16.57		

Band 38_Ant 2_Other PA

BW [MHz]	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	22.78	22.79	22.66	24.5	0
20	QPSK	1	49	22.71	22.67	22.50		
20	QPSK	1	99	22.67	22.67	22.59		
20	QPSK	50	0	21.76	21.77	21.63	23.5	1
20	QPSK	50	24	21.75	21.62	21.51		
20	QPSK	50	50	21.71	21.67	21.62		
20	QPSK	100	0	21.75	21.76	21.54		
20	16QAM	1	0	21.86	21.71	21.70	23.5	1
20	16QAM	1	49	21.91	21.77	21.58		
20	16QAM	1	99	21.84	21.77	21.65		
20	16QAM	50	0	20.81	20.74	20.71	22.5	2
20	16QAM	50	24	20.81	20.79	20.58		
20	16QAM	50	50	20.81	20.74	20.70		
20	16QAM	100	0	20.89	20.75	20.70		
20	64QAM	1	0	20.76	20.66	20.51	22.5	2
20	64QAM	1	49	20.73	20.62	20.53		
20	64QAM	1	99	20.70	20.52	20.59		
20	64QAM	50	0	19.83	19.68	19.64	21.5	3
20	64QAM	50	24	19.76	19.68	19.66		
20	64QAM	50	50	19.83	19.76	19.69		
20	64QAM	100	0	19.78	19.69	19.62		
20	256QAM	1	0	17.55	17.62	17.67	19.5	5
20	256QAM	1	49	17.66	17.61	17.57		
20	256QAM	1	99	17.54	17.53	17.56		
20	256QAM	50	0	17.71	17.67	17.74	19.5	5
20	256QAM	50	24	17.57	17.61	17.69		
20	256QAM	50	50	17.60	17.60	17.74		
20	256QAM	100	0	17.63	17.57	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.72	22.61	24.5	0
15	QPSK	1	37	22.69	22.68	22.55		
15	QPSK	1	74	22.71	22.63	22.56		
15	QPSK	36	0	21.70	21.64	21.65	23.5	1
15	QPSK	36	20	21.80	21.65	21.56		
15	QPSK	36	39	21.74	21.66	21.63		
15	QPSK	75	0	21.73	21.66	21.51		
15	16QAM	1	0	21.79	21.57	21.61	23.5	1
15	16QAM	1	37	21.81	21.63	21.50		
15	16QAM	1	74	21.76	21.67	21.51		
15	16QAM	36	0	20.73	20.66	20.61	22.5	2
15	16QAM	36	20	20.69	20.65	20.59		
15	16QAM	36	39	20.71	20.68	20.59		
15	16QAM	75	0	20.75	20.61	20.60		
15	64QAM	1	0	20.77	20.68	20.54	22.5	2
15	64QAM	1	37	20.72	20.65	20.51		
15	64QAM	1	74	20.67	20.53	20.50		
15	64QAM	36	0	19.70	19.61	19.57	21.5	3
15	64QAM	36	20	19.69	19.56	19.55		
15	64QAM	36	39	19.78	19.70	19.62		
15	64QAM	75	0	19.70	19.53	19.57		
15	256QAM	1	0	17.61	17.68	17.81	19.5	5
15	256QAM	1	37	17.58	17.55	17.52		
15	256QAM	1	74	17.53	17.50	17.51		
15	256QAM	36	0	17.85	17.81	17.88	19.5	5
15	256QAM	36	20	17.54	17.56	17.63		
15	256QAM	36	39	17.55	17.59	17.68		
15	256QAM	75	0	17.57	17.59	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.69	22.70	24.5	0
10	QPSK	1	25	22.72	22.71	22.55		
10	QPSK	1	49	22.68	22.68	22.56		
10	QPSK	25	0	21.66	21.66	21.58	23.5	1
10	QPSK	25	12	21.76	21.65	21.59		
10	QPSK	25	25	21.67	21.64	21.65		
10	QPSK	50	0	21.75	21.68	21.57		
10	16QAM	1	0	21.81	21.60	21.64	23.5	1
10	16QAM	1	25	21.77	21.68	21.59		
10	16QAM	1	49	21.74	21.71	21.59		
10	16QAM	25	0	20.71	20.61	20.62	22.5	2
10	16QAM	25	12	20.73	20.72	20.57		
10	16QAM	25	25	20.70	20.67	20.63		
10	16QAM	50	0	20.82	20.60	20.63		
10	64QAM	1	0	20.80	20.60	20.52	22.5	2
10	64QAM	1	25	20.73	20.64	20.51		
10	64QAM	1	49	20.64	20.55	20.55		
10	64QAM	25	0	19.77	19.62	19.51	21.5	3
10	64QAM	25	12	19.71	19.57	19.60		
10	64QAM	25	25	19.74	19.70	19.64		
10	64QAM	50	0	19.80	19.63	19.61		
10	256QAM	1	0	17.57	17.60	17.65	19.5	5
10	256QAM	1	25	17.51	17.53	17.50		
10	256QAM	1	49	17.52	17.53	17.55		
10	256QAM	25	0	17.65	17.70	17.74	19.5	5
10	256QAM	25	12	17.61	17.55	17.65		
10	256QAM	25	25	17.61	17.54	17.72		
10	256QAM	50	0	17.59	17.56	17.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.71	22.60	24.5	0
5	QPSK	1	12	22.69	22.65	22.53		
5	QPSK	1	24	22.66	22.70	22.61		
5	QPSK	12	0	21.73	21.65	21.59	23.5	1
5	QPSK	12	7	21.78	21.60	21.50		
5	QPSK	12	13	21.75	21.67	21.62		
5	QPSK	25	0	21.70	21.74	21.59		
5	16QAM	1	0	21.81	21.63	21.56	23.5	1
5	16QAM	1	12	21.75	21.70	21.53		
5	16QAM	1	24	21.71	21.71	21.54		
5	16QAM	12	0	20.69	20.63	20.64	22.5	2
5	16QAM	12	7	20.68	20.65	20.52		
5	16QAM	12	13	20.70	20.58	20.57		
5	16QAM	25	0	20.84	20.61	20.58		
5	64QAM	1	0	20.70	20.70	20.51	22.5	2
5	64QAM	1	12	20.76	20.59	20.53		
5	64QAM	1	24	20.67	20.52	20.53		
5	64QAM	12	0	19.86	19.69	19.62	21.5	3
5	64QAM	12	7	19.71	19.71	19.60		
5	64QAM	12	13	19.80	19.71	19.69		
5	64QAM	25	0	19.78	19.64	19.66		
5	256QAM	1	0	17.57	17.64	17.65	19.5	5
5	256QAM	1	12	17.54	17.51	17.55		
5	256QAM	1	24	17.55	17.52	17.53		
5	256QAM	12	0	17.74	17.66	17.74	19.5	5
5	256QAM	12	7	17.62	17.60	17.69		
5	256QAM	12	13	17.57	17.65	17.68		
5	256QAM	25	0	17.64	17.58	17.58		

Band 38_Ant 5_Other PA

BW [MHz]	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	19.97	20.05	19.98	21.5	0
20	QPSK	1	49	19.96	19.84	19.68		
20	QPSK	1	99	19.96	19.96	19.85		
20	QPSK	50	0	19.74	19.80	19.79	21.5	0
20	QPSK	50	24	19.70	19.66	19.59		
20	QPSK	50	50	19.72	19.77	19.63		
20	QPSK	100	0	19.69	19.84	19.72		
20	16QAM	1	0	19.63	19.65	19.54	21.5	0
20	16QAM	1	49	19.70	19.64	19.61		
20	16QAM	1	99	19.72	19.59	19.64		
20	16QAM	50	0	19.70	19.61	19.63	21.5	0
20	16QAM	50	24	19.76	19.72	19.60		
20	16QAM	50	50	19.74	19.74	19.75		
20	16QAM	100	0	19.73	19.74	19.72		
20	64QAM	1	0	19.66	19.69	19.62	21.5	0
20	64QAM	1	49	19.79	19.59	19.69		
20	64QAM	1	99	19.75	19.61	19.62		
20	64QAM	50	0	19.72	19.60	19.69	21.5	0
20	64QAM	50	24	19.70	19.63	19.69		
20	64QAM	50	50	19.73	19.79	19.67		
20	64QAM	100	0	19.76	19.73	19.66		
20	256QAM	1	0	19.40	19.32	19.26	20.5	1
20	256QAM	1	49	19.38	19.27	19.32		
20	256QAM	1	99	19.31	19.31	19.37		
20	256QAM	50	0	19.61	19.52	19.55	20.5	1
20	256QAM	50	24	19.65	19.56	19.51		
20	256QAM	50	50	19.52	19.49	19.64		
20	256QAM	100	0	19.50	19.55	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.94	19.87	21.5	0
15	QPSK	1	37	19.86	19.76	19.62		
15	QPSK	1	74	19.87	19.84	19.69		
15	QPSK	36	0	19.68	19.72	19.72	21.5	0
15	QPSK	36	20	19.55	19.57	19.53		
15	QPSK	36	39	19.66	19.71	19.54		
15	QPSK	75	0	19.58	19.70	19.63		
15	16QAM	1	0	19.54	19.54	19.54	21.5	0
15	16QAM	1	37	19.59	19.58	19.59		
15	16QAM	1	74	19.65	19.54	19.50		
15	16QAM	36	0	19.55	19.54	19.52	21.5	0
15	16QAM	36	20	19.66	19.67	19.50		
15	16QAM	36	39	19.67	19.62	19.68		
15	16QAM	75	0	19.64	19.61	19.61		
15	64QAM	1	0	19.50	19.58	19.54	21.5	0
15	64QAM	1	37	19.68	19.52	19.55		
15	64QAM	1	74	19.67	19.56	19.57		
15	64QAM	36	0	19.65	19.58	19.59	21.5	0
15	64QAM	36	20	19.65	19.58	19.54		
15	64QAM	36	39	19.62	19.69	19.52		
15	64QAM	75	0	19.63	19.66	19.54		
15	256QAM	1	0	19.28	19.16	19.18	20.5	1
15	256QAM	1	37	19.33	19.17	19.17		
15	256QAM	1	74	19.15	19.20	19.31		
15	256QAM	36	0	19.54	19.47	19.48	20.5	1
15	256QAM	36	20	19.58	19.42	19.42		
15	256QAM	36	39	19.47	19.43	19.59		
15	256QAM	75	0	19.37	19.50	19.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.82	20.00	19.92	21.5	0
10	QPSK	1	25	19.89	19.69	19.61		
10	QPSK	1	49	19.88	19.87	19.70		
10	QPSK	25	0	19.69	19.73	19.70	21.5	0
10	QPSK	25	12	19.63	19.58	19.52		
10	QPSK	25	25	19.64	19.63	19.51		
10	QPSK	50	0	19.55	19.76	19.67		
10	16QAM	1	0	19.56	19.50	19.53	21.5	0
10	16QAM	1	25	19.56	19.59	19.56		
10	16QAM	1	49	19.65	19.54	19.50		
10	16QAM	25	0	19.59	19.51	19.54	21.5	0
10	16QAM	25	12	19.68	19.60	19.54		
10	16QAM	25	25	19.60	19.69	19.70		
10	16QAM	50	0	19.57	19.59	19.65		
10	64QAM	1	0	19.61	19.54	19.57	21.5	0
10	64QAM	1	25	19.72	19.56	19.63		
10	64QAM	1	49	19.61	19.56	19.57		
10	64QAM	25	0	19.66	19.53	19.63	21.5	0
10	64QAM	25	12	19.59	19.56	19.53		
10	64QAM	25	25	19.67	19.73	19.55		
10	64QAM	50	0	19.66	19.61	19.59		
10	256QAM	1	0	19.25	19.26	19.21	20.5	1
10	256QAM	1	25	19.29	19.22	19.19		
10	256QAM	1	49	19.16	19.16	19.30		
10	256QAM	25	0	19.51	19.45	19.49	20.5	1
10	256QAM	25	12	19.52	19.41	19.41		
10	256QAM	25	25	19.44	19.38	19.52		
10	256QAM	50	0	19.34	19.47	19.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.82	19.99	19.84	21.5	0
5	QPSK	1	12	19.82	19.68	19.60		
5	QPSK	1	24	19.87	19.85	19.78		
5	QPSK	12	0	19.67	19.67	19.71	21.5	0
5	QPSK	12	7	19.63	19.51	19.51		
5	QPSK	12	13	19.67	19.69	19.52		
5	QPSK	25	0	19.56	19.70	19.65		
5	16QAM	1	0	19.55	19.56	19.53	21.5	0
5	16QAM	1	12	19.65	19.56	19.58		
5	16QAM	1	24	19.59	19.53	19.59		
5	16QAM	12	0	19.65	19.52	19.54	21.5	0
5	16QAM	12	7	19.65	19.58	19.57		
5	16QAM	12	13	19.67	19.58	19.68		
5	16QAM	25	0	19.64	19.60	19.58		
5	64QAM	1	0	19.59	19.53	19.55	21.5	0
5	64QAM	1	12	19.74	19.54	19.53		
5	64QAM	1	24	19.60	19.56	19.56		
5	64QAM	12	0	19.61	19.58	19.59	21.5	0
5	64QAM	12	7	19.56	19.51	19.55		
5	64QAM	12	13	19.60	19.74	19.55		
5	64QAM	25	0	19.65	19.65	19.53		
5	256QAM	1	0	19.29	19.20	19.11	20.5	1
5	256QAM	1	12	19.32	19.17	19.19		
5	256QAM	1	24	19.22	19.19	19.21		
5	256QAM	12	0	19.54	19.45	19.42	20.5	1
5	256QAM	12	7	19.60	19.49	19.37		
5	256QAM	12	13	19.47	19.37	19.51		
5	256QAM	25	0	19.38	19.41	19.55		

Band 38_Ant 3_Other PA

BW [MHz]	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	17.57	17.59	17.44		
20	QPSK	1	49	17.50	17.57	17.39	18.5	0
20	QPSK	1	99	17.55	17.57	17.43		
20	QPSK	50	0	17.38	17.39	17.34		
20	QPSK	50	24	17.36	17.32	17.30	18.5	0
20	QPSK	50	50	17.32	17.25	17.33		
20	QPSK	100	0	17.32	17.33	17.27		
20	16QAM	1	0	17.23	17.19	17.10		
20	16QAM	1	49	17.37	17.23	17.10	18.5	0
20	16QAM	1	99	17.26	17.24	17.19		
20	16QAM	50	0	17.30	17.26	17.18		
20	16QAM	50	24	17.35	17.27	17.27	18.5	0
20	16QAM	50	50	17.35	17.30	17.25		
20	16QAM	100	0	17.33	17.32	17.32		
20	64QAM	1	0	17.01	16.91	16.87		
20	64QAM	1	49	16.91	17.01	16.94	18.5	0
20	64QAM	1	99	17.08	16.96	16.95		
20	64QAM	50	0	17.30	17.26	17.29		
20	64QAM	50	24	17.32	17.22	17.15	18.5	0
20	64QAM	50	50	17.29	17.26	17.26		
20	64QAM	100	0	17.37	17.31	17.18		
20	256QAM	1	0	16.99	17.10	17.18		
20	256QAM	1	49	16.89	16.96	16.97	18.5	0
20	256QAM	1	99	17.01	16.83	16.92		
20	256QAM	50	0	17.25	17.18	17.29		
20	256QAM	50	24	17.00	17.18	17.07	18.5	0
20	256QAM	50	50	17.11	16.99	17.08		
20	256QAM	100	0	17.07	17.03	17.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.46	17.44	17.29		
15	QPSK	1	37	17.37	17.49	17.34	18.5	0
15	QPSK	1	74	17.42	17.47	17.34		
15	QPSK	36	0	17.22	17.16	17.24		
15	QPSK	36	20	17.26	17.18	17.22	18.5	0
15	QPSK	36	39	17.23	17.19	17.26		
15	QPSK	75	0	17.20	17.23	17.17		
15	16QAM	1	0	17.16	17.07	16.96		
15	16QAM	1	37	17.21	17.13	16.99	18.5	0
15	16QAM	1	74	17.20	17.15	17.10		
15	16QAM	36	0	17.20	17.12	17.06		
15	16QAM	36	20	17.23	17.21	17.14	18.5	0
15	16QAM	36	39	17.24	17.19	17.11		
15	16QAM	75	0	17.22	17.20	17.26		
15	64QAM	1	0	16.91	16.80	16.73		
15	64QAM	1	37	16.81	16.90	16.81	18.5	0
15	64QAM	1	74	16.98	16.82	16.90		
15	64QAM	36	0	17.19	17.15	17.23		
15	64QAM	36	20	17.18	17.07	17.00	18.5	0
15	64QAM	36	39	17.22	17.14	17.19		
15	64QAM	75	0	17.22	17.17	17.11		
15	256QAM	1	0	16.83	17.03	17.10		
15	256QAM	1	37	16.75	16.90	16.85	18.5	0
15	256QAM	1	74	16.88	16.70	16.83		
15	256QAM	36	0	17.15	17.07	17.14		
15	256QAM	36	20	16.84	17.11	16.95	18.5	0
15	256QAM	36	39	16.95	16.85	17.02		
15	256QAM	75	0	17.01	16.96	16.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.46	17.29		
10	QPSK	1	25	17.35	17.50	17.34	18.5	0
10	QPSK	1	49	17.39	17.42	17.32		
10	QPSK	25	0	17.32	17.20	17.21		
10	QPSK	25	12	17.22	17.26	17.21	18.5	0
10	QPSK	25	25	17.23	17.19	17.19		
10	QPSK	50	0	17.25	17.16	17.11		
10	16QAM	1	0	17.10	17.08	16.96		
10	16QAM	1	25	17.24	17.16	16.99	18.5	0
10	16QAM	1	49	17.20	17.13	17.11		
10	16QAM	25	0	17.20	17.14	17.07		
10	16QAM	25	12	17.21	17.22	17.11	18.5	0
10	16QAM	25	25	17.30	17.18	17.10		
10	16QAM	50	0	17.19	17.23	17.25		
10	64QAM	1	0	16.87	16.85	16.81		
10	64QAM	1	25	16.80	16.89	16.86	18.5	0
10	64QAM	1	49	16.99	16.84	16.79		
10	64QAM	25	0	17.15	17.11	17.19		
10	64QAM	25	12	17.17	17.13	17.05	18.5	0
10	64QAM	25	25	17.13	17.18	17.17		
10	64QAM	50	0	17.23	17.23	17.09		
10	256QAM	1	0	16.88	17.05	17.09		
10	256QAM	1	25	16.84	16.81	16.89	18.5	0
10	256QAM	1	49	16.90	16.75	16.87		
10	256QAM	25	0	17.13	17.13	17.16		
10	256QAM	25	12	16.87	17.09	16.93	18.5	0
10	256QAM	25	25	17.00	16.86	17.01		
10	256QAM	50	0	16.99	16.98	16.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.51	17.44	17.36		
5	QPSK	1	12	17.37	17.47	17.33	18.5	0
5	QPSK	1	24	17.41	17.46	17.36		
5	QPSK	12	0	17.29	17.16	17.20		
5	QPSK	12	7	17.31	17.19	17.15	18.5	0
5	QPSK	12	13	17.26	17.09	17.17		
5	QPSK	25	0	17.27	17.23	17.17		
5	16QAM	1	0	17.12	17.13	17.00		
5	16QAM	1	12	17.30	17.15	16.96	18.5	0
5	16QAM	1	24	17.18	17.10	17.08		
5	16QAM	12	0	17.20	17.16	17.09		
5	16QAM	12	7	17.26	17.21	17.22	18.5	0
5	16QAM	12	13	17.21	17.22	17.17		
5	16QAM	25	0	17.26	17.17	17.19		
5	64QAM	1	0	16.88	16.80	16.82		
5	64QAM	1	12	16.77	16.87	16.87	18.5	0
5	64QAM	1	24	16.98	16.88	16.90		
5	64QAM	12	0	17.21	17.13	17.14		
5	64QAM	12	7	17.27	17.17	17.07	18.5	0
5	64QAM	12	13	17.21	17.15	17.12		
5	64QAM	25	0	17.30	17.21	17.13		
5	256QAM	1	0	16.84	16.99	17.12		
5	256QAM	1	12	16.84	16.86	16.89	18.5	0
5	256QAM	1	24	16.85	16.75	16.87		
5	256QAM	12	0	17.17	17.04	17.20		
5	256QAM	12	7	16.84	17.04	16.98	18.5	0
5	256QAM	12	13	17.05	16.85	16.94		
5	256QAM	25	0	16.92	16.88	16.91		

Band 41_Ant 4_Other PA

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	16.53	16.66	16.47	16.64	16.41		
20	QPSK	1	49	16.45	16.20	16.44	16.19	16.39	18	0
20	QPSK	1	99	16.51	16.50	16.41	16.45	16.36		
20	QPSK	50	0	16.28	16.36	16.30	16.26	16.32		
20	QPSK	50	24	16.20	16.12	16.18	16.13	16.20	18	0
20	QPSK	50	50	16.18	16.10	16.09	16.05	16.11		
20	QPSK	100	0	16.23	16.24	16.20	16.23	16.23		
20	16QAM	1	0	16.45	16.26	16.16	16.29	16.19		
20	16QAM	1	49	16.47	16.40	16.49	16.31	16.40	18	0
20	16QAM	1	99	16.42	16.16	16.38	16.23	16.29		
20	16QAM	50	0	16.44	16.37	16.41	16.29	16.45		
20	16QAM	50	24	16.37	16.13	16.50	16.13	16.46	18	0
20	16QAM	50	50	16.43	16.39	16.40	16.40	16.38		
20	16QAM	100	0	16.36	16.19	16.54	16.12	16.45		
20	64QAM	1	0	16.19	16.15	16.17	16.10	16.01		
20	64QAM	1	49	16.19	16.16	16.29	16.11	16.07	18	0
20	64QAM	1	99	16.25	16.14	16.26	16.07	16.09		
20	64QAM	50	0	16.45	16.32	16.44	16.37	16.50		
20	64QAM	50	24	16.47	16.38	16.48	16.34	16.48	18	0
20	64QAM	50	50	16.42	16.40	16.47	16.43	16.44		
20	64QAM	100	0	16.54	16.22	16.38	16.30	16.35		
20	256QAM	1	0	16.19	16.33	16.16	16.30	16.16		
20	256QAM	1	49	16.17	16.20	16.13	16.22	16.15	18	0
20	256QAM	1	99	16.15	16.12	16.14	16.12	16.18		
20	256QAM	50	0	16.36	16.08	16.11	16.07	16.13		
20	256QAM	50	24	16.14	16.19	16.34	16.06	16.29	18	0
20	256QAM	50	50	16.03	16.07	16.02	16.09	16.09		
20	256QAM	100	0	16.13	16.11	16.11	16.08	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	16.43	16.60	16.31	16.48	16.35		
15	QPSK	1	37	16.29	16.08	16.37	16.10	16.23	18	0
15	QPSK	1	74	16.44	16.41	16.33	16.38	16.24		
15	QPSK	36	0	16.22	16.17	16.14	16.10	16.19		
15	QPSK	36	20	16.11	16.03	16.03	16.01	16.09	18	0
15	QPSK	36	39	16.22	16.18	16.20	16.18	16.15		
15	QPSK	75	0	16.27	16.35	16.29	16.37	16.29		
15	16QAM	1	0	16.38	16.13	16.11	16.18	16.04		
15	16QAM	1	37	16.35	16.35	16.38	16.19	16.29	18	0
15	16QAM	1	74	16.37	16.05	16.27	16.07	16.14		
15	16QAM	36	0	16.34	16.25	16.25	16.21	16.29		
15	16QAM	36	20	16.22	16.02	16.43	16.19	16.32	18	0
15	16QAM	36	39	16.37	16.24	16.34	16.24	16.30		
15	16QAM	75	0	16.20	16.10	16.42	16.01	16.36		
15	64QAM	1	0	16.13	16.03	16.12	16.04	16.16		
15	64QAM	1	37	16.08	16.05	16.19	16.06	16.15	18	0
15	64QAM	1	74	16.10	16.02	16.18	16.06	16.16		
15	64QAM	36	0	16.32	16.19	16.39	16.29	16.39		
15	64QAM	36	20	16.33	16.29	16.37	16.19	16.36	18	0
15	64QAM	36	39	16.33	16.24	16.31	16.32	16.33		
15	64QAM	75	0	16.46	16.14	16.30	16.14	16.26		
15	256QAM	1	0	16.04	16.21	16.02	16.22	16.09		
15	256QAM	1	37	16.06	16.15	16.03	16.13	16.05	18	0
15	256QAM	1	74	16.07	16.00	16.07	16.11	16.05		
15	256QAM	36	0	16.28	16.12	16.04	16.02	16.17		
15	256QAM	36	20	16.19	16.13	16.29	16.19	16.22	18	0
15	256QAM	36	39	16.09	16.11	16.17	16.03	16.02		
15	256QAM	75	0	16.00	16.18	16.18	16.19	16.02		
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	16.55	16.38	16.52	16.25		
10	QPSK	1	25	16.40	16.10	16.38	16.08	16.27	18	0
10	QPSK	1	49	16.40	16.42	16.29	16.29	16.27		
10	QPSK	25	0	16.16	16.24	16.15	16.18	16.18		
10	QPSK	25	12	16.24	16.17	16.25	16.19	16.28	18	0
10	QPSK	25	25	16.31	16.22	16.23	16.19	16.22		
10	QPSK	50	0	16.36	16.33	16.34	16.35	16.37		
10	16QAM	1	0	16.40	16.12	16.04	16.19	16.13		
10	16QAM	1	25	16.38	16.27	16.39	16.22	16.26	18	0
10	16QAM	1	49	16.30	16.10	16.26	16.10	16.22		
10	16QAM	25	0	16.32	16.22	16.31	16.21	16.39		
10	16QAM	25	12	16.28	16.19	16.45	16.02	16.32	18	0
10	16QAM	25	25	16.38	16.32	16.27	16.30	16.23		
10	16QAM	50	0	16.28	16.10	16.49	16.07	16.32		
10	64QAM	1	0	16.10	16.05	16.08	16.04	16.10		
10	64QAM	1	25	16.12	16.01	16.20	16.05	16.17	18	0
10	64QAM	1	49	16.14	16.03	16.18	16.02	16.18		
10	64QAM	25	0	16.37	16.16	16.31	16.30	16.44		
10	64QAM	25	12	16.37	16.23	16.33	16.24	16.41	18	0
10	64QAM	25	25	16.27	16.33	16.41	16.38	16.29		
10	64QAM	50	0	16.41	16.07	16.33	16.20	16.24		
10	256QAM	1	0	16.12	16.25	16.09	16.15	16.07		
10	256QAM	1	25	16.05	16.15	16.05	16.06	16.05	18	0
10	256QAM	1	49	16.09	16.00	16.08	16.07	16.12		
10	256QAM	25	0	16.29	16.19	16.05	16.15	16.07		
10	256QAM	25	12	16.02	16.13	16.20	16.01	16.18	18	0
10	256QAM	25	25	16.18	16.15	16.15	16.14	16.14		
10	256QAM	50	0	16.03	16.19	16.02	16.17	16.09		
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	16.39	16.60	16.42	16.53	16.28		
5	QPSK	1	12	16.36	16.13	16.30	16.10	16.31	18	0
5	QPSK	1	24	16.45	16.35	16.35	16.36	16.20		
5	QPSK	12	0	16.13	16.17	16.20	16.20	16.24		
5	QPSK	12	7	16.04	16.04	16.10	16.07	16.14	18	0
5	QPSK	12	13	16.26	16.14	16.16	16.14	16.17		
5	QPSK	25	0	16.38	16.30	16.30	16.31	16.39		
5	16QAM	1	0	16.34	16.20	16.04	16.23	16.13		
5	16QAM	1	12	16.42	16.29	16.33	16.17	16.31	18	0
5	16QAM	1	24	16.32	16.09	16.28	16.09	16.22		
5	16QAM	12	0	16.30	16.27	16.34	16.17	16.34		
5	16QAM	12	7	16.27	16.06	16.38	16.04	16.36	18	0
5	16QAM	12	13	16.38	16.24	16.24	16.44	16.25		
5	16QAM	25	0	16.23	16.07	16.41	16.19	16.38		
5	64QAM	1	0	16.04	16.09	16.09	16.35	16.14		
5	64QAM	1	12	16.03	16.05	16.23	16.05	16.16	18	0
5	64QAM	1	24	16.13	16.05	16.14	16.08	16.22		
5	64QAM	12	0	16.29	16.24	16.37	16.23	16.39		
5	64QAM	12	7	16.37	16.26	16.40	16.20	16.33	18	0
5	64QAM	12	13	16.29	16.32	16.41	16.34	16.33		
5	64QAM	25	0	16.40	16.10	16.28	16.23	16.28		
5	256QAM	1	0	16.14	16.25	16.05	16.23	16.01		
5	256QAM	1	12	16.09	16.10	16.04	16.11	16.03	18	0
5	256QAM	1	24	16.08	16.08	16.00	16.09	16.06		
5	256QAM	12	0	16.31	16.16	16.05	16.14	16.03		
5	256QAM	12	7	16.01	16.14	16.26	16.16	16.14	18	0
5	256QAM	12	13	16.08	16.00	16.08	16.02	16.03		
5	256QAM	25	0	16.02	16.18	16.02	16.00	16.11		

0.20

Band 41_Ant 2_Other PA

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	22.64	22.70	22.68	22.65	22.63		
20	QPSK	1	49	22.63	22.68	22.63	22.61	22.57	24.5	0
20	QPSK	1	99	22.57	22.66	22.61	22.63	22.62		
20	QPSK	50	0	21.62	21.68	21.66	21.63	21.61		
20	QPSK	50	24	21.61	21.65	21.65	21.62	21.56	23.5	1
20	QPSK	50	50	21.56	21.65	21.60	21.62	21.56		
20	QPSK	100	0	21.61	21.65	21.63	21.62	21.60		
20	16QAM	1	0	21.55	21.64	21.65	21.62	21.59		
20	16QAM	1	49	21.57	21.64	21.65	21.62	21.59	23.5	1
20	16QAM	1	99	21.57	21.64	21.60	21.60	21.59		
20	16QAM	50	0	20.62	20.66	20.65	20.63	20.62		
20	16QAM	50	24	20.56	20.59	20.63	20.58	20.60	22.5	2
20	16QAM	50	50	20.60	20.60	20.58	20.56	20.55		
20	16QAM	100	0	20.58	20.60	20.58	20.59	20.59		
20	64QAM	1	0	20.58	20.65	20.63	20.61	20.57		
20	64QAM	1	49	20.59	20.60	20.61	20.57	20.56	22.5	2
20	64QAM	1	99	20.57	20.59	20.64	20.61	20.59		
20	64QAM	50	0	19.65	19.66	19.67	19.63	19.62		
20	64QAM	50	24	19.60	19.60	19.61	19.58	19.57	21.5	3
20	64QAM	50	50	19.63	19.64	19.62	19.57	19.58		
20	64QAM	100	0	19.64	19.59	19.66	19.62	19.56		
20	256QAM	1	0	17.65	17.66	17.67	17.63	17.62		
20	256QAM	1	49	17.61	17.62	17.60	17.56	17.56	19.5	5
20	256QAM	1	99	17.61	17.62	17.66	17.61	17.57		
20	256QAM	50	0	17.61	17.62	17.60	17.59	17.59		
20	256QAM	50	24	17.58	17.62	17.64	17.60	17.55	19.5	5
20	256QAM	50	50	17.59	17.64	17.66	17.61	17.58		
20	256QAM	100	0	17.60	17.59	17.63	17.60	17.57		
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	22.59	22.65	22.64	22.60	22.61		
15	QPSK	1	37	22.62	22.66	22.58	22.60	22.53	24.5	0
15	QPSK	1	74	22.55	22.61	22.56	22.58	22.59		
15	QPSK	36	0	21.59	21.64	21.65	21.59	21.56		
15	QPSK	36	20	21.59	21.61	21.63	21.60	21.54	23.5	1
15	QPSK	36	39	21.52	21.63	21.57	21.60	21.51		
15	QPSK	75	0	21.57	21.64	21.58	21.57	21.58		
15	16QAM	1	0	21.52	21.63	21.63	21.61	21.56		
15	16QAM	1	37	21.53	21.63	21.63	21.59	21.55	23.5	1
15	16QAM	1	74	21.52	21.62	21.57	21.57	21.55		
15	16QAM	36	0	20.60	20.61	20.60	20.59	20.58		
15	16QAM	36	20	20.55	20.57	20.59	20.54	20.57	22.5	2
15	16QAM	36	39	20.57	20.59	20.54	20.51	20.52		
15	16QAM	75	0	20.57	20.57	20.55	20.54	20.54		
15	64QAM	1	0	20.55	20.64	20.60	20.56	20.55		
15	64QAM	1	37	20.54	20.56	20.60	20.56	20.52	22.5	2
15	64QAM	1	74	20.53	20.58	20.63	20.57	20.57		
15	64QAM	36	0	19.63	19.61	19.65	19.61	19.57		
15	64QAM	36	20	19.58	19.55	19.58	19.55	19.56	21.5	3
15	64QAM	36	39	19.59	19.61	19.60	19.53	19.56		
15	64QAM	75	0	19.60	19.54	19.64	19.60	19.55		
15	256QAM	1	0	17.60	17.63	17.63	17.58	17.57		
15	256QAM	1	37	17.60	17.60	17.57	17.52	17.55	19.5	5
15	256QAM	1	74	17.59	17.61	17.63	17.58	17.54		
15	256QAM	36	0	17.56	17.61	17.55	17.58	17.55		
15	256QAM	36	20	17.55	17.61	17.60	17.57	17.52	19.5	5
15	256QAM	36	39	17.58	17.60	17.61	17.56	17.53		
15	256QAM	75	0	17.59	17.58	17.60	17.56	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.67	22.64	22.63	22.59		
10	QPSK	1	25	22.59	22.66	22.60	22.56	22.53	24.5	0
10	QPSK	1	49	22.56	22.61	22.56	22.58	22.58		
10	QPSK	25	0	21.57	21.66	21.64	21.62	21.58		
10	QPSK	25	12	21.59	21.62	21.62	21.58	21.52	23.5	1
10	QPSK	25	25	21.54	21.60	21.58	21.59	21.53		
10	QPSK	50	0	21.56	21.60	21.61	21.60	21.59		
10	16QAM	1	0	21.52	21.63	21.61	21.61	21.58		
10	16QAM	1	25	21.52	21.59	21.63	21.59	21.58	23.5	1
10	16QAM	1	49	21.52	21.59	21.55	21.59	21.54		
10	16QAM	25	0	20.58	20.63	20.63	20.58	20.61		
10	16QAM	25	12	20.55	20.56	20.60	20.56	20.57	22.5	2
10	16QAM	25	25	20.59	20.58	20.53	20.53	20.50		
10	16QAM	50	0	20.53	20.56	20.53	20.57	20.54		
10	64QAM	1	0	20.55	20.62	20.61	20.60	20.52		
10	64QAM	1	25	20.54	20.58	20.60

Band 41_Ant 5_Other PA

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	19.56	19.76	19.61	19.67	19.56		
20	QPSK	1	49	19.41	19.54	19.55	19.56	19.50	21	0
20	QPSK	1	99	19.44	19.70	19.47	19.61	19.51		
20	QPSK	50	0	19.41	19.49	19.41	19.48	19.44		
20	QPSK	50	24	19.29	19.43	19.33	19.43	19.37	21	0
20	QPSK	50	50	19.26	19.23	19.38	19.30	19.34		
20	QPSK	100	0	19.27	19.42	19.31	19.36	19.25		
20	16QAM	1	0	19.36	19.34	19.42	19.37	19.43		
20	16QAM	1	49	19.43	19.52	19.54	19.45	19.45	21	0
20	16QAM	1	99	19.29	19.60	19.47	19.56	19.36		
20	16QAM	50	0	19.43	19.48	19.64	19.47	19.61		
20	16QAM	50	24	19.45	19.51	19.56	19.56	19.53	21	0
20	16QAM	50	50	19.56	19.72	19.54	19.72	19.58		
20	16QAM	100	0	19.49	19.56	19.52	19.65	19.48		
20	64QAM	1	0	19.21	19.09	19.19	19.15	19.24		
20	64QAM	1	49	19.12	19.22	19.16	19.26	19.24	21	0
20	64QAM	1	99	19.09	19.36	19.07	19.40	19.08		
20	64QAM	50	0	19.49	19.60	19.61	19.57	19.56		
20	64QAM	50	24	19.46	19.52	19.51	19.56	19.53	21	0
20	64QAM	50	50	19.46	19.65	19.43	19.58	19.53		
20	64QAM	100	0	19.48	19.55	19.45	19.53	19.53		
20	256QAM	1	0	18.27	18.51	18.30	18.47	18.38		
20	256QAM	1	49	18.20	18.44	18.19	18.44	18.24	20	1
20	256QAM	1	99	18.18	18.33	18.16	18.30	18.20		
20	256QAM	50	0	18.53	18.62	18.41	18.65	18.47		
20	256QAM	50	24	18.41	18.67	18.50	18.64	18.50	20	1
20	256QAM	50	50	18.46	18.75	18.55	18.69	18.58		
20	256QAM	100	0	18.53	18.56	18.49	18.62	18.48		
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	19.49	19.64	19.50	19.59	19.51		
15	QPSK	1	37	19.34	19.41	19.50	19.51	19.45	21	0
15	QPSK	1	74	19.28	19.59	19.32	19.49	19.38		
15	QPSK	36	0	19.27	19.31	19.34	19.41	19.32		
15	QPSK	36	20	19.18	19.33	19.21	19.38	19.29	21	0
15	QPSK	36	39	19.20	19.13	19.22	19.22	19.26		
15	QPSK	75	0	19.13	19.30	19.18	19.27	19.10		
15	16QAM	1	0	19.21	19.25	19.28	19.21	19.33		
15	16QAM	1	37	19.36	19.40	19.41	19.36	19.36	21	0
15	16QAM	1	74	19.14	19.50	19.32	19.47	19.26		
15	16QAM	36	0	19.27	19.42	19.53	19.32	19.52		
15	16QAM	36	20	19.39	19.45	19.41	19.42	19.44	21	0
15	16QAM	36	39	19.45	19.65	19.40	19.66	19.50		
15	16QAM	75	0	19.38	19.51	19.37	19.51	19.40		
15	64QAM	1	0	19.14	19.11	19.07	19.00	19.19		
15	64QAM	1	37	19.07	19.10	19.03	19.12	19.12	21	0
15	64QAM	1	74	19.13	19.20	19.08	19.26	19.00		
15	64QAM	36	0	19.39	19.55	19.52	19.46	19.50		
15	64QAM	36	20	19.33	19.44	19.42	19.48	19.44	21	0
15	64QAM	36	39	19.30	19.60	19.32	19.53	19.45		
15	64QAM	75	0	19.39	19.41	19.40	19.47	19.42		
15	256QAM	1	0	18.21	18.43	18.22	18.37	18.23		
15	256QAM	1	37	18.11	18.38	18.03	18.35	18.13	20	1
15	256QAM	1	74	18.07	18.19	18.06	18.17	18.05		
15	256QAM	36	0	18.37	18.48	18.29	18.49	18.33		
15	256QAM	36	20	18.26	18.55	18.43	18.59	18.44	20	1
15	256QAM	36	39	18.33	18.60	18.39	18.64	18.53		
15	256QAM	75	0	18.40	18.46	18.36	18.49	18.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.48	19.63	19.46	19.56	19.50		
10	QPSK	1	25	19.30	19.49	19.49	19.49	19.36	21	0
10	QPSK	1	49	19.31	19.59	19.42	19.47	19.36		
10	QPSK	25	0	19.30	19.32	19.29	19.41	19.35		
10	QPSK	25	12	19.21	19.31	19.17	19.31	19.27	21	0
10	QPSK	25	25	19.13	19.11	19.24	19.16	19.29		
10	QPSK	50	0	19.20	19.32	19.17	19.30	19.15		
10	16QAM	1	0	19.29	19.26	19.33	19.29	19.38		
10	16QAM	1	25	19.30	19.41	19.44	19.32	19.35	21	0
10	16QAM	1	49	19.19	19.51	19.31	19.40	19.28		
10	16QAM	25	0	19.35	19.39	19.50	19.36	19.55		
10	16QAM	25	12	19.38	19.35	19.49	19.44	19.41	21	0
10	16QAM	25	25	19.41	19.60	19.39	19.56	19.48		
10	16QAM	50	0	19.42	19.40	19.41	19.60	19.33		
10	64QAM	1	0	19.16	19.11	19.07	19.07	19.10		
10	64QAM	1	25	19.01	19.07	19.10	19.21	19.15	21	0
10	64QAM	1	49	19.02	19.26	19.11	19.27	19.08		
10	64QAM	25	0	19.44	19.49	19.49	19.48	19.41		
10	64QAM	25	12	19.35	19.41	19.36	19.42	19.48	21	0
10	64QAM	25	25	19.39	19.57	19.30	19.44	19.38		
10	64QAM	50	0	19.39	19.46	19.33	19.41	19.41		
10	256QAM	1	0	18.18	18.36	18.20	18.31	18.31		
10	256QAM	1	25	18.12	18.36	18.03	18.39	18.17	20	1
10	256QAM	1	49	18.08	18.26	18.09	18.16	18.13		
10	256QAM	25	0	18.39	18.56	18.28	18.58	18.31		
10	256QAM	25	12	18.34	18.61	18.37	18.48	18.41	20	1
10	256QAM	25	25	18.36	18.64	18.47	18.57	18.44		
10	256QAM	50	0	18.38	18.41	18.35	18.48	18.37		
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	19.49	19.60	19.53	19.55	19.44		
5	QPSK	1	12	19.26	19.42	19.45	19.49	19.42	21	0
5	QPSK	1	24	19.30	19.63	19.37	19.47	19.44		
5	QPSK	12	0	19.30	19.38	19.36	19.37	19.34		
5	QPSK	12	7	19.15	19.27	19.20	19.30	19.32	21	0
5	QPSK	12	13	19.10	19.12	19.24	19.16	19.22		
5	QPSK	25	0	19.14	19.35	19.25	19.23	19.13		
5	16QAM	1	0	19.25	19.21	19.37	19.31	19.28		
5	16QAM	1	12	19.32	19.40	19.44	19.37	19.39	21	0
5	16QAM	1	24	19.21	19.55	19.33	19.50	19.30		
5	16QAM	12	0	19.33	19.43	19.58	19.31	19.46		
5	16QAM	12	7	19.35	19.45	19.49	19.47	19.42	21	0
5	16QAM	12	13	19.42	19.61	19.46	19.65	19.49		
5	16QAM	25	0	19.44	19.44	19.36	19.51	19.41		
5	64QAM	1	0	19.16	19.15	19.13	19.07	19.18		
5	64QAM	1	12	19.03	19.12	19.02	19.13	19.10	21	0
5	64QAM	1	24	19.01	19.31	19.02	19.27	19.02		
5	64QAM	12	0	19.40	19.44	19.52	19.42	19.48		
5	64QAM	12	7	19.39	19.47	19.38	19.42	19.40	21	0
5	64QAM	12	13	19.32	19.54	19.30	19.50	19.37		
5	64QAM	25	0	19.43	19.50	19.36	19.46	19.38		
5	256QAM	1	0	18.20	18.40	18.24	18.31	18.23		
5	256QAM	1	12	18.09	18.32	18.09	18.38	18.14	20	1
5	256QAM	1	24	18.06	18.23	18.01	18.15	18.14		
5	256QAM	12	0	18.40	18.50	18.30	18.49	18.35		
5	256QAM	12	7	18.27	18.51	18.36	18.51	18.41	20	1
5	256QAM	12	13	18.34	18.70	18.44	18.59	18.48		
5	256QAM	25	0	18.40	18.49	18.38	18.50	18.33		

Band 41_Ant 3_Other PA

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	16.75	16.99	16.72	16.96	16.78		
20	QPSK	1	49	16.60	16.89	16.70	16.87	16.76	18	0
20	QPSK	1	99	16.73	16.94	16.51	16.88	16.51		
20	QPSK	50	0	16.62	16.75	16.46	16.72	16.44		
20	QPSK	50	24	16.47	16.65	16.37	16.60	16.36	18	0
20	QPSK	50	50	16.52	16.69	16.40	16.67	16.36		
20	QPSK	100	0	16.62	16.70	16.39	16.68	16.36		
20	16QAM	1	0	16.38	16.62	16.36	16.69	16.25		
20	16QAM	1	49	16.55	16.57	16.34	16.56	16.25	18	0
20	16QAM	1	99	16.56	16.49	16.25	16.49	16.32		
20	16QAM	50	0	16.53	16.61	16.29	16.61	16.28		
20	16QAM	50	24	16.54	16.65	16.41	16.71	16.43	18	0
20	16QAM	50	50	16.62	16.72	16.42	16.72	16.33		
20	16QAM	100	0	16.51	16.67	16.35	16.66	16.36		
20	64QAM	1	0	16.18	16.29	16.00	16.31	16.07		
20	64QAM	1	49	16.31	16.40	16.07	16.34	16.01	18	0
20	64QAM	1	99	16.26	16.47	16.11	16.45	16.08		
20	64QAM	50	0	16.51	16.64	16.35	16.63	16.37		
20	64QAM	50	24	16.50	16.60	16.31	16.63	16.32	18	0
20	64QAM	50	50	16.63	16.67	16.44	16.75	16.39		
20	64QAM	100	0	16.58	16.69	16.35	16.75	16.31		
20	256QAM	1	0	16.19	16.20	16.18	16.13	16.14		
20	256QAM	1	49	16.21	16.16	16.14	16.12	16.14	18	0
20	256QAM	1	99	16.09	16.13	16.21	16.12	16.17		
20	256QAM	50	0	16.35	16.33	16.30	16.38	16.28		
20	256QAM	50	24	16.20	16.34	16.30	16.36	16.28	18	0
20	256QAM	50	50	16.53	16.36	16.35	16.41	16.36		
20	256QAM	100	0	16.28	16.31	16.33	16.32	16.39		
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	16.67	16.84	16.60	16.83	16.69		
15	QPSK	1	37	16.55	16.80	16.64	16.80	16.63	18	0
15	QPSK	1	74	16.57	16.85	16.43	16.82	16.42		
15	QPSK	36	0	16.57	16.53	16.36	16.57	16.30		
15	QPSK	36	20	16.35	16.52	16.27	16.47	16.31	18	0
15	QPSK	36	39	16.43	16.55	16.34	16.55	16.26		
15	QPSK	75	0	16.46	16.59	16.28	16.61	16.30		
15	16QAM	1	0	16.31	16.52	16.21	16.61	16.17		
15	16QAM	1	37	16.49	16.41	16.23	16.49	16.10	18	0
15	16QAM	1	74	16.50	16.37	16.11	16.37	16.23		
15	16QAM	36	0	16.44	16.56	16.16	16.52	16.18		
15	16QAM	36	20	16.48	16.55	16.25	16.64	16.35	18	0
15	16QAM	36	39	16.52	16.58	16.27	16.66	16.26		
15	16QAM	75	0	16.39	16.51	16.20	16.56	16.21		
15	64QAM	1	0	16.03	16.19	16.11	16.24	16.08		
15	64QAM	1	37	16.22	16.28	16.00	16.22	16.05	18	0
15	64QAM	1	74	16.16	16.32	16.13	16.29	16.03		
15	64QAM	36	0	16.42	16.58	16.22	16.52	16.25		
15	64QAM	36	20	16.38	16.49	16.21	16.51	16.20	18	0
15	64QAM	36	39	16.51	16.58	16.29	16.69	16.34		
15	64QAM	75	0	16.50	16.64	16.25	16.64	16.22		
15	256QAM	1	0	16.14	16.13	16.04	16.08	16.02		
15	256QAM	1	37	16.07	16.02	16.00	16.02	16.08	18	0
15	256QAM	1	74	16.03	16.06	16.11	16.04	16.09		
15	256QAM	36	0	16.29	16.18	16.15	16.22	16.16		
15	256QAM	36	20	16.12	16.20	16.25	16.25	16.17	18	0
15	256QAM	36	39	16.47	16.31	16.29	16.25	16.30		
15	256QAM	75	0	16.14	16.21	16.27	16.25	16.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.70	16.77	16.54	16.89	16.62		
10	QPSK	1	25	16.51	16.82	16.54	16.81	16.63	18	0
10	QPSK	1	49	16.58	16.89	16.46	16.76	16.36		
10	QPSK	25	0	16.50	16.58	16.37	16.64	16.29		
10	QPSK	25	12	16.37	16.60	16.26	16.54	16.29	18	0
10	QPSK	25	25	16.47	16.57	16.25	16.60	16.31		
10	QPSK	50	0	16.49	16.58	16.30	16.55	16.23		
10	16QAM	1	0	16.33	16.51	16.26	16.61	16.13		
10	16QAM	1	25	16.45	16.50	16.24	16.41	16.11	18	0
10	16QAM	1	49	16.50	16.41	16.15	16.34	16.26		
10	16QAM	25	0	16.43	16.53	16.23	16.54	16.18		
10	16QAM	25	12	16.38	16.52	16.35	16.59	16.28	18	0
10	16QAM	25	25	16.57	16.67	16.28	16.65	16.26		
10	16QAM	50	0	16.36	16.60	16.24	16.52	16.21		
10	64QAM	1	0	16.11	16.17	16.06	16.24	16.08		
10	64QAM	1	25	16.19	16.30	16.05	16.26	16.08	18	0
10	64QAM	1	49	16.11	16.34	16.11	16.36	16.06		
10	64QAM	25	0	16.40	16.53	16.29	16.57	16.22		
10	64QAM	25	12	16.45	16.45	16.19	16.48	16.26	18	0
10	64QAM	25	25	16.55	16.54	16.38	16.64	16.29		
10	64QAM	50	0	16.49	16.57	16.19	16.60	16.25		
10	256QAM	1	0	16.13	16.04	16.02	16.06	16.05		
10	256QAM	1	25	16.08	16.01	16.04	16.07	16.03	18	0
10	256QAM	1	49	16.11	16.08	16.11	16.07	16.11		
10	256QAM	25	0	16.22	16.17	16.15	16.23	16.23		
10	256QAM	25	12	16.05	16.29	16.25	16.24	16.16	18	0
10	256QAM	25	25	16.37	16.29	16.22	16.29	16.20		
10	256QAM	50	0	16.23	16.26	16.22	16.22	16.34		
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	16.61	16.82	16.54	16.83	16.62		
5	QPSK	1	12	16.45	16.78	16.55	16.78	16.60	18	0
5	QPSK	1	24	16.64	16.80	16.37	16.74	16.44		
5	QPSK	12	0	16.47	16.53	16.35	16.61	16.31		
5	QPSK	12	7	16.33	16.56	16.24	16.55	16.25	18	0
5	QPSK	12	13	16.44	16.62	16.28	16.51	16.22		
5	QPSK	25	0	16.53	16.59	16.29	16.56	16.31		
5	16QAM	1	0	16.23	16.52	16.26	16.62	16.10		
5	16QAM	1	12	16.40	16.43	16.28	16.49	16.14	18	0
5	16QAM	1	24	16.44	16.41	16.15	16.42	16.21		
5	16QAM	12	0	16.42	16.48	16.19	16.55	16.17		
5	16QAM	12	7	16.38	16.50	16.35	16.58	16.32	18	0
5	16QAM	12	13	16.54	16.61	16.33	16.60	16.25		
5	16QAM	25	0	16.39	16.54	16.26	16.50	16.22		
5	64QAM	1	0	16.03	16.18	16.04	16.21	16.01		
5	64QAM	1	12	16.20	16.34	16.02	16.23	16.02	18	0
5	64QAM	1	24	16.16	16.33	16.08	16.37	16.08		
5	64QAM	12	0	16.38	16.48	16.20	16.55	16.26		
5	64QAM	12	7	16.40	16.55	16.17	16.49	16.20	18	0
5	64QAM	12	13	16.49	16.55	16.30	16.60	16.25		
5	64QAM	25	0	16.47	16.55	16.26	16.69	16.26		
5	256QAM	1	0	16.09	16.12	16.12	16.07	16.09		
5	256QAM	1	12	16.11	16.03	16.02	16.03	16.08	18	0
5	256QAM	1	24	16.05	16.09	16.08	16.03	16.05		
5	256QAM	12	0	16.29	16.17	16.25	16.22	16.20		
5	256QAM	12	7	16.08	16.26	16.23	16.27	16.15	18	0
5	256QAM	12	13	16.48	16.20	16.29	16.35	16.22		
5	256QAM	25	0	16.18	16.19	16.17	16.21	16.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.99	22.06	22.14	23.5	0.0
40	PI/2 BPSK	1	108	22.02	22.14	22.03		
40	PI/2 BPSK	1	214	22.01	22.16	22.19		
40	PI/2 BPSK	108	0	22.01	22.12	22.12	23.5	0.0
40	PI/2 BPSK	108	54	22.01	22.18	22.12	23.5	0.0
40	PI/2 BPSK	108	108	22.02	22.06	22.17	23.5	0.0
40	PI/2 BPSK	216	0	22.05	22.20	22.15		
40	QPSK	1	1	22.08	22.30	22.14	23.5	0.0
40	QPSK	1	108	21.90	21.90	22.11		
40	QPSK	1	214	21.86	22.03	22.02		
40	QPSK	108	0	21.95	22.07	22.05	23.5	0.0
40	QPSK	108	54	21.96	22.08	22.08	23.5	0.0
40	QPSK	108	108	21.87	21.97	21.99	23.5	0.0
40	QPSK	216	0	21.98	22.11	22.01		
40	16QAM	1	1	21.50	21.68	21.58	23.5	0.0
40	64QAM	1	1	20.06	20.27	20.14	22.0	1.5
40	256QAM	1	1	18.72	18.85	18.71	20.0	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.99	22.04	22.17	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.96	22.13	22.11	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.93	22.02	22.20	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.95	22.02	22.12	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.95	22.11	22.12	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.93	22.08	22.19	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.63	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.63	23.41	23.38		
40	PI/2 BPSK	1	214	23.62	23.44	23.49		
40	PI/2 BPSK	108	0	23.07	22.97	23.01	24.5	0.5
40	PI/2 BPSK	108	54	23.75	23.55	23.66	25.0	0.0
40	PI/2 BPSK	108	108	23.14	22.97	23.00	24.5	0.5
40	PI/2 BPSK	216	0	23.17	23.04	23.12		
40	QPSK	1	1	23.82	23.96	23.85	25.0	0.0
40	QPSK	1	108	23.80	23.89	23.84		
40	QPSK	1	214	23.68	23.75	23.52		
40	QPSK	108	0	22.50	22.59	22.58	24.0	1.0
40	QPSK	108	54	23.63	23.65	23.47	25.0	0.0
40	QPSK	108	108	22.54	22.71	22.37	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.43		
40	16QAM	1	1	22.29	22.20	22.20	24.0	1.0
40	64QAM	1	1	20.98	20.80	20.92	22.5	2.5
40	256QAM	1	1	19.59	19.41	19.43	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.67	23.86	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	23.65	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.76	23.84	25.0	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	23.66	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.76	23.87	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.87	23.73	23.83	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.20	22.31	22.08	23.5	0.0
40	PI/2 BPSK	1	108	22.31	22.26	22.10		
40	PI/2 BPSK	1	214	22.28	22.28	22.15		
40	PI/2 BPSK	108	0	22.16	22.29	22.20	23.5	0.0
40	PI/2 BPSK	108	54	22.20	22.29	22.13	23.5	0.0
40	PI/2 BPSK	108	108	22.29	22.23	22.12		
40	PI/2 BPSK	216	0	22.16	22.26	22.05	23.5	0.0
40	QPSK	1	1	22.27	22.34	22.16		
40	QPSK	1	108	22.10	22.25	21.94	23.5	0.0
40	QPSK	1	214	22.10	22.24	22.10		
40	QPSK	108	0	22.10	22.11	22.05	23.5	0.0
40	QPSK	108	54	22.17	22.27	22.11	23.5	0.0
40	QPSK	108	108	22.16	22.18	22.10		
40	QPSK	216	0	22.06	22.28	22.13	23.5	0.0
40	16QAM	1	1	22.17	22.21	22.05	23.5	0.0
40	64QAM	1	1	21.26	21.27	21.30	23.0	0.5
40	256QAM	1	1	20.00	20.04	19.87	21.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.28	22.30	22.09	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.24	22.27	22.05	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.23	22.24	22.11	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.22	22.26	22.12	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.29	22.21	22.14	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.28	22.26	22.07	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.50	19.64	19.65	21.5	0.0
40	PI/2 BPSK	1	108	19.55	19.70	19.59		
40	PI/2 BPSK	1	214	19.69	19.65	19.61		
40	PI/2 BPSK	108	0	19.53	19.60	19.58	21.5	0.0
40	PI/2 BPSK	108	54	19.56	19.67	19.56	21.5	0.0
40	PI/2 BPSK	108	108	19.69	19.67	19.60	21.5	0.0
40	PI/2 BPSK	216	0	19.58	19.72	19.61		
40	QPSK	1	1	19.66	19.78	19.67	21.5	0.0
40	QPSK	1	108	19.54	19.68	19.53		
40	QPSK	1	214	19.64	19.64	19.57		
40	QPSK	108	0	19.65	19.68	19.54	21.5	0.0
40	QPSK	108	54	19.68	19.70	19.63	21.5	0.0
40	QPSK	108	108	19.55	19.63	19.55	21.5	0.0
40	QPSK	216	0	19.52	19.71	19.51		
40	16QAM	1	1	19.67	19.68	19.53	21.5	0.0
40	64QAM	1	1	19.63	19.64	19.57	21.5	0.0
40	256QAM	1	1	19.60	19.77	19.58	21.0	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.59	19.61	19.62	21.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.69	19.65	19.53	21.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.61	19.55	19.65	21.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.58	19.60	19.53	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.66	19.58	19.61	21.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.59	19.60	19.64	21.5	0.0

Reduced Power Mode for Other PA ECI4

Band 2_Ant 4_Other PA

BW [MHz]	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	23.03	23.07	22.95	24	0
20	QPSK	1	49	22.95	22.96	22.90		
20	QPSK	1	99	22.94	22.82	22.85		
20	QPSK	50	0	21.95	22.07	21.81	23	1
20	QPSK	50	24	21.94	21.85	21.74		
20	QPSK	50	50	21.89	21.79	21.69		
20	QPSK	100	0	21.91	21.96	21.69		
20	16QAM	1	0	22.02	22.16	22.11	23	1
20	16QAM	1	49	22.07	21.97	21.95		
20	16QAM	1	99	22.11	22.03	21.98		
20	16QAM	50	0	20.86	20.90	20.79	22	2
20	16QAM	50	24	20.90	20.90	20.78		
20	16QAM	50	50	20.86	20.78	20.75		
20	16QAM	100	0	20.91	20.87	20.70		
20	64QAM	1	0	20.96	21.02	20.95	22	2
20	64QAM	1	49	21.05	21.00	20.91		
20	64QAM	1	99	21.09	20.89	20.88		
20	64QAM	50	0	19.92	19.93	19.79	21	3
20	64QAM	50	24	19.92	19.83	19.75		
20	64QAM	50	50	19.94	19.78	19.73		
20	64QAM	100	0	19.95	19.90	19.69		
20	256QAM	1	0	18.03	18.02	17.97	19	5
20	256QAM	1	49	18.04	18.06	18.10		
20	256QAM	1	99	18.05	17.98	18.00		
20	256QAM	50	0	17.79	17.93	17.84		
20	256QAM	50	24	17.80	17.82	17.87		
20	256QAM	50	50	17.84	17.86	17.86		
20	256QAM	100	0	17.79	17.91	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.94	22.98	22.70	24	0
15	QPSK	1	37	22.82	22.82	22.75		
15	QPSK	1	74	22.82	22.76	22.76		
15	QPSK	36	0	21.80	21.99	21.75	23	1
15	QPSK	36	20	21.82	21.74	21.61		
15	QPSK	36	39	21.77	21.74	21.55		
15	QPSK	75	0	21.82	21.84	21.59		
15	16QAM	1	0	21.93	22.02	22.05	23	1
15	16QAM	1	37	21.97	21.88	21.89		
15	16QAM	1	74	22.04	21.87	21.91		
15	16QAM	36	0	20.76	20.80	20.65	22	2
15	16QAM	36	20	20.82	20.85	20.62		
15	16QAM	36	39	20.81	20.62	20.70		
15	16QAM	75	0	20.77	20.77	20.55		
15	64QAM	1	0	20.88	20.94	20.81	22	2
15	64QAM	1	37	20.99	20.87	20.75		
15	64QAM	1	74	21.00	20.84	20.79		
15	64QAM	36	0	19.80	19.80	19.73	21	3
15	64QAM	36	20	19.87	19.69	19.67		
15	64QAM	36	39	19.88	19.71	19.68		
15	64QAM	75	0	19.83	19.81	19.56		
15	256QAM	1	0	17.95	17.90	17.92	19	5
15	256QAM	1	37	17.92	17.98	18.01		
15	256QAM	1	74	17.93	17.89	17.84		
15	256QAM	36	0	17.69	17.83	17.82	19	5
15	256QAM	36	20	17.72	17.74	17.73		
15	256QAM	36	39	17.73	17.72	17.81		
15	256QAM	75	0	17.65	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.87	22.96	22.70	24	0
10	QPSK	1	25	22.88	22.88	22.83		
10	QPSK	1	49	22.83	22.70	22.72		
10	QPSK	25	0	21.85	22.02	21.74	23	1
10	QPSK	25	12	21.82	21.69	21.63		
10	QPSK	25	25	21.81	21.71	21.60		
10	QPSK	50	0	21.86	21.89	21.60		
10	16QAM	1	0	21.96	22.05	22.04	23	1
10	16QAM	1	25	21.91	21.85	21.82		
10	16QAM	1	49	22.00	21.93	21.89		
10	16QAM	25	0	20.81	20.85	20.72	22	2
10	16QAM	25	12	20.76	20.83	20.66		
10	16QAM	25	25	20.72	20.69	20.62		
10	16QAM	50	0	20.85	20.78	20.62		
10	64QAM	1	0	20.87	20.90	20.80	22	2
10	64QAM	1	25	20.96	20.92	20.81		
10	64QAM	1	49	21.01	20.73	20.73		
10	64QAM	25	0	19.77	19.88	19.66	21	3
10	64QAM	25	12	19.82	19.72	19.63		
10	64QAM	25	25	19.79	19.62	19.59		
10	64QAM	50	0	19.81	19.76	19.63		
10	256QAM	1	0	17.97	17.86	17.89	19	5
10	256QAM	1	25	17.91	18.00	18.04		
10	256QAM	1	49	17.90	17.90	17.88		
10	256QAM	25	0	17.70	17.86	17.86	19	5
10	256QAM	25	12	17.67	17.70	17.80		
10	256QAM	25	25	17.77	17.71	17.73		
10	256QAM	50	0	17.71	17.77	17.59		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.95	23.00	22.76	24	0
5	QPSK	1	12	22.89	22.86	22.85		
5	QPSK	1	24	22.89	22.77	22.79		
5	QPSK	12	0	21.79	22.02	21.66	23	1
5	QPSK	12	7	21.82	21.69	21.59		
5	QPSK	12	13	21.77	21.66	21.55		
5	QPSK	25	0	21.75	21.80	21.53		
5	16QAM	1	0	21.86	22.02	22.04	23	1
5	16QAM	1	12	21.95	21.86	21.83		
5	16QAM	1	24	22.03	21.91	21.92		
5	16QAM	12	0	20.80	20.78	20.68	22	2
5	16QAM	12	7	20.76	20.76	20.64		
5	16QAM	12	13	20.70	20.69	20.66		
5	16QAM	25	0	20.79	20.80	20.59		
5	64QAM	1	0	20.81	20.91	20.79	22	2
5	64QAM	1	12	20.97	20.84	20.76		
5	64QAM	1	24	21.03	20.78	20.80		
5	64QAM	12	0	19.78	19.78	19.66	21	3
5	64QAM	12	7	19.76	19.75	19.59		
5	64QAM	12	13	19.78	19.63	19.61		
5	64QAM	25	0	19.88	19.75	19.63		
5	256QAM	1	0	17.97	17.91	17.92	19	5
5	256QAM	1	12	17.99	17.92	17.99		
5	256QAM	1	24	17.89	17.91	17.84		
5	256QAM	12	0	17.64	17.77	17.86	19	5
5	256QAM	12	7	17.69	17.72	17.75		
5	256QAM	12	13	17.79	17.81	17.79		
5	256QAM	25	0	17.70	17.81	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.94	22.91	22.72	24	0
3	QPSK	1	8	22.90	22.91	22.79		
3	QPSK	1	14	22.88	22.66	22.79		
3	QPSK	8	0	21.87	21.94	21.76	23	1
3	QPSK	8	4	21.84	21.77	21.66		
3	QPSK	8	7	21.80	21.70	21.61		
3	QPSK	15	0	21.75	21.84	21.54		
3	16QAM	1	0	21.92	22.07	21.97	23	1
3	16QAM	1	8	22.00	21.83	21.80		
3	16QAM	1	14	22.00	21.98	21.92		
3	16QAM	8	0	20.72	20.74	20.67	22	2
3	16QAM	8	4	20.75	20.82	20.72		
3	16QAM	8	7	20.70	20.73	20.69		
3	16QAM	15	0	20.85	20.79	20.60		
3	64QAM	1	0	20.88	20.94	20.80	22	2
3	64QAM	1	8	20.93	20.85	20.83		
3	64QAM	1	14	20.97	20.81	20.75		
3	64QAM	8	0	19.81	19.88	19.64	21	3
3	64QAM	8	4	19.79	19.76	19.62		
3	64QAM	8	7	19.85	19.68	19.68		
3	64QAM	15	0	19.84	19.80	19.60		
3	256QAM	1	0	17.91	17.90	17.88	19	5
3	256QAM	1	8	17.92	17.91	17.97		
3	256QAM	1	14	17.96	17.82	17.87		
3	256QAM	8	0	17.67	17.86	17.88	19	5
3	256QAM	8	4	17.73	17.70	17.76		
3	256QAM	8	7	17.77	17.81	17.78		
3	256QAM	15	0	17.67	17.85	17.63		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.90	22.97	22.71	24	0
1.4	QPSK	1	3	22.81	22.82	22.77		
1.4	QPSK	1	5	22.84	22.69	22.69		
1.4	QPSK	3	0	22.95	22.93	22.77		
1.4	QPSK	3	1	22.88	22.82	22.81		
1.4	QPSK	3	3	22.81	22.72	22.78		
1.4	QPSK	6	0	21.75	21.85	21.54	23	1
1.4	16QAM	1	0	21.93	22.01	22.06	23	1
1.4	16QAM	1	3	21.91	21.85	21.87		
1.4	16QAM	1	5	22.05	21.94	21.87		
1.4	16QAM	3	0	21.85	21.95	21.67		
1.4	16QAM	3	1	21.81	21.73	21.62		
1.4	16QAM	3	3	21.82	21.73	21.62		
1.4	16QAM	6	0	20.76	20.77	20.62	22	2
1.4	64QAM	1	0	20.87	20.86	20.79	22	2
1.4	64QAM	1	3	20.95	20.84	20.79		
1.4	64QAM	1	5	21.04	20.76	20.75		
1.4	64QAM	3	0	20.78	20.81	20.69		
1.4	64QAM	3	1	20.85	20.80	20.71		
1.4	64QAM	3	3	20.72	20.73	20.70		
1.4	64QAM	6	0	19.83	19.79	19.56	21	3
1.4	256QAM	1	0	17.93	17.91	17.83	19	5
1.4	256QAM	1	3	17.93	17.92	17.94		
1.4	256QAM	1	5	17.93	17.90	17.86		
1.4	256QAM	3	0	17.74	17.81	17.82		
1.4	256QAM	3	1	17.72	17.69	17.77		
1.4	256QAM	3	3	17.74	17.81	17.78		
1.4	256QAM	6	0	17.70	17.81	17.60	19	5

Band 2_Ant 2_Other PA

BW [MHz]	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	23.49	23.79	23.78	25	0
20	QPSK	1	49	23.44	23.55	23.73		
20	QPSK	1	99	23.26	23.61	23.77		
20	QPSK	50	0	22.54	22.83	22.77	24	1
20	QPSK	50	24	22.51	22.81	22.65		
20	QPSK	50	50	22.43	22.68	22.74		
20	QPSK	100	0	22.60	22.77	22.66		
20	16QAM	1	0	22.84	23.04	22.90	24	1
20	16QAM	1	49	22.84	22.93	22.86		
20	16QAM	1	99	22.78	22.81	22.90		
20	16QAM	50	0	21.72	21.82	21.77	23	2
20	16QAM	50	24	21.68	21.74	21.74		
20	16QAM	50	50	21.62	21.69	21.67		
20	16QAM	100	0	21.67	21.66	21.62		
20	64QAM	1	0	21.80	21.91	21.86	23	2
20	64QAM	1	49	21.88	21.90	21.80		
20	64QAM	1	99	21.73	21.82	21.86		
20	64QAM	50	0	20.72	20.73	20.78	22	3
20	64QAM	50	24	20.68	20.81	20.69		
20	64QAM	50	50	20.67	20.71	20.67		
20	64QAM	100	0	20.71	20.74	20.68		
20	256QAM	1	0	18.84	18.80	18.88	20	5
20	256QAM	1	49	18.65	18.74	18.81		
20	256QAM	1	99	18.69	18.66	18.73		
20	256QAM	50	0	18.74	18.61	18.81	20	5
20	256QAM	50	24	18.61	18.58	18.75		
20	256QAM	50	50	18.54	18.63	18.56		
20	256QAM	100	0	18.54	18.55	18.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.35	23.63	23.66	25	0
15	QPSK	1	37	23.31	23.48	23.62		
15	QPSK	1	74	23.18	23.55	23.64		
15	QPSK	36	0	22.35	22.72	22.62	24	1
15	QPSK	36	20	22.35	22.66	22.52		
15	QPSK	36	39	22.37	22.54	22.69		
15	QPSK	75	0	22.55	22.63	22.55		
15	16QAM	1	0	22.68	22.88	22.77	24	1
15	16QAM	1	37	22.76	22.86	22.78		
15	16QAM	1	74	22.73	22.66	22.82		
15	16QAM	36	0	21.63	21.74	21.63	23	2
15	16QAM	36	20	21.60	21.58	21.64		
15	16QAM	36	39	21.46	21.61	21.60		
15	16QAM	75	0	21.62	21.61	21.49		
15	64QAM	1	0	21.68	21.77	21.76	23	2
15	64QAM	1	37	21.82	21.85	21.74		
15	64QAM	1	74	21.58	21.71	21.74		
15	64QAM	36	0	20.66	20.67	20.64	22	3
15	64QAM	36	20	20.60	20.69	20.55		
15	64QAM	36	39	20.54	20.61	20.53		
15	64QAM	75	0	20.65	20.61	20.62		
15	256QAM	1	0	18.68	18.71	18.77	20	5
15	256QAM	1	37	18.51	18.61	18.68		
15	256QAM	1	74	18.63	18.59	18.59		
15	256QAM	36	0	18.69	18.56	18.47	20	5
15	256QAM	36	20	18.45	18.49	18.63		
15	256QAM	36	39	18.49	18.52	18.46		
15	256QAM	75	0	18.43	18.40	18.54		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.37	23.68	23.60	25	0
10	QPSK	1	25	23.38	23.40	23.62		
10	QPSK	1	49	23.17	23.56	23.64		
10	QPSK	25	0	22.29	22.77	22.66	24	1
10	QPSK	25	12	22.36	22.73	22.52		
10	QPSK	25	25	22.33	22.59	22.58		
10	QPSK	50	0	22.46	22.62	22.57		
10	16QAM	1	0	22.77	22.96	22.77	24	1
10	16QAM	1	25	22.68	22.88	22.71		
10	16QAM	1	49	22.64	22.66	22.74		
10	16QAM	25	0	21.59	21.72	21.65	23	2
10	16QAM	25	12	21.52	21.60	21.63		
10	16QAM	25	25	21.56	21.64	21.55		
10	16QAM	50	0	21.54	21.60	21.55		
10	64QAM	1	0	21.72	21.76	21.72	23	2
10	64QAM	1	25	21.79	21.79	21.70		
10	64QAM	1	49	21.67	21.71	21.70		
10	64QAM	25	0	20.57	20.58	20.66	22	3
10	64QAM	25	12	20.58	20.70	20.63		
10	64QAM	25	25	20.62	20.59	20.58		
10	64QAM	50	0	20.65	20.58	20.57		
10	256QAM	1	0	18.72	18.69	18.83	20	5
10	256QAM	1	25	18.60	18.60	18.65		
10	256QAM	1	49	18.63	18.58	18.64		
10	256QAM	25	0	18.63	18.54	18.45	20	5
10	256QAM	25	12	18.56	18.45	18.63		
10	256QAM	25	25	18.46	18.51	18.42		
10	256QAM	50	0	18.48	18.48	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.28	23.63	23.60	25	0
5	QPSK	1	12	23.32	23.50	23.61		
5	QPSK	1	24	23.19	23.46	23.62		
5	QPSK	12	0	22.32	22.74	22.72	24	1
5	QPSK	12	7	22.39	22.66	22.56		
5	QPSK	12	13	22.32	22.52	22.59		
5	QPSK	25	0	22.45	22.71	22.50		
5	16QAM	1	0	22.78	22.92	22.85	24	1
5	16QAM	1	12	22.72	22.77	22.70		
5	16QAM	1	24	22.66	22.65	22.81		
5	16QAM	12	0	21.66	21.67	21.65	23	2
5	16QAM	12	7	21.52	21.64	21.61		
5	16QAM	12	13	21.51	21.58	21.55		
5	16QAM	25	0	21.51	21.52	21.52		
5	64QAM	1	0	21.72	21.75	21.72	23	2
5	64QAM	1	12	21.74	21.75	21.68		
5	64QAM	1	24	21.62	21.66	21.74		
5	64QAM	12	0	20.67	20.67	20.62	22	3
5	64QAM	12	7	20.59	20.74	20.58		
5	64QAM	12	13	20.60	20.62	20.62		
5	64QAM	25	0	20.55	20.61	20.58		
5	256QAM	1	0	18.66	18.72	18.80	20	5
5	256QAM	1	12	18.59	18.62	18.65		
5	256QAM	1	24	18.64	18.57	18.64		
5	256QAM	12	0	18.69	18.47	18.47	20	5
5	256QAM	12	7	18.45	18.53	18.59		
5	256QAM	12	13	18.43	18.57	18.48		
5	256QAM	25	0	18.49	18.44	18.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.29	23.63	23.64	25	0
3	QPSK	1	8	23.33	23.42	23.63		
3	QPSK	1	14	23.13	23.56	23.70		
3	QPSK	8	0	22.36	22.75	22.65	24	1
3	QPSK	8	4	22.35	22.68	22.57		
3	QPSK	8	7	22.27	22.61	22.61		
3	QPSK	15	0	22.55	22.66	22.52		
3	16QAM	1	0	22.68	22.98	22.79	24	1
3	16QAM	1	8	22.73	22.80	22.74		
3	16QAM	1	14	22.62	22.72	22.84		
3	16QAM	8	0	21.68	21.77	21.63	23	2
3	16QAM	8	4	21.61	21.66	21.61		
3	16QAM	8	7	21.55	21.63	21.56		
3	16QAM	15	0	21.54	21.52	21.56		
3	64QAM	1	0	21.71	21.77	21.74	23	2
3	64QAM	1	8	21.77	21.81	21.66		
3	64QAM	1	14	21.59	21.73	21.81		
3	64QAM	8	0	20.60	20.58	20.72	22	3
3	64QAM	8	4	20.52	20.76	20.57		
3	64QAM	8	7	20.62	20.64	20.51		
3	64QAM	15	0	20.56	20.67	20.55		
3	256QAM	1	0	18.68	18.72	18.76	20	5
3	256QAM	1	8	18.56	18.64	18.74		
3	256QAM	1	14	18.59	18.57	18.68		
3	256QAM	8	0	18.62	18.50	18.55	20	5
3	256QAM	8	4	18.54	18.49	18.61		
3	256QAM	8	7	18.45	18.50	18.45		
3	256QAM	15	0	18.47	18.47	18.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.28	23.64	23.58	25	0
1.4	QPSK	1	3	23.30	23.42	23.58		
1.4	QPSK	1	5	23.16	23.51	23.72		
1.4	QPSK	3	0	23.34	23.69	23.55		
1.4	QPSK	3	1	23.32	23.45	23.64		
1.4	QPSK	3	3	23.20	23.53	23.65		
1.4	QPSK	6	0	22.54	22.65	22.53	24	1
1.4	16QAM	1	0	22.77	22.96	22.76	24	1
1.4	16QAM	1	3	22.73	22.85	22.79		
1.4	16QAM	1	5	22.64	22.65	22.84		
1.4	16QAM	3	0	22.29	22.73	22.67		
1.4	16QAM	3	1	22.39	22.72	22.55		
1.4	16QAM	3	3	22.27	22.60	22.66	23	2
1.4	16QAM	6	0	21.53	21.53	21.53		
1.4	64QAM	1	0	21.75	21.84	21.72	23	2
1.4	64QAM	1	3	21.82	21.74	21.67		
1.4	64QAM	1	5	21.68	21.72	21.80		
1.4	64QAM	3	0	21.58	21.70	21.66		
1.4	64QAM	3	1	21.59	21.64	21.62		
1.4	64QAM	3	3	21.51	21.53	21.52		
1.4	64QAM	6	0	20.65	20.66	20.60	22	3
1.4	256QAM	1	0	18.74	18.68	18.72	20	5
1.4	256QAM	1	3	18.52	18.64	18.67		
1.4	256QAM	1	5	18.53	18.60	18.61		
1.4	256QAM	3	0	18.58	18.51	18.52		
1.4	256QAM	3	1	18.46	18.52	18.69		
1.4	256QAM	3	3	18.44	18.55	18.46		
1.4	256QAM	6	0	18.44	18.49	18.59	20	5

Band 2_Ant 5_Other PA

BW [MHz]	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	22.73	22.79	22.75	24	0
20	QPSK	1	49	22.71	22.59	22.61		
20	QPSK	1	99	22.67	22.63	22.66		
20	QPSK	50	0	22.56	22.68	22.54	24	0
20	QPSK	50	24	22.50	22.50	22.46		
20	QPSK	50	50	22.55	22.46	22.34		
20	QPSK	100	0	22.44	22.53	22.38		
20	16QAM	1	0	22.64	22.61	22.54	24	0
20	16QAM	1	49	22.63	22.58	22.51		
20	16QAM	1	99	22.64	22.43	22.58		
20	16QAM	50	0	22.20	22.27	22.12	23.5	0.5
20	16QAM	50	24	22.28	22.18	22.05		
20	16QAM	50	50	22.14	22.03	22.16		
20	16QAM	100	0	22.32	22.23	22.

Band 2_Ant 3_Other PA

BW [MHz]	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	23.35	23.49	23.33	25	0
20	QPSK	1	49	23.11	23.17	23.07		
20	QPSK	1	99	23.15	23.12	23.03		
20	QPSK	50	0	22.23	22.33	22.15	24	1
20	QPSK	50	24	22.22	22.19	22.13		
20	QPSK	50	50	22.20	22.09	22.10		
20	QPSK	100	0	22.17	22.23	22.07		
20	16QAM	1	0	22.22	22.36	22.28	24	1
20	16QAM	1	49	22.39	22.36	22.25		
20	16QAM	1	99	22.41	22.22	22.14		
20	16QAM	50	0	21.27	21.15	21.09	23	2
20	16QAM	50	24	21.21	21.15	21.02		
20	16QAM	50	50	21.21	21.12	21.04		
20	16QAM	100	0	21.17	21.13	21.00		
20	64QAM	1	0	21.22	21.34	21.27	23	2
20	64QAM	1	49	21.31	21.25	21.24		
20	64QAM	1	99	21.31	21.17	21.12		
20	64QAM	50	0	20.19	20.20	20.09	22	3
20	64QAM	50	24	20.16	20.11	20.13		
20	64QAM	50	50	20.23	20.09	20.08		
20	64QAM	100	0	20.21	20.18	20.07		
20	256QAM	1	0	18.14	18.20	18.27	20	5
20	256QAM	1	49	18.16	18.10	18.24		
20	256QAM	1	99	18.24	18.20	18.22		
20	256QAM	50	0	18.18	18.03	18.19	20	5
20	256QAM	50	24	18.04	18.02	18.05		
20	256QAM	50	50	18.10	18.10	18.08		
20	256QAM	100	0	18.05	18.02	18.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.14	23.19	23.18	25	0
15	QPSK	1	37	23.11	23.23	23.10		
15	QPSK	1	74	23.17	23.13	23.14		
15	QPSK	36	0	22.24	22.32	22.14	24	1
15	QPSK	36	20	22.20	22.17	22.14		
15	QPSK	36	39	22.16	22.14	22.09		
15	QPSK	75	0	22.18	22.22	22.09		
15	16QAM	1	0	22.25	22.42	22.33	24	1
15	16QAM	1	37	22.39	22.39	22.31		
15	16QAM	1	74	22.49	22.24	22.20		
15	16QAM	36	0	21.23	21.23	21.16	23	2
15	16QAM	36	20	21.22	21.24	21.11		
15	16QAM	36	39	21.17	21.16	21.11		
15	16QAM	75	0	21.24	21.18	21.08		
15	64QAM	1	0	21.25	21.45	21.28	23	2
15	64QAM	1	37	21.35	21.29	21.23		
15	64QAM	1	74	21.41	21.27	21.18		
15	64QAM	36	0	20.29	20.18	20.14	22	3
15	64QAM	36	20	20.27	20.24	20.15		
15	64QAM	36	39	20.25	20.15	20.07		
15	64QAM	75	0	20.26	20.20	20.14		
15	256QAM	1	0	18.24	18.34	18.41	20	5
15	256QAM	1	37	18.34	18.34	18.38		
15	256QAM	1	74	18.38	18.29	18.28		
15	256QAM	36	0	18.31	18.20	18.20	20	5
15	256QAM	36	20	18.11	18.24	18.14		
15	256QAM	36	39	18.12	18.21	18.25		
15	256QAM	75	0	18.16	18.20	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.13	23.23	23.11	25	0
10	QPSK	1	25	23.19	23.15	23.05		
10	QPSK	1	49	23.13	23.18	23.07		
10	QPSK	25	0	22.23	22.27	22.13	24	1
10	QPSK	25	12	22.25	22.16	22.13		
10	QPSK	25	25	22.20	22.11	22.14		
10	QPSK	50	0	22.22	22.23	22.09		
10	16QAM	1	0	22.28	22.45	22.35	24	1
10	16QAM	1	25	22.41	22.34	22.28		
10	16QAM	1	49	22.49	22.25	22.18		
10	16QAM	25	0	21.22	21.22	21.15	23	2
10	16QAM	25	12	21.27	21.20	21.08		
10	16QAM	25	25	21.20	21.13	21.07		
10	16QAM	50	0	21.24	21.15	21.12		
10	64QAM	1	0	21.28	21.44	21.30	23	2
10	64QAM	1	25	21.38	21.24	21.23		
10	64QAM	1	49	21.32	21.27	21.22		
10	64QAM	25	0	20.22	20.21	20.19	22	3
10	64QAM	25	12	20.22	20.24	20.11		
10	64QAM	25	25	20.23	20.13	20.09		
10	64QAM	50	0	20.23	20.12	20.15		
10	256QAM	1	0	18.27	18.29	18.33	20	5
10	256QAM	1	25	18.25	18.29	18.36		
10	256QAM	1	49	18.28	18.24	18.27		
10	256QAM	25	0	18.17	18.13	18.17	20	5
10	256QAM	25	12	18.13	18.12	18.10		
10	256QAM	25	25	18.11	18.20	18.22		
10	256QAM	50	0	18.21	18.06	18.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.18	23.18	23.11	25	0
5	QPSK	1	12	23.16	23.22	23.11		
5	QPSK	1	24	23.19	23.19	23.16		
5	QPSK	12	0	22.27	22.26	22.17	24	1
5	QPSK	12	7	22.26	22.17	22.15		
5	QPSK	12	13	22.24	22.12	22.08		
5	QPSK	25	0	22.21	22.25	22.15		
5	16QAM	1	0	22.26	22.40	22.35	24	1
5	16QAM	1	12	22.38	22.31	22.33		
5	16QAM	1	24	22.41	22.26	22.21		
5	16QAM	12	0	21.24	21.23	21.18	23	2
5	16QAM	12	7	21.25	21.20	21.07		
5	16QAM	12	13	21.23	21.15	21.13		
5	16QAM	25	0	21.26	21.14	21.06		
5	64QAM	1	0	21.24	21.42	21.33	23	2
5	64QAM	1	12	21.37	21.22	21.28		
5	64QAM	1	24	21.34	21.25	21.19		
5	64QAM	12	0	20.22	20.16	20.18	22	3
5	64QAM	12	7	20.29	20.18	20.10		
5	64QAM	12	13	20.18	20.15	20.11		
5	64QAM	25	0	20.23	20.20	20.09		
5	256QAM	1	0	18.26	18.28	18.32	20	5
5	256QAM	1	12	18.39	18.20	18.25		
5	256QAM	1	24	18.27	18.26	18.38		
5	256QAM	12	0	18.30	18.21	18.28	20	5
5	256QAM	12	7	18.19	18.15	18.10		
5	256QAM	12	13	18.09	18.19	18.28		
5	256QAM	25	0	18.19	18.13	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.19	23.25	23.15	25	0
3	QPSK	1	8	23.17	23.18	23.10		
3	QPSK	1	14	23.16	23.13	23.12		
3	QPSK	8	0	22.22	22.26	22.12	24	1
3	QPSK	8	4	22.25	22.21	22.09		
3	QPSK	8	7	22.25	22.16	22.08		
3	QPSK	15	0	22.26	22.28	22.16		
3	16QAM	1	0	22.30	22.46	22.35	24	1
3	16QAM	1	8	22.37	22.40	22.36		
3	16QAM	1	14	22.49	22.18	22.18		
3	16QAM	8	0	21.22	21.21	21.14	23	2
3	16QAM	8	4	21.21	21.21	21.06		
3	16QAM	8	7	21.20	21.11	21.12		
3	16QAM	15	0	21.23	21.17	21.10		
3	64QAM	1	0	21.27	21.42	21.33	23	2
3	64QAM	1	8	21.29	21.26	21.28		
3	64QAM	1	14	21.35	21.28	21.18		
3	64QAM	8	0	20.22	20.19	20.16	22	3
3	64QAM	8	4	20.21	20.25	20.10		
3	64QAM	8	7	20.21	20.11	20.09		
3	64QAM	15	0	20.22	20.13	20.12		
3	256QAM	1	0	18.26	18.31	18.28	20	5
3	256QAM	1	8	18.26	18.33	18.28		
3	256QAM	1	14	18.34	18.28	18.31		
3	256QAM	8	0	18.24	18.16	18.26	20	5
3	256QAM	8	4	18.17	18.23	18.11		
3	256QAM	8	7	18.13	18.22	18.13		
3	256QAM	15	0	18.17	18.16	18.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.18	23.14	25	0
1.4	QPSK	1	3	23.18	23.19	23.13		
1.4	QPSK	1	5	23.19	23.14	23.07		
1.4	QPSK	3	0	23.18	23.21	23.10		
1.4	QPSK	3	1	23.13	23.15	23.10		
1.4	QPSK	3	3	23.14	23.18	23.12		
1.4	QPSK	6	0	22.24	22.29	22.13	24	1
1.4	16QAM	1	0	22.28	22.20	22.15	24	1
1.4	16QAM	1	3	22.20	22.08	22.12		
1.4	16QAM	1	5	22.21	22.24	22.09		
1.4	16QAM	3	0	22.31	22.41	22.34		
1.4	16QAM	3	1	22.34	22.34	22.36		
1.4	16QAM	3	3	22.48	22.19	22.19		
1.4	16QAM	6	0	21.27	21.25	21.12	23	2
1.4	64QAM	1	0	21.18	21.21	21.06	23	2
1.4	64QAM	1	3	21.18	21.16	21.06		
1.4	64QAM	1	5	21.19	21.14	21.05		
1.4	64QAM	3	0	21.31	21.41	21.28		
1.4	64QAM	3	1	21.34	21.25	21.26		
1.4	64QAM	3	3	21.35	21.31	21.15		
1.4	64QAM	6	0	20.31	20.21	20.14	22	3
1.4	256QAM	1	0	18.32	18.34	18.43	20	5
1.4	256QAM	1	3	18.24	18.25	18.30		
1.4	256QAM	1	5	18.28	18.21	18.36		
1.4	256QAM	3	0	18.21	18.14	18.20		
1.4	256QAM	3	1	18.17	18.21	18.19		
1.4	256QAM	3	3	18.16	18.18	18.26		
1.4	256QAM	6	0	18.16	18.09	18.04	20	5

Band 4_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.13	23.14	23.03	24	0
20	QPSK	1	49	23.11	23.03	22.99		
20	QPSK	1	99	22.98	22.97	22.87		
20	QPSK	50	0	22.05	22.08	21.96	23	1
20	QPSK	50	24	22.02	21.96	21.92		
20	QPSK	50	50	21.99	21.96	21.89		
20	QPSK	100	0	22.03	22.05	21.93		
20	16QAM	1	0	22.34	22.31	22.28	23	1
20	16QAM	1	49	22.28	22.21	22.18		
20	16QAM	1	99	22.19	22.13	22.06		
20	16QAM	50	0	21.03	21.00	20.97	22	2
20	16QAM	50	24	21.01	20.97	20.91		
20	16QAM	50	50	20.97	20.95	20.88		
20	16QAM	100	0	21.01	20.95	20.91		
20	64QAM	1	0	21.21	21.21	21.22	22	2
20	64QAM	1	49	21.16	21.13	21.11		
20	64QAM	1	99	21.06	21.05	20.99		
20	64QAM	50	0	20.07	20.00	19.97	21	3
20	64QAM	50	24	20.03	19.98	19.95		
20	64QAM	50	50	19.97	19.97	19.89		
20	64QAM	100	0	20.02	19.99	19.93		
20	256QAM	1	0	18.11	18.06	17.98	19	5
20	256QAM	1	49	18.02	18.00	18.02		
20	256QAM	1	99	18.08	18.03	17.99		
20	256QAM	50	0	17.95	17.89	17.86	19	5
20	256QAM	50	24	17.84	17.91	17.93		
20	256QAM	50	50	17.94	17.95	17.93		
20	256QAM	100	0	17.90	17.92	17.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.07	22.98	24	0
15	QPSK	1	37	23.01	22.93	22.92		
15	QPSK	1	74	22.95	22.88	22.78		
15	QPSK	36	0	21.98	22.06	21.92	23	1
15	QPSK	36	20	22.00	21.89	21.86		
15	QPSK	36	39	21.89	21.88	21.87		
15	QPSK	75	0	21.98	21.95	21.83		
15	16QAM	1	0	22.28	22.23	22.17	23	1
15	16QAM	1	37	22.19	22.18	22.11		
15	16QAM	1	74	22.16	22.02	22.00		
15	16QAM	36	0	20.92	20.93	20.92	22	2
15	16QAM	36	20	20.95	20.91	20.81		
15	16QAM	36	39	20.94	20.89	20.80		
15	16QAM	75	0	20.93	20.85	20.88		
15	64QAM	1	0	21.11	21.12	21.19	22	2
15	64QAM	1	37	21.14	21.08	21.03		
15	64QAM	1	74	20.97	21.01	20.91		
15	64QAM	36	0	20.01	19.93	19.86	21	3
15	64QAM	36	20	19.98	19.87	19.91		
15	64QAM	36	39	19.88	19.95	19.79		
15	64QAM	75	0	19.97	19.97	19.87		
15	256QAM	1	0	18.09	17.98	17.90	19	5
15	256QAM	1	37	17.95	17.94	18.08		
15	256QAM	1	74	18.02	18.06	17.94		
15	256QAM	36	0	17.92	17.93	17.84	19	5
15	256QAM	36	20	17.90	17.96	17.95		
15	256QAM	36	39	17.89	18.02	17.97		
15	256QAM	75	0	17.90	17.85	18.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.07	23.12	22.96	24	0
10	QPSK	1	25	23.03	22.97	22.93		
10	QPSK	1	49	22.96	22.91	22.78		
10	QPSK	25	0	22.03	22.06	21.89	23	1
10	QPSK	25	12	21.93	21.85	21.83		
10	QPSK	25	25	21.90	21.90	21.83		
10	QPSK	50	0	22.01	22.00	21.89		
10	16QAM	1	0	22.32	22.24	22.25	23	1
10	16QAM	1	25	22.20	22.18	22.15		
10	16QAM	1	49	22.14	22.08	22.03		
10	16QAM	25	0	20.98	20.89	20.95	22	2
10	16QAM	25	12	20.91	20.95	20.88		
10	16QAM	25	25	20.89	20.92	20.83		
10	16QAM	50	0	20.96	20.86	20.80		
10	64QAM	1	0	21.13	21.16	21.17	22	2
10	64QAM	1	25	21.06	21.09	21.00		
10	64QAM	1	49	20.95	21.03	20.88		
10	64QAM	25	0	19.97	19.93	19.87	21	3
10	64QAM	25	12	19.95	19.96	19.89		
10	64QAM	25	25	19.86	19.95	19.85		
10	64QAM	50	0	19.93	19.95	19.90		
10	256QAM	1	0	18.09	18.08	17.94	19	5
10	256QAM	1	25	18.06	18.07	18.04		
10	256QAM	1	49	18.00	17.96	17.98		
10	256QAM	25	0	18.03	17.97	17.89	19	5
10	256QAM	25	12	17.79	17.92	17.98		
10	256QAM	25	25	17.95	18.02	17.89		
10	256QAM	50	0	17.87	17.96	18.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.03	23.13	22.98	24	0
5	QPSK	1	12	23.08	22.98	22.93		
5	QPSK	1	24	22.89	22.87	22.80		
5	QPSK	12	0	21.95	22.06	21.94	23	1
5	QPSK	12	7	21.92	21.94	21.88		
5	QPSK	12	13	21.95	21.91	21.78		
5	QPSK	25	0	22.01	22.00	21.90		
5	16QAM	1	0	22.25	22.24	22.17	23	1
5	16QAM	1	12	22.25	22.16	22.13		
5	16QAM	1	24	22.14	22.05	22.00		
5	16QAM	12	0	20.97	20.93	20.94	22	2
5	16QAM	12	7	20.93	20.89	20.81		
5	16QAM	12	13	20.87	20.88	20.82		
5	16QAM	25	0	20.94	20.92	20.80		
5	64QAM	1	0	21.19	21.17	21.19	22	2
5	64QAM	1	12	21.06	21.03	21.03		
5	64QAM	1	24	21.04	21.03	20.92		
5	64QAM	12	0	20.03	19.93	19.89	21	3
5	64QAM	12	7	19.94	19.95	19.86		
5	64QAM	12	13	19.91	19.86	19.79		
5	64QAM	25	0	19.91	19.95	19.84		
5	256QAM	1	0	18.04	17.98	17.95	19	5
5	256QAM	1	12	17.94	17.94	17.95		
5	256QAM	1	24	18.10	17.99	17.92		
5	256QAM	12	0	17.98	17.87	17.85	19	5
5	256QAM	12	7	17.83	17.91	17.90		
5	256QAM	12	13	18.01	17.90	17.99		
5	256QAM	25	0	17.87	17.91	17.96		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.08	23.07	22.98	24	0
3	QPSK	1	8	23.00	22.95	22.97		
3	QPSK	1	14	22.87	22.94	22.85		
3	QPSK	8	0	21.94	22.00	21.91	23	1
3	QPSK	8	4	21.99	21.91	21.87		
3	QPSK	8	7	21.96	21.86	21.83		
3	QPSK	15	0	21.93	22.02	21.88		
3	16QAM	1	0	22.29	22.20	22.26	23	1
3	16QAM	1	8	22.25	22.15	22.09		
3	16QAM	1	14	22.11	22.11	22.02		
3	16QAM	8	0	20.94	20.92	20.93	22	2
3	16QAM	8	4	20.98	20.89	20.84		
3	16QAM	8	7	20.94	20.89	20.86		
3	16QAM	15	0	20.97	20.85	20.88		
3	64QAM	1	0	21.18	21.13	21.14	22	2
3	64QAM	1	8	21.05	21.06	21.07		
3	64QAM	1	14	21.01	21.03	20.92		
3	64QAM	8	0	20.05	19.89	19.91	21	3
3	64QAM	8	4	19.98	19.91	19.84		
3	64QAM	8	7	19.90	19.87	19.81		
3	64QAM	15	0	19.93	19.93	19.90		
3	256QAM	1	0	18.12	18.12	18.00	19	5
3	256QAM	1	8	17.99	18.04	18.09		
3	256QAM	1	14	18.00	18.01	17.98		
3	256QAM	8	0	18.01	17.94	17.93	19	5
3	256QAM	8	4	17.83	17.89	17.90		
3	256QAM	8	7	17.97	17.96	17.90		
3	256QAM	15	0	17.91	17.91	17.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.87	22.78	22.68	24	0
1.4	QPSK	1	3	22.81	22.74	22.68		
1.4	QPSK	1	5	22.86	22.76	22.71		
1.4	QPSK	3	0	22.75	22.66	22.66		
1.4	QPSK	3	1	22.75	22.66	22.63		
1.4	QPSK	3	3	22.81	22.66	22.65		
1.4	QPSK	6	0	21.99	22.06	21.85	23	1
1.4	16QAM	1	0	21.98	21.85	21.82	23	1
1.4	16QAM	1	3	21.94	21.92	21.79		
1.4	16QAM	1	5	21.92	22.01	21.87		
1.4	16QAM	3	0	22.25	22.27	22.17		
1.4	16QAM	3	1	22.22	22.10	22.16		
1.4	16QAM	3	3	22.12	22.09	22.00		
1.4	16QAM	6	0	20.93	20.91	20.91	22	2
1.4	64QAM	1	0	20.92	20.95	20.81	22	2
1.4	64QAM	1	3	20.92	20.91	20.80		
1.4	64QAM	1	5	20.96	20.92	20.82		
1.4	64QAM	3	0	21.14	21.11	21.18		
1.4	64QAM	3	1	21.06	21.06	21.08		
1.4	64QAM	3	3	20.96	20.97	20.88		
1.4	64QAM	6	0	19.93	19.96	19.84	21	3
1.4	256QAM	1	0	18.18	18.01	17.90	19	5
1.4	256QAM	1	3	17.98	18.05	18.10		
1.4	256QAM	1	5	18.06	18.00	17.93		
1.4	256QAM	3	0	17.92	17.86	17.84		
1.4	256QAM	3	1	17.83	17.83	17.99		
1.4	256QAM	3	3	17.94	17.99	18.01		
1.4	256QAM	6	0	17.94	17.85	18.02	19	5

Band 4_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	23.95	23.88	25	0
20	QPSK	1	49	23.87	23.83	23.78		
20	QPSK	1	99	23.82	23.74	23.71		
20	QPSK	50	0	22.83	22.85	22.84	24	1
20	QPSK	50	24	22.73	22.83	22.82		
20	QPSK	50	50	22.72	22.78	22.78		
20	QPSK	100	0	22.80	22.82	22.79		
20	16QAM	1	0	23.05	23.09	23.16	24	1
20	16QAM	1	49	23.03	23.03	23.08		
20	16QAM	1	99	23.06	23.02	22.90		
20	16QAM	50	0	21.80	21.85	21.85	23	2
20	16QAM	50	24	21.73	21.78	21.80		
20	16QAM	50	50	21.83	21.82	21.79		
20	16QAM	100	0	21.78	21.82	21.83		
20	64QAM	1	0	21.97	21.93	22.05	23	2
20	64QAM	1	49	21.95	21.87	22.01		
20	64QAM	1	99	21.94	22.00	21.77		
20	64QAM	50	0	20.75	20.80	20.79	22	3
20	64QAM	50	24	20.76	20.83	20.76		
20	64QAM	50	50	20.83	20.72	20.74		
20	64QAM	100	0	20.75	20.75	20.78		
20	256QAM	1	0	18.88	18.91	18.84	20	5
20	256QAM	1	49	18.84	18.84	18.83		
20	256QAM	1	99	18.94	19.00	18.92		
20	256QAM	50	0	18.76	18.80	18.80	20	5
20	256QAM	50	24	18.89	18.81	18.76		
20	256QAM	50	50	18.80	18.81	18.76		
20	256QAM	100	0	18.78	18.75	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.89	23.78	23.81	25	0
15	QPSK	1	37	23.71	23.67	23.64		
15	QPSK	1	74	23.77	23.59	23.56		
15	QPSK	36	0	22.73	22.69	22.63	24	1
15	QPSK	36	20	22.65	22.73	22.73		
15	QPSK	36	39	22.56	22.63	22.65		
15	QPSK	75	0	22.69	22.67	22.72		
15	16QAM	1	0	22.98	23.00	23.00	24	1
15	16QAM	1	37	22.97	22.96	22.95		
15	16QAM	1	74	22.97	22.92	22.74		
15	16QAM	36	0	21.68	21.73	21.69	23	2
15	16QAM	36	20	21.57	21.73	21.68		
15	16QAM	36	39	21.75	21.70	21.63		
15	16QAM	75	0	21.72	21.67	21.70		
15	64QAM	1	0	21.92	21.80	21.92	23	2
15	64QAM	1	37	21.89	21.78	21.91		
15	64QAM	1	74	21.81	21.89	21.69		
15	64QAM	36	0	20.70	20.75	20.67	22	3
15	64QAM	36	20	20.60	20.78	20.60		
15	64QAM	36	39	20.74	20.66	20.58		
15	64QAM	75	0	20.63	20.59	20.63		
15	256QAM	1	0	18.83	18.75	18.76	20	5
15	256QAM	1	37	18.73	18.70	18.69		
15	256QAM	1	74	18.86	18.87	18.86		
15	256QAM	36	0	18.66	18.68	18.68	20	5
15	256QAM	36	20	18.80	18.75	18.69		
15	256QAM	36	39	18.64	18.75	18.71		
15	256QAM	75	0	18.67	18.61	18.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.89	23.83	23.74	25	0
10	QPSK	1	25	23.73	23.68	23.71		
10	QPSK	1	49	23.73	23.62	23.56		
10	QPSK	25	0	22.71	22.72	22.70	24	1
10	QPSK	25	12	22.67	22.68	22.80		
10	QPSK	25	25	22.66	22.72	22.67		
10	QPSK	50	0	22.71	22.77	22.68		
10	16QAM	1	0	22.96	23.00	23.07	24	1
10	16QAM	1	25	22.88	22.93	22.92		
10	16QAM	1	49	22.92	22.86	22.83		
10	16QAM	25	0	21.74	21.79	21.76	23	2
10	16QAM	25	12	21.64	21.69	21.64		
10	16QAM	25	25	21.67	21.73	21.70		
10	16QAM	50	0	21.63	21.67	21.78		
10	64QAM	1	0	21.82	21.86	22.00	23	2
10	64QAM	1	25	21.84	21.81	21.88		
10	64QAM	1	49	21.86	21.94	21.68		
10	64QAM	25	0	20.68	20.75	20.67	22	3
10	64QAM	25	12	20.71	20.67	20.63		
10	64QAM	25	25	20.78	20.56	20.62		
10	64QAM	50	0	20.61	20.59	20.67		
10	256QAM	1	0	18.76	18.79	18.74	20	5
10	256QAM	1	25	18.71	18.77	18.78		
10	256QAM	1	49	18.83	18.88	18.80		
10	256QAM	25	0	18.61	18.67	18.72	20	5
10	256QAM	25	12	18.76	18.65	18.69		
10	256QAM	25	25	18.69	18.72	18.67		
10	256QAM	50	0	18.69	18.66	18.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.86	23.88	23.79	25	0
5	QPSK	1	12	23.72	23.67	23.71		
5	QPSK	1	24	23.77	23.67	23.63		
5	QPSK	12	0	22.69	22.71	22.65	24	1
5	QPSK	12	7	22.58	22.76	22.74		
5	QPSK	12	13	22.56	22.62	22.69		
5	QPSK	25	0	22.69	22.73	22.72		
5	16QAM	1	0	22.96	23.02	23.09	24	1
5	16QAM	1	12	22.94	22.89	22.98		
5	16QAM	1	24	22.90	22.89	22.78		
5	16QAM	12	0	21.71	21.74	21.74	23	2
5	16QAM	12	7	21.59	21.68	21.66		
5	16QAM	12	13	21.78	21.69	21.73		
5	16QAM	25	0	21.71	21.73	21.68		
5	64QAM	1	0	21.81	21.78	21.96	23	2
5	64QAM	1	12	21.80	21.78	21.95		
5	64QAM	1	24	21.82	21.91	21.61		
5	64QAM	12	0	20.70	20.65	20.71	22	3
5	64QAM	12	7	20.66	20.67	20.60		
5	64QAM	12	13	20.73	20.59	20.66		
5	64QAM	25	0	20.62	20.65	20.68		
5	256QAM	1	0	18.83	18.84	18.75	20	5
5	256QAM	1	12	18.72	18.73	18.71		
5	256QAM	1	24	18.89	18.85	18.87		
5	256QAM	12	0	18.70	18.73	18.64	20	5
5	256QAM	12	7	18.82	18.69	18.71		
5	256QAM	12	13	18.71	18.72	18.63		
5	256QAM	25	0	18.69	18.68	18.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.82	23.72	25	0
3	QPSK	1	8	23.72	23.70	23.67		
3	QPSK	1	14	23.69	23.61	23.56		
3	QPSK	8	0	22.76	22.69	22.65	24	1
3	QPSK	8	4	22.60	22.77	22.75		
3	QPSK	8	7	22.62	22.62	22.65		
3	QPSK	15	0	22.68	22.75	22.68		
3	16QAM	1	0	22.99	22.94	23.11	24	1
3	16QAM	1	8	22.87	22.97	22.93		
3	16QAM	1	14	22.97	22.88	22.84		
3	16QAM	8	0	21.74	21.69	21.74	23	2
3	16QAM	8	4	21.58	21.64	21.65		
3	16QAM	8	7	21.67	21.68	21.71		
3	16QAM	15	0	21.66	21.68	21.73		
3	64QAM	1	0	21.87	21.87	21.96	23	2
3	64QAM	1	8	21.87	21.78	21.89		
3	64QAM	1	14	21.87	21.86	21.61		
3	64QAM	8	0	20.59	20.66	20.71	22	3
3	64QAM	8	4	20.66	20.69	20.67		
3	64QAM	8	7	20.77	20.66	20.62		
3	64QAM	15	0	20.65	20.66	20.72		
3	256QAM	1	0	18.76	18.75	18.70	20	5
3	256QAM	1	8	18.69	18.72	18.69		
3	256QAM	1	14	18.82	18.91	18.76		
3	256QAM	8	0	18.69	18.69	18.75	20	5
3	256QAM	8	4	18.78	18.72	18.62		
3	256QAM	8	7	18.66	18.71	18.63		
3	256QAM	15	0	18.66	18.60	18.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.85	23.80	23.78	25	0
1.4	QPSK	1	3	23.82	23.76	23.64		
1.4	QPSK	1	5	23.70	23.67	23.63		
1.4	QPSK	3	0	23.81	23.85	23.72		
1.4	QPSK	3	1	23.78	23.75	23.69		
1.4	QPSK	3	3	23.69	23.66	23.57		
1.4	QPSK	6	0	22.71	22.73	22.67	24	1
1.4	16QAM	1	0	22.90	23.01	23.11	24	1
1.4	16QAM	1	3	22.90	22.90	22.97		
1.4	16QAM	1	5	22.95	22.93	22.76		
1.4	16QAM	3	0	22.67	22.69	22.64		
1.4	16QAM	3	1	22.59	22.71	22.76		
1.4	16QAM	3	3	22.67	22.62	22.66		
1.4	16QAM	6	0	21.62	21.73	21.76	23	2
1.4	64QAM	1	0	21.89	21.78	21.90	23	2
1.4	64QAM	1	3	21.82	21.79	21.91		
1.4	64QAM	1	5	21.87	21.85	21.70		
1.4	64QAM	3	0	21.70	21.75	21.79		
1.4	64QAM	3	1	21.68	21.62	21.70		
1.4	64QAM	3	3	21.69	21.75	21.66		
1.4	64QAM	6	0	20.67	20.61	20.70	22	3
1.4	256QAM	1	0	18.80	18.76	18.78	20	5
1.4	256QAM	1	3	18.79	18.74	18.70		
1.4	256QAM	1	5	18.87	18.89	18.86		
1.4	256QAM	3	0	18.69	18.73	18.66		
1.4	256QAM	3	1	18.74	18.66	18.65		
1.4	256QAM	3	3	18.70	18.75	18.63		
1.4	256QAM	6	0	18.73	18.65	18.78	20	5

Band 4_Ant 5_Other PA

BW [MHz]	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	22.95	23.06	22.89	24	0
20	QPSK	1	49	22.92	22.96	22.84		
20	QPSK	1	99	22.76	22.78	22.70		
20	QPSK	50	0	22.72	22.78	22.64	24	0
20	QPSK	50	24	22.67	22.62	22.55		
20	QPSK	50	50	22.70	22.59	22.61		
20	QPSK	100	0	22.64	22.76	22.64		
20	16QAM	1	0	22.77	22.79	22.80	24	0
20	16QAM	1	49	22.76	22.83	22.71		
20	16QAM	1	99	22.75	22.70	22.62		
20	16QAM	50	0	22.32	22.48	22.31	24	0
20	16QAM	50	24	22.45	22.31	22.25		
20	16QAM	50	50	22.31	22.37	22.35		
20	16QAM	100	0	22.22	22.38	22.23		
20	64QAM	1	0	22.64	22.62	22.60	24	0
20	64QAM	1	49	22.51	22.44	22.39		
20	64QAM	1	99	22.41	22.38	22.38		
20	64QAM	50	0	21.37	21.45	21.26	22.5	1.5
20	64QAM	50	24	21.35	21.29	21.35		
20	64QAM	50	50	21.26	21.37	21.29		
20	64QAM	100	0	21.27	21.36	21.31		
20	256QAM	1	0	19.36	19.47	19.52	20.5	3.5
20	256QAM	1	49	19.43	19.48	19.43		
20	256QAM	1	99	19.43	19.45	19.35		
20	256QAM	50	0	19.36	19.21	19.27	20.5	3.5
20	256QAM	50	24	19.36	19.37	19.29		
20	256QAM	50	50	19.40	19.28	19.26		
20	256QAM	100	0	19.21	19.35	19.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.88	22.96	22.75	24	0
15	QPSK	1	37	22.78	22.83	22.74		
15	QPSK	1	74	22.67	22.68	22.64		
15	QPSK	36	0	22.60	22.60	22.54	24	0
15	QPSK	36	20	22.54	22.47	22.43		
15	QPSK	36	39	22.62	22.44	22.56		
15	QPSK	75	0	22.59	22.60	22.52		
15	16QAM	1	0	22.66	22.68	22.75	24	0
15	16QAM	1	37	22.68	22.73	22.59		
15	16QAM	1	74	22.62	22.65	22.49		
15	16QAM	36	0	22.22	22.32	22.22	24	0
15	16QAM	36	20	22.32	22.25	22.17		
15	16QAM	36	39	22.17	22.26	22.30		
15	16QAM	75	0	22.13	22.24	22.14		
15	64QAM	1	0	22.53	22.56	22.51	24	0
15	64QAM	1	37	22.36	22.31	22.24		
15	64QAM	1	74	22.35	22.31	22.22		
15	64QAM	36	0	21.32	21.32	21.16	22.5	1.5
15	64QAM	36	20	21.20	21.24	21.21		
15	64QAM	36	39	21.15	21.27	21.24		
15	64QAM	75	0	21.14	21.23	21.20		
15	256QAM	1	0	19.30	19.35	19.45	20.5	3.5
15	256QAM	1	37	19.31	19.36	19.34		
15	256QAM	1	74	19.31	19.36	19.29		
15	256QAM	36	0	19.23	19.10	19.12	20.5	3.5
15	256QAM	36	20	19.23	19.22	19.21		
15	256QAM	36	39	19.28	19.15	19.18		
15	256QAM	75	0	19.10	19.26	19.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.87	22.90	22.76	24	0
10	QPSK	1	25	22.82	22.81	22.70		
10	QPSK	1	49	22.66	22.63	22.60		
10	QPSK	25	0	22.63	22.56	22.55	24	0
10	QPSK	25	12	22.62	22.50	22.42		
10	QPSK	25	25	22.62	22.45	22.50		
10	QPSK	50	0	22.54	22.66	22.54		
10	16QAM	1	0	22.71	22.64	22.70	24	0
10	16QAM	1	25	22.68	22.72	22.57		
10	16QAM	1	49	22.62	22.57	22.47		
10	16QAM	25	0	22.27	22.34	22.17	24	0
10	16QAM	25	12	22.30	22.15	22.16		
10	16QAM	25	25	22.20	22.22	22.23		
10	16QAM	50	0	22.14	22.31	22.09		
10	64QAM	1	0	22.55	22.54	22.54	24	0
10	64QAM	1	25	22.37	22.30	22.29		
10	64QAM	1	49	22.28	22.28	22.23		
10	64QAM	25	0	21.26	21.34	21.10	22.5	1.5
10	64QAM	25	12	21.26	21.16	21.29		
10	64QAM	25	25	21.13	21.28	21.20		
10	64QAM	50	0	21.19	21.21	21.25		
10	256QAM	1	0	19.22	19.31	19.39	20.5	3.5
10	256QAM	1	25	19.33	19.32	19.34		
10	256QAM	1	49	19.30	19.34	19.25		
10	256QAM	25	0	19.28	19.07	19.13	20.5	3.5
10	256QAM	25	12	19.25	19.31	19.21		
10	256QAM	25	25	19.26	19.15	19.21		
10	256QAM	50	0	19.13	19.27	19.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.87	22.99	22.81	24	0
5	QPSK	1	12	22.85	22.80	22.79		
5	QPSK	1	24	22.66	22.63	22.64		
5	QPSK	12	0	22.60	22.63	22.48	24	0
5	QPSK	12	7	22.54	22.52	22.39		
5	QPSK	12	13	22.59	22.44	22.52		
5	QPSK	25	0	22.48	22.67	22.50		
5	16QAM	1	0	22.71	22.69	22.67	24	0
5	16QAM	1	12	22.70	22.70	22.66		
5	16QAM	1	24	22.69	22.59	22.49		
5	16QAM	12	0	22.22	22.38	22.25	24	0
5	16QAM	12	7	22.32	22.26	22.20		
5	16QAM	12	13	22.17	22.30	22.26		
5	16QAM	25	0	22.13	22.31	22.12		
5	64QAM	1	0	22.49	22.53	22.47	24	0
5	64QAM	1	12	22.40	22.36	22.23		
5	64QAM	1	24	22.28	22.31	22.27		
5	64QAM	12	0	21.32	21.39	21.13	22.5	1.5
5	64QAM	12	7	21.28	21.13	21.30		
5	64QAM	12	13	21.10	21.32	21.13		
5	64QAM	25	0	21.21	21.21	21.26		
5	256QAM	1	0	19.25	19.40	19.42	20.5	3.5
5	256QAM	1	12	19.29	19.37	19.37		
5	256QAM	1	24	19.37	19.31	19.30		
5	256QAM	12	0	19.31	19.10	19.13	20.5	3.5
5	256QAM	12	7	19.22	19.31	19.19		
5	256QAM	12	13	19.35	19.18	19.11		
5	256QAM	25	0	19.08	19.27	19.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.88	22.97	22.76	24	0
3	QPSK	1	8	22.84	22.87	22.79		
3	QPSK	1	14	22.66	22.66	22.57		
3	QPSK	8	0	22.56	22.62	22.54	24	0
3	QPSK	8	4	22.62	22.47	22.42		
3	QPSK	8	7	22.60	22.50	22.47		
3	QPSK	15	0	22.53	22.71	22.57		
3	16QAM	1	0	22.70	22.66	22.70	24	0
3	16QAM	1	8	22.69	22.75	22.66		
3	16QAM	1	14	22.69	22.64	22.51		
3	16QAM	8	0	22.20	22.37	22.22	24	0
3	16QAM	8	4	22.37	22.21	22.18		
3	16QAM	8	7	22.16	22.30	22.28		
3	16QAM	15	0	22.15	22.24	22.09		
3	64QAM	1	0	22.56	22.49	22.45	24	0
3	64QAM	1	8	22.40	22.28	22.32		
3	64QAM	1	14	22.30	22.23	22.31		
3	64QAM	8	0	21.26	21.32	21.18	22.5	1.5
3	64QAM	8	4	21.27	21.16	21.21		
3	64QAM	8	7	21.14	21.23	21.23		
3	64QAM	15	0	21.11	21.27	21.21		
3	256QAM	1	0	19.28	19.41	19.42	20.5	3.5
3	256QAM	1	8	19.27	19.38	19.30		
3	256QAM	1	14	19.31	19.33	19.20		
3	256QAM	8	0	19.27	19.15	19.13	20.5	3.5
3	256QAM	8	4	19.30	19.32	19.19		
3	256QAM	8	7	19.28	19.16	19.19		
3	256QAM	15	0	19.07	19.20	19.26		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.94	22.74	24	0
1.4	QPSK	1	3	22.83	22.85	22.77		
1.4	QPSK	1	5	22.62	22.64	22.59		
1.4	QPSK	3	0	22.63	22.61	22.59		
1.4	QPSK	3	1	22.55	22.46	22.39		
1.4	QPSK	3	3	22.55	22.53	22.55		
1.4	QPSK	6	0	22.50	22.71	22.56	24	0
1.4	16QAM	1	0	22.69	22.74	22.72	24	0
1.4	16QAM	1	3	22.71	22.73	22.57		
1.4	16QAM	1	5	22.66	22.61	22.59		
1.4	16QAM	3	0	22.66	22.67	22.69		
1.4	16QAM	3	1	22.68	22.77	22.61		
1.4	16QAM	3	3	22.69	22.61	22.57		
1.4	16QAM	6	0	22.11	22.26	22.11	24	0
1.4	64QAM	1	0	22.56	22.51	22.51	24	0
1.4	64QAM	1	3	22.45	22.37	22.28		
1.4	64QAM	1	5	22.32	22.24	22.22		
1.4	64QAM	3	0	22.56	22.47	22.46		
1.4	64QAM	3	1	22.43	22.33	22.29		
1.4	64QAM	3	3	22.25	22.24	22.32		
1.4	64QAM	6	0	21.21	21.29	21.21	22.5	1.5
1.4	256QAM	1	0	19.20	19.38	19.38	20.5	3.5
1.4	256QAM	1	3	19.31	19.41	19.32		
1.4	256QAM	1	5	19.33	19.31	19.26		
1.4	256QAM	3	0	19.30	19.09	19.17		
1.4	256QAM	3	1	19.23	19.25	19.17		
1.4	256QAM	3	3	19.26	19.16	19.20		
1.4	256QAM	6	0	19.09	19.30	19.27	20.5	3.5

Band 4_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.93	24.01	23.89	25	0
20	QPSK	1	49	23.86	23.90	23.79		
20	QPSK	1	99	23.90	23.84	23.74		
20	QPSK	50	0	22.93	22.97	22.87	24	1
20	QPSK	50	24	22.90	22.84	22.80		
20	QPSK	50	50	22.85	22.83	22.80		
20	QPSK	100	0	22.85	22.95	22.85		
20	16QAM	1	0	23.20	23.22	23.12		
20	16QAM	1	49	23.18	23.02	23.00	24	1
20	16QAM	1	99	23.00	23.07	22.89		
20	16QAM	50	0	21.86	21.97	21.78	23	2
20	16QAM	50	24	21.88	21.86	21.73		
20	16QAM	50	50	21.86	21.78	21.80		
20	16QAM	100	0	21.89	21.81	21.73		
20	64QAM	1	0	22.21	22.05	22.07	23	2
20	64QAM	1	49	22.02	21.97	21.90		
20	64QAM	1	99	21.97	21.95	21.79		
20	64QAM	50	0	20.96	20.91	20.89	22	3
20	64QAM	50	24	20.88	20.80	20.75		
20	64QAM	50	50	20.83	20.81	20.75		
20	64QAM	100	0	20.94	20.91	20.75		
20	256QAM	1	0	18.87	18.97	19.06	20	5
20	256QAM	1	49	18.83	18.95	18.83		
20	256QAM	1	99	18.96	18.91	18.91		
20	256QAM	50	0	18.86	18.86	18.81	20	5
20	256QAM	50	24	18.92	18.85	18.94		
20	256QAM	50	50	18.83	18.90	18.77		
20	256QAM	100	0	18.80	18.77	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.84	23.92	23.76	25	0
15	QPSK	1	37	23.74	23.77	23.71		
15	QPSK	1	74	23.85	23.70	23.67		
15	QPSK	36	0	22.82	22.90	22.73	24	1
15	QPSK	36	20	22.81	22.74	22.72		
15	QPSK	36	39	22.70	22.73	22.69		
15	QPSK	75	0	22.76	22.87	22.73		
15	16QAM	1	0	23.20	23.11	22.98	24	1
15	16QAM	1	37	23.12	22.91	22.86		
15	16QAM	1	74	22.87	22.96	22.84		
15	16QAM	36	0	21.78	21.84	21.71	23	2
15	16QAM	36	20	21.81	21.72	21.60		
15	16QAM	36	39	21.80	21.73	21.65		
15	16QAM	75	0	21.74	21.69	21.65		
15	64QAM	1	0	22.11	21.89	21.95	23	2
15	64QAM	1	37	21.91	21.90	21.78		
15	64QAM	1	74	21.91	21.83	21.64		
15	64QAM	36	0	20.91	20.80	20.82	22	3
15	64QAM	36	20	20.73	20.65	20.60		
15	64QAM	36	39	20.70	20.71	20.68		
15	64QAM	75	0	20.86	20.76	20.66		
15	256QAM	1	0	18.79	18.91	19.01	20	5
15	256QAM	1	37	18.74	18.81	18.75		
15	256QAM	1	74	18.81	18.81	18.82		
15	256QAM	36	0	18.79	18.77	18.71	20	5
15	256QAM	36	20	18.81	18.79	18.87		
15	256QAM	36	39	18.73	18.79	18.69		
15	256QAM	75	0	18.72	18.68	18.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.80	23.85	23.77	25	0
10	QPSK	1	25	23.78	23.83	23.74		
10	QPSK	1	49	23.79	23.74	23.64		
10	QPSK	25	0	22.87	22.83	22.72	24	1
10	QPSK	25	12	22.78	22.69	22.73		
10	QPSK	25	25	22.76	22.76	22.73		
10	QPSK	50	0	22.75	22.88	22.77		
10	16QAM	1	0	23.08	23.00	23.00	24	1
10	16QAM	1	25	23.05	22.86	22.91		
10	16QAM	1	49	22.87	23.01	22.80		
10	16QAM	25	0	21.72	21.88	21.67	23	2
10	16QAM	25	12	21.83	21.70	21.67		
10	16QAM	25	25	21.78	21.70	21.73		
10	16QAM	50	0	21.80	21.72	21.59		
10	64QAM	1	0	22.15	21.97	21.95	23	2
10	64QAM	1	25	21.89	21.91	21.74		
10	64QAM	1	49	21.84	21.88	21.69		
10	64QAM	25	0	20.81	20.82	20.78	22	3
10	64QAM	25	12	20.83	20.75	20.60		
10	64QAM	25	25	20.87	20.74	20.67		
10	64QAM	50	0	20.86	20.66	20.64		
10	256QAM	1	0	18.74	18.85	18.99	20	5
10	256QAM	1	25	18.72	18.85	18.73		
10	256QAM	1	49	18.77	18.75	18.76		
10	256QAM	25	0	18.78	18.76	18.76		
10	256QAM	25	12	18.86	18.76	18.89		
10	256QAM	25	25	18.78	18.75	18.70		
10	256QAM	50	0	18.74	18.67	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.78	23.91	23.82	25	0
5	QPSK	1	12	23.79	23.82	23.65		
5	QPSK	1	24	23.80	23.69	23.59		
5	QPSK	12	0	22.99	22.86	22.75	24	1
5	QPSK	12	7	22.84	22.76	22.70		
5	QPSK	12	13	22.78	22.76	22.71		
5	QPSK	25	0	22.82	22.89	22.80		
5	16QAM	1	0	23.14	23.16	23.03	24	1
5	16QAM	1	12	23.05	22.86	22.89		
5	16QAM	1	24	22.88	22.92	22.77		
5	16QAM	12	0	21.78	21.86	21.72	23	2
5	16QAM	12	7	21.82	21.72	21.64		
5	16QAM	12	13	21.77	21.67	21.72		
5	16QAM	25	0	21.79	21.69	21.63		
5	64QAM	1	0	22.12	21.94	21.98	23	2
5	64QAM	1	12	21.95	21.87	21.80		
5	64QAM	1	24	21.90	21.79	21.72		
5	64QAM	12	0	20.83	20.79	20.82	22	3
5	64QAM	12	7	20.83	20.66	20.68		
5	64QAM	12	13	20.69	20.73	20.69		
5	64QAM	25	0	20.80	20.66	20.64		
5	256QAM	1	0	18.78	18.86	18.99	20	5
5	256QAM	1	12	18.67	18.89	18.72		
5	256QAM	1	24	18.87	18.78	18.77		
5	256QAM	12	0	18.80	18.70	18.72		
5	256QAM	12	7	18.86	18.74	18.85	20	5
5	256QAM	12	13	18.67	18.75	18.66		
5	256QAM	25	0	18.68	18.61	18.77		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.87	23.73	25	0
3	QPSK	1	8	23.77	23.79	23.74		
3	QPSK	1	14	23.82	23.77	23.64		
3	QPSK	8	0	22.87	22.85	22.78	24	1
3	QPSK	8	4	22.83	22.70	22.73		
3	QPSK	8	7	22.73	22.73	22.66		
3	QPSK	15	0	22.76	22.85	22.72		
3	16QAM	1	0	23.13	23.16	22.96	24	1
3	16QAM	1	8	23.07	22.88	22.89		
3	16QAM	1	14	22.94	22.92	22.79		
3	16QAM	8	0	21.81	21.88	21.70	23	2
3	16QAM	8	4	21.77	21.78	21.58		
3	16QAM	8	7	21.81	21.72	21.68		
3	16QAM	15	0	21.80	21.68	21.57		
3	64QAM	1	0	22.14	21.99	21.99	23	2
3	64QAM	1	8	21.88	21.81	21.79		
3	64QAM	1	14	21.89	21.83	21.73		
3	64QAM	8	0	20.91	20.86	20.84	22	3
3	64QAM	8	4	20.72	20.74	20.69		
3	64QAM	8	7	20.69	20.73	20.61		
3	64QAM	15	0	20.85	20.74	20.61		
3	256QAM	1	0	18.73	18.83	18.96	20	5
3	256QAM	1	8	18.73	18.84	18.69		
3	256QAM	1	14	18.81	18.76	18.77		
3	256QAM	8	0	18.77	18.80	18.74	20	5
3	256QAM	8	4	18.84	18.72	18.84		
3	256QAM	8	7	18.69	18.82	18.70		
3	256QAM	15	0	18.65	18.64	18.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	23.91	23.78	25	0
1.4	QPSK	1	3	23.72	23.83	23.70		
1.4	QPSK	1	5	23.85	23.68	23.69		
1.4	QPSK	3	0	23.80	23.95	23.76		
1.4	QPSK	3	1	23.75	23.79	23.64		
1.4	QPSK	3	3	23.81	23.78	23.58		
1.4	QPSK	6	0	22.72	22.80	22.78	24	1
1.4	16QAM	1	0	23.16	23.15	23.04	24	1
1.4	16QAM	1	3	23.12	22.91	22.88		
1.4	16QAM	1	5	22.90	22.93	22.74		
1.4	16QAM	3	0	22.91	22.90	22.79		
1.4	16QAM	3	1	22.84	22.79	22.66		
1.4	16QAM	3	3	22.69	22.72	22.75		
1.4	16QAM	6	0	21.79	21.70	21.67	23	2
1.4	64QAM	1	0	22.10	21.92	22.02	23	2
1.4	64QAM	1	3	21.97	21.90	21.84		
1.4	64QAM	1	5	21.82	21.89	21.68		
1.4	64QAM	3	0	21.79	21.85	21.62		
1.4	64QAM	3	1	21.73	21.70	21.63		
1.4	64QAM	3	3	21.71	21.65	21.64		
1.4	64QAM	6	0	20.89	20.73	20.68	22	3
1.4	256QAM	1	0	18.71	18.82	18.90	20	5
1.4	256QAM	1	3	18.70	18.80	18.71		
1.4	256QAM	1	5	18.90	18.81	18.77		
1.4	256QAM	3	0	18.74	18.72	18.65		
1.4	256QAM	3	1	18.84	18.75	18.85		
1.4	256QAM	3	3	18.77	18.78	18.64		
1.4	256QAM	6	0	18.75	18.65	18.69	20	5

Band 5_Ant 0_Other PA

BW [MHz]	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	23.79	23.80	23.70	25	0
10	QPSK	1	25	23.64	23.77	23.63		
10	QPSK	1	49	23.73	23.76	23.68		
10	QPSK	25	0	22.70	22.77	22.70	24	1
10	QPSK	25	12	22.65	22.62	22.63		
10	QPSK	25	25	22.72	22.66	22.64		
10	QPSK	50	0	22.68	22.77	22.57		
10	16QAM	1	0	22.77	22.88	22.85	24	1
10	16QAM	1	25	22.80	22.84	22.72		
10	16QAM	1	49	22.81	22.78	22.73		
10	16QAM	25	0	21.67	21.63	21.60	23	2
10	16QAM	25	12	21.61	21.65	21.63		
10	16QAM	25	25	21.67	21.65	21.58		
10	16QAM	50	0	21.65	21.62	21.65		
10	64QAM	1	0	21.77	21.76	21.80	23	2
10	64QAM	1	25	21.78	21.72	21.73		
10	64QAM	1	49	21.78	21.75	21.79		
10	64QAM	25	0	20.68	20.62	20.71	22	3
10	64QAM	25	12	20.66	20.68	20.55		
10	64QAM	25	25	20.68	20.61	20.63		
10	64QAM	50	0	20.67	20.66	20.64		
10	256QAM	1	0	18.99	19.00	18.97	20	5
10	256QAM	1	25	19.00	18.95	19.01		
10	256QAM	1	49	18.89	18.99	18.92		
10	256QAM	25	0	18.90	18.83	18.74	20	5
10	256QAM	25	12	18.92	18.81	18.86		
10	256QAM	25	25	18.83	18.88	18.80		
10	256QAM	50	0	18.82	18.82	18.86		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.55	23.59	23.64	25	0
5	QPSK	1	12	23.50	23.72	23.57		
5	QPSK	1	24	23.57	23.67	23.62		
5	QPSK	12	0	22.70	22.64	22.46	24	1
5	QPSK	12	7	22.57	22.54	22.52		
5	QPSK	12	13	22.56	22.61	22.48		
5	QPSK	25	0	22.52	22.70	22.43		
5	16QAM	1	0	22.72	22.83	22.75	24	1
5	16QAM	1	12	22.65	22.77	22.59		
5	16QAM	1	24	22.73	22.64	22.63		
5	16QAM	12	0	21.60	21.53	21.52	23	2
5	16QAM	12	7	21.55	21.57	21.53		
5	16QAM	12	13	21.54	21.58	21.53		
5	16QAM	25	0	21.54	21.46	21.54		
5	64QAM	1	0	21.64	21.60	21.72	23	2
5	64QAM	1	12	21.70	21.59	21.64		
5	64QAM	1	24	21.68	21.68	21.73		
5	64QAM	12	0	20.55	20.57	20.60	22	3
5	64QAM	12	7	20.60	20.54	20.50		
5	64QAM	12	13	20.56	20.54	20.48		
5	64QAM	25	0	20.55	20.54	20.49		
5	256QAM	1	0	18.84	18.92	18.81	20	5
5	256QAM	1	12	18.85	18.88	18.87		
5	256QAM	1	24	18.79	18.93	18.85		
5	256QAM	12	0	18.77	18.75	18.67	20	5
5	256QAM	12	7	18.84	18.68	18.71		
5	256QAM	12	13	18.73	18.80	18.66		
5	256QAM	25	0	18.69	18.69	18.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.61	23.64	23.62	25	0
3	QPSK	1	8	23.50	23.64	23.51		
3	QPSK	1	14	23.60	23.67	23.57		
3	QPSK	8	0	22.60	22.56	22.44	24	1
3	QPSK	8	4	22.56	22.53	22.54		
3	QPSK	8	7	22.57	22.60	22.58		
3	QPSK	15	0	22.55	22.63	22.41		
3	16QAM	1	0	22.65	22.83	22.76	24	1
3	16QAM	1	8	22.65	22.69	22.67		
3	16QAM	1	14	22.71	22.72	22.59		
3	16QAM	8	0	21.62	21.49	21.55	23	2
3	16QAM	8	4	21.52	21.54	21.53		
3	16QAM	8	7	21.59	21.49	21.50		
3	16QAM	15	0	21.50	21.52	21.50		
3	64QAM	1	0	21.64	21.60	21.66	23	2
3	64QAM	1	8	21.69	21.58	21.58		
3	64QAM	1	14	21.68	21.61	21.66		
3	64QAM	8	0	20.61	20.50	20.63	22	3
3	64QAM	8	4	20.61	20.60	20.49		
3	64QAM	8	7	20.60	20.51	20.56		
3	64QAM	15	0	20.56	20.53	20.56		
3	256QAM	1	0	18.88	18.91	18.82	20	5
3	256QAM	1	8	18.90	18.83	18.87		
3	256QAM	1	14	18.85	18.84	18.76		
3	256QAM	8	0	18.80	18.69	18.63	20	5
3	256QAM	8	4	18.81	18.69	18.74		
3	256QAM	8	7	18.75	18.81	18.74		
3	256QAM	15	0	18.69	18.75	18.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.60	23.61	25	0
1.4	QPSK	1	3	23.54	23.62	23.47		
1.4	QPSK	1	5	23.64	23.60	23.63		
1.4	QPSK	3	0	23.57	23.64	23.62		
1.4	QPSK	3	1	23.49	23.65	23.50		
1.4	QPSK	3	3	23.62	23.70	23.52		
1.4	QPSK	6	0	22.60	22.62	22.49	24	1
1.4	16QAM	1	0	22.61	22.83	22.79	24	1
1.4	16QAM	1	3	22.70	22.79	22.67		
1.4	16QAM	1	5	22.74	22.62	22.58		
1.4	16QAM	3	0	22.68	22.62	22.54		
1.4	16QAM	3	1	22.57	22.57	22.56		
1.4	16QAM	3	3	22.56	22.57	22.49		
1.4	16QAM	6	0	21.58	21.49	21.60	23	2
1.4	64QAM	1	0	21.72	21.70	21.70	23	2
1.4	64QAM	1	3	21.69	21.57	21.66		
1.4	64QAM	1	5	21.66	21.67	21.71		
1.4	64QAM	3	0	21.58	21.47	21.55		
1.4	64QAM	3	1	21.47	21.52	21.49		
1.4	64QAM	3	3	21.52	21.57	21.48		
1.4	64QAM	6	0	20.59	20.60	20.52	22	3
1.4	256QAM	1	0	18.88	18.86	18.88	20	5
1.4	256QAM	1	3	18.90	18.90	18.89		
1.4	256QAM	1	5	18.82	18.83	18.87		
1.4	256QAM	3	0	18.77	18.76	18.69		
1.4	256QAM	3	1	18.83	18.66	18.81		
1.4	256QAM	3	3	18.71	18.80	18.67		
1.4	256QAM	6	0	18.77	18.68	18.77	20	5

Band 5_Ant 1_Other PA

BW [MHz]	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	23.16	23.29	23.19	25	0
10	QPSK	1	25	23.13	23.21	23.12		
10	QPSK	1	49	23.15	23.17	23.08		
10	QPSK	25	0	22.18	22.20	22.07	24	1
10	QPSK	25	12	22.04	22.14	22.01		
10	QPSK	25	25	22.13	22.05	22.03		
10	QPSK	50	0	22.13	22.17	22.03		
10	16QAM	1	0	22.26	22.31	22.28	24	1
10	16QAM	1	25	22.28	22.26	22.27		
10	16QAM	1	49	22.29	22.26	22.20		
10	16QAM	25	0	21.16	21.13	21.09	23	2
10	16QAM	25	12	21.04	21.06	21.08		
10	16QAM	25	25	21.05	21.03	21.08		
10	16QAM	50	0	21.12	21.04	21.05		
10	64QAM	1	0	21.25	21.24	21.35	23	2
10	64QAM	1	25	21.22	21.23	21.19		
10	64QAM	1	49	21.23	21.27	21.09		
10	64QAM	25	0	20.17	20.12	20.04	22	3
10	64QAM	25	12	20.08	20.09	20.08		
10	64QAM	25	25	20.16	20.13	20.09		
10	64QAM	50	0	20.21	20.05	20.07		
10	256QAM	1	0	18.42	18.34	18.28	20	5
10	256QAM	1	25	18.31	18.27	18.29		
10	256QAM	1	49	18.32	18.27	18.28		
10	256QAM	25	0	18.19	18.17	18.25	20	5
10	256QAM	25	12	18.11	18.17	18.13		
10	256QAM	25	25	18.21	18.19	18.17		
10	256QAM	50	0	18.08	18.15	18.20		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.18	23.24	23.20	25	0
5	QPSK	1	12	23.18	23.25	23.17		
5	QPSK	1	24	23.18	23.17	23.08		
5	QPSK	12	0	22.13	22.24	22.10	24	1
5	QPSK	12	7	22.01	22.12	22.05		
5	QPSK	12	13	22.10	22.05	22.07		
5	QPSK	25	0	22.08	22.12	22.03		
5	16QAM	1	0	22.28	22.32	22.33	24	1
5	16QAM	1	12	22.25	22.25	22.25		
5	16QAM	1	24	22.25	22.27	22.15		
5	16QAM	12	0	21.10	21.10	21.11	23	2
5	16QAM	12	7	21.04	21.11	21.07		
5	16QAM	12	13	21.02	21.08	21.05		
5	16QAM	25	0	21.14	21.12	21.07		
5	64QAM	1	0	21.21	21.18	21.38	23	2
5	64QAM	1	12	21.26	21.19	21.24		
5	64QAM	1	24	21.20	21.22	21.11		
5	64QAM	12	0	20.15	20.06	20.02	22	3
5	64QAM	12	7	20.03	20.10	20.03		
5	64QAM	12	13	20.20	20.11	20.13		
5	64QAM	25	0	20.26	20.01	20.07		
5	256QAM	1	0	18.47	18.34	18.30	20	5
5	256QAM	1	12	18.34	18.24	18.31		
5	256QAM	1	24	18.30	18.32	18.24		
5	256QAM	12	0	18.19	18.20	18.28	20	5
5	256QAM	12	7	18.13	18.17	18.16		
5	256QAM	12	13	18.24	18.19	18.15		
5	256QAM	25	0	18.05	18.12	18.14		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.19	23.27	23.19	25	0
3	QPSK	1	8	23.08	23.16	23.16		
3	QPSK	1	14	23.11	23.22	23.13		
3	QPSK	8	0	22.22	22.14	22.08	24	1
3	QPSK	8	4	22.03	22.11	22.04		
3	QPSK	8	7	22.11	22.09	22.00		
3	QPSK	15	0	22.15	22.20	22.03		
3	16QAM	1	0	22.28	22.32	22.22	24	1
3	16QAM	1	8	22.27	22.29	22.27		
3	16QAM	1	14	22.24	22.24	22.20		
3	16QAM	8	0	21.15	21.17	21.05	23	2
3	16QAM	8	4	21.06	21.08	21.13		
3	16QAM	8	7	21.16	21.04	21.11		
3	16QAM	15	0	21.11	21.02	21.06		
3	64QAM

Band 7_Ant 2_Other PA

BW [MHz]	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	22.63	22.68	22.58	24.5	0
20	QPSK	1	49	22.55	22.54	22.57		
20	QPSK	1	99	22.61	22.58	22.56		
20	QPSK	50	0	21.63	21.65	21.58		
20	QPSK	50	24	21.60	21.53	21.53	23.5	1
20	QPSK	50	50	21.61	21.57	21.57		
20	QPSK	100	0	21.61	21.62	21.57		
20	16QAM	1	0	21.78	21.73	21.58		
20	16QAM	1	49	21.77	21.76	21.60	23.5	1
20	16QAM	1	99	21.82	21.72	21.56		
20	16QAM	50	0	20.57	20.55	20.57		
20	16QAM	50	24	20.61	20.52	20.51	22.5	2
20	16QAM	50	50	20.63	20.55	20.55		
20	16QAM	100	0	20.60	20.54	20.55		
20	64QAM	1	0	20.75	20.68	20.55		
20	64QAM	1	49	20.66	20.67	20.60	22.5	2
20	64QAM	1	99	20.77	20.72	20.56		
20	64QAM	50	0	19.59	19.57	19.59		
20	64QAM	50	24	19.60	19.53	19.54	21.5	3
20	64QAM	50	50	19.64	19.56	19.57		
20	64QAM	100	0	19.62	19.56	19.56		
20	256QAM	1	0	17.64	17.58	17.64		
20	256QAM	1	49	17.53	17.55	17.56	19.5	5
20	256QAM	1	99	17.57	17.54	17.60		
20	256QAM	50	0	17.51	17.51	17.57		
20	256QAM	50	24	17.54	17.50	17.52	19.5	5
20	256QAM	50	50	17.52	17.51	17.58		
20	256QAM	100	0	17.52	17.52	17.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.67	22.53		
15	QPSK	1	37	22.55	22.56	22.54	24.5	0
15	QPSK	1	74	22.61	22.55	22.55		
15	QPSK	36	0	21.59	21.62	21.54		
15	QPSK	36	20	21.63	21.51	21.52	23.5	1
15	QPSK	36	39	21.64	21.53	21.57		
15	QPSK	75	0	21.62	21.63	21.59		
15	16QAM	1	0	21.77	21.74	21.59		
15	16QAM	1	37	21.82	21.73	21.64	23.5	1
15	16QAM	1	74	21.82	21.68	21.60		
15	16QAM	36	0	20.58	20.59	20.58		
15	16QAM	36	20	20.57	20.56	20.54	22.5	2
15	16QAM	36	39	20.62	20.59	20.51		
15	16QAM	75	0	20.61	20.54	20.54		
15	64QAM	1	0	20.71	20.69	20.59		
15	64QAM	1	37	20.67	20.67	20.62	22.5	2
15	64QAM	1	74	20.76	20.73	20.52		
15	64QAM	36	0	19.59	19.59	19.58		
15	64QAM	36	20	19.59	19.53	19.52	21.5	3
15	64QAM	36	39	19.60	19.53	19.60		
15	64QAM	75	0	19.64	19.53	19.56		
15	256QAM	1	0	17.60	17.53	17.60		
15	256QAM	1	37	17.54	17.51	17.61	19.5	5
15	256QAM	1	74	17.58	17.50	17.54		
15	256QAM	36	0	17.52	17.56	17.56		
15	256QAM	36	20	17.51	17.53	17.50	19.5	5
15	256QAM	36	39	17.55	17.55	17.52		
15	256QAM	75	0	17.54	17.59	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.67	22.66	22.54		
10	QPSK	1	25	22.56	22.56	22.55	24.5	0
10	QPSK	1	49	22.60	22.53	22.51		
10	QPSK	25	0	21.59	21.59	21.58		
10	QPSK	25	12	21.61	21.57	21.58	23.5	1
10	QPSK	25	25	21.55	21.53	21.51		
10	QPSK	50	0	21.65	21.63	21.53		
10	16QAM	1	0	21.78	21.77	21.59		
10	16QAM	1	25	21.74	21.79	21.61	23.5	1
10	16QAM	1	49	21.78	21.70	21.60		
10	16QAM	25	0	20.59	20.57	20.51		
10	16QAM	25	12	20.62	20.59	20.55	22.5	2
10	16QAM	25	25	20.63	20.58	20.56		
10	16QAM	50	0	20.59	20.59	20.54		
10	64QAM	1	0	20.79	20.68	20.51		
10	64QAM	1	25	20.71	20.70	20.65	22.5	2
10	64QAM	1	49	20.74	20.68	20.50		
10	64QAM	25	0	19.60	19.56	19.53		
10	64QAM	25	12	19.54	19.54	19.56	21.5	3
10	64QAM	25	25	19.65	19.60	19.52		
10	64QAM	50	0	19.65	19.54	19.53		
10	256QAM	1	0	17.60	17.62	17.65		
10	256QAM	1	25	17.56	17.58	17.58	19.5	5
10	256QAM	1	49	17.58	17.53	17.61		
10	256QAM	25	0	17.55	17.55	17.57		
10	256QAM	25	12	17.56	17.53	17.53	19.5	5
10	256QAM	25	25	17.55	17.55	17.56		
10	256QAM	50	0	17.58	17.59	17.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.67	22.58	22.57		
5	QPSK	1	12	22.55	22.58	22.51	24.5	0
5	QPSK	1	24	22.61	22.54	22.50		
5	QPSK	12	0	21.66	21.61	21.52		
5	QPSK	12	7	21.56	21.54	21.52	23.5	1
5	QPSK	12	13	21.63	21.57	21.57		
5	QPSK	25	0	21.59	21.60	21.68		
5	16QAM	1	0	21.79	21.74	21.72		
5	16QAM	1	12	21.78	21.76	21.60	23.5	1
5	16QAM	1	24	21.83	21.76	21.50		
5	16QAM	12	0	20.52	20.51	20.50		
5	16QAM	12	7	20.62	20.57	20.51	22.5	2
5	16QAM	12	13	20.57	20.66	20.56		
5	16QAM	25	0	20.57	20.62	20.58		
5	64QAM	1	0	20.76	20.71	20.60		
5	64QAM	1	12	20.67	20.62	20.65	22.5	2
5	64QAM	1	24	20.72	20.70	20.52		
5	64QAM	12	0	19.62	19.53	19.56		
5	64QAM	12	7	19.65	19.57	19.50	21.5	3
5	64QAM	12	13	19.60	19.61	19.57		
5	64QAM	25	0	19.65	19.52	19.57		
5	256QAM	1	0	17.63	17.55	17.62		
5	256QAM	1	12	17.58	17.51	17.50	19.5	5
5	256QAM	1	24	17.52	17.54	17.56		
5	256QAM	12	0	17.50	17.56	17.60		
5	256QAM	12	7	17.56	17.55	17.59	19.5	5
5	256QAM	12	13	17.51	17.56	17.53		
5	256QAM	25	0	17.55	17.58	17.53		

Band 7_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.64	20.66	20.59	22	0
20	QPSK	1	49	20.39	20.50	20.50		
20	QPSK	1	99	20.48	20.51	20.57		
20	QPSK	50	0	20.41	20.52	20.33		
20	QPSK	50	24	20.26	20.26	20.30	22	0
20	QPSK	50	50	20.24	20.42	20.30		
20	QPSK	100	0	20.33	20.43	20.31		
20	16QAM	1	0	20.28	20.30	20.26		
20	16QAM	1	49	20.34	20.36	20.39	22	0
20	16QAM	1	99	20.42	20.49	20.33		
20	16QAM	50	0	20.30	20.25	20.36		
20	16QAM	50	24	20.14	20.26	20.23	22	0
20	16QAM	50	50	20.27	20.36	20.43		
20	16QAM	100	0	20.28	20.31	20.34		
20	64QAM	1	0	20.26	20.26	20.20		
20	64QAM	1	49	20.19	20.32	20.27	22	0
20	64QAM	1	99	20.41	20.37	20.39		
20	64QAM	50	0	20.11	20.32	20.34		
20	64QAM	50	24	20.34	20.23	20.31	22	0
20	64QAM	50	50	20.33	20.33	20.42		
20	64QAM	100	0	20.35	20.23	20.34		
20	256QAM	1	0	18.50	18.55	18.45		
20	256QAM	1	49	18.32	18.29	18.28	20	2
20	256QAM	1	99	18.38	18.31	18.22		
20	256QAM	50	0	18.36	18.38	18.21		
20	256QAM	50	24	18.13	18.24	18.36	20	2
20	256QAM	50	50	18.22	18.13	18.26		
20	256QAM	100	0	18.13	18.20	18.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.57	20.50	20.34		
15	QPSK	1	37	20.25	20.41	20.40	22	0
15	QPSK	1	74	20.35	20.39	20.46		
15	QPSK	36	0	20.28	20.38	20.25		
15	QPSK	36	20	20.14	20.10	20.18	22	0
15	QPSK	36	39	20.10	20.34	20.24		
15	QPSK	75	0	20.20	20.25	20.24		
15	16QAM	1	0	20.21	20.22	20.21		
15	16QAM	1	37	20.22	20.28	20.26	22	0
15	16QAM	1	74	20.37	20.35	20.17		
15	16QAM	36	0	20.24	20.17	20.24		
15	16QAM	36	20	20.03	20.14	20.13	22	0
15	16QAM	36	39	20.11	20.20	20.28		
15	16QAM	75	0	20.13	20.21	20.25		
15	64QAM	1	0	20.13	20.12	20.08		
15	64QAM	1	37	20.08	20.20	20.22	22	0
15	64QAM	1	74	20.36	20.25	20.25		
15	64QAM	36	0	20.13	20.24	20.24		
15	64QAM	36	20	20.18	20.15	20.24	22	0
15	64QAM	36	39	20.24	20.22	20.28		
15	64QAM	75	0	20.27	20.18	20.15		
15	256QAM	1	0	18.36	18.45	18.30		
15	256QAM	1	37	18.22	18.15	18.13	20	2
15	256QAM	1	74	18.33	18.26	18.08		
15	256QAM	36	0	18.29	18.33	18.05		
15	256QAM	36	20	18.15	18.12	18.20	20	2
15	256QAM	36	39	18.16	18.05	18.14		
15	256QAM	75	0	18.00	18.17	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.56	20.60	20.34		
10	QPSK	1	25	20.33	20.36	20.34	22	0
10	QPSK	1	49	20.36	20.43	20.44		
10	QPSK	25	0	20.25	20.34	20.25		
10	QPSK	25	12	20.21	20.15	20.18	22	0
10	QPSK	25	25	20.18	20.32	20.21		
10	QPSK	50	0	20.24	20.23	20.20		
10	16QAM	1	0	20.18	20.17	20.19		
10	16QAM	1	25	20.27	20.29	20.33	22	0
10	16QAM	1	49	20.30	20.35	20.21		
10	16QAM	25	0	20.19	20.17	20.22		
10	16QAM	25	12	20.13	20.21	20.17	22	0
10	16QAM	25	25	20.17	20.23	20.31		
10	16QAM	50	0	20.13	20.19	20.26		
10	64QAM	1	0	20.18	20.17	20.04		
10	64QAM	1	25	20.13	20.17	20.13	22	0
10	64QAM	1	49	20.33	20.31	20.28		
10	64QAM	25	0	20.11	20.17	20.23		
10	64QAM	25	12	20.24	20.13	20.23	22	0
10	64QAM	25	25	20.18	20.18	20.36		
10	64QAM	50	0	20.19	20.10	20.14		
10	256QAM	1	0	18.34	18.49	18.40		
10	256QAM	1	25	18.18	18.14	18.21	20	2
10	256QAM	1	49	18.18	18.18	18.13		
10	256QAM	25	0	18.22	18.23	18.08		
10	256QAM	25	12	18.04	18.10	18.25	20	2
10	256QAM	25	25	18.11	18.04	18.19		
10	256QAM	50	0	18.01	18.19	18.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.49	20.61	20.43		
5	QPSK	1	12	20.30	20.44	20.36	22	0
5	QPSK	1	24	20.33	20.38	20.42		
5	QPSK	12	0	20.25	20.40	20.18		
5	QPSK	12	7	20.19	20.09	20.25	22	0
5	QPSK	12	13	20.08	20.33	20.23		
5	QPSK	25	0	20.20	20.18	20.16		
5	16QAM	1	0	20.16	20.22	20.21		
5	16QAM	1	12	20.19	20.23	20.25	22	0
5	16QAM	1	24	20.26	20.38	20.25		
5	16QAM	12	0	20.22	20.38	20.26		
5	16QAM	12	7	20.05	20.20	20.11	22	0
5	16QAM	12	13	20.13	20.31	20.32		
5	16QAM	25	0	20.12	20.16	20.19		
5	64QAM	1	0	20.10	20.10	20.02		
5	64QAM	1	12	20.03	20.27	20.12	22	0
5	64QAM	1	24	20.28	20.27	20.27		
5	64QAM	12	0	20.11	20.19	20.27		
5	64QAM	12	7	20.22	20.07	20.20	22	0
5	64QAM	12	13	20.17	20.27	20.34		
5	64QAM	25	0	20.26	20.17	20.18		
5	256QAM	1	0	18.41	18.41	18.29		
5	256QAM	1	12	18.19	18.19	18.12	20	2
5	256QAM	1	24	18.24	18.26	18.09		
5	256QAM	12	0	18.24	18.24	18.08		
5	256QAM	12	7	18.06	18.13	18.21	20	2
5	256QAM	12	13	18.11	18.02	18.13		
5	256QAM	25	0	18.13	18.23	18.12		

Band 7_Ant 3_Other PA

BW [MHz]	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	24.19	24.20	23.93	24.5	0
20	QPSK	1	49	24.16	23.99	23.87		
20	QPSK	1	99	24.07	24.08	23.83		
20	QPSK	50	0	23.17	23.18	22.90		
20	QPSK	50	24	23.11	23.03	22.83	23.5	1
20	QPSK	50	50	23.16	23.10	22.88		
20	QPSK	100	0	23.04	23.19	22.85		
20	16QAM	1	0	23.31	23.17	23.01		
20	16QAM	1	49	23.19	23.26	22.96	23.5	1
20	16QAM	1	99	23.27	23.13	23.01		
20	16QAM	50	0	22.11	22.07	21.92		
20	16QAM	50	24	22.08	22.06	21.76	22.5	2
20	16QAM	50	50	22.11	22.03	21.81		
20	16QAM	100	0	22.15	22.04	21.87		
20	64QAM	1	0	22.17	22.16	21.99		
20	64QAM	1	49	22.19	22.06	21.98	22.5	2
20	64QAM	1	99	22.31	22.24	21.98		
20	64QAM	50	0	21.10	21.06	20.91		
20	64QAM	50	24	21.12	21.00	20.78	21.5	3
20	64QAM	50	50	21.18	21.09	20.91		
20	64QAM	100	0	21.13	21.14	20.91		
20	256QAM	1	0	18.84	18.93	19.08		
20	256QAM	1	49	18.89	18.93	18.93	19.5	5
20	256QAM	1	99	18.92	18.86	18.97		
20	256QAM	50	0	18.85	18.82	18.82		
20	256QAM	50	24	18.76	18.82	18.69	19.5	5
20	256QAM	50	50	18.76	18.81	18.83		
20	256QAM	100	0	18.71	18.86	18.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.06	24.10	23.83		
15	QPSK	1	37	24.03	23.88	23.80	24.5	0
15	QPSK	1	74	23.91	24.03	23.82		
15	QPSK	36	0	23.06	22.97	22.78		
15	QPSK	36	20	22.99	22.96	22.77	23.5	1
15	QPSK	36	39	23.00	22.96	22.84		
15	QPSK	75	0	22.96	23.05	22.76		
15	16QAM	1	0	23.18	23.06	22.86		
15	16QAM	1	37	23.09	23.21	22.90	23.5	1
15	16QAM	1	74	23.21	22.97	22.86		
15	16QAM	36	0	21.98	21.99	21.81		
15	16QAM	36	20	21.96	21.97	21.65	22.5	2
15	16QAM	36	39	22.04	21.97	21.71		
15	16QAM	75	0	22.07	21.95	21.75		
15	64QAM	1	0	22.11	22.07	21.94		
15	64QAM	1	37	22.12	22.00	21.90	22.5	2
15	64QAM	1	74	22.23	22.16	21.84		
15	64QAM	36	0	20.96	20.92	20.78		
15	64QAM	36	20	21.04	20.91	20.72	21.5	3
15	64QAM	36	39	21.10	20.93	20.80		
15	64QAM	75	0	21.08	21.03	20.79		
15	256QAM	1	0	18.71	18.86	18.93		
15	256QAM	1	37	18.74	18.82	18.85	19.5	5
15	256QAM	1	74	18.83	18.80	18.82		
15	256QAM	36	0	18.77	18.76	18.67		
15	256QAM	36	20	18.63	18.73	18.63	19.5	5
15	256QAM	36	39	18.71	18.67	18.77		
15	256QAM	75	0	18.61	18.71	18.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.10	24.09	23.86		
10	QPSK	1	25	24.09	23.90	23.71	24.5	0
10	QPSK	1	49	23.94	23.95	23.83		
10	QPSK	25	0	23.01	23.04	22.84		
10	QPSK	25	12	22.98	22.97	22.74	23.5	1
10	QPSK	25	25	23.01	22.99	22.80		
10	QPSK	50	0	22.90	23.08	22.79		
10	16QAM	1	0	23.19	23.02	22.94		
10	16QAM	1	25	23.04	23.16	22.80	23.5	1
10	16QAM	1	49	23.15	23.00	22.93		
10	16QAM	25	0	22.03	21.98	21.87		
10	16QAM	25	12	21.93	21.93	21.67	22.5	2
10	16QAM	25	25	21.97	21.88	21.75		
10	16QAM	50	0	22.07	21.88	21.80		
10	64QAM	1	0	22.04	22.01	21.93		
10	64QAM	1	25	22.14	21.91	21.92	22.5	2
10	64QAM	1	49	22.16	22.09	21.83		
10	64QAM	25	0	21.04	20.99	20.85		
10	64QAM	25	12	21.06	20.88	20.69	21.5	3
10	64QAM	25	25	21.08	21.04	20.80		
10	64QAM	50	0	20.99	21.08	20.77		
10	256QAM	1	0	18.69	18.81	18.99		
10	256QAM	1	25	18.77	18.87	18.79	19.5	5
10	256QAM	1	49	18.78	18.81	18.83		
10	256QAM	25	0	18.75	18.77	18.70		
10	256QAM	25	12	18.66	18.67	18.55	19.5	5
10	256QAM	25	25	18.63	18.66	18.71		
10	256QAM	50	0	18.57	18.77	18.68		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.11	24.05	23.88		
5	QPSK	1	12	24.00	23.89	23.81	24.5	0
5	QPSK	1	24	24.02	24.02	23.84		
5	QPSK	12	0	23.03	23.07	22.74		
5	QPSK	12	7	23.00	22.97	22.72	23.5	1
5	QPSK	12	13	23.05	22.95	22.85		
5	QPSK	25	0	22.92	23.12	22.71		
5	16QAM	1	0	23.26	23.09	22.89		
5	16QAM	1	12	23.05	23.11	22.80	23.5	1
5	16QAM	1	24	23.19	22.99	22.96		
5	16QAM	12	0	22.00	21.91	21.86		
5	16QAM	12	7	21.93	21.93	21.64	22.5	2
5	16QAM	12	13	21.95	21.92	21.67		
5	16QAM	25	0	22.00	21.91	21.79		
5	64QAM	1	0	22.12	22.06	21.86		
5	64QAM	1	12	22.09	22.00	21.86	22.5	2
5	64QAM	1	24	22.26	22.12	21.90		
5	64QAM	12	0	21.03	20.95	20.85		
5	64QAM	12	7	21.04	20.89	20.64	21.5	3
5	64QAM	12	13	21.06	20.96	20.75		
5	64QAM	25	0	20.99	21.01	20.78		
5	256QAM	1	0	18.75	18.84	19.01		
5	256QAM	1	12	18.75	18.84	18.84	19.5	5
5	256QAM	1	24	18.87	18.76	18.86		
5	256QAM	12	0	18.76	18.69	18.70		
5	256QAM	12	7	18.65	18.77	18.61	19.5	5
5	256QAM	12	13	18.62	18.71	18.75		
5	256QAM	25	0	18.59	18.73	18.68		

Band 26_Ant 0_Other PA

BW [MHz]	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	23.91	23.98	23.73		
15	QPSK	1	37	23.68	23.80	23.53	25	0
15	QPSK	1	74	23.88	23.78	23.62		
15	QPSK	36	0	22.90	22.94	22.65		
15	QPSK	36	20	22.76	22.79	22.57	24	1
15	QPSK	36	39	22.81	22.77	22.57		
15	QPSK	75	0	22.78	22.82	22.67		
15	16QAM	1	0	22.87	22.96	22.92		
15	16QAM	1	37	22.80	22.94	22.69	24	1
15	16QAM	1	74	22.95	22.97	22.86		
15	16QAM	36	0	21.73	21.81	21.65		
15	16QAM	36	20	21

Band 26_Ant 1_Other PA

BW [MHz]	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	23.44	23.46	23.31	25	0
15	QPSK	1	37	23.27	23.38	23.14		
15	QPSK	1	74	23.41	23.35	23.22		
15	QPSK	36	0	22.37	22.41	22.20	24	1
15	QPSK	36	20	22.32	22.29	22.15		
15	QPSK	36	39	22.35	22.32	22.18		
15	QPSK	75	0	22.30	22.32	22.22		
15	16QAM	1	0	22.48	22.53	22.49	24	1
15	16QAM	1	37	22.45	22.50	22.34		
15	16QAM	1	74	22.57	22.51	22.44		
15	16QAM	36	0	21.24	21.35	21.21	23	2
15	16QAM	36	20	21.31	21.29	21.14		
15	16QAM	36	39	21.34	21.31	21.17		
15	16QAM	75	0	21.29	21.32	21.20		
15	64QAM	1	0	21.46	21.48	21.40	23	2
15	64QAM	1	37	21.36	21.50	21.22		
15	64QAM	1	74	21.57	21.46	21.35		
15	64QAM	36	0	20.26	20.34	20.18	22	3
15	64QAM	36	20	20.31	20.27	20.13		
15	64QAM	36	39	20.34	20.32	20.15		
15	64QAM	75	0	20.31	20.31	20.20		
15	256QAM	1	0	18.68	18.65	18.72	20	5
15	256QAM	1	37	18.62	18.61	18.55		
15	256QAM	1	74	18.56	18.49	18.43		
15	256QAM	36	0	18.48	18.45	18.43		
15	256QAM	36	20	18.30	18.34	18.40		
15	256QAM	36	39	18.32	18.38	18.31		
15	256QAM	75	0	18.36	18.44	18.45		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.28	23.34	23.24	25	0
10	QPSK	1	25	23.19	23.30	23.07		
10	QPSK	1	49	23.30	23.23	23.15		
10	QPSK	25	0	22.28	22.31	22.14	24	1
10	QPSK	25	12	22.26	22.24	22.03		
10	QPSK	25	25	22.29	22.25	22.11		
10	QPSK	50	0	22.14	22.26	22.10		
10	16QAM	1	0	22.34	22.37	22.40	24	1
10	16QAM	1	25	22.30	22.36	22.19		
10	16QAM	1	49	22.42	22.46	22.33		
10	16QAM	25	0	21.13	21.19	21.12	23	2
10	16QAM	25	12	21.18	21.15	21.06		
10	16QAM	25	25	21.21	21.23	21.03		
10	16QAM	50	0	21.22	21.21	21.06		
10	64QAM	1	0	21.31	21.39	21.27	23	2
10	64QAM	1	25	21.30	21.41	21.06		
10	64QAM	1	49	21.49	21.36	21.30		
10	64QAM	25	0	20.21	20.20	20.03	22	3
10	64QAM	25	12	20.15	20.20	20.08		
10	64QAM	25	25	20.19	20.20	20.08		
10	64QAM	50	0	20.20	20.20	20.11		
10	256QAM	1	0	18.52	18.56	18.60	20	5
10	256QAM	1	25	18.53	18.53	18.39		
10	256QAM	1	49	18.40	18.42	18.35		
10	256QAM	25	0	18.41	18.35	18.32		
10	256QAM	25	12	18.15	18.20	18.27	20	5
10	256QAM	25	25	18.18	18.22	18.19		
10	256QAM	50	0	18.25	18.33	18.40		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.32	23.40	23.20	25	0
5	QPSK	1	12	23.12	23.23	23.08		
5	QPSK	1	24	23.29	23.20	23.07		
5	QPSK	12	0	22.31	22.35	22.08	24	1
5	QPSK	12	7	22.21	22.15	22.02		
5	QPSK	12	13	22.27	22.18	22.10		
5	QPSK	25	0	22.24	22.24	22.12		
5	16QAM	1	0	22.43	22.49	22.36	24	1
5	16QAM	1	12	22.33	22.41	22.20		
5	16QAM	1	24	22.51	22.35	22.34		
5	16QAM	12	0	21.09	21.23	21.16	23	2
5	16QAM	12	7	21.19	21.24	21.09		
5	16QAM	12	13	21.18	21.21	21.03		
5	16QAM	25	0	21.17	21.18	21.12		
5	64QAM	1	0	21.30	21.42	21.24	23	2
5	64QAM	1	12	21.22	21.38	21.11		
5	64QAM	1	24	21.50	21.38	21.25		
5	64QAM	12	0	20.21	20.22	20.08	22	3
5	64QAM	12	7	20.20	20.13	20.01		
5	64QAM	12	13	20.23	20.25	20.00		
5	64QAM	25	0	20.23	20.19	20.06		
5	256QAM	1	0	18.60	18.50	18.59	20	5
5	256QAM	1	12	18.57	18.56	18.42		
5	256QAM	1	24	18.48	18.44	18.38		
5	256QAM	12	0	18.39	18.37	18.27	20	5
5	256QAM	12	7	18.21	18.20	18.28		
5	256QAM	12	13	18.21	18.28	18.16		
5	256QAM	25	0	18.25	18.35	18.29		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.32	23.40	23.24	25	0
3	QPSK	1	8	23.20	23.23	23.07		
3	QPSK	1	14	23.29	23.20	23.17		
3	QPSK	8	0	22.27	22.34	22.07	24	1
3	QPSK	8	4	22.16	22.23	22.03		
3	QPSK	8	7	22.26	22.17	22.11		
3	QPSK	15	0	22.17	22.21	22.12		
3	16QAM	1	0	22.34	22.44	22.34	24	1
3	16QAM	1	8	22.37	22.37	22.23		
3	16QAM	1	14	22.44	22.37	22.35		
3	16QAM	8	0	21.18	21.29	21.14	23	2
3	16QAM	8	4	21.20	21.14	21.08		
3	16QAM	8	7	21.23	21.22	21.11		
3	16QAM	15	0	21.16	21.19	21.04		
3	64QAM	1	0	21.38	21.37	21.33	23	2
3	64QAM	1	8	21.26	21.38	21.17		
3	64QAM	1	14	21.52	21.38	21.26		
3	64QAM	8	0	20.21	20.26	20.05	22	3
3	64QAM	8	4	20.17	20.19	20.00		
3	64QAM	8	7	20.26	20.29	20.09		
3	64QAM	15	0	20.22	20.26	20.11		
3	256QAM	1	0	18.53	18.51	18.57	20	5
3	256QAM	1	8	18.55	18.46	18.42		
3	256QAM	1	14	18.45	18.42	18.38		
3	256QAM	8	0	18.35	18.34	18.31	20	5
3	256QAM	8	4	18.24	18.20	18.34		
3	256QAM	8	7	18.17	18.27	18.24		
3	256QAM	15	0	18.23	18.32	18.31		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.37	23.35	23.26	25	0
1.4	QPSK	1	3	23.12	23.32	23.01		
1.4	QPSK	1	5	23.35	23.30	23.06		
1.4	QPSK	3	0	23.34	23.31	23.20		
1.4	QPSK	3	1	23.14	23.31	23.08		
1.4	QPSK	3	3	23.33	23.28	23.13		
1.4	QPSK	6	0	22.29	22.35	22.12	24	1
1.4	16QAM	1	0	22.33	22.37	22.41	24	1
1.4	16QAM	1	3	22.34	22.40	22.18		
1.4	16QAM	1	5	22.49	22.38	22.39		
1.4	16QAM	3	0	22.31	22.31	22.15		
1.4	16QAM	3	1	22.16	22.18	22.05		
1.4	16QAM	3	3	22.24	22.20	22.10		
1.4	16QAM	6	0	21.17	21.27	21.05	23	2
1.4	64QAM	1	0	21.39	21.45	21.30	23	2
1.4	64QAM	1	3	21.27	21.45	21.15		
1.4	64QAM	1	5	21.48	21.41	21.21		
1.4	64QAM	3	0	21.18	21.30	21.13		
1.4	64QAM	3	1	21.19	21.19	21.09		
1.4	64QAM	3	3	21.27	21.25	21.01		
1.4	64QAM	6	0	20.17	20.22	20.08	22	3
1.4	256QAM	1	0	18.62	18.53	18.56	20	5
1.4	256QAM	1	3	18.51	18.47	18.44		
1.4	256QAM	1	5	18.42	18.36	18.36		
1.4	256QAM	3	0	18.36	18.37	18.28		
1.4	256QAM	3	1	18.20	18.18	18.31		
1.4	256QAM	3	3	18.24	18.23	18.23		
1.4	256QAM	6	0	18.26	18.38	18.33	20	5

Band 66_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.20	23.21	23.07	24	0
20	QPSK	1	49	23.13	23.16	22.97		
20	QPSK	1	99	23.04	23.08	22.94		
20	QPSK	50	0	21.16	22.19	21.05	23	1
20	QPSK	50	24	22.13	22.08	21.99		
20	QPSK	50	50	22.14	22.06	21.97		
20	QPSK	100	0	22.12	22.16	22.00		
20	16QAM	1	0	22.42	22.43	22.16	23	1
20	16QAM	1	49	22.38	22.26	22.20		
20	16QAM	1	99	22.31	22.05	22.17		
20	16QAM	50	0	21.19	21.07	21.06	22	2
20	16QAM	50	24	21.15	21.05	20.97		
20	16QAM	50	50	21.14	21.05	20.94		
20	16QAM	100	0	21.17	21.05	20.98		
20	64QAM	1	0	21.30	21.30	21.12	22	2
20	64QAM	1	49	21.30	21.20	21.16		
20	64QAM	1	99	21.29	21.07	21.10		
20	64QAM	50	0	20.20	20.07	20.08	21	3
20	64QAM	50	24	20.15	20.07	19.99		
20	64QAM	50	50	20.17	20.06	19.94		
20	64QAM	100	0	20.18	20.06	19.99		
20	256QAM	1	0	18.23	18.20	18.12	19	5
20	256QAM	1	49	18.19	18.20	18.13		
20	256QAM	1	99	17.99	18.06	18.02		
20	256QAM	50	0	17.99	17.98	17.90	19	5
20	256QAM	50	24	17.93	18.00	18.00		
20	256QAM	50	50	18.07	18.08	18.14		
20	256QAM	100	0	18.11	18.12	18.07		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.12	23.05	22.98	24	0
15	QPSK	1	37	22.97	23.06	22.88		
15	QPSK	1	74	22.95	22.92	22.80		
15	QPSK	36	0	22.08	22.12	22.03	23	1
15	QPSK	36	20	21.98	21.93	21.91		
15	QPSK	36	39	22.03	21.99	21.83		
15	QPSK	75	0	21.96	22.01	21.90		
15	16QAM	1	0	22.32	22.32	22.18	23	1
15	16QAM	1	37	22.32	22.16	22.08		
15	16QAM	1	74	22.20	21.89	22.09		
15	16QAM	36	0	21.14	20.98	20.95	22	2
15	16QAM	36	20	21.24	20.96	20.88		
15	16QAM	36	39	20.99	20.95	20.85		
15	16QAM	75	0	21.12	21.00	20.84		
15	64QAM	1	0	21.16	21.18	20.98	22	2
15	64QAM	1	37	21.25	21.04	21.07		
15	64QAM	1	74	21.13	20.91	20.94		
15	64QAM	36	0	20.13	19.95	20.00	21	3
15	64QAM	36	20	20.02	20.01	19.94		
15	64QAM	36	39	20.06	20.00	19.85		
15	64QAM	75	0	20.06	19.90	19.87		
15	256QAM	1	0	18.08	18.04	18.07	19	5
15	256QAM	1	37	18.12	18.07	18.00		
15	256QAM	1	74	17.92	17.90	17.88		
15	256QAM	36	0	17.80	17.90	17.83	19	5
15	256QAM	36	20	17.87	17.89	17.88		
15	256QAM	36	39	18.00	17.94	18.00		
15	256QAM	75	0	18.01	17.92	17.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.14	23.05	22.92	24	0
10	QPSK	1	25	23.06	23.09	22.88		
10	QPSK	1	49	22.96	22.96	22.83		
10	QPSK	25	0	22.06	22.03	22.03	23	1
10	QPSK	25	12	22.04	21.98	21.92		
10	QPSK	25	25	21.99	21.94	21.82		
10	QPSK	50	0	22.07	22.03	21.92		
10	16QAM	1	0	22.35	22.34	22.10	23	1
10	16QAM	1	25	22.22	22.14	22.07		
10	16QAM	1	49	22.25	21.94	22.08		
10	16QAM	25	0	21.08	20.98	20.95	22	2
10	16QAM	25	12	21.03	20.89	20.91		
10	16QAM	25	25	21.01	20.97	20.81		
10	16QAM	50	0	21.01	20.94	20.86		
10	64QAM	1	0	21.25	21.18	20.97	22	2
10	64QAM	1	25	21.24	21.11	21.01		
10	64QAM	1	49	21.18	20.92	21.00		
10	64QAM	25	0	20.15	19.98	19.95	21	3
10	64QAM	25	12	20.10	20.00	19.94		
10	64QAM	25	25	20.06	19.94	19.86		
10	64QAM	50	0	20.02	19.96	19.86		
10	256QAM	1	0	18.11	18.04	17.98	19	5
10	256QAM	1	25	18.14	18.10	18.01		
10	256QAM	1	49	17.86	17.91	17.91		
10	256QAM	25	0	17.81	17.83	17.83	19	5
10	256QAM	25	12	17.80	17.87	17.90		
10	256QAM	25	25	17.94	17.92	18.06		
10	256QAM	50	0	17.97	17.93	17.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.11	23.13	22.99	24	0
5	QPSK	1	12	23.07	23.10	22.91		
5	QPSK	1	24	22.97	22.92	22.83		
5	QPSK	12	0	22.09	22.13	22.00	23	1
5	QPSK	12	7	22.07	21.92	21.91		
5	QPSK	12	13	22.08	21.90	21.92		
5	QPSK	25	0	22.06	22.11	21.92		
5	16QAM	1	0	22.28	22.31	22.01	23	1
5	16QAM	1	12	22.22	22.16	22.05		
5	16QAM	1	24	22.15	22.00	22.11		
5	16QAM	12	0	21.09	21.01	20.98	22	2
5	16QAM	12	7	20.99	20.99	20.91		
5	16QAM	12	13	21.07	20.93	20.78		
5	16QAM	25	0	21.05	20.96	20.89		
5	64QAM	1	0	21.24	21.21	21.06	22	2
5	64QAM	1	12	21.21	21.06	21.03		
5	64QAM	1	24	21.20	20.85	21.03		
5	64QAM	12	0	20.04	19.97	19.94	21	3
5	64QAM	12	7	20.09	19.96	19.90		
5	64QAM	12	13	20.10	20.01	19.86		
5	64QAM	25	0	20.05	19.91	19.94		
5	256QAM	1	0	18.16	18.09	18.02	19	5
5	256QAM	1	12	18.08	18.05	17.99		
5	256QAM	1	24	17.89	17.96	17.87		
5	256QAM	12	0	17.89	17.86	17.74	19	5
5	256QAM	12	7	17.85	17.88	17.93		
5	256QAM	12	13	17.95	17.95	18.02		
5	256QAM	25	0	18.00	17.97	17.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.13	23.16	23.01	24	0
3	QPSK	1	8	23.00	23.06	22.82		
3	QPSK	1	14	22.99	22.94	22.82		
3	QPSK	8	0	22.00	22.14	21.94	23	1
3	QPSK	8	4	22.06	22.03	21.85		
3	QPSK	8	7	22.07	21.92	21.89		
3	QPSK	15	0	22.02	22.06	21.86		
3	16QAM	1	0	22.26	22.31	22.00	23	1
3	16QAM	1	8	22.31	22.16	22.05		
3	16QAM	1	14	22.16	21.93	22.02		
3	16QAM	8	0	21.13	20.99	20.93	22	2
3	16QAM	8	4	21.05	20.99	20.84		
3	16QAM	8	7	21.02	20.95	20.80		
3	16QAM	15	0	21.11	20.96	20.82		
3	64QAM	1	0	21.17	21.22	21.06	22	2
3	64QAM	1	8	21.15	21.10	21.06		
3	64QAM	1	14	21.23	20.90	21.03		
3	64QAM	8	0	20.11	20.01	19.93	21	3
3	64QAM	8	4	20.07	20.00	19.87		
3	64QAM	8	7	20.08	19.98	19.88		
3	64QAM	15	0	20.10	20.01	19.92		
3	256QAM	1	0	18.07	18.05	18.06	19	5
3	256QAM	1	8	18.03	17.96	17.97		
3	256QAM	1	14	17.94	17.95	17.93		
3	256QAM	8	0	17.88	17.92	17.85	19	5
3	256QAM	8	4	17.83	17.94	17.95		
3	256QAM	8	7	17.99	17.93	18.07		
3	256QAM	15	0	18.06	17.93	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.09	23.13	23.00	24	0
1.4	QPSK	1	3	23.04	23.05	22.87		
1.4	QPSK	1	5	22.96	22.97	22.78		
1.4	QPSK	3	0	23.11	23.08	22.98		
1.4	QPSK	3	1	23.03	23.05	22.83		
1.4	QPSK	3	3	22.94	22.96	22.87		
1.4	QPSK	6	0	22.03	22.11	21.91	23	1
1.4	16QAM	1	0	22.35	22.37	22.07	23	1
1.4	16QAM	1	3	22.33	22.16	22.09		
1.4	16QAM	1	5	22.25	21.93	22.08		
1.4	16QAM	3	0	22.03	22.04	21.94		
1.4	16QAM	3	1	21.97	21.95	21.84		
1.4	16QAM	3	3	22.09	21.95	21.85		
1.4	16QAM	6	0	21.07	20.95	20.91	22	2
1.4	64QAM	1	0	21.14	21.23	20.97	22	2
1.4	64QAM	1	3	21.14	21.13	21.07		
1.4	64QAM	1	5	21.13	20.89	21.04		
1.4	64QAM	3	0	21.10	20.96	21.01		
1.4	64QAM	3	1	21.07	20.91	20.85		
1.4	64QAM	3	3	21.02	20.94	20.81		
1.4	64QAM	6	0	20.13	20.00	19.89	21	3
1.4	256QAM	1	0	18.09	18.15	18.03	19	5
1.4	256QAM	1	3	18.12	18.06	17.97		
1.4	256QAM	1	5	17.86	17.95	17.95		
1.4	256QAM	3	0	17.90	17.91	17.83		
1.4	256QAM	3	1	17.80	17.91	17.88		
1.4	256QAM	3	3	18.02	17.94	17.99		
1.4	256QAM	6	0	18.06	17.92	17.92	19	5

Band 66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.92	24.03	23.87	25	0
20	QPSK	1	49	23.88	24.02	23.75		
20	QPSK	1	99	23.92	23.82	23.76		
20	QPSK	50	0	22.95	23.01	22.85	24	1
20	QPSK	50	24	22.90	22.89	22.84		
20	QPSK	50	50	22.92	22.89	22.75		
20	QPSK	100	0	22.98	22.99	22.86		
20	16QAM	1	0	23.11	23.16	23.04	24	1
20	16QAM	1	49	23.21	23.10	22.93		
20	16QAM	1	99	23.10	22.89	22.93		
20	16QAM	50	0	21.95	21.91	21.94	23	2
20	16QAM	50	24	21.88	21.94	21.79		
20	16QAM	50	50	21.88	21.93	21.70		
20	16QAM	100	0	21.97	21.90	21.73		
20	64QAM	1	0	22.09	22.22	21.98	23	2
20	64QAM	1	49	22.15	22.02	22.02		
20	64QAM	1	99	21.97	21.83	21.78		
20	64QAM	50	0	20.91	20.91	20.82	22	3
20	64QAM	50	24	20.91	20.90	20.78		
20	64QAM	50	50	20.94	20.96	20.77		
20	64QAM	100	0	20.89	20.97	20.84		
20	256QAM	1	0	18.97	18.90	18.98	20	5
20	256QAM	1	49	18.96	19.03	18.95		
20	256QAM	1	99	18.93	18.94	18.93		
20	256QAM	50	0	18.86	18.89	18.91	20	5
20	256QAM	50	24	18.89	18.87	18.89		
20	256QAM	50	50	18.85	18.93	18.82		
20	256QAM	100	0	18.90	18.82	18.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.77	23.86	23.80	25	0
15	QPSK	1	37	23.73	23.97	23.70		
15	QPSK	1	74	23.81	23.77	23.67		
15	QPSK	36	0	22.79	22.91	22.73	24	1
15	QPSK	36	20	22.77	22.84	22.74		
15	QPSK	36	39	22.83	22.81	22.70		
15	QPSK	75	0	22.83	22.81	22.72		
15	16QAM	1	0	23.02	23.07	22.98	24	1
15	16QAM	1	37	23.13	23.02	22.83		
15	16QAM	1	74	23.03	22.81	22.83		
15	16QAM	36	0	21.89	21.86	21.86	23	2
15	16QAM	36	20	21.72	21.80	21.58		
15	16QAM	36	39	21.83	21.85	21.65		
15	16QAM	75	0	21.89	21.82	21.58		
15	64QAM	1	0

Band 66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.56	23.58	23.43		
20	QPSK	1	49	23.53	23.38	23.19	25	0
20	QPSK	1	99	23.39	23.31	23.24		
20	QPSK	50	0	22.51	22.61	22.33		
20	QPSK	50	24	22.44	22.34	22.23	24	1
20	QPSK	50	50	22.41	22.32	22.23		
20	QPSK	100	0	22.48	22.55	22.22		
20	16QAM	1	0	22.82	22.76	22.50		
20	16QAM	1	49	22.83	22.64	22.41	24	1
20	16QAM	1	99	22.62	22.43	22.38		
20	16QAM	50	0	21.61	21.48	21.34		
20	16QAM	50	24	21.53	21.37	21.23	23	2
20	16QAM	50	50	21.48	21.36	21.24		
20	16QAM	100	0	21.52	21.40	21.26		
20	64QAM	1	0	21.84	21.61	21.47		
20	64QAM	1	49	21.76	21.50	21.47	23	2
20	64QAM	1	99	21.55	21.28	21.37		
20	64QAM	50	0	20.53	20.44	20.28		
20	64QAM	50	24	20.59	20.36	20.28	22	3
20	64QAM	50	50	20.50	20.40	20.26		
20	64QAM	100	0	20.53	20.41	20.21		
20	256QAM	1	0	18.51	18.51	18.48		
20	256QAM	1	49	18.44	18.47	18.53	20	5
20	256QAM	1	99	18.48	18.47	18.55		
20	256QAM	50	0	18.48	18.44	18.48		
20	256QAM	50	24	18.31	18.37	18.28	20	5
20	256QAM	50	50	18.38	18.39	18.53		
20	256QAM	100	0	18.49	18.38	18.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.49	23.51	23.35		
15	QPSK	1	37	23.44	23.25	23.03	25	0
15	QPSK	1	74	23.23	23.16	23.14		
15	QPSK	36	0	22.40	22.51	22.18		
15	QPSK	36	20	22.31	22.19	22.15	24	1
15	QPSK	36	39	22.29	22.22	22.13		
15	QPSK	75	0	22.40	22.43	22.09		
15	16QAM	1	0	22.68	22.64	22.37		
15	16QAM	1	37	22.73	22.59	22.28	24	1
15	16QAM	1	74	22.52	22.32	22.31		
15	16QAM	36	0	21.51	21.42	21.27		
15	16QAM	36	20	21.41	21.32	21.17	23	2
15	16QAM	36	39	21.35	21.22	21.19		
15	16QAM	75	0	21.41	21.32	21.13		
15	64QAM	1	0	21.68	21.50	21.42		
15	64QAM	1	37	21.61	21.39	21.34	23	2
15	64QAM	1	74	21.49	21.13	21.26		
15	64QAM	36	0	20.44	20.36	20.23		
15	64QAM	36	20	20.54	20.25	20.19	22	3
15	64QAM	36	39	20.34	20.31	20.17		
15	64QAM	75	0	20.39	20.31	20.11		
15	256QAM	1	0	18.45	18.40	18.34		
15	256QAM	1	37	18.33	18.40	18.48	20	5
15	256QAM	1	74	18.40	18.33	18.49		
15	256QAM	36	0	18.42	18.38	18.33		
15	256QAM	36	20	18.15	18.31	18.14	20	5
15	256QAM	36	39	18.28	18.30	18.41		
15	256QAM	75	0	18.42	18.33	18.39		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.48	23.45	23.36		
10	QPSK	1	25	23.42	23.30	23.04	25	0
10	QPSK	1	49	23.24	23.19	23.15		
10	QPSK	25	0	22.40	22.56	22.21		
10	QPSK	25	12	22.39	22.27	22.07	24	1
10	QPSK	25	25	22.28	22.17	22.16		
10	QPSK	50	0	22.37	22.40	22.07		
10	16QAM	1	0	22.73	22.65	22.40		
10	16QAM	1	25	22.75	22.48	22.29	24	1
10	16QAM	1	49	22.53	22.32	22.25		
10	16QAM	25	0	21.51	21.39	21.26		
10	16QAM	25	12	21.44	21.26	21.13	23	2
10	16QAM	25	25	21.34	21.27	21.11		
10	16QAM	50	0	21.46	21.30	21.12		
10	64QAM	1	0	21.73	21.56	21.35		
10	64QAM	1	25	21.70	21.43	21.38	23	2
10	64QAM	1	49	21.42	21.21	21.29		
10	64QAM	25	0	20.45	20.32	20.12		
10	64QAM	25	12	20.54	20.20	20.17	22	3
10	64QAM	25	25	20.37	20.24	20.20		
10	64QAM	50	0	20.47	20.26	20.06		
10	256QAM	1	0	18.38	18.41	18.38		
10	256QAM	1	25	18.38	18.39	18.47	20	5
10	256QAM	1	49	18.32	18.31	18.43		
10	256QAM	25	0	18.35	18.35	18.38		
10	256QAM	25	12	18.25	18.21	18.21	20	5
10	256QAM	25	25	18.32	18.30	18.43		
10	256QAM	50	0	18.43	18.33	18.39		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.53	23.32		
5	QPSK	1	12	23.41	23.29	23.09	25	0
5	QPSK	1	24	23.26	23.23	23.11		
5	QPSK	12	0	22.41	22.50	22.28		
5	QPSK	12	7	22.31	22.25	22.08	24	1
5	QPSK	12	13	22.31	22.26	22.07		
5	QPSK	25	0	22.43	22.42	22.12		
5	16QAM	1	0	22.69	22.64	22.43		
5	16QAM	1	12	22.70	22.59	22.25	24	1
5	16QAM	1	24	22.55	22.32	22.25		
5	16QAM	12	0	21.56	21.42	21.27		
5	16QAM	12	7	21.48	21.24	21.15	23	2
5	16QAM	12	13	21.34	21.27	21.17		
5	16QAM	25	0	21.38	21.34	21.19		
5	64QAM	1	0	21.74	21.51	21.31		
5	64QAM	1	12	21.70	21.41	21.35	23	2
5	64QAM	1	24	21.42	21.21	21.28		
5	64QAM	12	0	20.44	20.31	20.19		
5	64QAM	12	7	20.52	20.21	20.18	22	3
5	64QAM	12	13	20.40	20.31	20.20		
5	64QAM	25	0	20.42	20.35	20.16		
5	256QAM	1	0	18.42	18.44	18.35		
5	256QAM	1	12	18.32	18.38	18.46	20	5
5	256QAM	1	24	18.40	18.40	18.45		
5	256QAM	12	0	18.37	18.32	18.38		
5	256QAM	12	7	18.18	18.24	18.14	20	5
5	256QAM	12	13	18.28	18.30	18.37		
5	256QAM	25	0	18.38	18.27	18.38		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.49	23.49	23.35		
3	QPSK	1	8	23.47	23.22	23.09	25	0
3	QPSK	1	14	23.29	23.15	23.09		
3	QPSK	8	0	22.44	22.55	22.26		
3	QPSK	8	4	22.30	22.18	22.17	24	1
3	QPSK	8	7	22.34	22.16	22.18		
3	QPSK	15	0	22.32	22.48	22.13		
3	16QAM	1	0	22.76	22.67	22.41		
3	16QAM	1	8	22.76	22.54	22.33	24	1
3	16QAM	1	14	22.48	22.38	22.29		
3	16QAM	8	0	21.55	21.33	21.21		
3	16QAM	8	4	21.41	21.22	21.18	23	2
3	16QAM	8	7	21.42	21.30	21.11		
3	16QAM	15	0	21.41	21.26	21.13		
3	64QAM	1	0	21.68	21.48	21.41		
3	64QAM	1	8	21.63	21.44	21.38	23	2
3	64QAM	1	14	21.44	21.19	21.24		
3	64QAM	8	0	20.47	20.33	20.13		
3	64QAM	8	4	20.44	20.21	20.14	22	3
3	64QAM	8	7	20.39	20.29	20.16		
3	64QAM	15	0	20.41	20.35	20.10		
3	256QAM	1	0	18.44	18.44	18.39		
3	256QAM	1	8	18.37	18.32	18.38	20	5
3	256QAM	1	14	18.43	18.35	18.45		
3	256QAM	8	0	18.40	18.28	18.36		
3	256QAM	8	4	18.17	18.21	18.17	20	5
3	256QAM	8	7	18.29	18.31	18.44		
3	256QAM	15	0	18.40	18.31	18.33		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.48	23.47	23.37		
1.4	QPSK	1	3	23.38	23.33	23.06		
1.4	QPSK	1	5	23.24	23.26	23.16	25	0
1.4	QPSK	3	0	23.46	23.48	23.33		
1.4	QPSK	3	1	23.47	23.24	23.12		
1.4	QPSK	3	3	23.28	23.25	23.14		
1.4	QPSK	6	0	22.35	22.39	22.07	24	1
1.4	16QAM	1	0	22.72	22.64	22.38		
1.4	16QAM	1	3	22.69	22.56	22.35		
1.4	16QAM	1	5	22.51	22.32	22.22	24	1
1.4	16QAM	3	0	22.37	22.55	22.17		
1.4	16QAM	3	1	22.31	22.23	22.08		
1.4	16QAM	3	3	22.33	22.26	22.18		
1.4	16QAM	6	0	21.36	21.31	21.21	23	2
1.4	64QAM	1	0	21.77	21.53	21.32		
1.4	64QAM	1	3	21.68	21.34	21.31		
1.4	64QAM	1	5	21.40	21.23	21.25	23	2
1.4	64QAM	3	0	21.46	21.38	21.21		
1.4	64QAM	3	1	21.48	21.25	21.14		
1.4	64QAM	3	3	21.36	21.25	21.15		
1.4	64QAM	6	0	20.38	20.27	20.16	22	3
1.4	256QAM	1	0	18.46	18.40	18.36		
1.4	256QAM	1	3	18.34	18.37	18.44		
1.4	256QAM	1	5	18.32	18.36	18.43	20	5
1.4	256QAM	3	0	18.37	18.36	18.42		
1.4	256QAM	3	1	18.17	18.26	18.16		
1.4	256QAM	3	3	18.32	18.34	18.47		
1.4	256QAM	6	0	18.42	18.27	18.28	20	5

Band 38_Ant 4_Other PA

BW [MHz]	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	22.25	22.26	22.21	23.5	0
20	QPSK	1	49	22.17	22.08	22.05		
20	QPSK	1	99	22.25	22.14	22.20		
20	QPSK	50	0	21.18	21.24	21.16	22.5	1
20	QPSK	50	24	21.14	21.16	21.05		
20	QPSK	50	50	21.17	21.08	21.06		
20	QPSK	100	0	21.14	21.15	21.11		
20	16QAM	1	0	21.18	21.17	21.02	22.5	1
20	16QAM	1	49	21.25	21.10	21.08		
20	16QAM	1	99	21.27	21.13	21.07		
20	16QAM	50	0	20.19	20.16	20.02	21.5	2
20	16QAM	50	24	20.18	20.02	20.05		
20	16QAM	50	50	20.24	20.15	20.10		
20	16QAM	100	0	20.20	20.08	20.16		
20	64QAM	1	0	19.93	19.78	19.83	21.5	2
20	64QAM	1	49	19.89	19.84	19.78		
20	64QAM	1	99	20.02	19.84	19.87		
20	64QAM	50	0	19.17	19.15	19.13	20.5	3
20	64QAM	50	24	19.16	19.02	19.00		
20	64QAM	50	50	19.19	19.20	19.05		
20	64QAM	100	0	19.22	19.13	19.11		
20	256QAM	1	0	16.89	16.82	16.76	18.5	5
20	256QAM	1	49	16.79	16.70	16.73		
20	256QAM	1	99	16.75	16.71	16.59		
20	256QAM	50	0	16.98	17.04	17.04	18.5	5
20	256QAM	50	24	17.06	17.06	17.00		
20	256QAM	50	50	16.93	16.87	17.02		
20	256QAM	100	0	16.88	16.89	16.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.15	22.15	22.02	23.5	0
15	QPSK	1	37	22.12	21.93	21.79		
15	QPSK	1	74	22.20	21.99	22.12		
15	QPSK	36	0	21.11	21.18	20.92	22.5	1
15	QPSK	36	20	21.02	21.04	20.94		
15	QPSK	36	39	21.04	21.01	20.98		
15	QPSK	75	0	21.00	21.09	21.01		
15	16QAM	1	0	21.11	21.11	20.88	22.5	1
15	16QAM	1	37	21.20	21.00	21.03		
15	16QAM	1	74	21.22	21.03	20.97		
15	16QAM	36	0	20.12	20.03	19.91	21.5	2
15	16QAM	36	20	20.04	19.92	19.99		
15	16QAM	36	39	20.10	20.06	19.98		
15	16QAM	75	0	20.06	19.96	20.06		
15	64QAM	1	0	19.78	19.62	19.67	21.5	2
15	64QAM	1	37	19.79	19.68	19.69		
15	64QAM	1	74	19.88	19.77	19.77		
15	64QAM	36	0	19.11	19.03	18.97	20.5	3
15	64QAM	36	20	19.02	18.96	18.95		
15	64QAM	36	39	19.04	19.14	19.00		
15	64QAM	75	0	19.12	19.01	19.03		
15	256QAM	1	0	16.73	16.75	16.71	18.5	5
15	256QAM	1	37	16.64	16.59	16.60		
15	256QAM	1	74	16.61	16.62	16.54		
15	256QAM	36	0	16.91	16.93	16.97	18.5	5
15	256QAM	36	20	16.94	16.97	16.94		
15	256QAM	36	39	16.86	16.72	16.88		
15	256QAM	75	0	16.78	16.84	16.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.18	22.09	22.02	23.5	0
10	QPSK	1	25	22.04	21.98	21.79		
10	QPSK	1	49	22.19	22.08	22.11		
10	QPSK	25	0	21.05	21.18	20.90	22.5	1
10	QPSK	25	12	21.01	21.11	20.95		
10	QPSK	25	25	21.11	20.96	21.01		
10	QPSK	50	0	21.05	21.06	20.98		
10	16QAM	1	0	21.10	21.12	20.84	22.5	1
10	16QAM	1	25	21.20	21.02	20.99		
10	16QAM	1	49	21.22	20.98	21.01		
10	16QAM	25	0	20.10	20.03	19.91	21.5	2
10	16QAM	25	12	20.12	19.91	19.99		
10	16QAM	25	25	20.16	20.10	19.95		
10	16QAM	50	0	20.11	20.02	20.03		
10	64QAM	1	0	19.83	19.70	19.74	21.5	2
10	64QAM	1	25	19.78	19.68	19.69		
10	64QAM	1	49	19.87	19.70	19.79		
10	64QAM	25	0	19.05	18.99	19.03	20.5	3
10	64QAM	25	12	19.11	18.87	18.90		
10	64QAM	25	25	19.04	19.07	18.91		
10	64QAM	50	0	19.07	18.98	19.03		
10	256QAM	1	0	16.84	16.72	16.62	18.5	5
10	256QAM	1	25	16.72	16.65	16.61		
10	256QAM	1	49	16.66	16.63	16.53		
10	256QAM	25	0	16.83	16.91	16.98	18.5	5
10	256QAM	25	12	16.99	17.00	16.95		
10	256QAM	25	25	16.86	16.77	16.86		
10	256QAM	50	0	16.76	16.83	16.80		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.12	21.94	23.5	0
5	QPSK	1	12	22.03	21.94	21.90		
5	QPSK	1	24	22.09	22.09	22.07		
5	QPSK	12	0	21.05	21.16	20.97	22.5	1
5	QPSK	12	7	21.05	21.10	20.97		
5	QPSK	12	13	21.06	20.93	21.00		
5	QPSK	25	0	21.07	21.08	21.01		
5	16QAM	1	0	21.08	21.03	20.87	22.5	1
5	16QAM	1	12	21.11	21.00	20.93		
5	16QAM	1	24	21.14	21.06	20.91		
5	16QAM	12	0	20.11	20.11	19.87	21.5	2
5	16QAM	12	7	20.10	19.92	19.97		
5	16QAM	12	13	20.14	20.06	19.97		
5	16QAM	25	0	20.11	19.96	20.08		
5	64QAM	1	0	19.84	19.62	19.69	21.5	2
5	64QAM	1	12	19.80	19.70	19.66		
5	64QAM	1	24	19.93	19.73	19.72		
5	64QAM	12	0	19.05	19.06	19.01	20.5	3
5	64QAM	12	7	19.10	18.91	18.93		
5	64QAM	12	13	19.14	19.15	18.91		
5	64QAM	25	0	19.06	19.04	18.95		
5	256QAM	1	0	16.83	16.68	16.68	18.5	5
5	256QAM	1	12	16.63	16.56	16.59		
5	256QAM	1	24	16.70	16.64	16.50		
5	256QAM	12	0	16.93	16.93	16.95	18.5	5
5	256QAM	12	7	16.92	16.91	16.89		
5	256QAM	12	13	16.86	16.78	16.88		
5	256QAM	25	0	16.83	16.78	16.79		

Band 38_Ant 2_Other PA

BW [MHz]	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	22.78	22.79	22.66	24.5	0
20	QPSK	1	49	22.71	22.67	22.50		
20	QPSK	1	99	22.67	22.67	22.59		
20	QPSK	50	0	21.76	21.77	21.63	23.5	1
20	QPSK	50	24	21.75	21.62	21.51		
20	QPSK	50	50	21.71	21.67	21.62		
20	QPSK	100	0	21.75	21.76	21.54		
20	16QAM	1	0	21.86	21.71	21.70	23.5	1
20	16QAM	1	49	21.91	21.77	21.58		
20	16QAM	1	99	21.84	21.77	21.65		
20	16QAM	50	0	20.81	20.74	20.71	22.5	2
20	16QAM	50	24	20.81	20.79	20.58		
20	16QAM	50	50	20.81	20.74	20.70		
20	16QAM	100	0	20.89	20.75	20.70		
20	64QAM	1	0	20.76	20.66	20.51	22.5	2
20	64QAM	1	49	20.73	20.62	20.53		
20	64QAM	1	99	20.70	20.52	20.59		
20	64QAM	50	0	19.83	19.68	19.64	21.5	3
20	64QAM	50	24	19.76	19.68	19.66		
20	64QAM	50	50	19.83	19.76	19.69		
20	64QAM	100	0	19.78	19.69	19.62		
20	256QAM	1	0	17.55	17.62	17.67	19.5	5
20	256QAM	1	49	17.66	17.61	17.57		
20	256QAM	1	99	17.54	17.53	17.56		
20	256QAM	50	0	17.71	17.67	17.74	19.5	5
20	256QAM	50	24	17.57	17.61	17.69		
20	256QAM	50	50	17.60	17.60	17.74		
20	256QAM	100	0	17.63	17.57	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.72	22.61	24.5	0
15	QPSK	1	37	22.69	22.68	22.55		
15	QPSK	1	74	22.71	22.63	22.56		
15	QPSK	36	0	21.70	21.64	21.65	23.5	1
15	QPSK	36	20	21.80	21.65	21.56		
15	QPSK	36	39	21.74	21.66	21.63		
15	QPSK	75	0	21.73	21.66	21.51		
15	16QAM	1	0	21.79	21.57	21.61	23.5	1
15	16QAM	1	37	21.81	21.63	21.50		
15	16QAM	1	74	21.76	21.67	21.51		
15	16QAM	36	0	20.73	20.66	20.61	22.5	2
15	16QAM	36	20	20.69	20.65	20.59		
15	16QAM	36	39	20.71	20.68	20.59		
15	16QAM	75	0	20.75	20.61	20.60		
15	64QAM	1	0	20.77	20.68	20.54	22.5	2
15	64QAM	1	37	20.72	20.65	20.51		
15	64QAM	1	74	20.67	20.53	20.50		
15	64QAM	36	0	19.70	19.61	19.57	21.5	3
15	64QAM	36	20	19.69	19.56	19.55		
15	64QAM	36	39	19.78	19.70	19.62		
15	64QAM	75	0	19.70	19.53	19.57		
15	256QAM	1	0	17.61	17.68	17.81	19.5	5
15	256QAM	1	37	17.58	17.55	17.52		
15	256QAM	1	74	17.53	17.50	17.51		
15	256QAM	36	0	17.85	17.81	17.88	19.5	5
15	256QAM	36	20	17.54	17.56	17.63		
15	256QAM	36	39	17.55	17.59	17.68		
15	256QAM	75	0	17.57	17.59	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.69	22.70	24.5	0
10	QPSK	1	25	22.72	22.71	22.55		
10	QPSK	1	49	22.68	22.68	22.56		
10	QPSK	25	0	21.66	21.66	21.58	23.5	1
10	QPSK	25	12	21.76	21.65	21.59		
10	QPSK	25	25	21.67	21.64	21.65		
10	QPSK	50	0	21.75	21.68	21.57		
10	16QAM	1	0	21.81	21.60	21.64	23.5	1
10	16QAM	1	25	21.77	21.68	21.59		
10	16QAM	1	49	21.74	21.71	21.59		
10	16QAM	25	0	20.71	20.61	20.62	22.5	2
10	16QAM	25	12	20.73	20.72	20.57		
10	16QAM	25	25	20.70	20.67	20.63		
10	16QAM	50	0	20.82	20.60	20.63		
10	64QAM	1	0	20.80	20.60	20.52	22.5	2
10	64QAM	1	25	20.73	20.64	20.51		
10	64QAM	1	49	20.64	20.55	20.55		
10	64QAM	25	0	19.77	19.62	19.51	21.5	3
10	64QAM	25	12	19.71	19.57	19.60		
10	64QAM	25	25	19.74	19.70	19.64		
10	64QAM	50	0	19.80	19.63	19.61		
10	256QAM	1	0	17.57	17.60	17.65	19.5	5
10	256QAM	1	25	17.51	17.53	17.50		
10	256QAM	1	49	17.52	17.53	17.55		
10	256QAM	25	0	17.65	17.70	17.74	19.5	5
10	256QAM	25	12	17.61	17.55	17.65		
10	256QAM	25	25	17.61	17.54	17.72		
10	256QAM	50	0	17.59	17.56	17.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.71	22.60	24.5	0
5	QPSK	1	12	22.69	22.65	22.53		
5	QPSK	1	24	22.66	22.70	22.61		
5	QPSK	12	0	21.73	21.65	21.59	23.5	1
5	QPSK	12	7	21.78	21.60	21.50		
5	QPSK	12	13	21.75	21.67	21.62		
5	QPSK	25	0	21.70	21.74	21.59		
5	16QAM	1	0	21.81	21.63	21.56	23.5	1
5	16QAM	1	12	21.75	21.70	21.53		
5	16QAM	1	24	21.71	21.71	21.54		
5	16QAM	12	0	20.69	20.63	20.64	22.5	2
5	16QAM	12	7	20.68	20.65	20.52		
5	16QAM	12	13	20.70	20.58	20.57		
5	16QAM	25	0	20.84	20.61	20.58		
5	64QAM	1	0	20.70	20.70	20.51	22.5	2
5	64QAM	1	12	20.76	20.59	20.53		
5	64QAM	1	24	20.67	20.52	20.53		
5	64QAM	12	0	19.86	19.69	19.62	21.5	3
5	64QAM	12	7	19.71	19.71	19.60		
5	64QAM	12	13	19.80	19.71	19.69		
5	64QAM	25	0	19.78	19.64	19.66		
5	256QAM	1	0	17.57	17.64	17.65	19.5	5
5	256QAM	1	12	17.54	17.51	17.55		
5	256QAM	1	24	17.55	17.52	17.53		
5	256QAM	12	0	17.74	17.66	17.74	19.5	5
5	256QAM	12	7	17.62	17.60	17.69		
5	256QAM	12	13	17.57	17.65	17.68		
5	256QAM	25	0	17.64	17.58	17.58		

Band 38_Ant 5_Other PA

BW [MHz]	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	19.97	20.05	19.98	21.5	0
20	QPSK	1	49	19.96	19.84	19.68		
20	QPSK	1	99	19.96	19.96	19.85		
20	QPSK	50	0	19.74	19.80	19.79	21.5	0
20	QPSK	50	24	19.70	19.66	19.59		
20	QPSK	50	50	19.72	19.77	19.63		
20	QPSK	100	0	19.69	19.84	19.72		
20	16QAM	1	0	19.63	19.65	19.54	21.5	0
20	16QAM	1	49	19.70	19.64	19.61		
20	16QAM	1	99	19.72	19.59	19.64		
20	16QAM	50	0	19.70	19.61	19.63	21.5	0
20	16QAM	50	24	19.76	19.72	19.60		
20	16QAM	50	50	19.74	19.74	19.75		
20	16QAM	100	0	19.73	19.74	19.72		
20	64QAM	1	0	19.66	19.69	19.62	21.5	0
20	64QAM	1	49	19.79	19.59	19.69		
20	64QAM	1	99	19.75	19.61	19.62		
20	64QAM	50	0	19.72	19.60	19.69	21.5	0
20	64QAM	50	24	19.70	19.63	19.69		
20	64QAM	50	50	19.73	19.79	19.67		
20	64QAM	100	0	19.76	19.73	19.66		
20	256QAM	1	0	19.40	19.32	19.26	20.5	1
20	256QAM	1	49	19.38	19.27	19.32		
20	256QAM	1	99	19.31	19.31	19.37		
20	256QAM	50	0	19.61	19.52	19.55	20.5	1
20	256QAM	50	24	19.65	19.56	19.51		
20	256QAM	50	50	19.52	19.49	19.64		
20	256QAM	100	0	19.50	19.55	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.94	19.87	21.5	0
15	QPSK	1	37	19.86	19.76	19.62		
15	QPSK	1	74	19.87	19.84	19.69		
15	QPSK	36	0	19.68	19.72	19.72	21.5	0
15	QPSK	36	20	19.55	19.57	19.63		
15	QPSK	36	39	19.66	19.71	19.54		
15	QPSK	75	0	19.58	19.70	19.63		
15	16QAM	1	0	19.54	19.54	19.64	21.5	0
15	16QAM	1	37	19.59	19.58	19.69		
15	16QAM	1	74	19.65	19.54	19.50		
15	16QAM	36	0	19.55	19.54	19.52	21.5	0
15	16QAM	36	20	19.66	19.67	19.50		
15	16QAM	36	39	19.67	19.62	19.68		
15	16QAM	75	0	19.64	19.61	19.61		
15	64QAM	1	0	19.50	19.58	19.54	21.5	0
15	64QAM	1	37	19.68	19.52	19.55		
15	64QAM	1	74	19.67	19.66	19.57		
15	64QAM	36	0	19.65	19.68	19.59	21.5	0
15	64QAM	36	20	19.65	19.58	19.54		
15	64QAM	36	39	19.62	19.69	19.52		
15	64QAM	75	0	19.63	19.66	19.54		
15	256QAM	1	0	19.28	19.16	19.18	20.5	1
15	256QAM	1	37	19.33	19.17	19.17		
15	256QAM	1	74	19.15	19.20	19.31		
15	256QAM	36	0	19.54	19.47	19.48	20.5	1
15	256QAM	36	20	19.58	19.42	19.42		
15	256QAM	36	39	19.47	19.43	19.59		
15	256QAM	75	0	19.37	19.50	19.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.82	20.00	19.92	21.5	0
10	QPSK	1	25	19.89	19.69	19.61		
10	QPSK	1	49	19.88	19.87	19.70		
10	QPSK	25	0	19.69	19.73	19.70	21.5	0
10	QPSK	25	12	19.63	19.58	19.52		
10	QPSK	25	25	19.64	19.63	19.51		
10	QPSK	50	0	19.55	19.76	19.67		
10	16QAM	1	0	19.56	19.50	19.60	21.5	0
10	16QAM	1	25	19.56	19.59	19.66		
10	16QAM	1	49	19.65	19.54	19.50		
10	16QAM	25	0	19.59	19.51	19.54	21.5	0
10	16QAM	25	12	19.68	19.60	19.54		
10	16QAM	25	25	19.60	19.69	19.70		
10	16QAM	50	0	19.57	19.59	19.65		
10	64QAM	1	0	19.61	19.54	19.67	21.5	0
10	64QAM	1	25	19.72	19.66	19.63		
10	64QAM	1	49	19.61	19.69	19.57		
10	64QAM	25	0	19.66	19.66	19.63	21.5	0
10	64QAM	25	12	19.59	19.56	19.53		
10	64QAM	25	25	19.67	19.73	19.55		
10	64QAM	50	0	19.66	19.61	19.59		
10	256QAM	1	0	19.25	19.26	19.21	20.5	1
10	256QAM	1	25	19.29	19.22	19.19		
10	256QAM	1	49	19.16	19.16	19.30		
10	256QAM	25	0	19.51	19.45	19.49	20.5	1
10	256QAM	25	12	19.52	19.41	19.41		
10	256QAM	25	25	19.44	19.38	19.52		
10	256QAM	50	0	19.34	19.47	19.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.82	19.99	19.84	21.5	0
5	QPSK	1	12	19.82	19.68	19.60		
5	QPSK	1	24	19.87	19.85	19.78		
5	QPSK	12	0	19.67	19.67	19.71	21.5	0
5	QPSK	12	7	19.63	19.51	19.51		
5	QPSK	12	13	19.67	19.69	19.52		
5	QPSK	25	0	19.56	19.70	19.65		
5	16QAM	1	0	19.55	19.56	19.63	21.5	0
5	16QAM	1	12	19.65	19.56	19.68		
5	16QAM	1	24	19.59	19.63	19.69		
5	16QAM	12	0	19.65	19.52	19.54	21.5	0
5	16QAM	12	7	19.65	19.58	19.67		
5	16QAM	12	13	19.67	19.58	19.68		
5	16QAM	25	0	19.64	19.60	19.58		
5	64QAM	1	0	19.59	19.53	19.55	21.5	0
5	64QAM	1	12	19.74	19.54	19.53		
5	64QAM	1	24	19.60	19.69	19.68		
5	64QAM	12	0	19.61	19.68	19.59	21.5	0
5	64QAM	12	7	19.56	19.51	19.55		
5	64QAM	12	13	19.60	19.74	19.55		
5	64QAM	25	0	19.65	19.65	19.53		
5	256QAM	1	0	19.29	19.20	19.11	20.5	1
5	256QAM	1	12	19.32	19.17	19.19		
5	256QAM	1	24	19.22	19.19	19.21		
5	256QAM	12	0	19.54	19.45	19.42	20.5	1
5	256QAM	12	7	19.60	19.49	19.37		
5	256QAM	12	13	19.47	19.37	19.51		
5	256QAM	25	0	19.38	19.41	19.55		

Band 38_Ant 3_Other PA

BW [MHz]	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	24.19	24.23	24.10	25	0
20	QPSK	1	49	24.16	24.21	23.97		
20	QPSK	1	99	24.15	24.19	24.06		
20	QPSK	50	0	23.17	23.18	23.11	24	1
20	QPSK	50	24	23.12	23.07	23.06		
20	QPSK	50	50	23.13	23.07	23.10		
20	QPSK	100	0	23.07	23.13	23.05		
20	16QAM	1	0	23.16	23.07	23.06	24	1
20	16QAM	1	49	23.25	23.19	22.97		
20	16QAM	1	99	23.16	23.11	23.11		
20	16QAM	50	0	22.16	22.10	22.04	23	2
20	16QAM	50	24	22.20	22.11	22.04		
20	16QAM	50	50	22.17	22.09	22.02		
20	16QAM	100	0	22.15	22.14	22.09		
20	64QAM	1	0	21.87	21.81	21.79	23	2
20	64QAM	1	49	21.86	21.90	21.79		
20	64QAM	1	99	21.95	21.83	21.87		
20	64QAM	50	0	21.09	21.02	21.07	22	3
20	64QAM	50	24	21.15	21.07	20.95		
20	64QAM	50	50	21.14	21.05	21.04		
20	64QAM	100	0	21.16	21.11	21.02		
20	256QAM	1	0	18.84	18.89	18.95	20	5
20	256QAM	1	49	18.65	18.77	18.75		
20	256QAM	1	99	18.78	18.65	18.75		
20	256QAM	50	0	19.08	18.93	19.04	20	5
20	256QAM	50	24	18.86	18.94	18.91		
20	256QAM	50	50	18.90	18.81	18.88		
20	256QAM	100	0	18.87	18.81	18.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.03	24.09	24.05	25	0
15	QPSK	1	37	24.04	24.05	23.87		
15	QPSK	1	74	24.05	24.12	23.99		
15	QPSK	36	0	23.12	23.06	22.98	24	1
15	QPSK	36	20	23.04	22.97	22.96		
15	QPSK	36	39	22.99	22.96	22.95		
15	QPSK	75	0	22.98	23.01	22.94		
15	16QAM	1	0	23.00	22.93	23.00	24	1
15	16QAM	1	37	23.13	23.06	22.92		
15	16QAM	1	74	23.05	23.05	23.02		
15	16QAM	36	0	22.09	21.94	21.92	23	2
15	16QAM	36	20	22.15	21.98	21.98		
15	16QAM	36	39	22.04	22.02	21.96		
15	16QAM	75	0	22.03	22.06	22.02		
15	64QAM	1	0	21.73	21.73	21.66	23	2
15	64QAM	1	37	21.77	21.82	21.73		
15	64QAM	1	74	21.88	21.75	21.74		
15	64QAM	36	0	21.01	20.96	20.93	22	3
15	64QAM	36	20	21.02	20.99	20.84		
15	64QAM	36	39	21.09	20.94	20.97		
15	64QAM	75	0	21.09	21.00	20.96		
15	256QAM	1	0	18.79	18.73	18.86	20	5
15	256QAM	1	37	18.52	18.70	18.69		
15	256QAM	1	74	18.70	18.57	18.60		
15	256QAM	36	0	19.01	18.87	18.88	20	5
15	256QAM	36	20	18.76	18.86	18.84		
15	256QAM	36	39	18.85	18.67	18.73		
15	256QAM	75	0	18.82	18.76	18.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.08	24.10	24.04	25	0
10	QPSK	1	25	24.10	24.10	23.84		
10	QPSK	1	49	24.01	24.04	23.95		
10	QPSK	25	0	23.02	23.05	22.96	24	1
10	QPSK	25	12	23.02	22.94	22.92		
10	QPSK	25	25	22.99	22.93	22.95		
10	QPSK	50	0	22.96	23.01	22.91		
10	16QAM	1	0	23.08	22.97	22.99	24	1
10	16QAM	1	25	23.14	23.07	22.83		
10	16QAM	1	49	23.11	23.03	23.05		
10	16QAM	25	0	22.08	21.95	21.93	23	2
10	16QAM	25	12	22.14	22.04	21.99		
10	16QAM	25	25	22.07	21.98	21.91		
10	16QAM	50	0	22.09	22.04	21.95		
10	64QAM	1	0	21.72	21.66	21.68	23	2
10	64QAM	1	25	21.77	21.74	21.64		
10	64QAM	1	49	21.81	21.76	21.78		
10	64QAM	25	0	20.98	20.94	20.97	22	3
10	64QAM	25	12	21.01	20.92	20.80		
10	64QAM	25	25	21.00	20.90	20.99		
10	64QAM	50	0	21.10	21.00	20.96		
10	256QAM	1	0	18.79	18.82	18.89	20	5
10	256QAM	1	25	18.56	18.62	18.64		
10	256QAM	1	49	18.65	18.56	18.60		
10	256QAM	25	0	18.99	18.86	18.97	20	5
10	256QAM	25	12	18.81	18.80	18.86		
10	256QAM	25	25	18.81	18.66	18.83		
10	256QAM	50	0	18.78	18.65	18.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.12	24.12	24.05	25	0
5	QPSK	1	12	24.06	24.13	23.83		
5	QPSK	1	24	24.07	24.04	23.99		
5	QPSK	12	0	23.05	23.06	23.02	24	1
5	QPSK	12	7	23.01	22.98	22.99		
5	QPSK	12	13	23.04	23.00	23.01		
5	QPSK	25	0	23.00	23.08	23.00		
5	16QAM	1	0	23.06	22.96	22.96	24	1
5	16QAM	1	12	23.16	23.03	22.87		
5	16QAM	1	24	23.06	22.97	23.05		
5	16QAM	12	0	22.01	21.98	21.88	23	2
5	16QAM	12	7	22.13	22.04	21.91		
5	16QAM	12	13	22.11	22.02	21.96		
5	16QAM	25	0	22.05	22.05	21.96		
5	64QAM	1	0	21.72	21.69	21.68	23	2
5	64QAM	1	12	21.81	21.79	21.63		
5	64QAM	1	24	21.83	21.77	21.74		
5	64QAM	12	0	20.97	20.87	20.94	22	3
5	64QAM	12	7	21.09	20.93	20.81		
5	64QAM	12	13	21.04	20.97	20.90		
5	64QAM	25	0	21.08	21.03	20.92		
5	256QAM	1	0	18.79	18.76	18.85	20	5
5	256QAM	1	12	18.49	18.70	18.59		
5	256QAM	1	24	18.65	18.50	18.61		
5	256QAM	12	0	18.96	18.82	18.99	20	5
5	256QAM	12	7	18.76	18.85	18.75		
5	256QAM	12	13	18.77	18.65	18.79		
5	256QAM	25	0	18.75	18.68	18.66		

Band 41_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.62	21.73	21.53	21.44	21.25	23	0
20	QPSK	1	49	21.58	21.35	21.52	21.33	21.16		
20	QPSK	1	99	21.61	21.56	21.52	21.24	21.24		
20	QPSK	50	0	20.57	20.62	20.58	20.28	20.42	22	1
20	QPSK	50	24	20.46	20.44	20.51	20.21	20.22		
20	QPSK	50	50	20.48	20.39	20.45	20.21	20.38		
20	QPSK	100	0	20.52	20.53	20.50	20.15	20.33		
20	16QAM	1	0	20.67	20.47	20.42	20.05	20.27	22	1
20	16QAM	1	49	20.65	20.55	20.64	20.29	20.24		
20	16QAM	1	99	20.61	20.38	20.53	20.32	20.47		
20	16QAM	50	0	19.53	19.44	19.51	19.21	19.19	21	2
20	16QAM	50	24	19.49	19.27	19.55	19.35	19.30		
20	16QAM	50	50	19.56	19.45	19.52	19.24	19.35		
20	16QAM	100	0	19.52	19.28	19.61	19.35	19.29		
20	64QAM	1	0	19.24	19.16	19.21	19.02	19.03	21	2
20	64QAM	1	49	19.25	19.14	19.29	19.09	19.06		
20	64QAM	1	99	19.30	19.09	19.25	19.08	19.11		
20	64QAM	50	0	18.59	18.43	18.58	18.17	18.15	20	3
20	64QAM	50	24	18.55	18.45	18.62	18.22	18.21		
20	64QAM	50	50	18.56	18.50	18.52	18.34	18.27		
20	64QAM	100	0	18.66	18.37	18.48	18.20	18.34		
20	256QAM	1	0	16.09	16.23	16.04	16.15	16.24	18	5
20	256QAM	1	49	16.06	16.12	16.05	16.13	16.06		
20	256QAM	1	99	16.01	16.03	16.03	16.05	16.02		
20	256QAM	50	0	16.42	16.19	16.25	16.22	16.29	18	5
20	256QAM	50	24	16.21	16.14	16.40	16.35	16.31		
20	256QAM	50	50	16.14	16.23	16.14	16.14	16.14		
20	256QAM	100	0	16.23	16.24	16.23	16.34	16.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.42	21.61	21.41	21.36	21.09	23	0
15	QPSK	1	37	21.42	21.27	21.42	21.25	21.11		
15	QPSK	1	74	21.48	21.48	21.46	21.08	21.14		
15	QPSK	36	0	20.43	20.52	20.47	20.21	20.26	22	1
15	QPSK	36	20	20.39	20.28	20.35	20.11	20.14		
15	QPSK	36	39	20.38	20.24	20.29	20.05	20.23		
15	QPSK	75	0	20.38	20.47	20.39	20.07	20.20		
15	16QAM	1	0	20.59	20.36	20.29	20.02	20.22	22	1
15	16QAM	1	37	20.53	20.42	20.49	20.23	20.13		
15	16QAM	1	74	20.55	20.29	20.40	20.22	20.42		
15	16QAM	36	0	19.39	19.36	19.35	19.12	19.07	21	2
15	16QAM	36	20	19.33	19.22	19.45	19.29	19.14		
15	16QAM	36	39	19.51	19.31	19.40	19.16	19.23		
15	16QAM	75	0	19.36	19.22	19.49	19.29	19.20		
15	64QAM	1	0	19.13	19.10	19.15	19.02	19.03	21	2
15	64QAM	1	37	19.15	19.09	19.14	19.00	19.03		
15	64QAM	1	74	19.19	19.00	19.12	19.03	19.01		
15	64QAM	36	0	18.51	18.28	18.43	18.09	18.00	20	3
15	64QAM	36	20	18.46	18.32	18.54	18.11	18.12		
15	64QAM	36	39	18.46	18.40	18.47	18.20	18.22		
15	64QAM	75	0	18.58	18.26	18.40	18.05	18.18		
15	256QAM	1	0	16.01	16.17	16.03	16.04	16.08	18	5
15	256QAM	1	37	16.01	16.02	16.02	16.01	16.02		
15	256QAM	1	74	16.03	16.03	16.04	16.06	16.07		
15	256QAM	36	0	16.35	16.06	16.09	16.07	16.23	18	5
15	256QAM	36	20	16.16	16.04	16.27	16.29	16.21		
15	256QAM	36	39	16.06	16.10	16.01	16.02	16.01		
15	256QAM	75	0	16.08	16.14	16.11	16.23	16.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.47	21.65	21.45	21.35	21.20	23	0
10	QPSK	1	25	21.51	21.23	21.38	21.28	21.06		
10	QPSK	1	49	21.51	21.47	21.42	21.16	21.13		
10	QPSK	25	0	20.50	20.50	20.47	20.21	20.36	22	1
10	QPSK	25	12	20.35	20.35	20.42	20.13	20.10		
10	QPSK	25	25	20.42	20.27	20.34	20.06	20.31		
10	QPSK	50	0	20.44	20.45	20.39	20.01	20.28		
10	16QAM	1	0	20.53	20.41	20.26	20.02	20.17	22	1
10	16QAM	1	25	20.60	20.48	20.59	20.21	20.15		
10	16QAM	1	49	20.45	20.24	20.39	20.25	20.42		
10	16QAM	25	0	19.46	19.31	19.43	19.05	19.03	21	2
10	16QAM	25	12	19.38	19.20	19.49	19.23	19.14		
10	16QAM	25	25	19.47	19.30	19.41	19.19	19.23		
10	16QAM	50	0	19.39	19.23	19.47	19.25	19.18		
10	64QAM	1	0	19.18	19.04	19.05	19.04	19.03	21	2
10	64QAM	1	25	19.16	19.08	19.18	19.04	19.03		
10	64QAM	1	49	19.17	19.04	19.15	19.05	19.00		
10	64QAM	25	0	18.53	18.38	18.53	18.10	18.07	20	3
10	64QAM	25	12	18.44	18.30	18.48	18.17	18.08		
10	64QAM	25	25	18.41	18.45	18.41	18.19	18.16		
10	64QAM	50	0	18.53	18.32	18.35	18.08	18.23		
10	256QAM	1	0	16.04	16.10	16.04	16.00	16.14	18	5
10	256QAM	1	25	16.03	16.02	16.05	16.07	16.01		
10	256QAM	1	49	16.05	16.03	16.05	16.02	16.04		
10	256QAM	25	0	16.33	16.12	16.14	16.10	16.17	18	5
10	256QAM	25	12	16.16	16.00	16.31	16.26	16.24		
10	256QAM	25	25	16.01	16.12	16.03	16.02	16.06		
10	256QAM	50	0	16.15	16.18	16.08	16.28	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.46	21.65	21.36	21.39	21.14	23	0
5	QPSK	1	12	21.52	21.27	21.42	21.22	21.09		
5	QPSK	1	24	21.47	21.48	21.38	21.19	21.19		
5	QPSK	12	0	20.45	20.50	20.42	20.23	20.32	22	1
5	QPSK	12	7	20.31	20.29	20.40	20.08	20.13		
5	QPSK	12	13	20.35	20.26	20.33	20.16	20.31		
5	QPSK	25	0	20.43	20.42	20.42	20.08	20.25		
5	16QAM	1	0	20.59	20.41	20.28	20.03	20.18	22	1
5	16QAM	1	12	20.50	20.42	20.55	20.14	20.14		
5	16QAM	1	24	20.56	20.30	20.46	20.23	20.33		
5	16QAM	12	0	19.41	19.31	19.46	19.14	19.04	21	2
5	16QAM	12	7	19.43	19.18	19.47	19.22	19.18		
5	16QAM	12	13	19.48	19.29	19.41	19.18	19.27		
5	16QAM	25	0	19.39	19.14	19.53	19.30	19.14		
5	64QAM	1	0	19.14	19.07	19.13	19.02	19.03	21	2
5	64QAM	1	12	19.10	19.04	19.20	19.02	19.01		
5	64QAM	1	24	19.20	19.03	19.09	19.05	19.03		
5	64QAM	12	0	18.45	18.29	18.44	18.11	18.02	20	3
5	64QAM	12	7	18.40	18.31	18.49	18.14	18.15		
5	64QAM	12	13	18.44	18.44	18.47	18.28	18.16		
5	64QAM	25	0	18.54	18.23	18.35	18.14	18.29		
5	256QAM	1	0	16.04	16.07	16.05	16.10	16.18	18	5
5	256QAM	1	12	16.00	16.06	16.06	16.05	16.07		
5	256QAM	1	24	16.02	16.04	16.07	16.04	16.01		
5	256QAM	12	0	16.36	16.07	16.11	16.16	16.20	18	5
5	256QAM	12	7	16.07	16.06	16.27	16.28	16.19		
5	256QAM	12	13	16.04	16.14	16.09	16.07	16.09		
5	256QAM	25	0	16.09	16.13	16.12	16.19	16.21		

Band 41_Ant 2_Other PA

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	22.64	22.70	22.68	22.65	22.63	24.5	0
20	QPSK	1	49	22.63	22.68	22.63	22.61	22.57		
20	QPSK	1	99	22.57	22.66	22.61	22.63	22.62		
20	QPSK	50	0	21.62	21.68	21.66	21.63	21.61	23.5	1
20	QPSK	50	24	21.61	21.65	21.65	21.62	21.56		
20	QPSK	50	50	21.56	21.65	21.60	21.62	21.56		
20	QPSK	100	0	21.61	21.65	21.63	21.62	21.60		
20	16QAM	1	0	21.55	21.64	21.65	21.62	21.59	23.5	1
20	16QAM	1	49	21.57	21.64	21.65	21.62	21.59		
20	16QAM	1	99	21.57	21.64	21.60	21.60	21.59		
20	16QAM	50	0	20.62	20.66	20.65	20.63	20.62	22.5	2
20	16QAM	50	24	20.56	20.59	20.63	20.58	20.60		
20	16QAM	50	50	20.60	20.60	20.58	20.56	20.55		
20	16QAM	100	0	20.58	20.60	20.58	20.59	20.59		
20	64QAM	1	0	20.58	20.65	20.63	20.61	20.57	22.5	2
20	64QAM	1	49	20.59	20.60	20.61	20.57	20.56		
20	64QAM	1	99	20.57	20.59	20.64	20.61	20.59		
20	64QAM	50	0	19.65	19.66	19.67	19.63	19.62	21.5	3
20	64QAM	50	24	19.60	19.60	19.61	19.58	19.57		
20	64QAM	50	50	19.63	19.64	19.62	19.57	19.58		
20	64QAM	100	0	19.64	19.59	19.66	19.62	19.56		
20	256QAM	1	0	17.65	17.66	17.67	17.63	17.62	19.5	5
20	256QAM	1	49	17.61	17.62	17.60	17.56	17.56		
20	256QAM	1	99	17.61	17.62	17.66	17.61	17.57		
20	256QAM	50	0	17.61	17.62	17.60	17.59	17.59	19.5	5
20	256QAM	50	24	17.58	17.62	17.64	17.60	17.55		
20	256QAM	50	50	17.59	17.64	17.66	17.61	17.58		
20	256QAM	100	0	17.60	17.59	17.63	17.60	17.57		
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	22.59	22.65	22.64	22.60	22.61	24.5	0
15	QPSK	1	37	22.62	22.66	22.58	22.60	22.53		
15	QPSK	1	74	22.55	22.61	22.56	22.58	22.59		
15	QPSK	36	0	21.59	21.64	21.65	21.59	21.56	23.5	1
15	QPSK	36	20	21.59	21.61	21.63	21.60	21.54		
15	QPSK	36	39	21.52	21.63	21.57	21.60	21.51		
15	QPSK	75	0	21.57	21.64	21.58	21.57	21.58		
15	16QAM	1	0	21.52	21.63	21.63	21.61	21.56	23.5	1
15	16QAM	1	37	21.53	21.63	21.63	21.59	21.55		
15	16QAM	1	74	21.52	21.62	21.57	21.57	21.55		
15	16QAM	36	0	20.60	20.61	20.60	20.59	20.58	22.5	2
15	16QAM	36	20	20.55	20.57	20.59	20.54	20.57		
15	16QAM	36	39	20.57	20.59	20.54	20.51	20.52		
15	16QAM	75	0	20.57	20.57	20.55	20.54	20.54		
15	64QAM	1	0	20.55	20.64	20.60	20.56	20.55	22.5	2
15	64QAM	1	37	20.54	20.56	20.60	20.56	20.52		
15	64QAM	1	74	20.53	20.58	20.63	20.57	20.57		
15	64QAM	36	0	19.63	19.61	19.65	19.61	19.57	21.5	3
15	64QAM	36	20	19.58	19.55	19.58	19.55	19.56		
15	64QAM	36	39	19.59	19.61	19.60	19.53	19.56		
15	64QAM	75	0	19.60	19.54	19.64	19.60	19.55		
15	256QAM	1	0	17.60	17.63	17.63	17.58	17.57	19.5	5
15	256QAM	1	37	17.60	17.60	17.57	17.52	17.55		
15	256QAM	1	74	17.59	17.61	17.63	17.58	17.54		
15	256QAM	36	0	17.56	17.61	17.55	17.58	17.55	19.5	5
15	256QAM	36	20	17.55	17.61	17.60	17.57	17.52		
15	256QAM	36	39	17.58	17.60	17.61	17.56	17.53		
15	256QAM	75	0	17.59	17.58	17.60	17.56	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.67	22.64	22.63	22.59	24.5	0
10	QPSK	1	25	22.59	22.66	22.60	22.56	22.53		
10	QPSK	1	49	22.56	22.61	22.56	22.58	22.58		
10	QPSK	25	0	21.57	21.66	21.64	21.62	21.58	23.5	1
10	QPSK	25	12	21.59	21.62	21.62	21.58	21.52		
10	QPSK	25	25	21.54	21.60	21.58	21.59	21.53		
10	QPSK	50	0	21.56	21.60	21.61	21.60	21.59		
10	16QAM	1	0	21.52	21.63	21.61	21.61	21.58	23.5	1
10	16QAM	1	25	21.52	21.59	21.63	21.59	21.58		
10	16QAM	1	49	21.52	21.59	21.55	21.59	21.54		
10	16QAM	25	0	20.58	20.63	20.63	20.58	20.61	22.5	2
10	16QAM	25	12	20.55	20.56	20.60	20.56	20.57		
10	16QAM	25	25	20.59	20.58	20.53	20.53	20.50		
10	16QAM	50	0	20.53	20.56	20.53	20.57	20.54		
10	64QAM	1	0	20.55	20.62	20.61	20.60	20.52	22.5	2
10	64QAM	1	25	20.54	20.58	20.60	20.54	20.51		
10	64QAM	1	49	20.54	20.56	20.60	20.59

Band 41_Ant 5_Other PA

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	19.56	19.76	19.61	19.67	19.56	21	0
20	QPSK	1	49	19.41	19.54	19.55	19.56	19.50		
20	QPSK	1	99	19.44	19.70	19.47	19.61	19.51		
20	QPSK	50	0	19.41	19.49	19.41	19.48	19.44	21	0
20	QPSK	50	24	19.29	19.43	19.33	19.43	19.37		
20	QPSK	50	50	19.26	19.23	19.38	19.30	19.34		
20	QPSK	100	0	19.27	19.42	19.31	19.36	19.25		
20	16QAM	1	0	19.36	19.34	19.42	19.37	19.43	21	0
20	16QAM	1	49	19.43	19.52	19.54	19.45	19.45		
20	16QAM	1	99	19.29	19.60	19.47	19.56	19.36		
20	16QAM	50	0	19.43	19.48	19.64	19.47	19.61	21	0
20	16QAM	50	24	19.45	19.51	19.56	19.56	19.53		
20	16QAM	50	50	19.56	19.72	19.54	19.72	19.58		
20	16QAM	100	0	19.49	19.56	19.52	19.65	19.48		
20	64QAM	1	0	19.21	19.09	19.19	19.15	19.24	21	0
20	64QAM	1	49	19.12	19.22	19.16	19.26	19.24		
20	64QAM	1	99	19.09	19.36	19.07	19.40	19.08		
20	64QAM	50	0	19.49	19.60	19.61	19.57	19.56	21	0
20	64QAM	50	24	19.46	19.52	19.51	19.56	19.53		
20	64QAM	50	50	19.46	19.65	19.43	19.58	19.53		
20	64QAM	100	0	19.48	19.55	19.45	19.53	19.53		
20	256QAM	1	0	18.27	18.51	18.30	18.47	18.38	20	1
20	256QAM	1	49	18.20	18.44	18.19	18.44	18.24		
20	256QAM	1	99	18.18	18.33	18.16	18.30	18.20		
20	256QAM	50	0	18.53	18.62	18.41	18.65	18.47	20	1
20	256QAM	50	24	18.41	18.67	18.50	18.64	18.50		
20	256QAM	50	50	18.46	18.75	18.55	18.69	18.58		
20	256QAM	100	0	18.53	18.56	18.49	18.62	18.48		
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	19.49	19.64	19.50	19.59	19.51	21	0
15	QPSK	1	37	19.34	19.41	19.50	19.51	19.45		
15	QPSK	1	74	19.28	19.59	19.32	19.49	19.38		
15	QPSK	36	0	19.27	19.31	19.34	19.41	19.32	21	0
15	QPSK	36	20	19.18	19.33	19.21	19.38	19.29		
15	QPSK	36	39	19.20	19.13	19.22	19.22	19.26		
15	QPSK	75	0	19.13	19.30	19.18	19.27	19.10		
15	16QAM	1	0	19.21	19.25	19.28	19.21	19.33	21	0
15	16QAM	1	37	19.36	19.40	19.41	19.36	19.36		
15	16QAM	1	74	19.14	19.50	19.32	19.47	19.26		
15	16QAM	36	0	19.27	19.42	19.53	19.32	19.52	21	0
15	16QAM	36	20	19.39	19.45	19.41	19.42	19.44		
15	16QAM	36	39	19.45	19.65	19.40	19.66	19.50		
15	16QAM	75	0	19.38	19.51	19.37	19.51	19.40		
15	64QAM	1	0	19.14	19.11	19.07	19.00	19.19	21	0
15	64QAM	1	37	19.07	19.10	19.03	19.12	19.12		
15	64QAM	1	74	19.10	19.20	19.05	19.26	19.00		
15	64QAM	36	0	19.39	19.55	19.52	19.46	19.50	21	0
15	64QAM	36	20	19.33	19.44	19.42	19.48	19.44		
15	64QAM	36	39	19.30	19.60	19.32	19.53	19.45		
15	64QAM	75	0	19.39	19.41	19.40	19.47	19.42		
15	256QAM	1	0	18.21	18.43	18.22	18.37	18.23	20	1
15	256QAM	1	37	18.11	18.38	18.03	18.35	18.13		
15	256QAM	1	74	18.07	18.19	18.06	18.17	18.05		
15	256QAM	36	0	18.37	18.48	18.29	18.49	18.33	20	1
15	256QAM	36	20	18.26	18.55	18.43	18.59	18.44		
15	256QAM	36	39	18.33	18.60	18.39	18.64	18.53		
15	256QAM	75	0	18.40	18.46	18.36	18.49	18.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.48	19.63	19.46	19.56	19.50	21	0
10	QPSK	1	25	19.30	19.49	19.49	19.49	19.36		
10	QPSK	1	49	19.31	19.59	19.42	19.47	19.36		
10	QPSK	25	0	19.30	19.32	19.29	19.41	19.35	21	0
10	QPSK	25	12	19.21	19.31	19.17	19.31	19.27		
10	QPSK	25	25	19.13	19.11	19.24	19.16	19.29		
10	QPSK	50	0	19.20	19.32	19.17	19.30	19.15		
10	16QAM	1	0	19.29	19.26	19.33	19.29	19.38	21	0
10	16QAM	1	25	19.30	19.41	19.44	19.32	19.35		
10	16QAM	1	49	19.19	19.51	19.31	19.40	19.28		
10	16QAM	25	0	19.35	19.39	19.50	19.36	19.55	21	0
10	16QAM	25	12	19.38	19.35	19.49	19.44	19.41		
10	16QAM	25	25	19.41	19.60	19.39	19.56	19.48		
10	16QAM	50	0	19.42	19.40	19.41	19.60	19.33		
10	64QAM	1	0	19.16	19.15	19.07	19.07	19.10	21	0
10	64QAM	1	25	19.01	19.07	19.10	19.21	19.15		
10	64QAM	1	49	19.02	19.26	19.13	19.27	19.08		
10	64QAM	25	0	19.44	19.49	19.49	19.48	19.41	21	0
10	64QAM	25	12	19.35	19.41	19.36	19.42	19.48		
10	64QAM	25	25	19.39	19.57	19.30	19.44	19.38		
10	64QAM	50	0	19.39	19.46	19.33	19.41	19.41		
10	256QAM	1	0	18.18	18.36	18.20	18.31	18.31	20	1
10	256QAM	1	25	18.12	18.36	18.03	18.39	18.17		
10	256QAM	1	49	18.08	18.26	18.09	18.16	18.13		
10	256QAM	25	0	18.39	18.56	18.28	18.59	18.31	20	1
10	256QAM	25	12	18.34	18.61	18.37	18.48	18.41		
10	256QAM	25	25	18.36	18.64	18.47	18.57	18.44		
10	256QAM	50	0	18.38	18.41	18.35	18.48	18.37		
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	19.49	19.60	19.53	19.55	19.44	21	0
5	QPSK	1	12	19.26	19.42	19.45	19.49	19.42		
5	QPSK	1	24	19.30	19.63	19.37	19.47	19.44		
5	QPSK	12	0	19.30	19.38	19.36	19.37	19.34	21	0
5	QPSK	12	7	19.15	19.27	19.20	19.30	19.32		
5	QPSK	12	13	19.10	19.12	19.24	19.16	19.22		
5	QPSK	25	0	19.14	19.35	19.25	19.23	19.13		
5	16QAM	1	0	19.25	19.21	19.37	19.31	19.28	21	0
5	16QAM	1	12	19.32	19.40	19.44	19.37	19.39		
5	16QAM	1	24	19.21	19.55	19.33	19.50	19.30		
5	16QAM	12	0	19.33	19.43	19.58	19.31	19.46	21	0
5	16QAM	12	7	19.35	19.45	19.49	19.47	19.42		
5	16QAM	12	13	19.42	19.61	19.46	19.65	19.49		
5	16QAM	25	0	19.44	19.44	19.36	19.51	19.41		
5	64QAM	1	0	19.16	19.11	19.13	19.07	19.18	21	0
5	64QAM	1	12	19.03	19.12	19.02	19.13	19.10		
5	64QAM	1	24	19.01	19.31	19.02	19.27	19.02		
5	64QAM	12	0	19.40	19.44	19.52	19.42	19.48	21	0
5	64QAM	12	7	19.39	19.47	19.38	19.42	19.40		
5	64QAM	12	13	19.32	19.54	19.30	19.50	19.37		
5	64QAM	25	0	19.43	19.50	19.36	19.46	19.38		
5	256QAM	1	0	18.20	18.40	18.24	18.31	18.23	20	1
5	256QAM	1	12	18.09	18.32	18.09	18.38	18.14		
5	256QAM	1	24	18.06	18.23	18.01	18.15	18.14		
5	256QAM	12	0	18.40	18.50	18.30	18.49	18.35	20	1
5	256QAM	12	7	18.27	18.51	18.36	18.51	18.41		
5	256QAM	12	13	18.34	18.70	18.44	18.59	18.48		
5	256QAM	25	0	18.40	18.49	18.38	18.50	18.33		

Band 41_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.37	23.55	23.32	23.12	23.04	24.5	0
20	QPSK	1	49	23.25	23.53	23.31	23.11	22.92		
20	QPSK	1	99	23.36	23.52	23.13	23.10	22.94		
20	QPSK	50	0	22.39	22.51	22.21	22.06	22.07	23.5	1
20	QPSK	50	24	22.33	22.41	22.18	22.04	22.01		
20	QPSK	50	50	22.33	22.44	22.20	22.05	22.02		
20	QPSK	100	0	22.42	22.54	22.18	22.08	22.11		
20	16QAM	1	0	22.31	22.57	22.21	22.04	22.08	23.5	1
20	16QAM	1	49	22.41	22.49	22.20	22.10	22.06		
20	16QAM	1	99	22.46	22.42	22.18	22.09	22.16		
20	16QAM	50	0	21.31	21.37	21.14	21.06	21.10	22.5	2
20	16QAM	50	24	21.36	21.50	21.18	21.12	21.08		
20	16QAM	50	50	21.37	21.53	21.18	21.10	21.08		
20	16QAM	100	0	21.32	21.46	21.20	21.04	21.09		
20	64QAM	1	0	21.13	21.20	20.94	20.88	20.81	22.5	2
20	64QAM	1	49	21.17	21.26	20.95	20.83	20.84		
20	64QAM	1	99	21.19	21.32	20.83	20.86	20.94		
20	64QAM	50	0	20.32	20.40	20.17	20.07	20.03	21.5	3
20	64QAM	50	24	20.29	20.43	20.17	20.03	19.99		
20	64QAM	50	50	20.42	20.53	20.20	20.08	20.11		
20	64QAM	100	0	20.38	20.52	20.14	20.10	20.03		
20	256QAM	1	0	17.95	17.99	17.99	18.00	17.97	19.5	5
20	256QAM	1	49	18.01	17.96	17.98	17.97	17.95		
20	256QAM	1	99	17.86	17.95	18.02	17.92	17.92		
20	256QAM	50	0	18.18	18.13	18.12	18.09	18.20	19.5	5
20	256QAM	50	24	18.06	18.16	18.13	18.13	18.13		
20	256QAM	50	50	18.29	18.17	18.18	18.28	18.21		
20	256QAM	100	0	18.12	18.14	18.17	18.19	18.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.21	23.44	23.07	22.99	22.93	24.5	0
15	QPSK	1	37	23.11	23.47	23.20	22.98	22.76		
15	QPSK	1	74	23.25	23.40	23.08	22.98	22.80		
15	QPSK	36	0	22.26	22.44	22.11	21.99	21.93	23.5	1
15	QPSK	36	20	22.27	22.30	22.05	21.90	21.95		
15	QPSK	36	39	22.25	22.38	22.07	21.94	21.93		
15	QPSK	75	0	22.31	22.47	22.09	21.99	22.04		
15	16QAM	1	0	22.16	22.49	22.07	21.94	21.98	23.5	1
15	16QAM	1	37	22.28	22.39	22.05	22.01	22.00		
15	16QAM	1	74	22.39	22.27	22.13	21.99	22.08		
15	16QAM	36	0	21.24	21.22	21.03	20.96	20.97	22.5	2
15	16QAM	36	20	21.24	21.36	21.07	21.01	20.98		
15	16QAM	36	39	21.27	21.47	21.03	21.00	20.97		
15	16QAM	75	0	21.27	21.35	21.14	20.94	20.93		
15	64QAM	1	0	21.02	21.13	20.80	20.74	20.72	22.5	2
15	64QAM	1	37	21.05	21.10	20.84	20.67	20.75		
15	64QAM	1	74	21.10	21.20	20.75	20.72	20.87		
15	64QAM	36	0	20.25	20.25	20.09	19.91	19.96	21.5	3
15	64QAM	36	20	20.23	20.35	20.09	19.88	19.92		
15	64QAM	36	39	20.32	20.39	20.09	20.00	19.96		
15	64QAM	75	0	20.26	20.38	19.99	20.00	19.96		
15	256QAM	1	0	17.88	17.90	17.91	17.84	17.90	19.5	5
15	256QAM	1	37	17.96	17.91	17.84	17.92	17.85		
15	256QAM	1	74	17.75	17.88	17.96	17.77	17.76		
15	256QAM	36	0	18.03	18.01	18.02	17.98	18.12	19.5	5
15	256QAM	36	20	17.98	18.04	18.07	17.97	17.97		
15	256QAM	36	39	18.16	18.10	18.07	18.16	18.16		
15	256QAM	75	0	18.02	17.99	18.09	18.11	18.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.24	23.46	23.11	22.96	22.89	24.5	0
10	QPSK	1	25	23.18	23.46	23.20	23.00	22.82		
10	QPSK	1	49	23.31	23.41	22.99	22.99	22.87		
10	QPSK	25	0	22.33	22.42	22.06	21.91	21.94	23.5	1
10	QPSK	25	12	22.23	22.29	22.04	21.93	21.90		
10	QPSK	25	25	22.22	22.39	22.06	21.97	21.92		
10	QPSK	50	0	22.31	22.45	22.06	21.95	22.02		
10	16QAM	1	0	22.19	22.43	22.15	21.88	21.94	23.5	1
10	16QAM	1	25	22.36	22.39	22.10	22.02	21.98		
10	16QAM	1	49	22.33	22.28	22.10	21.95	22.05		
10	16QAM	25	0	21.18	21.28	21.01	21.01	21.04	22.5	2
10	16QAM	25	12	21.24	21.45	21.04	21.05	20.93		
10	16QAM	25	25	21.28	21.43	21.13	21.05	20.93		
10	16QAM	50	0	21.18	21.32	21.12	20.92	20.94		
10	64QAM	1	0	21.04	21.04	20.85	20.80	20.72	22.5	2
10	64QAM	1	25	21.11	21.15	20.80	20.73	20.73		
10	64QAM	1	49	21.12	21.19	20.73	20.79	20.86		
10	64QAM	25	0	20.27	20.31	20.01	19.95	19.87	21.5	3
10	64QAM	25	12	20.23	20.33	20.04	19.89	19.94		
10	64QAM	25	25	20.28	20.38	20.13	19.99	19.99		
10	64QAM	50	0	20.22	20.37	19.98	19.97	19.92		
10	256QAM	1	0	17.89	17.92	17.88	17.90	17.84	19.5	5
10	256QAM	1	25	17.86	17.90	17.90	17.82	17.88		
10	256QAM	1	49	17.81	17.89	17.97	17.83	17.79		
10	256QAM	25	0	18.10	18.06	17.98	17.96	18.07	19.5	5
10	256QAM	25	12	17.93	18.02	17.99	17.97	18.07		
10	256QAM	25	25	18.20	18.11	18.08	18.16	18.14		
10	256QAM	50	0	17.96	18.02	18.02	18.10	18.03		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.17	23.40	23.14	23.00	22.98	24.5	0
5	QPSK	1	12	23.10	23.48	23.15	23.01	22.78		
5	QPSK	1	24	23.31	23.43	23.00	22.99	22.82		
5	QPSK	12	0	22.29	22.46	22.10	21.91	22.02	23.5	1
5	QPSK	12	7	22.25	22.26	22.13	21.97	21.85		
5	QPSK	12	13	22.20	22.35	22.11	21.99	21.90		
5	QPSK	25	0	22.31	22.45	22.03	21.92	21.97		
5	16QAM	1	0	22.22	22.51	22.14	21.98	22.02	23.5	1
5	16QAM	1	12	22.25	22.33	22.14	21.95	21.97		
5	16QAM	1	24	22.40	22.28	22.02	21.94	22.05		
5	16QAM	12	0	21.22	21.27	20.99	20.99	20.95	22.5	2
5	16QAM	12	7	21.25	21.36	21.13	20.99	20.99		
5	16QAM	12	13	21.26	21.41	21.07	21.04	20.99		
5	16QAM	25	0	21.26	21.32	21.10	20.89	21.02		
5	64QAM	1	0	21.01	21.05	20.83	20.80	20.76	22.5	2
5	64QAM	1	12	21.02	21.14	20.88	20.75	20.69		
5	64QAM	1	24	21.10	21.24	20.74	20.79	20.80		
5	64QAM	12	0	20.23	20.34	20.04	19.96	19.93	21.5	3
5	64QAM	12	7	20.22	20.34	20.09	19.87	19.93		
5	64QAM	12	13	20.34	20.41	20.05	19.94	19.98		
5	64QAM	25	0	20.25	20.37	20.05	20.04	19.94		
5	256QAM	1	0	17.87	17.84	17.86	17.86	17.89	19.5	5
5	256QAM	1	12	17.95	17.86	17.87	17.92	17.83		
5	256QAM	1	24	17.75	17.81	17.96	17.78	17.78		
5	256QAM	12	0	18.03	18.04	18.00	17.94	18.09	19.5	5
5	256QAM	12	7	17.91	18.08	18.02	17.99	18.05		
5	256QAM	12	13	18.17	18.10	18.07	18.14	18.12		
5	256QAM	25	0	18.04	17.98	18.04	18.14	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.19	23.11	24.5	0.0
40	PI/2 BPSK	1	108	23.08	23.25	23.21		
40	PI/2 BPSK	1	214	23.11	23.25	23.09		
40	PI/2 BPSK	108	0	22.40	22.52	22.42	24.0	0.5
40	PI/2 BPSK	108	54	23.11	23.28	23.19	24.5	0.0
40	PI/2 BPSK	108	108	22.48	22.54	22.49	24.0	0.5
40	PI/2 BPSK	216	0	22.46	22.58	22.50		
40	QPSK	1	1	23.25	23.34	23.32	24.5	0.0
40	QPSK	1	108	23.22	23.26	23.26		
40	QPSK	1	214	23.20	23.31	23.15		
40	QPSK	108	0	22.67	22.22	22.24	23.5	1.0
40	QPSK	108	54	23.11	23.23	23.01	24.5	0.0
40	QPSK	108	108	22.24	22.00	21.95	23.5	1.0
40	QPSK	216	0	22.03	22.06	21.88		
40	16QAM	1	1	21.57	21.81	21.62	23.5	1.0
40	64QAM	1	1	20.19	20.37	20.29	22.0	2.5
40	256QAM	1	1	18.85	18.99	18.85	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.15	23.12	23.14	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.08	23.14	23.11	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.10	23.14	23.05	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.11	23.22	23.06	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.14	23.22	23.11	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.17	23.18	23.08	24.5	0.0

n66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.63	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.63	23.41	23.38		
40	PI/2 BPSK	1	214	23.62	23.44	23.49		
40	PI/2 BPSK	108	0	23.07	22.97	23.01	24.5	0.5
40	PI/2 BPSK	108	54	23.75	23.55	23.66	25.0	0.0
40	PI/2 BPSK	108	108	23.14	22.97	23.00	24.5	0.5
40	PI/2 BPSK	216	0	23.17	23.04	23.12		
40	QPSK	1	1	23.82	23.96	23.85	25.0	0.0
40	QPSK	1	108	23.80	23.89	23.84		
40	QPSK	1	214	23.68	23.75	23.52		
40	QPSK	108	0	22.50	22.59	22.58	24.0	1.0
40	QPSK	108	54	23.63	23.65	23.47	25.0	0.0
40	QPSK	108	108	22.54	22.71	22.37	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.43		
40	16QAM	1	1	22.29	22.20	22.20	24.0	1.0
40	64QAM	1	1	20.98	20.80	20.92	22.5	2.5
40	256QAM	1	1	19.59	19.41	19.43	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.67	23.86	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	23.65	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.76	23.84	25.0	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	23.66	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.76	23.87	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.87	23.73	23.83	25.0	0.0

n66_Ant 5_Other PA

BW [MHz]	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	22.20	22.31	22.08	23.5	0.0
40	PI/2 BPSK	1	108	22.31	22.26	22.10		
40	PI/2 BPSK	1	214	22.28	22.28	22.15		
40	PI/2 BPSK	108	0	22.16	22.29	22.20	23.5	0.0
40	PI/2 BPSK	108	54	22.20	22.29	22.13	23.5	0.0
40	PI/2 BPSK	108	108	22.29	22.23	22.12		
40	PI/2 BPSK	216	0	22.16	22.26	22.05	23.5	0.0
40	QPSK	1	1	22.27	22.34	22.16		
40	QPSK	1	108	22.10	22.25	21.94	23.5	0.0
40	QPSK	1	214	22.10	22.24	22.10		
40	QPSK	108	0	22.10	22.11	22.05	23.5	0.0
40	QPSK	108	54	22.17	22.27	22.11	23.5	0.0
40	QPSK	108	108	22.16	22.18	22.10		
40	QPSK	216	0	22.06	22.28	22.13	23.5	0.0
40	16QAM	1	1	22.17	22.21	22.05	23.5	0.0
40	64QAM	1	1	21.26	21.27	21.30	23.0	0.5
40	256QAM	1	1	20.00	20.04	19.87	21.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.28	22.30	22.09	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.24	22.27	22.05	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.23	22.24	22.11	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.22	22.26	22.12	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.29	22.21	22.14	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.28	22.26	22.07	23.5	0.0

n66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.70	23.75	23.56	25.5	0.0
40	PI/2 BPSK	1	108	23.60	23.73	23.57		
40	PI/2 BPSK	1	214	23.65	23.61	23.61		
40	PI/2 BPSK	108	0	23.09	23.19	23.05	25.0	0.5
40	PI/2 BPSK	108	54	23.66	23.73	23.66	25.5	0.0
40	PI/2 BPSK	108	108	23.07	23.16	23.06	25.0	0.5
40	PI/2 BPSK	216	0	23.02	23.16	23.11		
40	QPSK	1	1	23.79	23.88	23.68	25.5	0.0
40	QPSK	1	108	23.78	23.86	23.59		
40	QPSK	1	214	23.65	23.79	23.57		
40	QPSK	108	0	22.69	22.66	22.55	24.5	1.0
40	QPSK	108	54	23.68	23.72	23.61	25.5	0.0
40	QPSK	108	108	22.53	22.66	22.51	24.5	1.0
40	QPSK	216	0	22.55	22.61	22.60		
40	16QAM	1	1	22.54	22.50	22.52	24.5	1.0
40	64QAM	1	1	21.02	21.09	21.05	23.0	2.5
40	256QAM	1	1	19.45	19.58	19.40	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.59	23.59	23.61	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.56	23.68	23.58	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.52	23.57	23.54	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.61	23.64	23.52	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.56	23.60	23.55	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.60	23.61	25.5	0.0

Reduced Power Mode for Other PA ECI5

Band 2_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.84	18.95	18.89		
20	QPSK	1	49	18.80	18.88	18.78	20	0
20	QPSK	1	99	18.82	18.73	18.75		
20	QPSK	50	0	18.69	18.74	18.56		
20	QPSK	50	24	18.68	18.57	18.47	20	0
20	QPSK	50	50	18.58	18.51	18.34		
20	QPSK	100	0	18.66	18.71	18.41		
20	16QAM	1	0	18.65	18.77	18.70		
20	16QAM	1	49	18.61	18.54	18.53	20	0
20	16QAM	1	99	18.72	18.59	18.54		
20	16QAM	50	0	18.59	18.58	18.49		
20	16QAM	50	24	18.59	18.65	18.48	20	0
20	16QAM	50	50	18.53	18.53	18.44		
20	16QAM	100	0	18.56	18.52	18.35		
20	64QAM	1	0	18.60	18.61	18.54		
20	64QAM	1	49	18.66	18.63	18.48	20	0
20	64QAM	1	99	18.63	18.43	18.50		
20	64QAM	50	0	18.63	18.61	18.47		
20	64QAM	50	24	18.59	18.47	18.49	20	0
20	64QAM	50	50	18.69	18.50	18.40		
20	64QAM	100	0	18.63	18.56	18.36		
20	256QAM	1	0	17.97	17.89	17.85		
20	256QAM	1	49	17.99	18.00	17.98	19	1
20	256QAM	1	99	17.92	17.90	17.93		
20	256QAM	50	0	17.65	17.79	17.82		
20	256QAM	50	24	17.70	17.70	17.76	19	1
20	256QAM	50	50	17.72	17.80	17.79		
20	256QAM	100	0	17.70	17.79	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.83	18.77	18.74		
15	QPSK	1	37	18.71	18.77	18.65	20	0
15	QPSK	1	74	18.76	18.64	18.70		
15	QPSK	36	0	18.53	18.58	18.34		
15	QPSK	36	20	18.52	18.43	18.32	20	0
15	QPSK	36	39	18.44	18.37	18.26		
15	QPSK	75	0	18.60	18.55	18.35		
15	16QAM	1	0	18.53	18.72	18.63		
15	16QAM	1	37	18.54	18.38	18.43	20	0
15	16QAM	1	74	18.57	18.52	18.46		
15	16QAM	36	0	18.45	18.50	18.40		
15	16QAM	36	20	18.48	18.51	18.42	20	0
15	16QAM	36	39	18.44	18.47	18.39		
15	16QAM	75	0	18.48	18.44	18.23		
15	64QAM	1	0	18.47	18.46	18.41		
15	64QAM	1	37	18.54	18.52	18.34	20	0
15	64QAM	1	74	18.52	18.28	18.45		
15	64QAM	36	0	18.49	18.49	18.37		
15	64QAM	36	20	18.43	18.34	18.40	20	0
15	64QAM	36	39	18.59	18.41	18.26		
15	64QAM	75	0	18.58	18.51	18.30		
15	256QAM	1	0	17.87	17.83	17.70		
15	256QAM	1	37	17.88	17.88	17.88	19	1
15	256QAM	1	74	17.76	17.83	17.85		
15	256QAM	36	0	17.49	17.70	17.69		
15	256QAM	36	20	17.61	17.57	17.63	19	1
15	256QAM	36	39	17.63	17.70	17.72		
15	256QAM	75	0	17.57	17.72	17.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.80	18.83	18.75		
10	QPSK	1	25	18.70	18.76	18.70	20	0
10	QPSK	1	49	18.76	18.57	18.62		
10	QPSK	25	0	18.47	18.68	18.32		
10	QPSK	25	12	18.56	18.51	18.33	20	0
10	QPSK	25	25	18.52	18.39	18.27		
10	QPSK	50	0	18.54	18.61	18.30		
10	16QAM	1	0	18.56	18.67	18.54		
10	16QAM	1	25	18.52	18.44	18.48	20	0
10	16QAM	1	49	18.65	18.49	18.38		
10	16QAM	25	0	18.44	18.49	18.44		
10	16QAM	25	12	18.54	18.58	18.43	20	0
10	16QAM	25	25	18.40	18.42	18.33		
10	16QAM	50	0	18.45	18.44	18.24		
10	64QAM	1	0	18.49	18.55	18.44		
10	64QAM	1	25	18.58	18.51	18.38	20	0
10	64QAM	1	49	18.52	18.29	18.45		
10	64QAM	25	0	18.54	18.46	18.40		
10	64QAM	25	12	18.51	18.37	18.42	20	0
10	64QAM	25	25	18.57	18.39	18.31		
10	64QAM	50	0	18.51	18.49	18.20		
10	256QAM	1	0	17.87	17.83	17.77		
10	256QAM	1	25	17.87	17.93	17.91	19	1
10	256QAM	1	49	17.80	17.79	17.88		
10	256QAM	25	0	17.51	17.71	17.69		
10	256QAM	25	12	17.55	17.57	17.66	19	1
10	256QAM	25	25	17.67	17.72	17.65		
10	256QAM	50	0	17.57	17.72	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.81	18.83	18.84		
5	QPSK	1	12	18.69	18.72	18.69	20	0
5	QPSK	1	24	18.73	18.60	18.69		
5	QPSK	12	0	18.51	18.60	18.39		
5	QPSK	12	7	18.56	18.50	18.38	20	0
5	QPSK	12	13	18.48	18.38	18.20		
5	QPSK	25	0	18.61	18.56	18.30		
5	16QAM	1	0	18.51	18.65	18.58		
5	16QAM	1	12	18.45	18.39	18.47	20	0
5	16QAM	1	24	18.57	18.54	18.48		
5	16QAM	12	0	18.51	18.51	18.35		
5	16QAM	12	7	18.46	18.56	18.34	20	0
5	16QAM	12	13	18.45	18.42	18.33		
5	16QAM	25	0	18.47	18.45	18.26		
5	64QAM	1	0	18.46	18.49	18.40		
5	64QAM	1	12	18.50	18.58	18.39	20	0
5	64QAM	1	24	18.53	18.31	18.38		
5	64QAM	12	0	18.52	18.52	18.38		
5	64QAM	12	7	18.46	18.41	18.33	20	0
5	64QAM	12	13	18.56	18.42	18.34		
5	64QAM	25	0	18.56	18.45	18.28		
5	256QAM	1	0	17.90	17.84	17.70		
5	256QAM	1	12	17.92	17.92	17.90	19	1
5	256QAM	1	24	17.86	17.74	17.87		
5	256QAM	12	0	17.50	17.74	17.68		
5	256QAM	12	7	17.57	17.59	17.63	19	1
5	256QAM	12	13	17.59	17.72	17.73		
5	256QAM	25	0	17.63	17.68	17.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.82	18.78	18.77		
3	QPSK	1	8	18.66	18.78	18.66	20	0
3	QPSK	1	14	18.73	18.61	18.59		
3	QPSK	8	0	18.52	18.60	18.33		
3	QPSK	8	4	18.58	18.51	18.36	20	0
3	QPSK	8	7	18.42	18.35	18.20		
3	QPSK	15	0	18.55	18.64	18.25		
3	16QAM	1	0	18.57	18.67	18.57		
3	16QAM	1	8	18.53	18.44	18.45	20	0
3	16QAM	1	14	18.66	18.44	18.40		
3	16QAM	8	0	18.52	18.42	18.44		
3	16QAM	8	4	18.53	18.57	18.37	20	0
3	16QAM	8	7	18.42	18.44	18.32		
3	16QAM	15	0	18.51	18.37	18.19		
3	64QAM	1	0	18.50	18.56	18.41		
3	64QAM	1	8	18.51	18.57	18.38	20	0
3	64QAM	1	14	18.47	18.27	18.42		
3	64QAM	8	0	18.57	18.48	18.38		
3	64QAM	8	4	18.60	18.33	18.34	20	0
3	64QAM	8	7	18.60	18.34	18.33		
3	64QAM	15	0	18.58	18.48	18.27		
3	256QAM	1	0	17.81	17.76	17.72		
3	256QAM	1	8	17.85	17.86	17.91	19	1
3	256QAM	1	14	17.85	17.78	17.85		
3	256QAM	8	0	17.51	17.72	17.73		
3	256QAM	8	4	17.57	17.54	17.67	19	1
3	256QAM	8	7	17.56	17.70	17.65		
3	256QAM	15	0	17.58	17.74	17.55		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.89	18.81	18.82		
1.4	QPSK	1	3	18.75	18.75	18.62		
1.4	QPSK	1	5	18.66	18.60	18.63	20	0
1.4	QPSK	3	0	18.52	18.61	18.31		
1.4	QPSK	3	1	18.59	18.42	18.36		
1.4	QPSK	3	3	18.49	18.40	18.29		
1.4	QPSK	6	0	18.59	18.62	18.27	20	0
1.4	16QAM	1	0	18.51	18.67	18.55		
1.4	16QAM	1	3	18.48	18.47	18.44		
1.4	16QAM	1	5	18.67	18.44	18.43	20	0
1.4	16QAM	3	0	18.50	18.46	18.36		
1.4	16QAM	3	1	18.53	18.51	18.36		
1.4	16QAM	3	3	18.39	18.41	18.29		
1.4	16QAM	6	0	18.42	18.47	18.28	20	0
1.4	64QAM	1	0	18.49	18.47	18.39		
1.4	64QAM	1	3	18.55	18.53	18.42		
1.4	64QAM	1	5	18.52	18.27	18.38	20	0
1.4	64QAM	3	0	18.56	18.55	18.42		
1.4	64QAM	3	1	18.49	18.37	18.37		
1.4	64QAM	3	3	18.57	18.36	18.24		
1.4	64QAM	6	0	18.52	18.40	18.21	20	0
1.4	256QAM	1	0	17.85	17.81	17.77		
1.4	256QAM	1	3	17.88	17.86	17.93		
1.4	256QAM	1	5	17.85	17.78	17.77	19	1
1.4	256QAM	3	0	17.53	17.66	17.68		
1.4	256QAM	3	1	17.59	17.54	17.61		
1.4	256QAM	3	3	17.59	17.64	17.73		
1.4	256QAM	6	0	17.64	17.73	17.59	19	1

Band 2_Ant 2_Other PA

BW [MHz]	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	22.39	22.67	22.66		
20	QPSK	1	49	22.34	22.40	22.59	24	0
20	QPSK	1	99	22.16	22.55	22.65		
20	QPSK	50	0	22.26	22.57	22.49		
20	QPSK	50	24	22.19	22.54	22.35	24	0
20	QPSK	50	50	22.16	22.40	22.48		
20	QPSK	100	0	22.28	22.50	22.30		
20	16QAM	1	0	22.40	22.66	22.55		
20	16QAM	1	49	22.48	22.57	22.50	24	0
20	16QAM	1	99	22.35	22.37	22.49		
20	16QAM	50	0	21.66	21.71	21.63		
20	16QAM	50	24	21.58	21.63	21.63	23	1
20	16QAM	50	50	21.54	21.54	21.56		
20	16QAM	100	0	21.53	21.60	21.56		
20	64QAM	1	0	21.66	21.83	21.72		
20	64QAM	1	49	21.76	21.81	21.66	23	1
20	64QAM	1	99	21.62	21.66	21.70		
20	64QAM	50	0	20.66	20.64	20.67		
20	64QAM	50	24	20.59	20.67	20.54	22	2
20	64QAM	50	50	20.56	20.55	20.60		
20	64QAM	100	0	20.60	20.63	20.61		
20	256QAM	1	0	18.78	18.71	18.75		
20	256QAM	1	49	18.59	18.65	18.66	20	4
20	256QAM	1	99	18.58	18.57	18.62		
20	256QAM	50	0	18.66	18.45	18.46		
20	256QAM	50	24	18.45	18.46	18.66	20	4
20	256QAM	50	50	18.47	18.53	18.45		
20	256QAM	100	0	18.40	18.45	18.63		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.23	22.58	22.55		
15	QPSK	1	37	22.25	22.30	22.53	24	0
15	QPSK	1	74	22.02	22.50	22.55		
15	QPSK	36	0	22.21	22.51	22.39		
15	QPSK	36	20	22.05	22.49	22.27	24	0
15	QPSK	36	39	22.05	22.30	22.41		
15	QPSK	75	0	22.12	22.40	22.24		
15	16QAM	1	0	22.22	22.54	22.47		
15	16QAM	1	37	22.38	22.49	22.36	24	0
15	16QAM	1	74	22.26	22.30	22.35		
15	16QAM	36	0	21.60	21.55	21.54		
15	16QAM	36	20	21.45	21.49	21.49	23	1
15	16QAM	36	39	21.46	21.45	21.44		
15	16QAM	75	0	21.41	21.49	21.44		
15	64QAM	1	0	21.51	21.69	21.67		
15	64QAM	1	37	21.70	21.68	21.57	23	1
15	64QAM	1	74	21.54	21.50	21.63		
15	64QAM	36	0	20.61	20.49	20.57		
15	64QAM	36	20	20.44	20.58	20.38	22	2
15	64QAM	36	39	20.40	20.48	20.48		
15	64QAM	75	0	20.52	20.48	20.52		
15	256QAM	1	0	18.63	18.65	18.62		
15	256QAM	1	37	18.50	18.59	18.57	20	4
15	256QAM	1	74	18.49	18.46	18.53		
15	256QAM	36	0	18.56	18.33	18.33		
15	256QAM	36	20	18.37	18.39	18.54	20	4
15	256QAM	36	39	18.33	18.43	18.39		
15	256QAM	75	0	18.31	18.40	18.57		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.29	22.54	22.49		
10	QPSK	1	25	22.20	22.27	22.48	24	0
10	QPSK	1	49	22.10	22.39	22.50		
10	QPSK	25	0	22.16	22.41	22.30		
10	QPSK	25	12	22.06	22.39	22.20	24	0
10	QPSK	25	25	22.07	22.33	22.32		
10	QPSK	50	0	22.20	22.36	22.25		
10	16QAM	1	0	22.33	22.54	22.41		
10	16QAM	1	25	22.41	22.43	22.44	24	0
10	16QAM	1	49	22.24	22.30	22.35		
10	16QAM	25	0	21.61	21.57	21.47		
10	16QAM	25	12	21.47	21.53	21.49	23	1
10	16QAM	25	25	21.43	21.41	21.50		
10	16QAM	50	0	21.44	21.55	21.51		
10	64QAM	1	0	21.54	21.67	21.67		
10	64QAM	1	25	21.61	21.70	21.50	23	1
10	64QAM	1	49	21.56	21.53	21.57		
10	64QAM	25	0	20.55	20.58	20.58		
10	64QAM	25	12	20.43	20.51	20.47	22	2
10	64QAM	25	25	20.49	20.43	20.47		
10	64QAM	50	0	20.54	20.56	20.53		
10	256QAM	1	0	18.73	18.65	18.64		
10	256QAM	1	25	18.49	18.51	18.57	20	4
10	256QAM	1	49	18.42	18.46	18.49		
10	256QAM	25	0	18.55	18.33	18.31		
10	256QAM	25	12	18.38	18.31	18.58	20	4
10	256QAM	25	25	18.42	18.42	18.37		
10	256QAM	50	0	18.39	18.30	18.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.25	22.57	22.54		
5	QPSK	1	12	22.24	22.30	22.43	24	0
5	QPSK	1	24	22.04	22.47	22.51		
5	QPSK	12	0	22.17	22.49	22.29		
5	QPSK	12	7	22.09	22.40	22.21	24	0
5	QPSK	12	13	22.03	22.35	22.43		
5	QPSK	25	0	22.18	22.36	22.25		
5	16QAM	1	0	22.28	22.52	22.50		
5	16QAM	1	12	22.32	22.47	22.35	24	0
5	16QAM	1	24	22.29	22.27	22.34		
5	16QAM	12	0	21.60	21.56	21.53		
5	16QAM	12	7	21.52	21.55	21.49	23	1
5	16QAM	12	13	21.49	21.48	21.47		
5	16QAM	25	0	21.40	21.46	21.42		
5	64QAM	1	0	21.72	21.70	21.62		
5	64QAM	1	12	21.62	21.73	21.52	23	1
5	64QAM	1	24	21.53	21.59	21.60		
5	64QAM	12	0	20.59	20.54	20.57		
5	64QAM	12	7	20.49	20.62	20.40	22	2
5	64QAM	12	13	20.46	20.39	20.50		
5	64QAM	25	0	20.53	20.58	20.45		
5	256QAM	1	0	18.72	18.61	18.67		
5	256QAM	1	12	18.49	18.51	18.58	20	4
5	256QAM	1	24	18.53	18.52	18.56		
5	256QAM	12	0	18.53	18.32	18.36		
5	256QAM	12	7	18.29	18.34	18.54	20	4
5	256QAM	12	13	18.38	18.45	18.37		
5	256QAM	25	0	18.33	18.30	18.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.30	22.49	22.54		
3	QPSK	1	8	22.24	22.33	22.43	24	0
3	QPSK	1	14	22.03	22.47	22.60		
3	QPSK	8	0	22.12	22.45	22.33		
3	QPSK	8	4	22.05	22.42	22.30	24	0
3	QPSK	8	7	22.07	22.35	22.36		
3	QPSK	15	0	22.16	22.36	22.15		
3	16QAM	1	0	22.32	22.55	22.45		
3	16QAM	1	8	22.41	22.44	22.37	24	0
3	16QAM	1	14	22.27	22.25	22.40		
3	16QAM	8	0	21.58	21.58	21.58		
3	16QAM	8	4	21.49	21.57	21.53	23	1
3	16QAM	8	7	21.45	21.41	21.50		
3	16QAM	15	0	21.37	21.54	21.45		
3	64QAM	1	0	21.66	21.78	21.56		
3	64QAM	1	8	21.62	21.67	21.60	23	1
3	64QAM	1	14	21.52	21.53	21.58		
3	64QAM	8	0	20.52	20.55	20.56		
3	64QAM	8	4	20.47	20.52	20.49	22	2
3	64QAM	8	7	20.43	20.45	20.50		
3	64QAM	15	0	20.51	20.51	20.50		
3	256QAM	1	0	18.69	18.57	18.64		
3	256QAM	1	8	18.53	18.51	18.52	20	4
3	256QAM	1	14	18.53	18.47	18.53		
3	256QAM	8	0	18.55	18.29	18.36		
3	256QAM	8	4	18.40	18.37	18.50	20	4
3	256QAM	8	7	18.31	18.40	18.29		
3	256QAM	15	0	18.29	18.30	18.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.25	22.52	22.53		
1.4	QPSK	1	3	22.29	22.34	22.52		
1.4	QPSK	1	5	22.03	22.46	22.58	24	0
1.4	QPSK	3	0	22.13	22.47	22.33		
1.4	QPSK	3	1	22.12	22.38	22.29		
1.4	QPSK	3	3	22.08	22.26	22.39		
1.4	QPSK	6	0	22.22	22.41	22.16	24	0
1.4	16QAM	1	0	22.28	22.54	22.42		
1.4	16QAM	1	3	22.37	22.42	22.34		
1.4	16QAM	1	5	22.19	22.21	22.34	24	0
1.4	16QAM	3	0	22.11	22.49	22.53		
1.4	16QAM	3	1	22.18	22.51	22.40		
1.4	16QAM	3	3	22.06	22.41	22.20		
1.4	16QAM	6	0	21.37	21.47	21.41	23	1
1.4	64QAM	1	0	21.54	21.68	21.64		
1.4	64QAM	1	3	21.61	21.73	21.59		
1.4	64QAM	1	5	21.55	21.59	21.60	23	1
1.4	64QAM	3	0	21.46	21.53	21.58		
1.4	64QAM	3	1	21.39	21.44	21.47		
1.4	64QAM	3	3	21.37	21.47	21.43		
1.4	64QAM	6	0	20.44	20.53	20.53	22	2
1.4	256QAM	1	0	18.71	18.58	18.68		
1.4	256QAM	1	3	18.43	18.50	18.57		
1.4	256QAM	1	5	18.53	18.51	18.56	20	4
1.4	256QAM	3	0	18.61	18.34	18.39		
1.4	256QAM	3	1	18.34	18.31	18.59		
1.4	256QAM	3	3	18.33	18.46	18.39		
1.4	256QAM	6	0	18.34	18.33	18.57	20	4

Band 2_Ant 5_Other PA

BW [MHz]	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	19.30	19.31	19.27		
20	QPSK	1	49	19.26	19.18	19.07	20.5	0
20	QPSK	1	99	19.16	19.11	19.09		
20	QPSK	50	0	19.14	19.15	19.09		
20	QPSK	50	24	18.98	19.09	19.03	20.5	0
20	QPSK	50	50	18.97	18.95	18.86		
20	QPSK	100	0	18.89	19.02	18.87		
20	16QAM	1	0	19.14	19.13	19.09		
20	16QAM	1	49	19.16	19.13	19.00	20.5	0
20	16QAM	1	99	19.12	18.99	19.02		
20	16QAM	50	0	18.97	19.06	18.89		
20	16QAM	50	24	19.02	19.01	18.85	20.5	0
20	16QAM	50	50	18.95	18.88	18.96		
20	16QAM	100	0	19.12

Band 2_Ant 3_Other PA

BW [MHz]	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)				1880	1900			
20	QPSK	1	0	18.77	18.91	18.69		
20	QPSK	1	49	18.75	18.72	18.61	20.5	0
20	QPSK	1	99	18.76	18.76	18.60		
20	QPSK	50	0	18.59	18.60	18.57		
20	QPSK	50	24	18.57	18.55	18.56	20.5	0
20	QPSK	50	50	18.55	18.53	18.52		
20	QPSK	100	0	18.60	18.67	18.54		
20	16QAM	1	0	18.52	18.63	18.56		
20	16QAM	1	49	18.66	18.66	18.58	20.5	0
20	16QAM	1	99	18.70	18.52	18.67		
20	16QAM	50	0	18.61	18.57	18.64		
20	16QAM	50	24	18.63	18.58	18.61	20.5	0
20	16QAM	50	50	18.66	18.51	18.57		
20	16QAM	100	0	18.62	18.51	18.56		
20	64QAM	1	0	18.64	18.66	18.58		
20	64QAM	1	49	18.62	18.58	18.58	20.5	0
20	64QAM	1	99	18.55	18.62	18.61		
20	64QAM	50	0	18.64	18.55	18.63		
20	64QAM	50	24	18.60	18.67	18.57	20.5	0
20	64QAM	50	50	18.66	18.50	18.62		
20	64QAM	100	0	18.66	18.62	18.50		
20	256QAM	1	0	18.27	18.32	18.38		
20	256QAM	1	49	18.29	18.20	18.39	20	0.5
20	256QAM	1	99	18.31	18.24	18.29		
20	256QAM	50	0	18.27	18.16	18.27		
20	256QAM	50	24	18.17	18.12	18.10	20	0.5
20	256QAM	50	50	18.22	18.16	18.20		
20	256QAM	100	0	18.17	18.10	18.18		
Channel				18975	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.61	18.84	18.60		
15	QPSK	1	37	18.68	18.65	18.53	20.5	0
15	QPSK	1	74	18.65	18.71	18.65		
15	QPSK	36	0	18.51	18.64	18.66		
15	QPSK	36	20	18.66	18.61	18.63	20.5	0
15	QPSK	36	39	18.58	18.59	18.63		
15	QPSK	75	0	18.50	18.51	18.62		
15	16QAM	1	0	18.62	18.52	18.51		
15	16QAM	1	37	18.50	18.52	18.65	20.5	0
15	16QAM	1	74	18.58	18.54	18.52		
15	16QAM	36	0	18.53	18.66	18.58		
15	16QAM	36	20	18.53	18.51	18.52	20.5	0
15	16QAM	36	39	18.50	18.59	18.52		
15	16QAM	75	0	18.54	18.53	18.52		
15	64QAM	1	0	18.54	18.55	18.61		
15	64QAM	1	37	18.51	18.64	18.53	20.5	0
15	64QAM	1	74	18.61	18.53	18.53		
15	64QAM	36	0	18.67	18.67	18.52		
15	64QAM	36	20	18.62	18.59	18.52	20.5	0
15	64QAM	36	39	18.57	18.57	18.54		
15	64QAM	75	0	18.50	18.64	18.62		
15	256QAM	1	0	18.14	18.27	18.23		
15	256QAM	1	37	18.13	18.07	18.23	20	0.5
15	256QAM	1	74	18.25	18.13	18.16		
15	256QAM	36	0	18.11	18.04	18.16		
15	256QAM	36	20	18.04	18.16	18.15	20	0.5
15	256QAM	36	39	18.08	18.02	18.06		
15	256QAM	75	0	18.09	18.02	18.11		
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.64	18.80	18.58		
10	QPSK	1	25	18.65	18.63	18.50	20.5	0
10	QPSK	1	49	18.60	18.61	18.66		
10	QPSK	25	0	18.56	18.62	18.51		
10	QPSK	25	12	18.62	18.66	18.60	20.5	0
10	QPSK	25	25	18.50	18.61	18.65		
10	QPSK	50	0	18.50	18.57	18.57		
10	16QAM	1	0	18.63	18.58	18.60		
10	16QAM	1	25	18.57	18.58	18.61	20.5	0
10	16QAM	1	49	18.58	18.64	18.53		
10	16QAM	25	0	18.55	18.67	18.52		
10	16QAM	25	12	18.55	18.51	18.52	20.5	0
10	16QAM	25	25	18.53	18.57	18.50		
10	16QAM	50	0	18.54	18.54	18.52		
10	64QAM	1	0	18.59	18.59	18.66		
10	64QAM	1	25	18.54	18.61	18.65	20.5	0
10	64QAM	1	49	18.58	18.53	18.50		
10	64QAM	25	0	18.59	18.60	18.52		
10	64QAM	25	12	18.63	18.61	18.50	20.5	0
10	64QAM	25	25	18.60	18.53	18.53		
10	64QAM	50	0	18.66	18.51	18.61		
10	256QAM	1	0	18.14	18.19	18.45		
10	256QAM	1	25	18.17	18.09	18.25	20	0.5
10	256QAM	1	49	18.24	18.08	18.14		
10	256QAM	25	0	18.18	18.06	18.16		
10	256QAM	25	12	18.03	18.15	18.01	20	0.5
10	256QAM	25	25	18.12	18.06	18.08		
10	256QAM	50	0	18.12	18.17	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.64	18.78	18.56		
5	QPSK	1	12	18.61	18.66	18.55	20.5	0
5	QPSK	1	24	18.69	18.76	18.53		
5	QPSK	12	0	18.71	18.78	18.61		
5	QPSK	12	7	18.62	18.59	18.68	20.5	0
5	QPSK	12	13	18.68	18.66	18.62		
5	QPSK	25	0	18.64	18.71	18.57		
5	16QAM	1	0	18.65	18.67	18.69		
5	16QAM	1	12	18.68	18.73	18.66	20.5	0
5	16QAM	1	24	18.72	18.58	18.53		
5	16QAM	12	0	18.74	18.62	18.52		
5	16QAM	12	7	18.70	18.63	18.56	20.5	0
5	16QAM	12	13	18.79	18.59	18.53		
5	16QAM	25	0	18.73	18.61	18.55		
5	64QAM	1	0	18.59	18.76	18.70		
5	64QAM	1	12	18.69	18.61	18.60	20.5	0
5	64QAM	1	24	18.59	18.53	18.55		
5	64QAM	12	0	18.71	18.63	18.56		
5	64QAM	12	7	18.68	18.54	18.59	20.5	0
5	64QAM	12	13	18.79	18.60	18.53		
5	64QAM	25	0	18.63	18.67	18.58		
5	256QAM	1	0	18.14	18.16	18.30		
5	256QAM	1	12	18.18	18.13	18.27	20	0.5
5	256QAM	1	24	18.22	18.12	18.21		
5	256QAM	12	0	18.15	18.03	18.12		
5	256QAM	12	7	18.12	18.03	18.03	20	0.5
5	256QAM	12	13	18.11	18.07	18.07		
5	256QAM	25	0	18.07	18.12	18.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.66	18.78	18.57		
3	QPSK	1	8	18.63	18.56	18.52	20.5	0
3	QPSK	1	14	18.69	18.67	18.52		
3	QPSK	8	0	18.65	18.75	18.67		
3	QPSK	8	4	18.68	18.60	18.59	20.5	0
3	QPSK	8	7	18.63	18.65	18.65		
3	QPSK	15	0	18.70	18.70	18.67		
3	16QAM	1	0	18.63	18.68	18.66		
3	16QAM	1	8	18.78	18.74	18.62	20.5	0
3	16QAM	1	14	18.78	18.64	18.54		
3	16QAM	8	0	18.74	18.65	18.58		
3	16QAM	8	4	18.71	18.61	18.54	20.5	0
3	16QAM	8	7	18.77	18.58	18.55		
3	16QAM	15	0	18.74	18.61	18.53		
3	64QAM	1	0	18.59	18.78	18.62		
3	64QAM	1	8	18.72	18.65	18.61	20.5	0
3	64QAM	1	14	18.60	18.54	18.52		
3	64QAM	8	0	18.76	18.60	18.56		
3	64QAM	8	4	18.64	18.54	18.70	20.5	0
3	64QAM	8	7	18.72	18.54	18.55		
3	64QAM	15	0	18.65	18.64	18.54		
3	256QAM	1	0	18.17	18.20	18.26		
3	256QAM	1	8	18.29	18.07	18.34	20	0.5
3	256QAM	1	14	18.15	18.08	18.13		
3	256QAM	8	0	18.20	18.06	18.19		
3	256QAM	8	4	18.03	18.03	18.17	20	0.5
3	256QAM	8	7	18.06	18.06	18.07		
3	256QAM	15	0	18.06	18.16	18.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.66	18.78	18.59		
1.4	QPSK	1	3	18.68	18.58	18.54		
1.4	QPSK	1	5	18.71	18.68	18.50	20.5	0
1.4	QPSK	3	0	18.63	18.80	18.62		
1.4	QPSK	3	1	18.70	18.59	18.60		
1.4	QPSK	3	3	18.59	18.55	18.64		
1.4	QPSK	6	0	18.67	18.72	18.58	20.5	0
1.4	16QAM	1	0	18.62	18.65	18.64		
1.4	16QAM	1	3	18.79	18.75	18.63		
1.4	16QAM	1	5	18.62	18.54	18.60	20.5	0
1.4	16QAM	3	0	18.71	18.68	18.53		
1.4	16QAM	3	1	18.73	18.63	18.50		
1.4	16QAM	3	3	18.79	18.62	18.51		
1.4	16QAM	6	0	18.72	18.61	18.53	20.5	0
1.4	64QAM	1	0	18.61	18.61	18.61		
1.4	64QAM	1	3	18.67	18.69	18.68		
1.4	64QAM	1	5	18.57	18.51	18.57	20.5	0
1.4	64QAM	3	0	18.77	18.68	18.58		
1.4	64QAM	3	1	18.71	18.56	18.60		
1.4	64QAM	3	3	18.75	18.52	18.51		
1.4	64QAM	6	0	18.61	18.75	18.55	20.5	0
1.4	256QAM	1	0	18.18	18.17	18.32		
1.4	256QAM	1	3	18.17	18.15	18.32		
1.4	256QAM	1	5	18.15	18.19	18.20	20	0.5
1.4	256QAM	3	0	18.15	18.04	18.15		
1.4	256QAM	3	1	18.06	18.17	18.03		
1.4	256QAM	3	3	18.07	18.24	18.12		
1.4	256QAM	6	0	18.06	18.15	18.07	20	0.5

Band 4_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.54	16.58	16.42		
20	QPSK	1	49	16.53	16.39	16.39	17.5	0
20	QPSK	1	99	16.40	16.34	16.31		
20	QPSK	50	0	16.24	16.23	16.13		
20	QPSK	50	24	16.21	16.14	16.12	17.5	0
20	QPSK	50	50	16.23	16.12	16.05		
20	QPSK	100	0	16.27	16.28	16.18		
20	16QAM	1	0	16.43	16.36	16.30		
20	16QAM	1	49	16.40	16.34	16.33	17.5	0
20	16QAM	1	99	16.31	16.21	16.17		
20	16QAM	50	0	16.18	16.14	16.16		
20	16QAM	50	24	16.22	16.11	16.05	17.5	0
20	16QAM	50	50	16.13	16.11	16.05		
20	16QAM	100	0	16.23	16.09	16.12		
20	64QAM	1	0	16.26	16.31	16.28		
20	64QAM	1	49	16.25	16.19	16.22	17.5	0
20	64QAM	1	99	16.12	16.14	16.06		
20	64QAM	50	0	16.23	16.20	16.13		
20	64QAM	50	24	16.18	16.18	16.12	17.5	0
20	64QAM	50	50	16.12	16.20	16.06		
20	64QAM	100	0	16.17	16.13	16.13		
20	256QAM	1	0	16.35	16.27	16.14		
20	256QAM	1	49	16.18	16.16	16.21	17.5	0
20	256QAM	1	99	16.25	16.26	16.19		
20	256QAM	50	0	16.12	16.14	16.06		
20	256QAM	50	24	16.00	16.11	16.18	17.5	0
20	256QAM	50	50	16.11	16.16	16.18		
20	256QAM	100	0	16.14	16.06	16.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.49	16.52	16.29		
15	QPSK	1	37	16.46	16.23	16.23	17.5	0
15	QPSK	1	74	16.27	16.20	16.26		
15	QPSK	36	0	16.14	16.21	16.03		
15	QPSK	36	20	16.11	15.98	16.00	17.5	0
15	QPSK	36	39	16.35	16.01	16.06		
15	QPSK	75	0	16.22	16.07	16.06		
15	16QAM	1	0	16.35	16.21	16.28		
15	16QAM	1	37	16.30	16.21	16.20	17.5	0
15	16QAM	1	74	16.26	16.08	16.01		
15	16QAM	36	0	16.10	15.98	16.08		
15	16QAM	36	20	16.08	15.98	16.05	17.5	0
15	16QAM	36	39	16.04	15.96	15.99		
15	16QAM	75	0	16.14	15.93	16.02		
15	64QAM	1	0	16.21	16.23	16.13		
15	64QAM	1	37	16.17	16.13	16.17	17.5	0
15	64QAM	1	74	16.04	16.12	15.99		
15	64QAM	36	0	16.11	16.15	16.00		
15	64QAM	36	20	16.03	16.06	16.05		
15	64QAM	36	39	15.98	16.04	16.01	17.5	0
15	64QAM	75	0	16.09	16.01	16.08		
15	256QAM	1	0	16.21	16.13	16.07		
15	256QAM	1	37	16.03	16.02	16.07	17.5	0
15	256QAM	1	74	16.10	16.15	16.05		
15	256QAM	36	0	16.06	16.01	15.98		
15	256QAM	36	20	15.90	15.99	16.08	17.5	0
15	256QAM	36	39	16.00	16.01	16.05		
15	256QAM	75	0	15.98	15.98	16.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.49	16.42	16.28		
10	QPSK	1	25	16.42	16.30	16.31	17.5	0
10	QPSK	1	49	16.31	16.28	16.21		
10	QPSK	25	0	16.29	16.24	16.06		
10	QPSK	25	12	16.15	16.03	15.99	17.5	0
10	QPSK	25	25	16.07	16.04	16.00		
10	QPSK	50	0	16.19	16.08	16.12		
10	16QAM	1	0	16.38	16.25	16.29		
10	16QAM	1	25	16.29	16.21	16.22	17.5	0
10	16QAM	1	49	16.26	16.09	16.06		
10	16QAM	25	0	16.03	16.03	16.05		
10	16QAM	25	12	16.07	16.02	16.00	17.5	0
10	16QAM	25	25	16.06	15.99	15.91		
10	16QAM	50	0	16.14	16.01	16.07		
10	64QAM	1	0	16.13	16.23	16.21		
10	64QAM	1	25	16.14	16.13	16.17	17.5	0
10	64QAM	1	49	16.02	16.09	15.98		
10	64QAM	25	0	16.10	16.09	16.04		
10	64QAM	25	12	16.12	16.04	16.07	17.5	0
10	64QAM	25	25	15.97	16.05	16.01		
10	64QAM	50	0	16.02	16.07	16.00		
10	256QAM	1	0	16.25	16.20	15.98		
10	256QAM	1	25	16.08	16.10	16.09	17.5	0
10	256QAM	1	49	16.14	16.13	16.12		
10	256QAM	25	0	16.05	16.09	15.92		
10	256QAM	25	12	15.84	16.04	16.03	17.5	0
10	256QAM	25	25	16.04	16.00	16.05		
10	256QAM	50	0	16.01	16.05	16.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.39	16.45	16.32		
5	QPSK	1	12	16.43	16.31	16.32	17.5	0
5	QPSK	1	24	16.28	16.16	16.22		
5	QPSK	12	0	16.06	16.26	16.05		
5	QPSK	12	7	16.05	16.03	16.01	17.5	0
5	QPSK	12	13	16.12	16.06	15.96		
5	QPSK	25	0	16.11	16.09	16.12		
5	16QAM	1	0	16.33	16.28	16.26		
5	16QAM	1	12	16.25	16.25	16.23	17.5	0
5	16QAM	1	24	16.21	16.14	16.03		
5	16QAM	12	0	16.06	16.07	16.09		
5	16QAM	12	7	16.07	15.95	15.96	17.5	0
5	16QAM	12	13	16.08	16.03	15.91		
5	16QAM	25	0	16.14	16.01	15.97		
5	64QAM	1	0	16.20	16.16	16.15		
5	64QAM	1	12	16.16	16.13	16.12	17.5	0
5	64QAM	1	24	15.98	16.05	15.96		
5	64QAM	12	0	16.15	16.10	16.06		
5	64QAM	12	7	16.03	16.08	16.04	17.5	0
5	64QAM	12	13	16.03	15.98	15.99		
5	64QAM	25	0	16.10	15.98	16.05		
5	256QAM	1	0	16.24	16.19	16.03		
5	256QAM	1	12	16.06	16.09	16.11	17.5	0
5	256QAM	1	24	16.11	16.13	16.05		
5	256QAM	12	0	16.06	16.01	15.96		
5	256QAM	12	7	15.86	16.05	16.12	17.5	0
5	256QAM	12	13	16.06	16.08	16.12		
5	256QAM	25	0	15.99	16.00	16.01		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.47	16.42	16.33		
3	QPSK	1	8	16.42	16.32	16.23	17.5	0
3	QPSK	1	14	16.39	16.26	16.22		
3	QPSK	8	0	16.10	16.28	16.05		
3	QPSK	8	4	16.06	16.06	16.02	17.5	0
3	QPSK	8	7	16.12	16.03	15.93		
3	QPSK	15	0	16.19	16.07	16.13		
3	16QAM	1	0	16.27	16.28	16.21		
3	16QAM	1	8	16.31	16.21	16.24	17.5	0
3	16QAM	1	14	16.26	16.13	16.08		
3	16QAM	8	0	16.23	16.05	16.09		
3	16QAM	8	4	16.06	16.05	15.92	17.5	0
3	16QAM	8	7	16.04	15.96	15.97		
3	16QAM	15	0	16.17	16.00	16.06		
3	64QAM	1	0	16.19	16.15	16.14		
3	64QAM	1	8	16.19	16.13	16.15	17.5	0
3	64QAM	1	14	15.96	16.12	15.99		
3	64QAM	8	0	16.13	16.06	15.98		
3	64QAM	8	4	16.03	16.07	15.99	17.5	0
3	64QAM	8	7	15.96	16.12	15.91		
3	64QAM	15	0	16.09	16.01	15.97		
3	256QAM	1	0	16.21	16.15	16.07		
3	256QAM	1	8	16.12	16.12	16.05	17.5	0
3	256QAM	1	14	16.18	16.17	16.08		
3	256QAM	8	0	16.07	16.00	15.94		
3	256QAM	8	4	15.89	15.98	16.05	17.5	0
3	256QAM	8	7	16.00	16.06	16.07		
3	256QAM	15	0	15.99	15.98	16.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.46	16.47	16.27		
1.4	QPSK	1	3	16.44	16.25	16.24		
1.4	QPSK	1	5	16.30	16.29	16.18	17.5	0
1.4	QPSK	3	0	16.11	16.19	15.99		
1.4	QPSK	3	1	16.16	15.98	15.96		
1.4	QPSK	3	3	16.11	15.97	15.92		
1.4	QPSK	6	0	16.19	16.12	16.09	17.5	0
1.4	16QAM	1	0	16.35	16.22	16.20		
1.4	16QAM	1	3	16.33	16.27	16.18		
1.4	16QAM	1	5	16.15	16.15	16.07	17.5	0
1.4	16QAM	3	0	16.04	16.02	16.11		
1.4	16QAM	3	1	16.16	15.99	16.00		
1.4	16QAM	3	3	15.99	15.99	15.94		
1.4	16QAM	6	0	16.17	16.01	16.05	17.5	0
1.4	64QAM	1	0	16.17	16.17	16.12		
1.4	64QAM	1	3	16.12	16.08	16.16		
1.4	64QAM	1	5	16.00	16.06	15.94	17.5	0
1.4	64QAM	3	0	16.09	16.07	16.00		
1.4	64QAM	3	1	15.97	16.09	16.03		
1.4	64QAM	3	3	16.00	16.12	15.91		
1.4	64QAM	6	0	16.10	16.08	16.08	17.5	0
1.4	256QAM	1	0	16.20	16.15	16.06		
1.4	256QAM	1	3	16.10	16.12	16.07		
1.4	256QAM	1	5	16.18	16.14	16.03	17.5	0
1.4	256QAM	3	0	15.96	16.06	15.96		
1.4	256QAM	3	1	15.84	16.00	16.02		
1.4	256QAM	3	3	15.99	16.09	16.03		
1.4	256QAM	6	0	16.05	16.01	16.04	17.5	0

Band 4_Ant 2_Other PA

BW [MHz]	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	22.86	22.87	22.75		
20	QPSK	1	49	22.72	22.75	22.67	24	0
20	QPSK	1	99	22.77	22.67	22.63		
20	QPSK	50	0	22.49	22.56	22.57		
20	QPSK	50	24	22.48	22.50	22.56	24	0
20	QPSK	50	50	22.40	22.45	22.42		
20	QPSK	100	0	22.55	22.56	22.46		
20	16QAM	1	0	22.66	22.68	22.79		
20	16QAM	1	49	22.58	22.63	22.62	24	0
20	16QAM	1	99

Band 4_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.82	16.96	16.73	18	0
20	QPSK	1	49	16.80	16.78	16.67		
20	QPSK	1	99	16.76	16.77	16.65		
20	QPSK	50	0	16.66	16.69	16.61	18	0
20	QPSK	50	24	16.56	16.59	16.49		
20	QPSK	50	50	16.57	16.55	16.49		
20	QPSK	100	0	16.58	16.59	16.58		
20	16QAM	1	0	16.93	16.78	16.69	18	0
20	16QAM	1	49	16.74	16.59	16.59		
20	16QAM	1	99	16.59	16.61	16.45		
20	16QAM	50	0	16.59	16.62	16.49	18	0
20	16QAM	50	24	16.63	16.59	16.40		
20	16QAM	50	50	16.52	16.47	16.48		
20	16QAM	100	0	16.57	16.56	16.44		
20	64QAM	1	0	16.81	16.68	16.67	18	0
20	64QAM	1	49	16.62	16.61	16.44		
20	64QAM	1	99	16.60	16.55	16.41		
20	64QAM	50	0	16.67	16.59	16.54	18	0
20	64QAM	50	24	16.62	16.51	16.45		
20	64QAM	50	50	16.55	16.51	16.47		
20	64QAM	100	0	16.67	16.51	16.44		
20	256QAM	1	0	16.62	16.71	16.79	18	0
20	256QAM	1	49	16.56	16.64	16.53		
20	256QAM	1	99	16.60	16.63	16.66		
20	256QAM	50	0	16.50	16.59	16.55	18	0
20	256QAM	50	24	16.61	16.60	16.67		
20	256QAM	50	50	16.47	16.63	16.48		
20	256QAM	100	0	16.49	16.47	16.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.75	16.81	16.64	18	0
15	QPSK	1	37	16.68	16.69	16.54		
15	QPSK	1	74	16.65	16.70	16.56		
15	QPSK	36	0	16.54	16.60	16.50	18	0
15	QPSK	36	20	16.45	16.51	16.42		
15	QPSK	36	39	16.47	16.42	16.38		
15	QPSK	75	0	16.53	16.43	16.43		
15	16QAM	1	0	16.86	16.65	16.58	18	0
15	16QAM	1	37	16.68	16.43	16.51		
15	16QAM	1	74	16.45	16.55	16.34		
15	16QAM	36	0	16.46	16.48	16.34	18	0
15	16QAM	36	20	16.58	16.52	16.28		
15	16QAM	36	39	16.39	16.35	16.39		
15	16QAM	75	0	16.52	16.41	16.39		
15	64QAM	1	0	16.76	16.59	16.61	18	0
15	64QAM	1	37	16.48	16.49	16.29		
15	64QAM	1	74	16.46	16.50	16.25		
15	64QAM	36	0	16.54	16.54	16.40	18	0
15	64QAM	36	20	16.54	16.39	16.35		
15	64QAM	36	39	16.44	16.43	16.41		
15	64QAM	75	0	16.56	16.45	16.32		
15	256QAM	1	0	16.54	16.60	16.70	18	0
15	256QAM	1	37	16.44	16.48	16.44		
15	256QAM	1	74	16.51	16.50	16.61		
15	256QAM	36	0	16.34	16.48	16.44	18	0
15	256QAM	36	20	16.50	16.52	16.59		
15	256QAM	36	39	16.38	16.54	16.35		
15	256QAM	75	0	16.43	16.38	16.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.74	16.72	16.68	18	0
10	QPSK	1	25	16.69	16.73	16.51		
10	QPSK	1	49	16.65	16.72	16.59		
10	QPSK	25	0	16.51	16.56	16.56	18	0
10	QPSK	25	12	16.45	16.52	16.33		
10	QPSK	25	25	16.46	16.50	16.33		
10	QPSK	50	0	16.45	16.46	16.54		
10	16QAM	1	0	16.77	16.72	16.59	18	0
10	16QAM	1	25	16.60	16.49	16.53		
10	16QAM	1	49	16.53	16.55	16.29		
10	16QAM	25	0	16.43	16.53	16.42	18	0
10	16QAM	25	12	16.58	16.47	16.26		
10	16QAM	25	25	16.37	16.35	16.32		
10	16QAM	50	0	16.51	16.47	16.37		
10	64QAM	1	0	16.67	16.58	16.53	18	0
10	64QAM	1	25	16.52	16.51	16.31		
10	64QAM	1	49	16.49	16.45	16.27		
10	64QAM	25	0	16.52	16.47	16.42	18	0
10	64QAM	25	12	16.51	16.43	16.39		
10	64QAM	25	25	16.39	16.35	16.42		
10	64QAM	50	0	16.58	16.41	16.33		
10	256QAM	1	0	16.53	16.56	16.66	18	0
10	256QAM	1	25	16.48	16.55	16.44		
10	256QAM	1	49	16.52	16.56	16.54		
10	256QAM	25	0	16.36	16.48	16.50	18	0
10	256QAM	25	12	16.46	16.53	16.61		
10	256QAM	25	25	16.37	16.49	16.40		
10	256QAM	50	0	16.37	16.37	16.43		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.77	16.73	16.63	18	0
5	QPSK	1	12	16.75	16.65	16.54		
5	QPSK	1	24	16.68	16.69	16.57		
5	QPSK	12	0	16.58	16.54	16.56	18	0
5	QPSK	12	7	16.48	16.45	16.41		
5	QPSK	12	13	16.52	16.47	16.42		
5	QPSK	25	0	16.48	16.44	16.45		
5	16QAM	1	0	16.85	16.73	16.56	18	0
5	16QAM	1	12	16.69	16.43	16.53		
5	16QAM	1	24	16.53	16.52	16.37		
5	16QAM	12	0	16.46	16.56	16.33	18	0
5	16QAM	12	7	16.47	16.44	16.32		
5	16QAM	12	13	16.46	16.42	16.35		
5	16QAM	25	0	16.43	16.44	16.36		
5	64QAM	1	0	16.67	16.56	16.58	18	0
5	64QAM	1	12	16.50	16.56	16.38		
5	64QAM	1	24	16.48	16.41	16.30		
5	64QAM	12	0	16.62	16.47	16.40	18	0
5	64QAM	12	7	16.57	16.43	16.35		
5	64QAM	12	13	16.41	16.38	16.34		
5	64QAM	25	0	16.55	16.39	16.30		
5	256QAM	1	0	16.57	16.66	16.71	18	0
5	256QAM	1	12	16.40	16.48	16.41		
5	256QAM	1	24	16.48	16.52	16.52		
5	256QAM	12	0	16.34	16.46	16.46	18	0
5	256QAM	12	7	16.49	16.52	16.60		
5	256QAM	12	13	16.37	16.55	16.35		
5	256QAM	25	0	16.36	16.34	16.48		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.77	16.79	16.59	18	0
3	QPSK	1	8	16.64	16.65	16.62		
3	QPSK	1	14	16.61	16.68	16.49		
3	QPSK	8	0	16.61	16.61	16.49	18	0
3	QPSK	8	4	16.47	16.54	16.42		
3	QPSK	8	7	16.44	16.41	16.37		
3	QPSK	15	0	16.48	16.52	16.49		
3	16QAM	1	0	16.79	16.65	16.54	18	0
3	16QAM	1	8	16.68	16.46	16.45		
3	16QAM	1	14	16.54	16.47	16.38		
3	16QAM	8	0	16.45	16.53	16.43	18	0
3	16QAM	8	4	16.56	16.46	16.26		
3	16QAM	8	7	16.46	16.38	16.38		
3	16QAM	15	0	16.43	16.40	16.34		
3	64QAM	1	0	16.70	16.52	16.60	18	0
3	64QAM	1	8	16.55	16.53	16.33		
3	64QAM	1	14	16.46	16.43	16.25		
3	64QAM	8	0	16.51	16.48	16.42	18	0
3	64QAM	8	4	16.51	16.45	16.35		
3	64QAM	8	7	16.45	16.44	16.42		
3	64QAM	15	0	16.60	16.45	16.36		
3	256QAM	1	0	16.46	16.56	16.67	18	0
3	256QAM	1	8	16.50	16.57	16.45		
3	256QAM	1	14	16.53	16.57	16.50		
3	256QAM	8	0	16.45	16.44	16.46	18	0
3	256QAM	8	4	16.55	16.54	16.59		
3	256QAM	8	7	16.34	16.55	16.43		
3	256QAM	15	0	16.44	16.33	16.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.74	16.77	16.61	18	0
1.4	QPSK	1	3	16.73	16.67	16.61		
1.4	QPSK	1	5	16.70	16.63	16.51		
1.4	QPSK	3	0	16.57	16.57	16.52		
1.4	QPSK	3	1	16.47	16.49	16.39		
1.4	QPSK	3	3	16.41	16.39	16.44		
1.4	QPSK	6	0	16.43	16.53	16.48	18	0
1.4	16QAM	1	0	16.78	16.65	16.57	18	0
1.4	16QAM	1	3	16.65	16.49	16.44		
1.4	16QAM	1	5	16.47	16.54	16.36		
1.4	16QAM	3	0	16.52	16.55	16.42		
1.4	16QAM	3	1	16.51	16.52	16.31		
1.4	16QAM	3	3	16.41	16.31	16.36		
1.4	16QAM	6	0	16.52	16.47	16.35	18	0
1.4	64QAM	1	0	16.74	16.52	16.61	18	0
1.4	64QAM	1	3	16.49	16.52	16.38		
1.4	64QAM	1	5	16.47	16.44	16.34		
1.4	64QAM	3	0	16.56	16.47	16.39		
1.4	64QAM	3	1	16.47	16.37	16.31		
1.4	64QAM	3	3	16.42	16.35	16.33		
1.4	64QAM	6	0	16.55	16.40	16.33	18	0
1.4	256QAM	1	0	16.54	16.61	16.67	18	0
1.4	256QAM	1	3	16.45	16.54	16.42		
1.4	256QAM	1	5	16.45	16.50	16.57		
1.4	256QAM	3	0	16.42	16.45	16.48		
1.4	256QAM	3	1	16.53	16.44	16.55		
1.4	256QAM	3	3	16.40	16.47	16.42		
1.4	256QAM	6	0	16.41	16.39	16.40	18	0

Band 5_Ant 0_Other PA

BW [MHz]	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	23.79	23.80	23.70	25	0
10	QPSK	1	25	23.64	23.77	23.63		
10	QPSK	1	49	23.73	23.76	23.68		
10	QPSK	25	0	22.76	22.77	22.70	24	1
10	QPSK	25	12	22.65	22.62	22.63		
10	QPSK	25	25	22.72	22.66	22.64		
10	QPSK	50	0	22.68	22.77	22.57		
10	16QAM	1	0	22.77	22.88	22.86	24	1
10	16QAM	1	25	22.80	22.84	22.72		
10	16QAM	1	49	22.81	22.78	22.73		
10	16QAM	25	0	21.67	21.63	21.60	23	2
10	16QAM	25	12	21.61	21.65	21.63		
10	16QAM	25	25	21.67	21.65	21.58		
10	16QAM	50	0	21.65	21.62	21.65		
10	64QAM	1	0	21.77	21.76	21.80	23	2
10	64QAM	1	25	21.78	21.72	21.73		
10	64QAM	1	49	21.78	21.75	21.79		
10	64QAM	25	0	20.68	20.62	20.71	22	3
10	64QAM	25	12	20.66	20.68	20.55		
10	64QAM	25	25	20.68	20.61	20.63		
10	64QAM	50	0	20.67	20.66	20.64		
10	256QAM	1	0	18.99	19.00	18.97	20	5
10	256QAM	1	25	19.00	18.95	19.01		
10	256QAM	1	49	18.89	18.99	18.92		
10	256QAM	25	0	18.90	18.83	18.74	20	5
10	256QAM	25	12	18.92	18.81	18.86		
10	256QAM	25	25	18.83	18.88	18.80		
10	256QAM	50	0	18.83	18.82	18.86		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.55	23.59	23.64	25	0
5	QPSK	1	12	23.50	23.72	23.57		
5	QPSK	1	24	23.57	23.67	23.62		
5	QPSK	12	0	22.70	22.64	22.46	24	1
5	QPSK	12	7	22.57	22.54	22.52		
5	QPSK	12	13	22.56	22.61	22.48		
5	QPSK	25	0	22.52	22.70	22.43		
5	16QAM	1	0	22.72	22.83	22.75	24	1
5	16QAM	1	12	22.65	22.77	22.59		
5	16QAM	1	24	22.73	22.64	22.63		
5	16QAM	12	0	21.60	21.53	21.52	23	2
5	16QAM	12	7	21.55	21.57	21.53		
5	16QAM	12	13	21.54	21.58	21.53		
5	16QAM	25	0	21.54	21.46	21.54		
5	64QAM	1	0	21.64	21.60	21.72	23	2
5	64QAM	1	12	21.70	21.59	21.64		
5	64QAM	1	24	21.68	21.68	21.73		
5	64QAM	12	0	20.55	20.57	20.60	22	3
5	64QAM	12	7	20.60	20.54	20.50		
5	64QAM	12	13	20.56	20.54	20.48		
5	64QAM	25	0	20.55	20.54	20.49		
5	256QAM	1	0	18.84	18.92	18.81	20	5
5	256QAM	1	12	18.85	18.88	18.87		
5	256QAM	1	24	18.79	18.93	18.85		
5	256QAM	12	0	18.77	18.75	18.67	20	5
5	256QAM	12	7	18.84	18.68	18.71		
5	256QAM	12	13	18.73	18.80	18.66		
5	256QAM	25	0	18.69	18.69	18.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.61	23.64	23.62	25	0
3	QPSK	1	8	23.50	23.64	23.51		
3	QPSK	1	14	23.60	23.67	23.57		
3	QPSK	8	0	22.60	22.55	22.44	24	1
3	QPSK	8	4	22.56	22.53	22.54		
3	QPSK	8	7	22.57	22.60	22.58		
3	QPSK	15	0	22.55	22.63	22.41		
3	16QAM	1	0	22.65	22.83	22.76	24	1
3	16QAM	1	8	22.65	22.69	22.67		
3	16QAM	1	14	22.71	22.72	22.59		
3	16QAM	8	0	21.62	21.49	21.55	23	2
3	16QAM	8	4	21.52	21.54	21.53		
3	16QAM	8	7	21.59	21.49	21.50		
3	16QAM	15	0	21.50	21.52	21.50		
3	64QAM	1	0	21.64	21.60	21.66	23	2
3	64QAM	1	8	21.69	21.58	21.58		
3	64QAM	1	14	21.68	21.61	21.66		
3	64QAM	8	0	20.61	20.50	20.63	22	3
3	64QAM	8	4	20.61	20.60	20.49		
3	64QAM	8	7	20.60	20.51	20.56		
3	64QAM	15	0	20.56	20.53	20.56		
3	256QAM	1	0	18.88	18.91	18.82	20	5
3	256QAM	1	8	18.90	18.83	18.87		
3	256QAM	1	14	18.81	18.84	18.76		
3	256QAM	8	0	18.80	18.69	18.63	20	5
3	256QAM	8	4	18.81	18.69	18.74		
3	256QAM	8	7	18.75	18.81	18.74		
3	256QAM	15	0	18.69	18.75	18.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.60	23.61	25	0
1.4	QPSK	1	3	23.54	23.62	23.47		
1.4	QPSK	1	5	23.64	23.60	23.63		
1.4	QPSK	3	0	23.57	23.64	23.62		
1.4	QPSK	3	1	23.49	23.65	23.50		
1.4	QPSK	3	3	23.62	23.70	23.52		
1.4	QPSK	6	0	22.60	22.62	22.49	24	1
1.4	16QAM	1	0	22.61	22.83	22.79	24	1
1.4	16QAM	1	3	22.70	22.79	22.67		
1.4	16QAM	1	5	22.74	22.62	22.58		
1.4	16QAM	3	0	22.68	22.62	22.54		
1.4	16QAM	3	1	22.57	22.57	22.56		
1.4	16QAM	3	3	22.56	22.57	22.49		
1.4	16QAM	6	0	21.58	21.49	21.60	23	2
1.4	64QAM	1	0	21.72	21.70	21.70	23	2
1.4	64QAM	1	3	21.69	21.57	21.66		
1.4	64QAM	1	5	21.66	21.67	21.71		
1.4	64QAM	3	0	21.58	21.47	21.55		
1.4	64QAM	3	1	21.47	21.52	21.49		
1.4	64QAM	3	3	21.52	21.51	21.48		
1.4	64QAM	6	0	20.59	20.60	20.52	22	3
1.4	256QAM	1	0	18.88	18.86	18.88	20	5
1.4	256QAM	1	3	18.90	18.90	18.89		
1.4	256QAM	1	5	18.82	18.83	18.87		
1.4	256QAM	3	0	18.77	18.76	18.69		
1.4	256QAM	3	1	18.83	18.66	18.81		
1.4	256QAM	3	3	18.71	18.80	18.67		
1.4	256QAM	6	0	18.77	18.68	18.77	20	5

Band 5_Ant 1_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.84	19.93	19.75	21.5	0
10	QPSK	1	25	19.74	19.75	19.66		
10	QPSK	1	49	19.80	19.74	19.73		
10	QPSK	25	0	19.53	19.67	19.61	21.5	0
10	QPSK	25	12	19.51	19.55	19.59		
10	QPSK	25	25	19.50	19.56	19.59		
10	QPSK	50	0	19.53	19.62	19.56		
10	16QAM	1	0	19.56	19.59	19.59	21.5	0
10	16QAM	1	25	19.63	19.59	19.51		
10	16QAM	1	49	19.61	19.58	19.55		
10	16QAM	25	0	19.61	19.59	19.54	21.5	0
10	16QAM	25	12	19.56	19.57	19.54		
10	16QAM	25	25	19.59	19.50	19.58		
10	16QAM	50	0	19.55	19.53	19.58		
10	64QAM	1	0	19.53	19.55	19.68	21.5	0
10	64QAM	1	25	19.55	19.58	19.57		
10	64QAM	1	49	19.57	19.57	19.51		
10	64QAM	25	0	19.55	19.58	19.54	21.5	0
10	64QAM	25	12	19.52	19.59	19.53		
10	64QAM	25	25	19.54	19.50	19.59		
10	64QAM	50	0	19.63	19.51	19.54		
10	256QAM	1	0	18.51	18.43	18.37	20	1.5
10	256QAM	1	25	18.40	18.39	18.37		
10	256QAM	1	49	18.36	18.31	18.36		
10	256QAM	25	0	18.32	18.30	18.35	20	1.5
10	256QAM	25	12	18.26	18.23	18.26		
10	256QAM	25	25	18.28	18.31	18.22		
10	256QAM	50	0	18.20	18.26	18.24		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.79	19.81	19.66	21.5	0
5	QPSK	1	12	19.67	19.61	19.52		
5	QPSK	1	24	19.74	19.60	19.63		
5	QPSK	12	0	19.63	19.77	19.64	21.5	0
5	QPSK	12	7	19.59	19.58	19.65		
5	QPSK	12	13	19.63	19.67	19.64		
5	QPSK	25	0	19.61	19.75	19.68		
5	16QAM	1	0	19.69	19.70	19.65	21.5	0
5	16QAM	1	12	19.70	19.63	19.63		
5	16QAM	1	24	19.67	19.70	19.68		
5	16QAM	12	0	19.67	19.67	19.67	21.5	0
5	16QAM	12	7	19.62	19.64	19.59		
5	16QAM	12	13	19.63	19.63	19.67		
5	16QAM	25	0	19.58	19.62	19.65		
5	64QAM	1	0	19.62	19.67	19.75	21.5	0
5	64QAM	1	12	19.66	19.62	19.70		
5	64QAM	1	24	19.65	19.61	19.59		
5	64QAM	12	0	19.68	19.66	19.66	21.5	0
5	64QAM	12	7	19.59	19.65	19.62		
5	64QAM	12	13	19.61	19.62	19.61		
5	64QAM	25	0	19.67	19.53	19.58		
5	256QAM	1	0	18.42	18.33	18.22	20	1.5
5	256QAM	1	12	18.35	18.24	18.23		
5	256QAM	1	24	18.25	18.19	18.22		
5	256QAM	12	0	18.19	18.14	18.29	20	1.5
5	256QAM	12	7	18.20	18.12	18.11		
5	256QAM	12	13	18.22	18.16	18.13		
5	256QAM	25	0	18.11	18.14	18.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.74	19.79	19.66	21.5	0
3	QPSK	1	8	19.65	19.61	19.53		
3	QPSK	1	14	19.74	19.59	19.60		
3	QPSK	8	0	19.62	19.73	19.70	21.5	0
3	QPSK	8	4	19.53	19.58	19.65		
3	QPSK	8	7	19.61	19.61	19.62		
3	QPSK	15	0	19.61	19.73	19.69		
3	16QAM	1	0	19.64	19.65	19.68	21.5	0
3	16QAM	1	8	19.69	19.68	19.64		
3	16QAM	1	14	19.64	19.68	19.64		
3	16QAM	8	0	19.63	19.63	19.63	21.5	0
3	16QAM	8	4	19.66	19.63	19.61		
3	16QAM	8	7	19.65	19.53	19.66		
3	16QAM	15	0	19.66	19.64	19.63		
3	64QAM	1	0	19.66	19.57	19.77	21.5	0
3	64QAM	1	8	19.68	19.66	19.59		
3	64QAM	1	14	19.70	19.70	19.61		
3	64QAM	8	0	19.63	19.61	19.61	21.5	0
3	64QAM	8	4	19.62	19.72	19.61		
3	64QAM	8	7	19.61	19.54	19.67		
3	64QAM	15	0	19.67	19.61	19.64		
3	256QAM	1	0	18.45	18.38	18.22	20	1.5
3	256QAM	1	8	18.27	18.31	18.23		
3	256QAM	1	14	18.28	18.24	18.28		
3	256QAM	8	0	18.25	18.19	18.22	20	1.5
3	256QAM	8	4	18.17	18.16	18.19		
3	256QAM	8	7	18.13	18.26	18.14		
3	256QAM	15	0	18.13	18.19	18.18		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.78	19.77	19.62	21.5	0
1.4	QPSK	1	3	19.68	19.70	19.52		
1.4	QPSK	1	5	19.75	19.60	19.65		
1.4	QPSK	3	0	19.57	19.72	19.74		
1.4	QPSK	3	1	19.63	19.62	19.64		
1.4	QPSK	3	3	19.63	19.62	19.65		
1.4	QPSK	6	0	19.62	19.66	19.63	21.5	0
1.4	16QAM	1	0	19.60	19.71	19.72	21.5	0
1.4	16QAM	1	3	19.68	19.70	19.62		
1.4	16QAM	1	5	19.68	19.71	19.60		
1.4	16QAM	3	0	19.70	19.65	19.63		
1.4	16QAM	3	1	19.65	19.64	19.63		
1.4	16QAM	3	3	19.61	19.52	19.63		
1.4	16QAM	6	0	19.59	19.58	19.67	21.5	0
1.4	64QAM	1	0	19.61	19.61	19.77	21.5	0
1.4	64QAM	1	3	19.63	19.62	19.62		
1.4	64QAM	1	5	19.70	19.60	19.63		
1.4	64QAM	3	0	19.57	19.62	19.65		
1.4	64QAM	3	1	19.56	19.63	19.57		
1.4	64QAM	3	3	19.57	19.62	19.67		
1.4	64QAM	6	0	19.76	19.54	19.61	21.5	0
1.4	256QAM	1	0	18.45	18.36	18.21	20	1.5
1.4	256QAM	1	3	18.27	18.29	18.32		
1.4	256QAM	1	5	18.24	18.26	18.27		
1.4	256QAM	3	0	18.25	18.14	18.24		
1.4	256QAM	3	1	18.18	18.16	18.11		
1.4	256QAM	3	3	18.18	18.22	18.07		
1.4	256QAM	6	0	18.10	18.15	18.18	20	1.5

Band 7_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.97	16.08	15.83	17.5	0
20	QPSK	1	49	15.84	15.89	15.64		
20	QPSK	1	99	15.93	15.93	15.83		
20	QPSK	50	0	15.73	15.75	15.66	17.5	0
20	QPSK	50	24	15.72	15.62	15.65		
20	QPSK	50	50	15.58	15.71	15.63		
20	QPSK	100	0	15.60	15.71	15.58		
20	16QAM	1	0	15.70	15.63	15.60	17.5	0
20	16QAM	1	49	15.60	15.75	15.71		
20	16QAM	1	99	15.67	15.70	15.61		
20	16QAM	50	0	15.68	15.59	15.52	17.5	0
20	16QAM	50	24	15.72	15.76	15.58		
20	16QAM	50	50	15.70	15.88	15.82		
20	16QAM	100	0	15.78	15.73	15.52		
20	64QAM	1	0	15.87	15.70	15.58	17.5	0
20	64QAM	1	49	15.83	15.67	15.62		
20	64QAM	1	99	15.82	15.74	15.70		
20	64QAM	50	0	15.68	15.78	15.67	17.5	0
20	64QAM	50	24	15.76	15.75	15.71		
20	64QAM	50	50	15.83	15.81	15.66		
20	64QAM	100	0	15.70	15.78	15.62		
20	256QAM	1	0	15.88	15.71	15.52	17.5	0
20	256QAM	1	49	15.78	15.71	15.58		
20	256QAM	1	99	15.79	15.65	15.56		
20	256QAM	50	0	15.81	15.67	15.62	17.5	0
20	256QAM	50	24	15.76	15.72	15.58		
20	256QAM	50	50	15.86	15.79	15.67		
20	256QAM	100	0	15.64	15.86	15.68		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.98	16.00	15.79	17.5	0
15	QPSK	1	37	15.79	15.78	15.70		
15	QPSK	1	74	15.96	15.85	15.81		
15	QPSK	36	0	15.61	15.71	15.64	17.5	0
15	QPSK	36	20	15.65	15.67	15.61		
15	QPSK	36	39	15.58	15.66	15.61		
15	QPSK	75	0	15.69	15.76	15.56		
15	16QAM	1	0	15.70	15.59	15.61	17.5	0
15	16QAM	1	37	15.68	15.75	15.62		
15	16QAM	1	74	15.64	15.78	15.63		
15	16QAM	36	0	15.59	15.67	15.57	17.5	0
15	16QAM	36	20	15.76	15.75	15.50		
15	16QAM	36	39	15.68	15.81	15.77		
15	16QAM	75	0	15.80	15.81	15.62		
15	64QAM	1	0	15.87	15.76	15.58	17.5	0
15	64QAM	1	37	15.78	15.73	15.54		
15	64QAM	1	74	15.87	15.78	15.69		
15	64QAM	36	0	15.69	15.88	15.61	17.5	0
15	64QAM	36	20	15.78	15.77	15.70		
15	64QAM	36	39	15.84	15.73	15.70		
15	64QAM	75	0	15.79	15.72	15.54		
15	256QAM	1	0	15.81	15.67	15.53	17.5	0
15	256QAM	1	37	15.77	15.76	15.58		
15	256QAM	1	74	15.88	15.67	15.62		
15	256QAM	36	0	15.87	15.71	15.56	17.5	0
15	256QAM	36	20	15.80	15.74	15.55		
15	256QAM	36	39	15.82	15.78	15.65		
15	256QAM	75	0	15.70	15.81	15.62		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.00	16.04	15.76	17.5	0
10	QPSK	1	25	15.79	15.87	15.65		
10	QPSK	1	49	15.94	15.89	15.72		
10	QPSK	25	0	15.63	15.72	15.66	17.5	0
10	QPSK	25	12	15.71	15.68	15.62		
10	QPSK	25	25	15.64	15.65	15.54		
10	QPSK	50	0	15.68	15.77	15.63		
10	16QAM	1	0	15.67	15.67	15.67	17.5	0
10	16QAM	1	25	15.59	15.75	15.64		
10	16QAM	1	49	15.70	15.68	15.57		
10	16QAM	25	0	15.60	15.66	15.63	17.5	0
10	16QAM	25	12	15.72	15.81	15.50		
10	16QAM	25	25	15.67	15.91	15.78		
10	16QAM	50	0	15.80	15.82	15.57		
10	64QAM	1	0	15.85	15.68	15.55	17.5	0
10	64QAM	1	25	15.81	15.71	15.63		
10	64QAM	1	49	15.81	15.71	15.73		
10	64QAM	25	0	15.63	15.88	15.71	17.5	0
10	64QAM	25	12	15.77	15.78	15.61		
10	64QAM	25	25	15.88	15.75	15.70		
10	64QAM	50	0	15.73	15.77	15.55		
10	256QAM	1	0	15.87	15.67	15.51	17.5	0
10	256QAM	1	25	15.79	15.68	15.55		
10	256QAM	1	49	15.88	15.72	15.55		
10	256QAM	25	0	15.82	15.70	15.52	17.5	0
10	256QAM	25	12	15.85	15.68	15.63		
10	256QAM	25	25	15.83	15.71	15.70		
10	256QAM	50	0	15.66	15.81	15.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.96	16.03	15.78	17.5	0
5	QPSK	1	12	15.84	15.86	15.68		
5	QPSK	1	24	15.93	15.95	15.72		
5	QPSK	12	0	15.65	15.76	15.62	17.5	0
5	QPSK	12	7	15.73	15.68	15.60		
5	QPSK	12	13	15.54	15.65	15.64		
5	QPSK	25	0	15.62	15.76	15.61		
5	16QAM	1	0	15.73	15.60	15.58	17.5	0
5	16QAM	1	12	15.67	15.84	15.64		
5	16QAM	1	24	15.74	15.77	15.64		
5	16QAM	12	0	15.60	15.66	15.58	17.5	0
5	16QAM	12	7	15.69	15.82	15.52		
5	16QAM	12	13	15.70	15.84	15.74		
5	16QAM	25	0	15.80	15.80	15.53		
5	64QAM	1	0	15.80	15.68	15.58	17.5	0
5	64QAM	1	12	15.81	15.74	15.64		
5	64QAM	1	24	15.88	15.81	15.70		
5	64QAM	12	0	15.65	15.84	15.66	17.5	0
5	64QAM	12	7	15.70	15.71	15.61		
5	64QAM	12	13	15.88	15.78	15.62		
5	64QAM	25	0	15.78	15.74	15.62		
5	256QAM	1	0	15.79	15.75	15.59	17.5	0
5	256QAM	1	12	15.76	15.76	15.58		
5	256QAM	1	24	15.80	15.71	15.53		
5	256QAM	12	0	15.89	15.75	15.54	17.5	0
5	256QAM	12	7	15.84	15.74	15.55		
5	256QAM	12	13	15.81	15.74	15.68		
5	256QAM	25	0	15.61	15.86	15.64		

Band 7_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.71	20.76	20.73	22.5	0
20	QPSK	1	49	20.70	20.58	20.61		
20	QPSK	1	99	20.68	20.64	20.70		
20	QPSK	50	0	20.60	20.62	20.56	22.5	0
20	QPSK	50	24	20.54	20.58	20.55		
20	QPSK	50	50	20.56	20.56	20.53		
20	QPSK	100	0	20.56	20.57	20.56		
20	16QAM	1	0	20.52	20.55	20.58	22.5	0
20	16QAM	1	49	20.60	20.50	20.57		
20	16QAM	1	99	20.63	20.51	20.54		
20	16QAM	50	0	20.63	20.59	20.51	22.5	0
20	16QAM	50	24	20.66	20.60	20.66		
20	16QAM	50	50	20.50	20.60	20.67		
20	16QAM	100	0	20.53	20.66	20.66		
20	64QAM	1	0	20.69	20.66	20.58	22.5	0
20	64QAM	1	49	20.64	20.69	20.62		
20	64QAM	1	99	20.51	20.53	20.57		
20	64QAM	50	0	20.44	20.47	20.45	21.5	1
20	64QAM	50	24	20.49	20.39	20.42		
20	64QAM	50	50	20.56	20.41	20.51		
20	64QAM	100	0	20.47	20.48	20.42		
20	256QAM	1	0	17.75	17.65	17.72	19.5	3
20	256QAM	1	49	17.58	17.60	17.60		
20	256QAM	1	99	17.68	17.61	17.73		
20	256QAM	50	0	17.56	17.55	17.62	19.5	3
20	256QAM	50	24	17.68	17.64	17.59		
20	256QAM	50	50	17.60	17.59	17.73		
20	256QAM	100	0	17.71	17.56	17.67		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.61	20.62	20.58	22.5	0
15	QPSK	1	37	20.65	20.52	20.66		
15	QPSK	1	74	20.63	20.55	20.59		
15	QPSK	36	0	20.60	20.62	20.55	22.5	0
15	QPSK	36	20	20.52	20.52	20.53		
15	QPSK	36	39	20.69	20.50	20.54		
15	QPSK	75	0	20.68	20.66	20.51		
15	16QAM	1	0	20.58	20.59	20.56	22.5	0
15	16QAM	1	37	20.52	20.54	20.51		
15	16QAM	1	74	20.68	20.63	20.55		
15	16QAM	36	0	20.58	20.53	20.61	22.5	0
15	16QAM	36	20	20.57	20.50	20.60		
15	16QAM	36	39	20.63	20.51	20.56		
15	16QAM	75	0	20.60	20.61	20.61		
15	64QAM	1	0	20.63	20.55	20.58	22.5	0
15	64QAM	1	37	20.67	20.59	20.51		
15	64QAM	1	74	20.63	20.66	20.54		
15	64QAM	36	0	20.38	20.35	20.39	21.5	1
15	64QAM	36	20	20.33	20.27	20.30		
15	64QAM	36	39	20.42	20.34	20.46		
15	64QAM	75	0	20.42	20.39	20.37		
15	256QAM	1	0	17.69	17.50	17.64	19.5	3
15	256QAM	1	37	17.53	17.55	17.68		
15	256QAM	1	74	17.58	17.53	17.67		
15	256QAM	36	0	17.64	17.67	17.56	19.5	3
15	256QAM	36	20	17.62	17.53	17.54		
15	256QAM	36	39	17.68	17.50	17.67		
15	256QAM	75	0	17.55	17.60	17.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.61	20.63	20.55	22.5	0
10	QPSK	1	25	20.55	20.64	20.52		
10	QPSK	1	49	20.59	20.58	20.59		
10	QPSK	25	0	20.65	20.52	20.57	22.5	0
10	QPSK	25	12	20.58	20.51	20.52		
10	QPSK	25	25	20.61	20.60	20.58		
10	QPSK	50	0	20.60	20.61	20.51		
10	16QAM	1	0	20.57	20.69	20.63	22.5	0
10	16QAM	1	25	20.68	20.56	20.66		
10	16QAM	1	49	20.53	20.59	20.63		
10	16QAM	25	0	20.54	20.51	20.64	22.5	0
10	16QAM	25	12	20.51	20.54	20.50		
10	16QAM	25	25	20.54	20.66	20.60		
10	16QAM	50	0	20.67	20.61	20.57		
10	64QAM	1	0	20.62	20.59	20.65	22.5	0
10	64QAM	1	25	20.69	20.61	20.66		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	20.30	20.34	20.37	21.5	1
10	64QAM	25	12	20.41	20.25	20.30		
10	64QAM	25	25	20.43	20.31	20.43		
10	64QAM	50	0	20.35	20.34	20.32		
10	256QAM	1	0	17.64	17.69	17.57	19.5	3
10	256QAM	1	25	17.64	17.66	17.64		
10	256QAM	1	49	17.61	17.55	17.61		
10	256QAM	25	0	17.50	17.65	17.50	19.5	3
10	256QAM	25	12	17.59	17.53	17.64		
10	256QAM	25	25	17.69	17.69	17.60		
10	256QAM	50	0	17.62	17.67	17.61		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.64	20.61	20.68	22.5	0
5	QPSK	1	12	20.56	20.50	20.65		
5	QPSK	1	24	20.54	20.68	20.58		
5	QPSK	12	0	20.55	20.51	20.53	22.5	0
5	QPSK	12	7	20.58	20.53	20.59		
5	QPSK	12	13	20.50	20.61	20.54		
5	QPSK	25	0	20.50	20.67	20.50		
5	16QAM	1	0	20.58	20.67	20.52	22.5	0
5	16QAM	1	12	20.67	20.63	20.56		
5	16QAM	1	24	20.69	20.63	20.57		
5	16QAM	12	0	20.58	20.54	20.58	22.5	0
5	16QAM	12	7	20.58	20.51	20.58		
5	16QAM	12	13	20.55	20.59	20.57		
5	16QAM	25	0	20.60	20.55	20.58	22.5	0
5	64QAM	1	0	20.64	20.57	20.50		
5	64QAM	1	12	20.55	20.60	20.50		
5	64QAM	1	24	20.57	20.57	20.57		
5	64QAM	12	0	20.30	20.42	20.37	21.5	1
5	64QAM	12	7	20.36	20.31	20.36		
5	64QAM	12	13	20.44	20.35	20.40		
5	64QAM	25	0	20.32	20.36	20.37		
5	256QAM	1	0	17.70	17.53	17.57	19.5	3
5	256QAM	1	12	17.66	17.69	17.54		
5	256QAM	1	24	17.63	17.54	17.63		
5	256QAM	12	0	17.61	17.69	17.54	19.5	3
5	256QAM	12	7	17.57	17.52	17.52		
5	256QAM	12	13	17.66	17.65	17.59		
5	256QAM	25	0	17.60	17.62	17.57		

Band 7_Ant 5_Other PA

BW [MHz]	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	19.07	19.15	19.03	20.5	0
20	QPSK	1	49	18.90	18.94	18.94		
20	QPSK	1	99	18.99	19.08	19.02		
20	QPSK	50	0	18.82	18.94	18.72	20.5	0
20	QPSK	50	24	18.77	18.78	18.70		
20	QPSK	50	50	18.77	18.88	18.70		
20	QPSK	100	0	18.83	18.88	18.87		
20	16QAM	1	0	18.78	18.72	18.82	20.5	0
20	16QAM	1	49	18.76	18.84	18.89		
20	16QAM	1	99	18.86	19.02	18.85		
20	16QAM	50	0	18.80	18.74	18.80	20.5	0
20	16QAM	50	24	18.72	18.74	18.78		
20	16QAM	50	50	18.74	18.80	18.93		
20	16QAM	100	0	18.71	18.79	18.79		
20	64QAM	1	0	18.78	18.75	18.71	20.5	0
20	64QAM	1	49	18.77	18.84	18.75		
20	64QAM	1	99	18.88	18.90	18.93		
20	64QAM	50	0	18.68	18.75	18.86	20.5	0
20	64QAM	50	24	18.77	18.71	18.86		
20	64QAM	50	50	18.84	18.82	18.88		
20	64QAM	100	0	18.77	18.82	18.78		
20	256QAM	1	0	18.55	18.49	18.43	20	0.5
20	256QAM	1	49	18.29	18.26	18.38		
20	256QAM	1	99	18.37	18.42	18.21		
20	256QAM	50	0	18.32	18.30	18.28	20	0.5
20	256QAM	50	24	18.10	18.30	18.33		
20	256QAM	50	50	18.19	18.18	18.17		
20	256QAM	100	0	18.15	18.32	18.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.02	18.99	18.87	20.5	0
15	QPSK	1	37	18.75	18.86	18.78		
15	QPSK	1	74	18.84	18.95	18.92		
15	QPSK	36	0	18.73	18.78	18.60	20.5	0
15	QPSK	36	20	18.64	18.64	18.62		
15	QPSK	36	39	18.68	18.78	18.65		
15	QPSK	75	0	18.76	18.77	18.72		
15	16QAM	1	0	18.72	18.61	18.72	20.5	0
15	16QAM	1	37	18.62	18.71	18.73		
15	16QAM	1	74	18.73	18.93	18.70		
15	16QAM	36	0	18.74	18.65	18.72	20.5	0
15	16QAM	36	20	18.62	18.68	18.63		
15	16QAM	36	39	18.68	18.67	18.77		
15	16QAM	75	0	18.66	18.65	18.66		
15	64QAM	1	0	18.69	18.59	18.66	20.5	0
15	64QAM	1	37	18.63	18.75	18.67		
15	64QAM	1	74	18.82	18.82	18.79		
15	64QAM	36	0	18.61	18.63	18.81	20.5	0
15	64QAM	36	20	18.61	18.66	18.78		
15	64QAM	36	39	18.73	18.71	18.74		
15	64QAM	75	0	18.66	18.70	18.69		
15	256QAM	1	0	18.42	18.37	18.29	20	0.5
15	256QAM	1	37	18.15	18.11	18.26		
15	256QAM	1	74	18.30	18.32	18.14		
15	256QAM	36	0	18.16	18.20	18.20	20	0.5
15	256QAM	36	20	18.03	18.19	18.22		
15	256QAM	36	39	18.03	18.10	18.05		
15	256QAM	75	0	18.09	18.24	18.23		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.94	19.00	18.93	20.5	0
10	QPSK	1	25	18.85	18.85	18.87		
10	QPSK	1	49	18.91	18.97	18.89		
10	QPSK	25	0	18.72	18.89	18.63	20.5	0
10	QPSK	25	12	18.63	18.63	18.65		
10	QPSK	25	25	18.69	18.79	18.58		
10	QPSK	50	0	18.77	18.72	18.71		
10	16QAM	1	0	18.71	18.63	18.76	20.5	0
10	16QAM	1	25	18.70	18.68	18.81		
10	16QAM	1	49	18.72	18.89	18.69		
10	16QAM	25	0	18.67	18.69	18.73	20.5	0
10	16QAM	25	12	18.64	18.62	18.71		
10	16QAM	25	25	18.69	18.69	18.87		
10	16QAM	50	0	18.61	18.65	18.70		
10	64QAM	1	0	18.69	18.66	18.63	20.5	0
10	64QAM	1	25	18.84	18.79	18.68		
10	64QAM	1	49	18.75	18.77	18.79		
10	64QAM	25	0	18.59	18.70	18.76	20.5	0
10	64QAM	25	12	18.72	18.61	18.78		
10	64QAM	25	25	18.78	18.77	18.72		
10	64QAM	50	0	18.68	18.75	18.69		
10	256QAM	1	0	18.44	18.33	18.35	20	0.5
10	256QAM	1	25	18.18	18.15	18.22		
10	256QAM	1	49	18.21	18.11	18.18		
10	256QAM	25	0	18.21	18.24	18.20	20	0.5
10	256QAM	25	12	18.20	18.18	18.26		
10	256QAM	25	25	18.14	18.12	18.07		
10	256QAM	50	0	18.03	18.24	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.93	19.08	18.95	20.5	0
5	QPSK	1	12	18.77	18.82	18.88		
5	QPSK	1	24	18.93	18.98	18.88		
5	QPSK	12	0	18.73	18.85	18.56	20.5	0
5	QPSK	12	7	18.67	18.62	18.61		
5	QPSK	12	13	18.65	18.78	18.65		
5	QPSK	25	0	18.78	18.78	18.71		
5	16QAM	1	0	18.65	18.66	18.68	20.5	0
5	16QAM	1	12	18.71	18.73	18.81		
5	16QAM	1	24	18.74	18.89	18.78		
5	16QAM	12	0	18.71	18.60	18.66	20.5	0
5	16QAM	12	7	18.63	18.59	18.72		
5	16QAM	12	13	18.68	18.74	18.84		
5	16QAM	25	0	18.56	18.70	18.72	20.5	0
5	64QAM	1	0	18.70	18.61	18.62		
5	64QAM	1	12	18.68	18.74	18.67		
5	64QAM	1	24	18.76	18.76	18.85		
5	64QAM	12	0	18.61	18.67	18.78	20.5	0
5	64QAM	12	7	18.68	18.55	18.70		
5	64QAM	12	13	18.78	18.73	18.83		
5	64QAM	25	0	18.60	18.66	18.71		
5	256QAM	1	0	18.47	18.35	18.38	20	0.5
5	256QAM	1	12	18.21	18.20	18.22		
5	256QAM	1	24	18.31	18.30	18.07		
5	256QAM	12	0	18.21	18.19	18.13	20	0.5
5	256QAM	12	7	18.23	18.16	18.28		
5	256QAM	12	13	18.11	18.13	18.12		
5	256QAM	25	0	18.03	18.21	18.13		

Band 7_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.13	17.19	16.84	17.5	0
20	QPSK	1	49	17.09	16.93	16.73		
20	QPSK	1	99	16.99	16.95	16.69		
20	QPSK	50	0	16.91	16.98	16.65	17.5	0
20	QPSK	50	24	16.85	16.67	16.53		
20	QPSK	50	50	16.83	16.75	16.53		
20	QPSK	100	0	16.73	16.84	16.52		
20	16QAM	1	0	16.86	16.78	16.55	17.5	0
20	16QAM	1	49	16.75	16.81	16.60		
20	16QAM	1	99	16.81	16.74	16.58		
20	16QAM	50	0	16.75	16.78	16.60	17.5	0
20	16QAM	50	24	16.79	16.81	16.43		
20	16QAM	50	50	16.82	16.67	16.52		
20	16QAM	100	0	16.84	16.68	16.52		
20	64QAM	1	0	16.81	16.77	16.61	17.5	0
20	64QAM	1	49	16.81	16.82	16.60		
20	64QAM	1	99	16.85	16.84	16.56		
20	64QAM	50	0	16.78	16.75	16.58	17.5	0
20	64QAM	50	24	16.85	16.75	16.50		
20	64QAM	50	50	16.87	16.82	16.57		
20	64QAM	100	0	16.82	16.83	16.58		
20	256QAM	1	0	16.93	16.76	16.64	17.5	0
20	256QAM	1	49	16.73	16.81	16.59		
20	256QAM	1	99	16.87	16.89	16.56		
20	256QAM	50	0	16.84	16.82	16.61	17.5	0
20	256QAM	50	24	16.73	16.78	16.48		
20	256QAM	50	50	16.78	16.72	16.46		
20	256QAM	100	0	16.84	16.70	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.94	17.04	16.78	17.5	0
15	QPSK	1	37	17.02	16.79	16.63		
15	QPSK	1	74	16.87	16.90	16.62		
15	QPSK	36	0	16.80	16.81	16.51	17.5	0
15	QPSK	36	20	16.72	16.59	16.38		
15	QPSK	36	39	16.78	16.64	16.44		
15	QPSK	75	0	16.57	16.68	16.40		
15	16QAM	1	0	16.79	16.72	16.48	17.5	0
15	16QAM	1	37	16.61	16.71	16.54		
15	16QAM	1	74	16.75	16.64	16.46		
15	16QAM	36	0	16.60	16.63	16.50	17.5	0
15	16QAM	36	20	16.68	16.69	16.38		
15	16QAM	36	39	16.76	16.59	16.37		
15	16QAM	75	0	16.73	16.53	16.39		
15	64QAM	1	0	16.74	16.64	16.49	17.5	0
15	64QAM	1	37	16.65	16.52	16.46		
15	64QAM	1	74	16.71	16.75	16.47		
15	64QAM	36	0	16.67	16.63	16.47	17.5	0
15	64QAM	36	20	16.69	16.63	16.37		
15	64QAM	36	39	16.71	16.68	16.45		
15	64QAM	75	0	16.67	16.68	16.47		
15	256QAM	1	0	16.77	16.70	16.54	17.5	0
15	256QAM	1	37	16.62	16.76	16.49		
15	256QAM	1	74	16.75	16.58	16.41		
15	256QAM	36	0	16.73	16.77	16.47	17.5	0
15	256QAM	36	20	16.60	16.66	16.38		
15	256QAM	36	39	16.63	16.57	16.39		
15	256QAM	75	0	16.71	16.64	16.42		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.89	16.97	16.73	17.5	0
10	QPSK	1	25	16.97	16.87	16.61		
10	QPSK	1	49	16.90	16.88	16.59		
10	QPSK	25	0	16.77	16.77	16.59	17.5	0
10	QPSK	25	12	16.73	16.60	16.41		
10	QPSK	25	25	16.69	16.59	16.40		
10	QPSK	50	0	16.66	16.70	16.43		
10	16QAM	1	0	16.73	16.73	16.46	17.5	0
10	16QAM	1	25	16.65	16.76	16.50		
10	16QAM	1	49	16.72	16.64	16.43		
10	16QAM	25	0	16.64	16.65	16.52	17.5	0
10	16QAM	25	12	16.69	16.74	16.30		
10	16QAM	25	25	16.73	16.51	16.47		
10	16QAM	50	0	16.74	16.56	16.44		
10	64QAM	1	0	16.72	16.62	16.50	17.5	0
10	64QAM	1	25	16.65	16.48	16.50		
10	64QAM	1	49	16.75	16.71	16.48		
10	64QAM	25	0	16.70	16.70	16.52	17.5	0
10	64QAM	25	12	16.76	16.68	16.37		
10	64QAM	25	25	16.72	16.68	16.48		
10	64QAM	50	0	16.70	16.72	16.47		
10	256QAM	1	0	16.83	16.67	16.58	17.5	0
10	256QAM	1	25	16.65	16.76	16.50		
10	256QAM	1	49	16.81	16.63	16.47		
10	256QAM	25	0	16.73	16.68	16.50	17.5	0
10	256QAM	25	12	16.68	16.64	16.42		
10	256QAM	25	25	16.70	16.57	16.40		
10	256QAM	50	0	16.68	16.59	16.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.89	17.04	16.73	17.5	0
5	QPSK	1	12	17.04	16.83	16.67		
5	QPSK	1	24	16.83	16.91	16.64		
5	QPSK	12	0	16.77	16.77	16.51	17.5	0
5	QPSK	12	7	16.71	16.51	16.42		
5	QPSK	12	13	16.68	16.65	16.40		
5	QPSK	25	0	16.59	16.70	16.44		
5	16QAM	1	0	16.71	16.66	16.39	17.5	0
5	16QAM	1	12	16.65	16.68	16.47		
5	16QAM	1	24	16.74	16.69	16.51		
5	16QAM	12	0	16.67	16.63	16.46	17.5	0
5	16QAM	12	7	16.70	16.71	16.35		
5	16QAM	12	13	16.67	16.61	16.37		
5	16QAM	25	0	16.77	16.58	16.42	17.5	0
5	64QAM	1	0	16.69	16.64	16.55		
5	64QAM	1	12	16.66	16.47	16.49		
5	64QAM	1	24	16.77	16.70	16.44		
5	64QAM	12	0	16.65	16.60	16.48	17.5	0
5	64QAM	12	7	16.70	16.68	16.34		
5	64QAM	12	13	16.82	16.76	16.41		
5	64QAM	25	0	16.70	16.76	16.51		
5	256QAM	1	0	16.82	16.65	16.49	17.5	0
5	256QAM	1	12	16.57	16.65	16.48		
5	256QAM	1	24	16.80	16.60	16.40		
5	256QAM	12	0	16.77	16.73	16.47	17.5	0
5	256QAM	12	7	16.61	16.70	16.34		
5	256QAM	12	13	16.65	16.61	16.36		
5	256QAM	25	0	16.78	16.58	16.44		

Band 26_Ant 0_Other PA

BW [MHz]	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	23.91	23.98	23.73	25	0
15	QPSK	1	37	23.68	23.80	23.53		
15	QPSK	1	74	23.88	23.78	23.62		
15	QPSK	36	0	22.90	22.94	22.65	24	1
15	QPSK	36	20	22.76	22.79	22.57		
15	QPSK	36	39	22.81	22.77	22.57		
15	QPSK	75	0	22.78	22.82	22.67		
15	16QAM	1	0	22.87	22.96	22.92	24	1
15	16QAM	1	37	22.80	22.94	22.69		
15	16QAM	1	74	22.95	22.97	22.86

Band 26_Ant 1_Other PA

BW [MHz]	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	19.83	19.87	19.76	21.5	0
15	QPSK	1	37	19.62	19.73	19.55		
15	QPSK	1	74	19.80	19.77	19.56		
15	QPSK	36	0	19.70	19.72	19.61	21.5	0
15	QPSK	36	20	19.57	19.57	19.51		
15	QPSK	36	39	19.62	19.60	19.53		
15	QPSK	75	0	19.54	19.61	19.59		
15	16QAM	1	0	19.72	19.76	19.66	21.5	0
15	16QAM	1	37	19.66	19.70	19.54		
15	16QAM	1	74	19.74	19.76	19.61		
15	16QAM	36	0	19.69	19.68	19.69	21.5	0
15	16QAM	36	20	19.56	19.62	19.64		
15	16QAM	36	39	19.67	19.65	19.62		
15	16QAM	75	0	19.63	19.60	19.66		
15	64QAM	1	0	19.69	19.66	19.85	21.5	0
15	64QAM	1	37	19.51	19.72	19.57		
15	64QAM	1	74	19.77	19.65	19.75		
15	64QAM	36	0	19.51	19.68	19.62	21.5	0
15	64QAM	36	20	19.66	19.56	19.57		
15	64QAM	36	39	19.65	19.57	19.65		
15	64QAM	75	0	19.66	19.57	19.69		
15	256QAM	1	0	18.67	18.66	18.68	20	1.5
15	256QAM	1	37	18.56	18.57	18.60		
15	256QAM	1	74	18.51	18.49	18.45		
15	256QAM	36	0	18.46	18.49	18.37	20	1.5
15	256QAM	36	20	18.27	18.33	18.39		
15	256QAM	36	39	18.27	18.32	18.31		
15	256QAM	75	0	18.32	18.43	18.46		
Channel				26740	26965	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.76	19.71	19.60	21.5	0
10	QPSK	1	25	19.61	19.67	19.56		
10	QPSK	1	49	19.80	19.82	19.60		
10	QPSK	25	0	19.65	19.66	19.63	21.5	0
10	QPSK	25	12	19.64	19.64	19.50		
10	QPSK	25	25	19.52	19.51	19.63		
10	QPSK	50	0	19.64	19.65	19.60		
10	16QAM	1	0	19.82	19.76	19.76	21.5	0
10	16QAM	1	25	19.53	19.59	19.58		
10	16QAM	1	49	19.59	19.61	19.73		
10	16QAM	25	0	19.62	19.53	19.62	21.5	0
10	16QAM	25	12	19.62	19.69	19.52		
10	16QAM	25	25	19.58	19.57	19.55		
10	16QAM	50	0	19.58	19.50	19.54		
10	64QAM	1	0	19.53	19.55	19.75	21.5	0
10	64QAM	1	25	19.64	19.56	19.57		
10	64QAM	1	49	19.67	19.50	19.66		
10	64QAM	25	0	19.63	19.54	19.59	21.5	0
10	64QAM	25	12	19.61	19.65	19.51		
10	64QAM	25	25	19.51	19.66	19.60		
10	64QAM	50	0	19.58	19.51	19.56		
10	256QAM	1	0	18.51	18.60	18.63	20	1.5
10	256QAM	1	25	18.47	18.44	18.44		
10	256QAM	1	49	18.37	18.38	18.35		
10	256QAM	25	0	18.36	18.38	18.26	20	1.5
10	256QAM	25	12	18.21	18.22	18.30		
10	256QAM	25	25	18.14	18.25	18.20		
10	256QAM	50	0	18.24	18.28	18.38		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.76	19.74	19.63	21.5	0
5	QPSK	1	12	19.67	19.78	19.53		
5	QPSK	1	24	19.80	19.78	19.55		
5	QPSK	12	0	19.59	19.64	19.57	21.5	0
5	QPSK	12	7	19.63	19.68	19.55		
5	QPSK	12	13	19.74	19.70	19.68		
5	QPSK	25	0	19.59	19.68	19.53	21.5	0
5	16QAM	1	0	19.63	19.69	19.73		
5	16QAM	1	12	19.52	19.64	19.59		
5	16QAM	1	24	19.67	19.60	19.74	21.5	0
5	16QAM	12	0	19.60	19.60	19.63		
5	16QAM	12	7	19.63	19.55	19.56		
5	16QAM	12	13	19.56	19.56	19.55		
5	16QAM	25	0	19.56	19.55	19.50		
5	64QAM	1	0	19.56	19.60	19.75	21.5	0
5	64QAM	1	12	19.62	19.63	19.54		
5	64QAM	1	24	19.78	19.53	19.68		
5	64QAM	12	0	19.63	19.54	19.58	21.5	0
5	64QAM	12	7	19.60	19.65	19.57		
5	64QAM	12	13	19.56	19.64	19.58		
5	64QAM	25	0	19.55	19.63	19.62		
5	256QAM	1	0	18.56	18.61	18.56	20	1.5
5	256QAM	1	12	18.50	18.52	18.49		
5	256QAM	1	24	18.24	18.36	18.33		
5	256QAM	12	0	18.28	18.28	18.20	20	1.5
5	256QAM	12	7	18.05	18.18	18.13		
5	256QAM	12	13	18.07	18.11	18.15		
5	256QAM	25	0	18.11	18.26	18.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.78	19.74	19.71	21.5	0
3	QPSK	1	8	19.64	19.71	19.52		
3	QPSK	1	14	19.78	19.77	19.55		
3	QPSK	8	0	19.63	19.57	19.58	21.5	0
3	QPSK	8	4	19.61	19.66	19.57		
3	QPSK	8	7	19.68	19.71	19.59		
3	QPSK	15	0	19.61	19.66	19.57		
3	16QAM	1	0	19.60	19.64	19.61	21.5	0
3	16QAM	1	8	19.56	19.63	19.68		
3	16QAM	1	14	19.66	19.61	19.54		
3	16QAM	8	0	19.64	19.54	19.63	21.5	0
3	16QAM	8	4	19.63	19.50	19.52		
3	16QAM	8	7	19.59	19.55	19.56		
3	16QAM	15	0	19.52	19.65	19.52		
3	64QAM	1	0	19.63	19.58	19.80	21.5	0
3	64QAM	1	8	19.59	19.62	19.64		
3	64QAM	1	14	19.61	19.59	19.66		
3	64QAM	8	0	19.65	19.54	19.50	21.5	0
3	64QAM	8	4	19.51	19.63	19.58		
3	64QAM	8	7	19.53	19.52	19.60		
3	64QAM	15	0	19.50	19.64	19.59		
3	256QAM	1	0	18.45	18.42	18.50	20	1.5
3	256QAM	1	8	18.32	18.38	18.34		
3	256QAM	1	14	18.29	18.29	18.28		
3	256QAM	8	0	18.24	18.34	18.15	20	1.5
3	256QAM	8	4	18.09	18.13	18.14		
3	256QAM	8	7	18.07	18.13	18.08		
3	256QAM	15	0	18.14	18.18	18.25		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.70	19.71	19.62	21.5	0
1.4	QPSK	1	3	19.68	19.65	19.69		
1.4	QPSK	1	5	19.71	19.65	19.66		
1.4	QPSK	3	0	19.54	19.63	19.65		
1.4	QPSK	3	1	19.61	19.57	19.64		
1.4	QPSK	3	3	19.56	19.58	19.50		
1.4	QPSK	6	0	19.62	19.63	19.53		
1.4	16QAM	1	0	19.76	19.77	19.65	21.5	0
1.4	16QAM	1	3	19.64	19.65	19.54		
1.4	16QAM	1	5	19.52	19.51	19.62		
1.4	16QAM	3	0	19.64	19.64	19.52		
1.4	16QAM	3	1	19.56	19.62	19.64		
1.4	16QAM	3	3	19.62	19.61	19.60		
1.4	16QAM	6	0	19.58	19.55	19.59	21.5	0
1.4	64QAM	1	0	19.62	19.67	19.64	21.5	0
1.4	64QAM	1	3	19.66	19.69	19.60		
1.4	64QAM	1	5	19.77	19.65	19.51		
1.4	64QAM	3	0	19.65	19.68	19.56		
1.4	64QAM	3	1	19.64	19.60	19.58		
1.4	64QAM	3	3	19.63	19.60	19.64		
1.4	64QAM	6	0	19.70	19.56	19.51	21.5	0
1.4	256QAM	1	0	18.45	18.40	18.45	20	1.5
1.4	256QAM	1	3	18.34	18.35	18.43		
1.4	256QAM	1	5	18.33	18.31	18.27		
1.4	256QAM	3	0	18.26	18.25	18.21		
1.4	256QAM	3	1	18.01	18.10	18.16		
1.4	256QAM	3	3	18.02	18.15	18.07		
1.4	256QAM	6	0	18.12	18.25	18.26	20	1.5

Band 66_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.58	16.63	16.45	17.5	0
20	QPSK	1	49	16.51	16.61	16.34		
20	QPSK	1	99	16.45	16.51	16.37		
20	QPSK	50	0	16.37	16.44	16.33	17.5	0
20	QPSK	50	24	16.33	16.30	16.23		
20	QPSK	50	50	16.36	16.30	16.22		
20	QPSK	100	0	16.34	16.38	16.15		
20	16QAM	1	0	16.53	16.57	16.24	17.5	0
20	16QAM	1	49	16.46	16.35	16.31		
20	16QAM	1	99	16.46	16.18	16.22		
20	16QAM	50	0	16.40	16.23	16.29	17.5	0
20	16QAM	50	24	16.39	16.24	16.22		
20	16QAM	50	50	16.37	16.29	16.08		
20	16QAM	100	0	16.31	16.28	16.17		
20	64QAM	1	0	16.36	16.35	16.19	17.5	0
20	64QAM	1	49	16.43	16.33	16.29		
20	64QAM	1	99	16.47	16.05	16.19		
20	64QAM	50	0	16.40	16.30	16.33	17.5	0
20	64QAM	50	24	16.34	16.22	16.24		
20	64QAM	50	50	16.41	16.29	16.11		
20	64QAM	100	0	16.43	16.34	16.14		
20	256QAM	1	0	16.39	16.34	16.35	20	1.5
20	256QAM	1	49	16.40	16.44	16.30		
20	256QAM	1	99	16.20	16.23	16.24		
20	256QAM	50	0	16.17	16.23	16.14	17.5	0
20	256QAM	50	24	16.10	16.14	16.23		
20	256QAM	50	50	16.29	16.23	16.29		
20	256QAM	100	0	16.31	16.28	16.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.46	16.50	16.36	17.5	0
15	QPSK	1	37	16.36	16.53	16.28		
15	QPSK	1	74	16.38	16.36	16.32		
15	QPSK	36	0	16.21	16.36	16.28	17.5	0
15	QPSK	36	20	16.23	16.20	16.14		
15	QPSK	36	39	16.30	16.22	16.14		
15	QPSK	75	0	16.29	16.26	16.06		
15	16QAM	1	0	16.37	16.51	16.18	17.5	0
15	16QAM	1	37	16.31	16.26	16.19		
15	16QAM	1	74	16.41	16.10	16.16		
15	16QAM	36	0	16.34	16.12	16.16	17.5	0
15	16QAM	36	20	16.23	16.18	16.14		
15	16QAM	36	39	16.27	16.22	15.95		
15	16QAM	75	0	16.24	16.15	16.11		
15	64QAM	1	0	16.24	16.29	16.10	17.5	0
15	64QAM	1	37	16.31	16.18	16.13		
15	64QAM	1	74	16.34	15.90	16.03		
15	64QAM	36	0	16.32	16.21	16.26	17.5	0
15	64QAM	36	20	16.19	16.06	16.09		
15	64QAM	36	39	16.29	16.22	15.99		
15	64QAM	75	0	16.29	16.17	16.04		
15	256QAM	1	0	16.34	16.28	16.20	17.5	0
15	256QAM	1	37	16.33	16.32	16.21		
15	256QAM	1	74	16.11	16.16	16.11		
15	256QAM	36	0	16.10	16.10	16.01	17.5	0
15	256QAM	36	20	16.00	16.04	16.10		
15	256QAM	36	39	16.18	16.08	16.23		
15	256QAM	75	0	16.17	16.01	16.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.44	16.52	16.40	17.5	0
10	QPSK	1	25	16.42	16.50	16.19		
10	QPSK	1	49	16.34	16.44	16.24		
10	QPSK	25	0	16.22	16.36	16.21	17.5	0
10	QPSK	25	12	16.18	16.18	16.08		
10	QPSK	25	25	16.23	16.20	16.08		
10	QPSK	50	0	16.22	16.29	15.99		
10	16QAM	1	0	16.40	16.46	16.13	17.5	0
10	16QAM	1	25	16.36	16.20	16.26		
10	16QAM	1	49	16.31	16.03	16.07		
10	16QAM	25	0	16.31	16.10	16.18	17.5	0
10	16QAM	25	12	16.31	16.09	16.11		
10	16QAM	25	25	16.27	16.15	16.01		
10	16QAM	50	0	16.23	16.20	16.01		
10	64QAM	1	0	16.20	16.22	16.08	17.5	0
10	64QAM	1	25	16.31	16.19	16.22		
10	64QAM	1	49	16.36	15.96	16.09		
10	64QAM	25	0	16.32	16.22	16.18	17.5	0
10	64QAM	25	12	16.28	16.09	16.11		
10	64QAM	25	25	16.25	16.15	15.98		
10	64QAM	50	0	16.34	16.19	16.05		
10	256QAM	1	0	16.26	16.26	16.21	17.5	0
10	256QAM	1	25	16.25	16.28	16.20		
10	256QAM	1	49	16.09	16.10	16.09		
10	256QAM	25	0	16.05	16.10	16.05	17.5	0
10	256QAM	25	12	15.98	16.08	16.14		
10	256QAM	25	25	16.23	16.11	16.23		
10	256QAM	50	0	16.18	16.13	16.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.44	16.44	16.39	17.5	0
5	QPSK	1	12	16.45	16.54	16.20		
5	QPSK	1	24	16.37	16.44	16.34		
5	QPSK	12	0	16.21	16.39	16.19	17.5	0
5	QPSK	12	7	16.20	16.24	16.12		
5	QPSK	12	13	16.31	16.25	16.16		
5	QPSK	25	0	16.28	16.27	16.00	17.5	0
5	16QAM	1	0	16.40	16.45	16.11		
5	16QAM	1	12	16.33	16.25	16.19		
5	16QAM	1	24	16.31	16.08	16.11		
5	16QAM	12	0	16.24	16.15	16.20	17.5	0
5	16QAM	12	7	16.33	16.15	16.14		
5	16QAM	12	13	16.21	16.17	15.94		
5	16QAM	25	0	16.18	16.15	16.04	17.5	0
5	64QAM	1	0	16.30	16.21	16.06		
5	64QAM	1	12	16.28	16.23	16.13		
5	64QAM	1	24	16.31	15.99	16.05		
5	64QAM	12	0	16.25	16.14	16.25	17.5	0
5	64QAM	12	7	16.18	16.16	16.10		
5	64QAM	12	13	16.34	16.21	15.95		
5	64QAM	25	0	16.36	16.19	16.06	17.5	0
5	256QAM	1	0	16.23	16.20	16.22		
5	256QAM	1	12	16.32	16.32	16.15		
5	256QAM	1	24	16.14	16.15	16.14		
5	256QAM	12	0	16.02	16.14	16.07	17.5	0
5	256QAM	12	7	16.05	16.01	16.09		
5	256QAM	12	13	16.16	16.09	16.22		
5	256QAM	25	0	16.21	16.23	16.07	17.5	0
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.52	16.51	16.33	17.5	0
3	QPSK	1	8	16.35	16.48	16.22		
3	QPSK	1	14	16.49	16.43	16.21		
3	QPSK	8	0	16.23	16.31	16.18	17.5	0
3	QPSK	8	4	16.18	16.17	16.08		
3	QPSK	8	7	16.20	16.15	16.15		
3	QPSK	15	0	16.22	16.30	16.01	17.5	0
3	16QAM	1	0	16.46	16.43	16.11		
3	16QAM	1	8	16.30	16.20	16.25		
3	16QAM	1	14	16.31	16.04	16.10	17.5	0
3	16QAM	8	0	16.39	16.09	16.19		
3	16QAM	8	4	16.26	16.19	16.11		
3	16QAM	8	7	16.24	16.13	15.94		
3	16QAM	15	0	16.18	16.23	16.04	17.5	0
3	64QAM	1	0	16.22	16.22	16.07		
3	64QAM	1	8	16.28	16.18	16.22		
3	64QAM	1	14	16.26	15.90	16.04		
3	64QAM	8	0	16.27	16.22	16.18	17.5	0
3	64QAM	8	4	16.27	16.08	16.09		
3	64QAM	8	7	16.29	16.15	16.02		
3	64QAM	15	0	16.34	16.09	16.04	17.5	0
3	256QAM	1	0	16.31	16.26	16.30		
3	256QAM	1	8	16.34	16.38	16.22		
3	256QAM	1	14	16.05	16.12	16.08		
3	256QAM	8	0	16.03	16.17	16.01	17.5	0
3	256QAM	8	4	16.00	16.09	16.10		
3	256QAM	8	7	16.14	16.18	16.22		
3	256QAM	15	0	16.15	16.14	16.10	17.5	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.48	16.53	16.30	17.5	0
1.4	QPSK	1	3	16.43	16.49	16.22		
1.4	QPSK	1	5	16.33	16.42	16.29		
1.4	QPSK	3	0	16.27	16.30	16.22		
1.4	QPSK	3	1	16.28	16.21	16.09		
1.4	QPSK	3	3	16.26	16.21	16.07		
1.4	QPSK	6	0	16.19	16.33	16.02	17.5	0
1.4	16QAM	1	0	16.46	16.45	16.10	17.5	0
1.4	16QAM	1	3	16.41	16.27	16.23		
1.4	16QAM	1	5	16.37	16.07	16.10		
1.4	16QAM	3	0	16.32	16.12	16.14		
1.4	16QAM	3	1	16.24	16.19	16.12		
1.4	16QAM	3	3	16.29	16.24	15.99		
1.4	16QAM	6	0	16.24	16.16	16.11	17.5	0
1.4	64QAM	1	0	16.22	16.15	16.05	17.5	0
1.4	64QAM	1	3	16.29	16.21	16.20		
1.4	64QAM	1	5	16.29	15.98	16.13		
1.4	64QAM	3	0	16.29	16.14	16.18		
1.4	64QAM	3	1	16.20	16.07	16.19		
1.4	64QAM	3	3	16.35	16.13	16.00		
1.4	64QAM	6	0	16.38	16.17	16.00	17.5	0
1.4	256QAM	1	0	16.32	16.27	16.25	17.5	0
1.4	256QAM	1	3	16.27	16.30	16.16		
1.4	256QAM	1	5	16.08	16.12	16.18		
1.4	256QAM	3	0	16.01	16.09	16.01		
1.4	256QAM	3	1	15.97	16.04	16.18		
1.4	256QAM	3	3	16.16	16.09	16.14		
1.4	256QAM	6	0	16.17	16.17	16.11	17.5	0

Band 66_Ant 2_Other PA

BW [MHz]	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	22.85	22.97	22.73	24	0
20	QPSK	1	49	22.78	22.95	22.63		
20	QPSK	1	99	22.79	22.69	22.71		
20	QPSK	50	0	22.70	22.76	22.61	24	0
20	QPSK	50	24	22.58	22.62	22.57		
20	QPSK	50	50	22.61	22.55	22.43		
20	QPSK	100	0	22.70	22.72	22.54		
20	16QAM	1	0	22.67	22.77	22.62	24	0
20	16QAM	1	49	22.79	22.71	22.52		
20	16QAM	1	99	22.65	22.45	22.47		
20	16QAM	50	0	21.86	21.79	21.89	23	1
20	16QAM	50	24	22.77	21.89	21.73		
20	16QAM	50	50	21.83	21.85	21.63		
20	16QAM	100	0	21.91	21.79	21.67		
20	64QAM	1	0	22.03	22.17	21.84	23	1
20	64QAM	1	49	22.01	21.86	21.89		
20	64QAM	1	99	21.89	21.70	21.66		
20	64QAM	50	0	20.80	20.78	20.66	22	2
20	64QAM	50	24	20.86	20.79	20.69		
20	64QAM	50	50	20.86	20.91	20.63		
20	64QAM	100	0	20.76	20.84	20.78		
20	256QAM	1	0	18.91	18.82	18.90	20	4
20	256QAM	1	49	18.90	18.95	18.85		
20	256QAM	1	99	18.80	18.86	18.86		
20	256QAM	50	0	18.78	18.75	18.81	20	4
20	256QAM	50	24	18.82	18.82	18.83		
20	256QAM	50	50	18.75	18.79	18.74		
20	256QAM	100	0	18.83	18.71	18.68		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.70	22.71	22.62	24	0
15	QPSK	1	37	22.65	22.83	22.55		
15	QPSK	1	74	22.70	22.53	22.58		
15	QPSK	36	0	21.61	22.66	22.44	24	0
15	QPSK	36	20	22.53	22.57	22.48		
15	QPSK	36	39	22.48	22.44	22.27		
15	QPSK	75	0	22.55	22.65	22.45		
15	16QAM	1	0	22.67	22.67	22.46	24	0
15	16QAM	1	37	22.70	22.59	22.39		
15	16QAM	1	74	22.56	22.31	22.31

Band 66_Ant 3_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.91	16.98	16.88		
20	QPSK	1	49	16.91	16.79	16.57	18.5	0
20	QPSK	1	99	16.73	16.76	16.63		
20	QPSK	50	0	16.74	16.97	16.61		
20	QPSK	50	24	16.62	16.60	16.52	18.5	0
20	QPSK	50	50	16.63	16.57	16.51		
20	QPSK	100	0	16.66	16.76	16.55		
20	16QAM	1	0	16.89	16.80	16.75		
20	16QAM	1	49	16.91	16.77	16.57	18.5	0
20	16QAM	1	99	16.76	16.50	16.58		
20	16QAM	50	0	16.81	16.70	16.60		
20	16QAM	50	24	16.76	16.57	16.58	18.5	0
20	16QAM	50	50	16.72	16.59	16.53		
20	16QAM	100	0	16.70	16.60	16.52		
20	64QAM	1	0	16.92	16.71	16.63		
20	64QAM	1	49	16.80	16.61	16.67	18.5	0
20	64QAM	1	99	16.63	16.52	16.58		
20	64QAM	50	0	16.73	16.67	16.57		
20	64QAM	50	24	16.82	16.55	16.63	18.5	0
20	64QAM	50	50	16.73	16.63	16.60		
20	64QAM	100	0	16.68	16.55	16.56		
20	256QAM	1	0	16.72	16.70	16.69		
20	256QAM	1	49	16.67	16.63	16.78	18.5	0
20	256QAM	1	99	16.64	16.65	16.76		
20	256QAM	50	0	16.64	16.68	16.69		
20	256QAM	50	24	16.57	16.60	16.51	18.5	0
20	256QAM	50	50	16.54	16.56	16.68		
20	256QAM	100	0	16.72	16.60	16.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.85	16.92	16.80		
15	QPSK	1	37	16.83	16.63	16.50	18.5	0
15	QPSK	1	74	16.58	16.62	16.58		
15	QPSK	36	0	16.65	16.92	16.56		
15	QPSK	36	20	16.54	16.59	16.50	18.5	0
15	QPSK	36	39	16.57	16.57	16.53		
15	QPSK	75	0	16.61	16.89	16.59		
15	16QAM	1	0	16.77	16.91	16.76		
15	16QAM	1	37	16.84	16.91	16.59	18.5	0
15	16QAM	1	74	16.62	16.56	16.55		
15	16QAM	36	0	16.70	16.78	16.64		
15	16QAM	36	20	16.63	16.69	16.58	18.5	0
15	16QAM	36	39	16.56	16.68	16.57		
15	16QAM	75	0	16.63	16.67	16.59		
15	64QAM	1	0	16.77	16.75	16.60		
15	64QAM	1	37	16.66	16.69	16.71	18.5	0
15	64QAM	1	74	16.57	16.51	16.58		
15	64QAM	36	0	16.65	16.80	16.60		
15	64QAM	36	20	16.66	16.69	16.68	18.5	0
15	64QAM	36	39	16.58	16.76	16.62		
15	64QAM	75	0	16.61	16.67	16.61		
15	256QAM	1	0	16.60	16.64	16.63		
15	256QAM	1	37	16.62	16.50	16.67	18.5	0
15	256QAM	1	74	16.68	16.70	16.68		
15	256QAM	36	0	16.70	16.74	16.83		
15	256QAM	36	20	16.55	16.64	16.56	18.5	0
15	256QAM	36	39	16.60	16.71	16.75		
15	256QAM	75	0	16.59	16.55	16.55		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.86	16.82	16.78		
10	QPSK	1	25	16.82	16.71	16.52	18.5	0
10	QPSK	1	49	16.68	16.86	16.78		
10	QPSK	25	0	16.65	16.89	16.66		
10	QPSK	25	12	16.56	16.63	16.55	18.5	0
10	QPSK	25	25	16.56	16.60	16.55		
10	QPSK	50	0	16.60	16.86	16.55		
10	16QAM	1	0	16.82	16.95	16.79		
10	16QAM	1	25	16.82	16.92	16.56	18.5	0
10	16QAM	1	49	16.64	16.63	16.63		
10	16QAM	25	0	16.67	16.78	16.56		
10	16QAM	25	12	16.67	16.61	16.53	18.5	0
10	16QAM	25	25	16.66	16.69	16.58		
10	16QAM	50	0	16.60	16.75	16.51		
10	64QAM	1	0	16.79	16.80	16.61		
10	64QAM	1	25	16.70	16.73	16.68	18.5	0
10	64QAM	1	49	16.51	16.55	16.62		
10	64QAM	25	0	16.59	16.75	16.59		
10	64QAM	25	12	16.77	16.64	16.65	18.5	0
10	64QAM	25	25	16.64	16.75	16.62		
10	64QAM	50	0	16.62	16.63	16.59		
10	256QAM	1	0	16.60	16.58	16.63		
10	256QAM	1	25	16.55	16.52	16.69	18.5	0
10	256QAM	1	49	16.52	16.56	16.63		
10	256QAM	25	0	16.68	16.83	16.78		
10	256QAM	25	12	16.62	16.74	16.61	18.5	0
10	256QAM	25	25	16.62	16.61	16.75		
10	256QAM	50	0	16.58	16.52	16.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.77	16.93	16.78		
5	QPSK	1	12	16.80	16.73	16.50	18.5	0
5	QPSK	1	24	16.57	16.63	16.55		
5	QPSK	12	0	16.68	16.85	16.55		
5	QPSK	12	7	16.54	16.65	16.57	18.5	0
5	QPSK	12	13	16.54	16.62	16.57		
5	QPSK	25	0	16.56	16.90	16.55		
5	16QAM	1	0	16.78	16.86	16.78		
5	16QAM	1	12	16.79	16.81	16.56	18.5	0
5	16QAM	1	24	16.64	16.62	16.53		
5	16QAM	12	0	16.76	16.74	16.65		
5	16QAM	12	7	16.68	16.70	16.50	18.5	0
5	16QAM	12	13	16.62	16.65	16.58		
5	16QAM	25	0	16.62	16.74	16.59		
5	64QAM	1	0	16.86	16.75	16.67		
5	64QAM	1	12	16.74	16.75	16.66	18.5	0
5	64QAM	1	24	16.57	16.53	16.63		
5	64QAM	12	0	16.57	16.80	16.57		
5	64QAM	12	7	16.66	16.63	16.67	18.5	0
5	64QAM	12	13	16.67	16.71	16.64		
5	64QAM	25	0	16.60	16.70	16.55		
5	256QAM	1	0	16.62	16.59	16.55		
5	256QAM	1	12	16.56	16.56	16.73	18.5	0
5	256QAM	1	24	16.53	16.54	16.63		
5	256QAM	12	0	16.55	16.59	16.54		
5	256QAM	12	7	16.59	16.69	16.63	18.5	0
5	256QAM	12	13	16.69	16.63	16.78		
5	256QAM	25	0	16.79	16.65	16.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.79	16.91	16.80		
3	QPSK	1	8	16.82	16.69	16.51	18.5	0
3	QPSK	1	14	16.59	16.83	16.69		
3	QPSK	8	0	16.63	16.89	16.58		
3	QPSK	8	4	16.54	16.60	16.51	18.5	0
3	QPSK	8	7	16.54	16.55	16.54		
3	QPSK	15	0	16.56	16.84	16.53		
3	16QAM	1	0	16.82	16.94	16.80		
3	16QAM	1	8	16.78	16.87	16.58	18.5	0
3	16QAM	1	14	16.61	16.60	16.61		
3	16QAM	8	0	16.73	16.83	16.58		
3	16QAM	8	4	16.62	16.61	16.51	18.5	0
3	16QAM	8	7	16.63	16.71	16.58		
3	16QAM	15	0	16.59	16.72	16.53		
3	64QAM	1	0	16.83	16.76	16.57		
3	64QAM	1	8	16.71	16.74	16.65	18.5	0
3	64QAM	1	14	16.53	16.53	16.59		
3	64QAM	8	0	16.67	16.76	16.62		
3	64QAM	8	4	16.76	16.60	16.57	18.5	0
3	64QAM	8	7	16.62	16.71	16.54		
3	64QAM	15	0	16.60	16.65	16.59		
3	256QAM	1	0	16.60	16.76	16.77		
3	256QAM	1	8	16.62	16.68	16.60	18.5	0
3	256QAM	1	14	16.55	16.79	16.87		
3	256QAM	8	0	16.55	16.74	16.80		
3	256QAM	8	4	16.60	16.69	16.60	18.5	0
3	256QAM	8	7	16.63	16.61	16.72		
3	256QAM	15	0	16.58	16.54	16.58		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.86	16.84	16.74		
1.4	QPSK	1	3	16.84	16.91	16.69		
1.4	QPSK	1	5	16.58	16.82	16.71	18.5	0
1.4	QPSK	3	0	16.65	16.88	16.61		
1.4	QPSK	3	1	16.66	16.65	16.57		
1.4	QPSK	3	3	16.54	16.55	16.50		
1.4	QPSK	6	0	16.51	16.84	16.52	18.5	0
1.4	16QAM	1	0	16.74	16.92	16.79		
1.4	16QAM	1	3	16.81	16.83	16.52		
1.4	16QAM	1	5	16.62	16.60	16.61	18.5	0
1.4	16QAM	3	0	16.76	16.76	16.56		
1.4	16QAM	3	1	16.62	16.66	16.56		
1.4	16QAM	3	3	16.64	16.67	16.55		
1.4	16QAM	6	0	16.64	16.65	16.59	18.5	0
1.4	64QAM	1	0	16.85	16.75	16.65		
1.4	64QAM	1	3	16.70	16.72	16.65		
1.4	64QAM	1	5	16.67	16.55	16.56	18.5	0
1.4	64QAM	3	0	16.67	16.73	16.59		
1.4	64QAM	3	1	16.74	16.64	16.64		
1.4	64QAM	3	3	16.60	16.69	16.63		
1.4	64QAM	6	0	16.58	16.68	16.57	18.5	0
1.4	256QAM	1	0	16.58	16.56	16.64		
1.4	256QAM	1	3	16.58	16.56	16.67		
1.4	256QAM	1	5	16.58	16.58	16.67	18.5	0
1.4	256QAM	3	0	16.50	16.56	16.55		
1.4	256QAM	3	1	16.52	16.72	16.57		
1.4	256QAM	3	3	16.60	16.65	16.74		
1.4	256QAM	6	0	16.87	16.67	16.77	18.5	0

Band 38_Ant 4_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.66	15.68	15.66		
20	QPSK	1	49	15.56	15.47	15.39	17	0
20	QPSK	1	99	15.62	15.56	15.65		
20	QPSK	50	0	15.37	15.43	15.39		
20	QPSK	50	24	15.31	15.30	15.22	17	0
20	QPSK	50	50	15.31	15.28	15.30		
20	QPSK	100	0	15.30	15.37	15.25		
20	16QAM	1	0	15.25	15.24	15.15		
20	16QAM	1	49	15.39	15.16	15.12	17	0
20	16QAM	1	99	15.42	15.23	15.20		
20	16QAM	50	0	15.35	15.35	15.18		
20	16QAM	50	24	15.34	15.26	15.19	17	0
20	16QAM	50	50	15.38	15.39	15.29		
20	16QAM	100	0	15.45	15.25	15.35		
20	64QAM	1	0	15.23	15.07	15.07		
20	64QAM	1	49	15.27	15.08	15.04	17	0
20	64QAM	1	99	15.28	15.27	15.12		
20	64QAM	50	0	15.36	15.30	15.36		
20	64QAM	50	24	15.41	15.19	15.22	17	0
20	64QAM	50	50	15.39	15.36	15.25		
20	64QAM	100	0	15.36	15.31	15.35		
20	256QAM	1	0	15.29	15.08	15.04		
20	256QAM	1	49	15.29	15.11	15.14	17	0
20	256QAM	1	99	15.20	15.29	15.13		
20	256QAM	50	0	15.23	15.20	15.28		
20	256QAM	50	24	15.31	15.23	15.20	17	0
20	256QAM	50	50	15.11	15.02	15.22		
20	256QAM	100	0	15.07	15.10	15.13		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.51	15.60	15.48		
15	QPSK	1	37	15.47	15.38	15.27	17	0
15	QPSK	1	74	15.51	15.47	15.51		
15	QPSK	36	0	15.26	15.37	15.34		
15	QPSK	36	20	15.19	15.20	15.15	17	0
15	QPSK	36	39	15.23	15.21	15.16		
15	QPSK	75	0	15.22	15.23	15.09		
15	16QAM	1	0	15.18	15.11	15.04		
15	16QAM	1	37	15.25	15.07	15.05	17	0
15	16QAM	1	74	15.32	15.09	15.08		
15	16QAM	36	0	15.30	15.22	15.02		
15	16QAM	36	20	15.25	15.20	15.04	17	0
15	16QAM	36	39	15.24	15.31	15.23		
15	16QAM	75	0	15.30	15.12	15.19		
15	64QAM	1	0	15.29	15.10	15.05		
15	64QAM	1	37	15.26	15.07	15.11	17	0
15	64QAM	1	74	15.22	15.23	15.09		
15	64QAM	36	0	15.20	15.22	15.27		
15	64QAM	36	20	15.25	15.05	15.12	17	0
15	64QAM	36	39	15.26	15.20	15.19		
15	64QAM	75	0	15.26	15.17	15.21		
15	256QAM	1	0	15.30	15.07	15.06		
15	256QAM	1	37	15.31	15.09	15.09	17	0
15	256QAM	1	74	15.22	15.27	15.11		
15	256QAM	36	0	15.08	15.09	15.18		
15	256QAM	36	20	15.21	15.13	15.13	17	0
15	256QAM	36	39	15.03	15.03	15.07		
15	256QAM	75	0	15.05	15.06	15.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.50	15.59	15.45		
10	QPSK	1	25	15.42	15.32	15.27	17	0
10	QPSK	1	49	15.50	15.46	15.59		
10	QPSK	25	0	15.22	15.34	15.29		
10	QPSK	25	12	15.23	15.25	15.16	17	0
10	QPSK	25	25	15.20	15.15	15.14		
10	QPSK	50	0	15.24	15.23	15.18		
10	16QAM	1	0	15.19	15.18	15.06		
10	16QAM	1	25	15.31	15.09	15.05	17	0
10	16QAM	1	49	15.35	15.18	15.08		
10	16QAM	25	0	15.22	15.30	15.02		
10	16QAM	25	12	15.23	15.19	15.03	17	0
10	16QAM	25	25	15.29	15.28	15.20		
10	16QAM	50	0	15.29	15.12	15.28		
10	64QAM	1	0	15.24	15.11	15.04		
10	64QAM	1	25	15.28	15.15	15.14	17	0
10	64QAM	1	49	15.20	15.26	15.08		
10	64QAM	25	0	15.24	15.21	15.26		
10	64QAM	25	12	15.26	15.14	15.14	17	0
10	64QAM	25	25	15.24	15.31	15.18		
10	64QAM	50	0	15.29	15.17	15.25		
10	256QAM	1	0	15.24	15.05	15.07		
10	256QAM	1	25	15.27	15.17	15.15	17	0
10	256QAM	1	49	15.22	15.19	15.03		
10	256QAM	25	0	15.14	15.04	15.15		
10	256QAM	25	12	15.25	15.11	15.15	17	0
10	256QAM	25	25	15.03	15.03	15.17		
10	256QAM	50	0	15.02	15.05	15.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.59	15.53	15.53		
5	QPSK	1	12	15.43	15.41	15.29	17	0
5	QPSK	1	24	15.57	15.46	15.51		
5	QPSK	12	0	15.24	15.36	15.29		
5	QPSK	12	7	15.24	15.16	15.06	17	0
5	QPSK	12	13	15.20	15.21	15.15		
5	QPSK	25	0	15.22	15.28	15.19		
5	16QAM	1	0	15.12	15.12	15.02		
5	16QAM	1	12	15.33	15.08	15.00	17	0
5	16QAM	1	24	15.30	15.16	15.12		
5	16QAM	12	0	15.30	15.19	15.10		
5	16QAM	12	7	15.28	15.14	15.09	17	0
5	16QAM	12	13	15.22	15.32	15.19		
5	16QAM	25	0	15.39	15.15	15.20		
5	64QAM	1	0	15.25	15.09	15.03		
5	64QAM	1	12	15.36	15.16	15.11	17	0
5	64QAM	1	24	15.20	15.29	15.04		
5	64QAM	12	0	15.27	15.22	15.31		
5	64QAM	12	7	15.33	15.13	15.11	17	0
5	64QAM	12	13	15.25	15.28	15.09		
5	64QAM	25	0	15.31	15.15	15.23		
5	256QAM	1	0	15.34	15.02	15.07		
5	256QAM	1	12	15.34	15.07	15.09	17	0
5	256QAM	1	24	15.26	15.25	15.08		
5	256QAM	12	0	15.13	15.06	15.19		
5	256QAM	12	7	15.25	15.16	15.08	17	0
5	256QAM	12	13	15.00	15.00	15.15		
5	256QAM	25	0	15.02	15.06	15.06		

Band 38_Ant 2_Other PA

BW [MHz]	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	22.78	22.79	22.66		
20	QPSK	1	49	22.71	22.67	22.50	24.5	0
20	QPSK	1	99	22.67	22.67	22.59		
20	QPSK	50	0	21.76	21.77	21.63		
20	QPSK	50	24	21.75	21.62	21.51	23.5	1
20	QPSK	50	50	21.71	21.67	21.62		
20	QPSK	100	0	21.75	21.76	21.54		
20	16QAM	1	0	21.86	21.71	21.70		
20	16QAM	1	49	21.91	21.77	21.58	23.5	1
20	16QAM	1	99	21.84	21.77	21.65		
20	16QAM	50	0	20.81	20.74	20.71		
20	16QAM	50	24	20.81	20.79	20.58	22.5	2
20	16QAM	50	50	20.81	20.74	20.70		
20	16QAM	100	0	20.89	20.75	20.70		
20	64QAM	1	0	20.76	20.66	20.51		
20	64QAM	1	49	20.73	20.62	20.53	22.5	2
20	64QAM	1	99	20.70	20.52	20.59		
20	64QAM	50	0	19.83	19.68	19.64		
20	64QAM	50	24	19.76	19.68	19.66	21.5	3
20	64QAM	50	50	19.83	19.76	19.69		
20	64QAM	100	0	19.78	19.69	19.62		
20	256QAM	1	0	17.55	17.62	17.67		
20	256QAM	1	49	17.66	17.61	17.57	19.5	5
20	256QAM	1	99	17.54	17.53	17.56		
20	256QAM	50	0	17.71	17.67	17.74		
20	256QAM	50	24	17.57	17.61	17.69	19.5	5
20	256QAM	50	50	17.60	17.60	17.74		
20	256QAM	100	0	17.63	17.57	17.60		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.72	22.61		
15	QPSK	1	37	22.69	22.68	22.55	24.5	0
15	QPSK	1	74	22.71	22.63	22.56		
15	QPSK	36	0	21.70	21.64	21.65		
15	QPSK	36	20	21.80	21.65	21.56	23.5	1
15	QPSK	36	39	21.74	21.66	21.63		
15	QPSK	75	0	21.73	21.66	21.51		
15	16QAM	1	0	21.79	21.57	21.61		
15	16QAM	1	37	21.81	21.63	21.50	23.5	1
15	16QAM	1	74	21.76	21.67	21.51		
15	16QAM	36	0	20.73	20.66	20.61		
15	16QAM	36	20	20.69	20.65	20.59	22.5	2
15	16QAM	36	39	20.71	20.68	20.59		
15	16QAM	75	0	20.75	20.61	20.60		
15	64QAM	1	0	20.77	20.68	20.54		
15	64QAM	1	37	20.72	20.65	20.51	22.5	2
15	64QAM	1	74	20.67	20.53	20.50		
15	64QAM	36	0	19.70	19.61	19.57		
15	64QAM	36	20	19.69	19.56	19.55	21.5	3
15	64QAM	36	39	19.78	19.70	19.62		
15	64QAM	75	0	19.70	19.53	19.57		
15	256QAM	1	0	17.61	17.68	17.81		
15	256QAM	1	37	17.58	17.55	17.52	19.5	5
15	256QAM	1	74	17.53	17.50	17.51		
15	256QAM	36	0	17.85	17.81	17.88		
15	256QAM	36	20	17.54	17.56	17.63	19.5	5
15	256QAM	36	39	17.55	17.59	17.68		
15	256QAM	75	0	17.57	17.59	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.69	22.70		
10	QPSK	1	25	22.72	22.71	22.55	24.5	0
10	QPSK	1	49	22.68	22.68	22.56		
10	QPSK	25	0	21.66	21.66	21.58		
10	QPSK	25	12	21.76	21.65	21.59	23.5	1
10	QPSK	25	25	21.67	21.64	21.65		
10	QPSK	50	0	21.75	21.68	21.57		
10	16QAM	1	0	21.81	21.60	21.64		
10	16QAM	1	25	21.77	21.68	21.59	23.5	1
10	16QAM	1	49	21.74	21.71	21.59		
10	16QAM	25	0	20.71	20.61	20.62		
10	16QAM	25	12	20.73	20.72	20.57	22.5	2
10	16QAM	25	25	20.70	20.67	20.63		
10	16QAM	50	0	20.82	20.60	20.63		
10	64QAM	1	0	20.80	20.60	20.52		
10	64QAM	1	25	20.73	20.64	20.51	22.5	2
10	64QAM	1	49	20.64	20.55	20.55		
10	64QAM	25	0	19.77	19.62	19.51		
10	64QAM	25	12	19.71	19.57	19.60	21.5	3
10	64QAM	25	25	19.74	19.70	19.64		
10	64QAM	50	0	19.80	19.63	19.61		
10	256QAM	1	0	17.57	17.60	17.65		
10	256QAM	1	25	17.51	17.53	17.50	19.5	5
10	256QAM	1	49	17.52	17.53	17.55		
10	256QAM	25	0	17.65	17.70	17.74		
10	256QAM	25	12	17.61	17.55	17.65	19.5	5
10	256QAM	25	25	17.61	17.54	17.72		
10	256QAM	50	0	17.59	17.56	17.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.71	22.60		
5	QPSK	1	12	22.69	22.65	22.53	24.5	0
5	QPSK	1	24	22.66	22.70	22.61		
5	QPSK	12	0	21.73	21.65	21.59		
5	QPSK	12	7	21.78	21.60	21.50	23.5	1
5	QPSK	12	13	21.75	21.67	21.62		
5	QPSK	25	0	21.70	21.74	21.59		
5	16QAM	1	0	21.81	21.63	21.56		
5	16QAM	1	12	21.75	21.70	21.53	23.5	1
5	16QAM	1	24	21.71	21.71	21.54		
5	16QAM	12	0	20.69	20.63	20.64		
5	16QAM	12	7	20.68	20.65	20.52	22.5	2
5	16QAM	12	13	20.70	20.58	20.57		
5	16QAM	25	0	20.84	20.61	20.58		
5	64QAM	1	0	20.70	20.70	20.51		
5	64QAM	1	12	20.76	20.59	20.53	22.5	2
5	64QAM	1	24	20.67	20.52	20.53		
5	64QAM	12	0	19.86	19.69	19.62		
5	64QAM	12	7	19.71	19.71	19.60	21.5	3
5	64QAM	12	13	19.80	19.71	19.69		
5	64QAM	25	0	19.78	19.64	19.66		
5	256QAM	1	0	17.57	17.64	17.65		
5	256QAM	1	12	17.54	17.51	17.55	19.5	5
5	256QAM	1	24	17.55	17.52	17.53		
5	256QAM	12	0	17.74	17.66	17.74		
5	256QAM	12	7	17.62	17.60	17.69	19.5	5
5	256QAM	12	13	17.57	17.65	17.68		
5	256QAM	25	0	17.64	17.58	17.58		

Band 38_Ant 5_Other PA

BW [MHz]	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	19.02	19.04	18.94		
20	QPSK	1	49	19.00	18.87	18.72	20.5	0
20	QPSK	1	99	18.85	18.89	18.91		
20	QPSK	50	0	18.79	18.89	18.84		
20	QPSK	50	24	18.64	18.71	18.54	20.5	0
20	QPSK	50	50	18.78	18.85	18.72		
20	QPSK	100	0	18.74	18.76	18.71		
20	16QAM	1	0	18.72	18.59	18.56		
20	16QAM	1	49	18.70	18.66	18.57	20.5	0
20	16QAM	1	99	18.77	18.64	18.62		
20	16QAM	50	0	18.66	18.71	18.70		
20	16QAM	50	24	18.85	18.82	18.60	20.5	0
20	16QAM	50	50	18.79	18.75	18.68		
20	16QAM	100	0	18.72	18.81	18.73		
20	64QAM	1	0	18.58	18.66	18.64		
20	64QAM	1	49	18.65	18.51	18.50	20.5	0
20	64QAM	1	99	18.55	18.58	18.51		
20	64QAM	50	0	18.74	18.59	18.63		
20	64QAM	50	24	18.73	18.71	18.58	20.5	0
20	64QAM	50	50	18.80	18.75	18.71		
20	64QAM	100	0	18.78	18.71	18.67		
20	256QAM	1	0	18.66	18.66	18.56		
20	256QAM	1	49	18.66	18.57	18.50	20.5	0
20	256QAM	1	99	18.59	18.60	18.54		
20	256QAM	50	0	18.60	18.51	18.53		
20	256QAM	50	24	18.67	18.64	18.56	20.5	0
20	256QAM	50	50	18.59	18.55	18.65		
20	256QAM	100	0	18.59	18.58	18.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.91	18.94	18.81		
15	QPSK	1	37	18.94	18.79	18.57	20.5	0
15	QPSK	1	74	18.73	18.73	18.78		
15	QPSK	36	0	18.70	18.74	18.77		
15	QPSK	36	20	18.59	18.63	18.58	20.5	0
15	QPSK	36	39	18.73	18.74	18.67		
15	QPSK	75	0	18.68	18.70	18.58		
15	16QAM	1	0	18.65	18.52	18.57		
15	16QAM	1	37	18.61	18.56	18.57	20.5	0
15	16QAM	1	74	18.65	18.53	18.53		
15	16QAM	36	0	18.58	18.62	18.55		
15	16QAM	36	20	18.77	18.77	18.59	20.5	0
15	16QAM	36	39	18.66	18.69	18.53		
15	16QAM	75	0	18.66	18.68	18.64		
15	64QAM	1	0	18.51	18.52	18.53		
15	64QAM	1	37	18.52	18.56	18.54	20.5	0
15	64QAM	1	74	18.55	18.55	18.56		
15	64QAM	36	0	18.58	18.52	18.55		
15	64QAM	36	20	18.60	18.59	18.54	20.5	0
15	64QAM	36	39	18.74	18.65	18.56		
15	64QAM	75	0	18.70	18.61	18.62		
15	256QAM	1	0	18.54	18.60	18.51		
15	256QAM	1	37	18.60	18.54	18.52	20.5	0
15	256QAM	1	74	18.54	18.58	18.54		
15	256QAM	36	0	18.59	18.52	18.60		
15	256QAM	36	20	18.59	18.58	18.53	20.5	0
15	256QAM	36	39	18.52	18.50	18.56		
15	256QAM	75	0	18.51	18.51	18.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.86	18.91	18.80		
10	QPSK	1	25	18.93	18.71	18.62	20.5	0
10	QPSK	1	49	18.69	18.80	18.75		
10	QPSK	25	0	18.69	18.73	18.73		
10	QPSK	25	12	18.57	18.61	18.56	20.5	0
10	QPSK	25	25	18.64	18.70	18.61		
10	QPSK	50	0	18.66	18.68	18.55		
10	16QAM	1	0	18.60	18.57	18.57		
10	16QAM	1	25	18.60	18.55	18.52	20.5	0
10	16QAM	1	49	18.69	18.57	18.50		
10	16QAM	25	0	18.53	18.61	18.59		
10	16QAM	25	12	18.78	18.71	18.50	20.5	0
10	16QAM	25	25	18.68	18.70	18.52		
10	16QAM	50	0	18.57	18.66	18.66		
10	64QAM	1	0	18.53	18.50	18.53		
10	64QAM	1	25	18.56	18.50	18.54	20.5	0
10	64QAM	1	49	18.58	18.54	18.52		
10	64QAM	25	0	18.63	18.55	18.55		
10	64QAM	25	12	18.66	18.55	18.56	20.5	0
10	64QAM	25	25	18.73	18.60	18.55		
10	64QAM	50	0	18.62	18.55	18.59		
10	256QAM	1	0	18.52	18.55	18.52		
10	256QAM	1	25	18.60	18.52	18.55	20.5	0
10	256QAM	1	49	18.50	18.55	18.55		
10	256QAM	25	0	18.52	18.55	18.50		
10	256QAM	25	12	18.61	18.59	18.51	20.5	0
10	256QAM	25	25	18.54	18.50	18.55		
10	256QAM	50	0	18.59	18.53	18.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.89	18.88	18.86		
5	QPSK	1	12	18.85	18.72	18.62	20.5	0
5	QPSK	1	24	18.75	18.74	18.78		
5	QPSK	12	0	18.65	18.64	18.74		
5	QPSK	12	7	18.59	18.66	18.57	20.5	0
5	QPSK	12	13	18.70	18.69	18.66		
5	QPSK	25	0	18.69	18.67	18.59		
5	16QAM	1	0	18.66	18.55	18.50		
5	16QAM	1	12	18.64	18.51	18.52	20.5	0
5	16QAM	1	24	18.63	18.51	18.56		
5	16QAM	12	0	18.57	18.59	18.61		
5	16QAM	12	7	18.70	18.69	18.51	20.5	0
5	16QAM	12	13	18.64	18.67	18.63		
5	16QAM	25	0	18.67	18.67	18.58		
5	64QAM	1	0	18.52	18.53	18.58		
5	64QAM	1	12	18.56	18.58	18.55	20.5	0
5	64QAM	1	24	18.52	18.54	18.55		
5	64QAM	12	0	18.59	18.59	18.56		
5	64QAM	12	7	18.58	18.56	18.56	20.5	0
5	64QAM	12	13	18.73	18.61	18.66		
5	64QAM	25	0	18.67	18.55	18.59		
5	256QAM	1	0	18.51	18.56	18.51		
5	256QAM	1	12	18.58	18.51	18.56	20.5	0
5	256QAM	1	24	18.53	18.59	18.56		
5	256QAM	12	0	18.54	18.55	18.59		
5	256QAM	12	7	18.52	18.52	18.58	20.5	0
5	256QAM	12	13	18.54	18.59	18.54		
5	256QAM	25	0	18.52	18.58	18.53		

Band 38_Ant 3_Other PA

BW [MHz]	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	17.57	17.59	17.44	18.5	0
20	QPSK	1	49	17.50	17.57	17.39		
20	QPSK	1	99	17.55	17.57	17.43		
20	QPSK	50	0	17.38	17.39	17.34	18.5	0
20	QPSK	50	24	17.36	17.32	17.30		
20	QPSK	50	50	17.32	17.25	17.33		
20	QPSK	100	0	17.32	17.33	17.27		
20	16QAM	1	0	17.23	17.19	17.10	18.5	0
20	16QAM	1	49	17.37	17.23	17.10		
20	16QAM	1	99	17.26	17.24	17.19		
20	16QAM	50	0	17.30	17.26	17.18	18.5	0
20	16QAM	50	24	17.35	17.27	17.27		
20	16QAM	50	50	17.35	17.30	17.25		
20	16QAM	100	0	17.33	17.32	17.32		
20	64QAM	1	0	17.01	16.91	16.87	18.5	0
20	64QAM	1	49	16.91	17.01	16.94		
20	64QAM	1	99	17.08	16.96	16.95		
20	64QAM	50	0	17.30	17.26	17.29	18.5	0
20	64QAM	50	24	17.32	17.22	17.15		
20	64QAM	50	50	17.29	17.26	17.26		
20	64QAM	100	0	17.37	17.31	17.18		
20	256QAM	1	0	16.99	17.10	17.18	18.5	0
20	256QAM	1	49	16.89	16.96	16.97		
20	256QAM	1	99	17.01	16.83	16.92		
20	256QAM	50	0	17.25	17.18	17.29	18.5	0
20	256QAM	50	24	17.00	17.18	17.07		
20	256QAM	50	50	17.11	16.99	17.08		
20	256QAM	100	0	17.07	17.03	17.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.46	17.44	17.29	18.5	0
15	QPSK	1	37	17.37	17.49	17.34		
15	QPSK	1	74	17.42	17.47	17.34		
15	QPSK	36	0	17.22	17.16	17.24	18.5	0
15	QPSK	36	20	17.26	17.18	17.22		
15	QPSK	36	39	17.23	17.19	17.26		
15	QPSK	75	0	17.20	17.23	17.17		
15	16QAM	1	0	17.16	17.07	16.96	18.5	0
15	16QAM	1	37	17.21	17.13	16.99		
15	16QAM	1	74	17.20	17.15	17.10		
15	16QAM	36	0	17.20	17.12	17.06	18.5	0
15	16QAM	36	20	17.23	17.21	17.14		
15	16QAM	36	39	17.24	17.19	17.11		
15	16QAM	75	0	17.22	17.20	17.26		
15	64QAM	1	0	16.91	16.80	16.73	18.5	0
15	64QAM	1	37	16.81	16.90	16.81		
15	64QAM	1	74	16.98	16.82	16.90		
15	64QAM	36	0	17.19	17.15	17.23	18.5	0
15	64QAM	36	20	17.18	17.07	17.00		
15	64QAM	36	39	17.22	17.14	17.19		
15	64QAM	75	0	17.22	17.17	17.11		
15	256QAM	1	0	16.83	17.03	17.10	18.5	0
15	256QAM	1	37	16.75	16.90	16.85		
15	256QAM	1	74	16.88	16.70	16.83		
15	256QAM	36	0	17.15	17.07	17.14	18.5	0
15	256QAM	36	20	16.84	17.11	16.95		
15	256QAM	36	39	16.95	16.85	17.02		
15	256QAM	75	0	17.01	16.96	16.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.47	17.46	17.29	18.5	0
10	QPSK	1	25	17.35	17.50	17.34		
10	QPSK	1	49	17.39	17.42	17.32		
10	QPSK	25	0	17.32	17.20	17.21	18.5	0
10	QPSK	25	12	17.22	17.26	17.21		
10	QPSK	25	25	17.23	17.19	17.19		
10	QPSK	50	0	17.25	17.16	17.11		
10	16QAM	1	0	17.10	17.08	16.96	18.5	0
10	16QAM	1	25	17.24	17.16	16.99		
10	16QAM	1	49	17.20	17.13	17.11		
10	16QAM	25	0	17.20	17.14	17.07	18.5	0
10	16QAM	25	12	17.21	17.22	17.11		
10	16QAM	25	25	17.30	17.18	17.10		
10	16QAM	50	0	17.19	17.23	17.25		
10	64QAM	1	0	16.87	16.85	16.81	18.5	0
10	64QAM	1	25	16.80	16.89	16.86		
10	64QAM	1	49	16.99	16.84	16.79		
10	64QAM	25	0	17.15	17.11	17.19	18.5	0
10	64QAM	25	12	17.17	17.13	17.05		
10	64QAM	25	25	17.13	17.18	17.17		
10	64QAM	50	0	17.23	17.23	17.09		
10	256QAM	1	0	16.88	17.05	17.09	18.5	0
10	256QAM	1	25	16.84	16.81	16.89		
10	256QAM	1	49	16.90	16.75	16.87		
10	256QAM	25	0	17.13	17.13	17.16	18.5	0
10	256QAM	25	12	16.87	17.09	16.93		
10	256QAM	25	25	17.00	16.86	17.01		
10	256QAM	50	0	16.99	16.98	16.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.51	17.44	17.36	18.5	0
5	QPSK	1	12	17.37	17.47	17.33		
5	QPSK	1	24	17.41	17.46	17.36		
5	QPSK	12	0	17.29	17.16	17.20	18.5	0
5	QPSK	12	7	17.31	17.19	17.15		
5	QPSK	12	13	17.26	17.09	17.17		
5	QPSK	25	0	17.27	17.23	17.17		
5	16QAM	1	0	17.12	17.13	17.00	18.5	0
5	16QAM	1	12	17.30	17.15	16.96		
5	16QAM	1	24	17.18	17.10	17.08		
5	16QAM	12	0	17.20	17.16	17.09	18.5	0
5	16QAM	12	7	17.26	17.21	17.22		
5	16QAM	12	13	17.21	17.22	17.17		
5	16QAM	25	0	17.26	17.17	17.19		
5	64QAM	1	0	16.88	16.80	16.82	18.5	0
5	64QAM	1	12	16.77	16.87	16.87		
5	64QAM	1	24	16.98	16.88	16.90		
5	64QAM	12	0	17.21	17.13	17.14	18.5	0
5	64QAM	12	7	17.27	17.17	17.07		
5	64QAM	12	13	17.21	17.15	17.12		
5	64QAM	25	0	17.30	17.21	17.13		
5	256QAM	1	0	16.84	16.99	17.12	18.5	0
5	256QAM	1	12	16.84	16.86	16.89		
5	256QAM	1	24	16.85	16.75	16.87		
5	256QAM	12	0	17.17	17.04	17.20	18.5	0
5	256QAM	12	7	16.84	17.04	16.98		
5	256QAM	12	13	17.05	16.85	16.94		
5	256QAM	25	0	16.92	16.88	16.91		

Band 41_Ant 4_Other PA

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	15.17	15.25	15.08	15.24	14.99	16.5	0
20	QPSK	1	49	15.02	14.83	15.07	14.82	14.97		
20	QPSK	1	99	15.16	15.11	15.03	15.07	14.98		
20	QPSK	50	0	14.85	14.92	14.82	14.89	14.84	16.5	0
20	QPSK	50	24	14.75	14.79	14.76	14.79	14.83		
20	QPSK	50	50	14.78	14.72	14.75	14.63	14.72		
20	QPSK	100	0	14.76	14.85	14.75	14.84	14.75		
20	16QAM	1	0	14.88	14.69	14.66	14.69	14.59	16.5	0
20	16QAM	1	49	14.85	14.73	14.86	14.80	14.86		
20	16QAM	1	99	14.78	14.60	14.77	14.60	14.72		
20	16QAM	50	0	14.82	14.68	14.83	14.69	14.84	16.5	0
20	16QAM	50	24	14.78	14.58	14.88	14.56	14.84		
20	16QAM	50	50	14.84	14.70	14.77	14.76	14.86		
20	16QAM	100	0	14.87	14.52	14.85	14.54	14.87		
20	64QAM	1	0	14.90	14.85	14.87	14.80	14.87	16.5	0
20	64QAM	1	49	14.96	14.89	14.99	14.86	14.97		
20	64QAM	1	99	15.02	14.83	14.96	14.75	14.98		
20	64QAM	50	0	14.92	14.71	14.93	14.71	14.85	16.5	0
20	64QAM	50	24	14.84	14.73	14.97	14.75	14.88		
20	64QAM	50	50	14.88	14.75	14.82	14.82	14.80		
20	64QAM	100	0	14.98	14.62	14.83	14.71	14.78		
20	256QAM	1	0	14.91	14.98	14.78	15.07	14.83	16.5	0
20	256QAM	1	49	14.84	14.90	14.86	14.93	14.83		
20	256QAM	1	99	14.77	14.85	14.81	14.82	14.87		
20	256QAM	50	0	14.72	14.95	14.58	14.93	14.56	16.5	0
20	256QAM	50	24	14.54	14.90	14.73	14.99	14.65		
20	256QAM	50	50	14.92	14.57	14.98	14.56	14.95		
20	256QAM	100	0	14.99	14.51	14.50	14.58	14.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.04	15.16	14.89	15.14	14.94	16.5	0
15	QPSK	1	37	14.97	14.73	14.92	14.71	14.83		
15	QPSK	1	74	15.03	15.01	14.90	14.92	14.88		
15	QPSK	36	0	14.71	14.73	14.73	14.78	14.76	16.5	0
15	QPSK	36	20	14.70	14.69	14.68	14.67	14.77		
15	QPSK	36	39	14.66	14.59	14.63	14.52	14.60		
15	QPSK	75	0	14.65	14.68	14.67	14.78	14.68		
15	16QAM	1	0	14.82	14.58	14.51	14.62	14.52	16.5	0
15	16QAM	1	37	14.70	14.60	14.71	14.72	14.79		
15	16QAM	1	74	14.73	14.96	14.63	14.99	14.62		
15	16QAM	36	0	14.73	14.60	14.67	14.53	14.79	16.5	0
15	16QAM	36	20	14.65	14.53	14.75	14.99	14.68		
15	16QAM	36	39	14.79	14.58	14.65	14.64	14.74		
15	16QAM	75	0	14.76	14.92	14.74	14.98	14.73		
15	64QAM	1	0	14.82	14.79	14.75	14.71	14.74	16.5	0
15	64QAM	1	37	14.84	14.74	14.83	14.74	14.88		
15	64QAM	1	74	14.88	14.76	14.85	14.60	14.82		
15	64QAM	36	0	14.83	14.64	14.85	14.66	14.75	16.5	0
15	64QAM	36	20	14.76	14.59	14.81	14.70	14.83		
15	64QAM	36	39	14.73	14.64	14.69	14.77	14.64		
15	64QAM	75	0	14.83	14.54	14.68	14.60	14.71		
15	256QAM	1	0	14.80	14.91	14.62	14.94	14.73	16.5	0
15	256QAM	1	37	14.70	14.74	14.79	14.87	14.77		
15	256QAM	1	74	14.69	14.70	14.76	14.76	14.72		
15	256QAM	36	0	14.58	14.85	14.51	14.83	14.92	16.5	0
15	256QAM	36	20	14.89	14.83	14.58	14.91	14.99		
15	256QAM	36	39	14.87	14.91	14.90	14.96	14.82		
15	256QAM	75	0	14.89	14.95	14.89	14.98	14.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.12	15.11	14.89	15.16	14.91	16.5	0
10	QPSK	1	25	14.93	14.73	14.95	14.77	14.82		
10	QPSK	1	49	15.03	14.99	14.97	14.99	14.90		
10	QPSK	25	0	14.78	14.78	14.72	14.79	14.69	16.5	0
10	QPSK	25	12	14.64	14.74	14.61	14.69	14.68		
10	QPSK	25	25	14.70	14.64	14.64	14.97	14.58		
10	QPSK	50	0	14.68	14.74	14.69	14.69	14.64		
10	16QAM	1	0	14.76	14.55	14.54	14.59	14.97	16.5	0
10	16QAM	1	25	14.80	14.57	14.76	14.74	14.70		
10	16QAM	1	49	14.64	14.98	14.72	14.96	14.56		
10	16QAM	25	0	14.75	14.54	14.68	14.63	14.77	16.5	0
10	16QAM	25	12	14.72	14.52	14.81	14.94	14.71		
10	16QAM	25	25	14.72	14.65	14.71	14.64	14.78		
10	16QAM	50	0	14.81	14.96	14.75	14.90	14.82		
10	64QAM	1	0	14.77	14.70	14.81	14.65	14.81	16.5	0
10	64QAM	1	25	14.89	14.75	14.84	14.79	14.81		
10	64QAM	1	49	14.91	14.68	14.88	14.65	14.91		
10	64QAM	25	0	14.80	14.65	14.85	14.65	14.73	16.5	0
10	64QAM	25	12	14.73	14.61	14.92	14.66	14.80		
10	64QAM	25	25	14.74	14.68	14.67	14.67	14.75		
10	64QAM	50	0	14.91	14.99	14.73	14.61	14.72		
10	256QAM	1	0	14.79	14.82	14.66	14.50	14.76	16.5	0
10	256QAM	1	25	14.69	14.85	14.76	14.82	14.70		
10	256QAM	1	49	14.65	14.76	14.68	14.66	14.74		
10	256QAM	25	0	14.65	14.82	14.98	14.82	14.99	16.5	0
10	256QAM	25	12	14.94	14.77	14.57	14.90	14.99		
10	256QAM	25	25	14.84	14.97	14.91	14.51	14.80		
10	256QAM	50	0	14.91	14.92	14.88	14.99	14.84		
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	15.10	15.13	14.90	15.12	14.88	16.5	0
5	QPSK	1	12	14.96	14.68	15.01	14.69	14.84		
5	QPSK	1	24	15.08	15.04	14.94	14.94	14.83		
5	QPSK	12	0	14.77	14.83	14.73	14.73	14.72	16.5	0
5	QPSK	12	7	14.62	14.67	14.64	14.74	14.68		
5	QPSK	12	13	14.63	14.58	14.67	14.50	14.59		
5	QPSK	25	0	14.64	14.69	14.70	14.72	14.67		
5	16QAM	1	0	14.82	14.61	14.51	14.57	14.94	16.5	0
5	16QAM	1	12	14.74	14.67	14.77	14.73	14.72		
5	16QAM	1	24	14.67	14.53	14.63	14.51	14.62		
5	16QAM	12	0	14.71	14.52	14.77	14.56	14.78	16.5	0
5	16QAM	12	7	14.63	14.95	14.72	14.51	14.75		
5	16QAM	12	13	14.76	14.57	14.72	14.70	14.75		
5	16QAM	25	0	14.74	14.96	14.71	14.96	14.77		
5	64QAM	1	0	14.77	14.77	14.78	14.73	14.75	16.5	0
5	64QAM	1	12	14.80	14.83	14.93	14.79	14.89		
5	64QAM	1	24	14.95	14.74	14.91	14.67	14.91		
5	64QAM	12	0	14.80	14.59	14.77	14.61	14.70	16.5	0
5	64QAM	12	7	14.72	14.62	14.81	14.59	14.76		
5	64QAM	12	13	14.81	14.65	14.69	14.73	14.70		
5	64QAM	25	0	14.85	14.99	14.75	14.64	14.68		
5	256QAM	1	0	14.80	14.92	14.64	14.93	14.69	16.5	0
5	256QAM	1	12	14.68	14.85	14.72	14.83	14.69		
5	256QAM	1	24	14.65	14.70	14.75	14.71	14.78		
5	256QAM	12	0	14.57	14.86	14.52	14.78	14.97	16.5	0
5	256QAM	12	7	14.91	14.78	14.63	14.89	14.56		
5	256QAM	12	13	14.85	14.91	14.90	14.96	14.90		
5	256QAM	25	0	14.94	14.85	14.84	14.51	14.89		

Band 41_Ant 2_Other PA

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	22.64	22.70	22.68	22.65	22.63	24.5	0
20	QPSK	1	49	22.63	22.68	22.63	22.61	22.57		
20	QPSK	1	99	22.57	22.66	22.61	22.63	22.62		
20	QPSK	50	0	21.62	21.68	21.66	21.63	21.61	23.5	1
20	QPSK	50	24	21.61	21.65	21.65	21.62	21.56		
20	QPSK	50	50	21.56	21.65	21.60	21.62	21.56		
20	QPSK	100	0	21.61	21.65	21.63	21.62	21.60		
20	16QAM	1	0	21.55	21.64	21.65	21.62	21.59	23.5	1
20	16QAM	1	49	21.57	21.64	21.65	21.62	21.59		
20	16QAM	1	99	21.57	21.64	21.60	21.60	21.59		
20	16QAM	50	0	20.62	20.66	20.65	20.63	20.62	22.5	2
20	16QAM	50	24	20.56	20.59	20.63	20.58	20.60		
20	16QAM	50	50	20.60	20.60	20.58	20.56	20.55		
20	16QAM	100	0	20.58	20.60	20.58	20.59	20.59		
20	64QAM	1	0	20.58	20.65	20.63	20.61	20.57	22.5	2
20	64QAM	1	49	20.59	20.60	20.61	20.57	20.56		
20	64QAM	1	99	20.57	20.59	20.64	20.61	20.59		
20	64QAM	50	0	19.65	19.66	19.67	19.63	19.62	21.5	3
20	64QAM	50	24	19.60	19.60	19.61	19.58	19.57		
20	64QAM	50	50	19.63	19.64	19.62	19.57	19.58		
20	64QAM	100	0	19.64	19.59	19.66	19.62	19.56		
20	256QAM	1	0	17.65	17.66	17.67	17.63	17.62	19.5	5
20	256QAM	1	49	17.61	17.62	17.60	17.56	17.56		
20	256QAM	1	99	17.61	17.62	17.66	17.61	17.57		
20	256QAM	50	0	17.61	17.62	17.60	17.59	17.59	19.5	5
20	256QAM	50	24	17.58	17.62	17.64	17.60	17.55		
20	256QAM	50	50	17.59	17.64	17.66	17.61	17.58		
20	256QAM	100	0	17.60	17.59	17.63	17.60	17.57		
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	22.59	22.65	22.64	22.60	22.61	24.5	0
15	QPSK	1	37	22.62	22.66	22.58	22.60	22.53		
15	QPSK	1	74	22.55	22.61	22.56	22.58	22.59		
15	QPSK	36	0	21.59	21.64	21.65	21.59	21.56	23.5	1
15	QPSK	36	20	21.59	21.61	21.63	21.60	21.54		
15	QPSK	36	39	21.52	21.63	21.57	21.60	21.51		
15	QPSK	75	0	21.57	21.64	21.58	21.57	21.58		
15	16QAM	1	0	21.52	21.63	21.63	21.61	21.56	23.5	1
15	16QAM	1	37	21.53	21.63	21.63	21.59	21.55		
15	16QAM	1	74	21.52	21.62	21.57	21.57	21.55		
15	16QAM	36	0	20.60	20.61	20.60	20.59	20.58	22.5	2
15	16QAM	36	20	20.55	20.57	20.59	20.54	20.57		
15	16QAM	36	39	20.57	20.59	20.54	20.51	20.52		
15	16QAM	75	0	20.57	20.57	20.55	20.54	20.54		
15	64QAM	1	0	20.55	20.64	20.60	20.56	20.55	22.5	2
15	64QAM	1	37	20.54	20.56	20.60	20.56	20.52		
15	64QAM	1	74	20.53	20.58	20.63	20.57	20.57		
15	64QAM	36	0	19.63	19.61	19.65	19.61	19.57	21.5	3
15	64QAM	36	20	19.58	19.55	19.58	19.55	19.56		
15	64QAM	36	39	19.59	19.61	19.60	19.53	19.56		
15	64QAM	75	0	19.60	19.54	19.64	19.60	19.55		
15	256QAM	1	0	17.60	17.63	17.63	17.58	17.57	19.5	5
15	256QAM	1	37	17.60	17.60	17.57	17.52	17.55		
15	256QAM	1	74	17.59	17.61	17.63	17.58	17.54		
15	256QAM	36	0	17.56	17.61	17.55	17.58	17.55	19.5	5
15	256QAM	36	20	17.55	17.61	17.60	17.57	17.52		
15	256QAM	36	39	17.58	17.60	17.61	17.56	17.53		
15	256QAM	75	0	17.59	17.58	17.60	17.56	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.67	22.64	22.63	22.59	24.5	0
10	QPSK	1	25	22.59	22.66	22.60	22.56	22.53		
10	QPSK	1	49	22.56	22.61	22.56	22.58	22.58		
10	QPSK	25	0	21.57	21.66	21.64	21.62	21.58	23.5	1
10	QPSK	25	12	21.59	21.62	21.62	21.58	21.52		
10	QPSK	25	25	21.54	21.60	21.58	21.59	21.53		
10	QPSK	50	0	21.56	21.60	21.61	21.60	21.59		
10	16QAM	1	0	21.52	21.63	21.61	21.61	21.58	23.5	1
10	16QAM	1	25	21.52	21.59	21.63	21.59	21.58		
10	16QAM	1	49	21.52	21.59	21.55	21.59	21.54		
10	16QAM	25	0	20.58	20.63	20.63	20.58	20.61	22.5	2
10	16QAM	25	12	20.55	20.56	20.60	20.56	20.57		
10	16QAM	25	25	20.59	20.58	20.53	20.53	20.50		
10	16QAM	50	0	20.53	20.56	20.53	20.57	20.54		
10	64QAM	1	0	20.55	20

Band 41_Ant 5_Other PA

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	18.69	18.92	18.82	18.87	18.80	20	0
20	QPSK	1	49	18.60	18.81	18.74	18.75	18.72		
20	QPSK	1	99	18.58	18.91	18.73	18.85	18.70		
20	QPSK	50	0	18.57	18.69	18.56	18.63	18.60	20	0
20	QPSK	50	24	18.55	18.60	18.55	18.61	18.54		
20	QPSK	50	50	18.52	18.51	18.54	18.46	18.54		
20	QPSK	100	0	18.43	18.60	18.55	18.59	18.52		
20	16QAM	1	0	18.32	18.34	18.38	18.31	18.40	20	0
20	16QAM	1	49	18.33	18.51	18.45	18.45	18.53		
20	16QAM	1	99	18.30	18.53	18.37	18.55	18.37		
20	16QAM	50	0	18.40	18.52	18.57	18.49	18.53	20	0
20	16QAM	50	24	18.40	18.54	18.53	18.56	18.56		
20	16QAM	50	50	18.51	18.68	18.52	18.73	18.58		
20	16QAM	100	0	18.44	18.60	18.47	18.62	18.43		
20	64QAM	1	0	18.25	18.12	18.25	18.14	18.23	20	0
20	64QAM	1	49	18.19	18.28	18.18	18.19	18.24		
20	64QAM	1	99	18.13	18.35	18.05	18.30	18.05		
20	64QAM	50	0	18.44	18.53	18.56	18.59	18.53	20	0
20	64QAM	50	24	18.45	18.57	18.51	18.55	18.45		
20	64QAM	50	50	18.54	18.61	18.44	18.57	18.44		
20	64QAM	100	0	18.48	18.57	18.49	18.55	18.51		
20	256QAM	1	0	18.14	18.24	18.21	18.26	18.10	20	0
20	256QAM	1	49	18.18	18.26	18.19	18.23	18.17		
20	256QAM	1	99	18.17	18.12	18.17	18.20	18.04		
20	256QAM	50	0	18.28	18.48	18.22	18.43	18.29	20	0
20	256QAM	50	24	18.21	18.47	18.26	18.49	18.32		
20	256QAM	50	50	18.33	18.45	18.34	18.50	18.36		
20	256QAM	100	0	18.32	18.40	18.34	18.42	18.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.55	18.78	18.66	18.77	18.67	20	0
15	QPSK	1	37	18.53	18.76	18.59	18.68	18.61		
15	QPSK	1	74	18.52	18.75	18.61	18.74	18.56		
15	QPSK	36	0	18.52	18.59	18.42	18.47	18.55	20	0
15	QPSK	36	20	18.39	18.50	18.44	18.48	18.41		
15	QPSK	36	39	18.37	18.38	18.47	18.34	18.39		
15	QPSK	75	0	18.30	18.44	18.40	18.48	18.39		
15	16QAM	1	0	18.20	18.21	18.25	18.19	18.25	20	0
15	16QAM	1	37	18.27	18.35	18.40	18.36	18.47		
15	16QAM	1	74	18.24	18.44	18.31	18.48	18.26		
15	16QAM	36	0	18.34	18.41	18.50	18.41	18.48	20	0
15	16QAM	36	20	18.34	18.41	18.47	18.46	18.49		
15	16QAM	36	39	18.43	18.57	18.45	18.60	18.50		
15	16QAM	75	0	18.34	18.45	18.35	18.46	18.36		
15	64QAM	1	0	18.18	18.01	18.13	18.19	18.08	20	0
15	64QAM	1	37	18.05	18.16	18.13	18.06	18.09		
15	64QAM	1	74	18.02	18.19	18.12	18.22	18.10		
15	64QAM	36	0	18.31	18.42	18.45	18.50	18.38	20	0
15	64QAM	36	20	18.33	18.45	18.41	18.48	18.40		
15	64QAM	36	39	18.49	18.53	18.30	18.44	18.35		
15	64QAM	75	0	18.40	18.49	18.36	18.48	18.38		
15	256QAM	1	0	18.04	18.09	18.16	18.21	18.05	20	0
15	256QAM	1	37	18.10	18.14	18.07	18.11	18.05		
15	256QAM	1	74	18.08	18.04	18.01	18.14	18.09		
15	256QAM	36	0	18.20	18.37	18.08	18.30	18.19	20	0
15	256QAM	36	20	18.11	18.33	18.20	18.44	18.26		
15	256QAM	36	39	18.27	18.35	18.23	18.44	18.30		
15	256QAM	75	0	18.20	18.27	18.29	18.34	18.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.55	18.77	18.73	18.79	18.68	20	0
10	QPSK	1	25	18.48	18.66	18.69	18.62	18.64		
10	QPSK	1	49	18.50	18.82	18.65	18.69	18.58		
10	QPSK	25	0	18.52	18.59	18.43	18.52	18.50	20	0
10	QPSK	25	12	18.49	18.55	18.41	18.49	18.40		
10	QPSK	25	25	18.38	18.40	18.41	18.36	18.39		
10	QPSK	50	0	18.27	18.55	18.47	18.48	18.38		
10	16QAM	1	0	18.26	18.26	18.31	18.25	18.32	20	0
10	16QAM	1	25	18.28	18.41	18.38	18.31	18.37		
10	16QAM	1	49	18.14	18.47	18.22	18.50	18.25		
10	16QAM	25	0	18.24	18.43	18.45	18.42	18.40	20	0
10	16QAM	25	12	18.26	18.48	18.47	18.40	18.42		
10	16QAM	25	25	18.43	18.63	18.39	18.61	18.46		
10	16QAM	50	0	18.39	18.55	18.35	18.50	18.29		
10	64QAM	1	0	18.16	18.02	18.14	18.19	18.09	20	0
10	64QAM	1	25	18.03	18.14	18.06	18.11	18.14		
10	64QAM	1	49	18.19	18.28	18.11	18.25	18.13		
10	64QAM	25	0	18.32	18.40	18.47	18.46	18.39	20	0
10	64QAM	25	12	18.31	18.47	18.36	18.39	18.33		
10	64QAM	25	25	18.48	18.53	18.39	18.51	18.32		
10	64QAM	50	0	18.39	18.49	18.40	18.44	18.35		
10	256QAM	1	0	18.00	18.17	18.16	18.18	18.18	20	0
10	256QAM	1	25	18.07	18.14	18.05	18.13	18.08		
10	256QAM	1	49	18.04	18.00	18.12	18.04	18.16		
10	256QAM	25	0	18.21	18.39	18.14	18.28	18.22	20	0
10	256QAM	25	12	18.09	18.40	18.14	18.33	18.23		
10	256QAM	25	25	18.27	18.37	18.28	18.44	18.24		
10	256QAM	50	0	18.22	18.25	18.24	18.27	18.25		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.60	18.75	18.67	18.80	18.71	20	0
5	QPSK	1	12	18.51	18.72	18.58	18.61	18.61		
5	QPSK	1	24	18.53	18.78	18.60	18.70	18.54		
5	QPSK	12	0	18.46	18.56	18.46	18.50	18.51	20	0
5	QPSK	12	7	18.39	18.53	18.43	18.56	18.44		
5	QPSK	12	13	18.36	18.44	18.46	18.41	18.45		
5	QPSK	25	0	18.35	18.47	18.44	18.49	18.36		
5	16QAM	1	0	18.24	18.21	18.25	18.26	18.32	20	0
5	16QAM	1	12	18.24	18.36	18.29	18.34	18.41		
5	16QAM	1	24	18.21	18.47	18.26	18.46	18.22		
5	16QAM	12	0	18.31	18.42	18.44	18.35	18.46	20	0
5	16QAM	12	7	18.29	18.49	18.43	18.49	18.40		
5	16QAM	12	13	18.35	18.58	18.40	18.66	18.47		
5	16QAM	25	0	18.37	18.53	18.33	18.53	18.31		
5	64QAM	1	0	18.11	18.07	18.09	18.05	18.10	20	0
5	64QAM	1	12	18.13	18.17	18.02	18.04	18.12		
5	64QAM	1	24	18.06	18.22	18.17	18.25	18.14		
5	64QAM	12	0	18.35	18.43	18.45	18.48	18.39	20	0
5	64QAM	12	7	18.34	18.46	18.38	18.49	18.32		
5	64QAM	12	13	18.39	18.45	18.30	18.41	18.39		
5	64QAM	25	0	18.36	18.41	18.40	18.49	18.41		
5	256QAM	1	0	18.03	18.17	18.07	18.21	18.16	20	0
5	256QAM	1	12	18.08	18.19	18.07	18.15	18.11		
5	256QAM	1	24	18.01	18.01	18.08	18.13	18.16		
5	256QAM	12	0	18.22	18.33	18.07	18.37	18.21	20	0
5	256QAM	12	7	18.10	18.34	18.20	18.38	18.27		
5	256QAM	12	13	18.23	18.35	18.26	18.42	18.30		
5	256QAM	25	0	18.23	18.34	18.28	18.29	18.19		

Band 41_Ant 3_Other PA

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	16.75	16.99	16.72	16.96	16.78	18	0
20	QPSK	1	49	16.60	16.89	16.70	16.87	16.76		
20	QPSK	1	99	16.73	16.94	16.51	16.88	16.51		
20	QPSK	50	0	16.62	16.75	16.46	16.72	16.44	18	0
20	QPSK	50	24	16.47	16.65	16.37	16.60	16.36		
20	QPSK	50	50	16.52	16.69	16.40	16.67	16.36		
20	QPSK	100	0	16.62	16.70	16.39	16.68	16.36		
20	16QAM	1	0	16.38	16.62	16.36	16.69	16.25	18	0
20	16QAM	1	49	16.55	16.57	16.34	16.56	16.25		
20	16QAM	1	99	16.56	16.49	16.25	16.49	16.32		
20	16QAM	50	0	16.53	16.61	16.29	16.61	16.28	18	0
20	16QAM	50	24	16.54	16.65	16.41	16.71	16.43		
20	16QAM	50	50	16.62	16.72	16.42	16.72	16.33		
20	16QAM	100	0	16.51	16.67	16.35	16.66	16.36		
20	64QAM	1	0	16.18	16.29	16.00	16.31	16.07	18	0
20	64QAM	1	49	16.31	16.40	16.07	16.34	16.01		
20	64QAM	1	99	16.26	16.47	16.03	16.45	16.00		
20	64QAM	50	0	16.51	16.64	16.35	16.63	16.37	18	0
20	64QAM	50	24	16.50	16.60	16.31	16.63	16.32		
20	64QAM	50	50	16.63	16.67	16.44	16.75	16.39		
20	64QAM	100	0	16.58	16.69	16.35	16.75	16.31		
20	256QAM	1	0	16.19	16.20	16.18	16.13	16.14	18	0
20	256QAM	1	49	16.21	16.16	16.14	16.12	16.14		
20	256QAM	1	99	16.09	16.13	16.21	16.12	16.17		
20	256QAM	50	0	16.35	16.33	16.30	16.38	16.28	18	0
20	256QAM	50	24	16.20	16.34	16.30	16.36	16.28		
20	256QAM	50	50	16.53	16.36	16.35	16.41	16.36		
20	256QAM	100	0	16.28	16.31	16.33	16.32	16.39		
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	16.67	16.84	16.60	16.83	16.69	18	0
15	QPSK	1	37	16.55	16.80	16.64	16.80	16.63		
15	QPSK	1	74	16.57	16.85	16.43	16.82	16.42		
15	QPSK	36	0	16.57	16.53	16.36	16.57	16.30	18	0
15	QPSK	36	20	16.35	16.52	16.27	16.47	16.31		
15	QPSK	36	39	16.43	16.55	16.34	16.55	16.26		
15	QPSK	75	0	16.46	16.59	16.28	16.61	16.30		
15	16QAM	1	0	16.31	16.52	16.21	16.61	16.17	18	0
15	16QAM	1	37	16.49	16.41	16.23	16.49	16.10		
15	16QAM	1	74	16.50	16.37	16.11	16.37	16.23		
15	16QAM	36	0	16.44	16.56	16.16	16.52	16.18	18	0
15	16QAM	36	20	16.48	16.55	16.25	16.64	16.35		
15	16QAM	36	39	16.52	16.58	16.27	16.66	16.26		
15	16QAM	75	0	16.39	16.51	16.20	16.56	16.21		
15	64QAM	1	0	16.03	16.19	16.02	16.24	16.06	18	0
15	64QAM	1	37	16.22	16.28	16.00	16.22	16.05		
15	64QAM	1	74	16.16	16.32	16.04	16.29	16.08		
15	64QAM	36	0	16.42	16.58	16.22	16.52	16.25	18	0
15	64QAM	36	20	16.38	16.49	16.21	16.51	16.20		
15	64QAM	36	39	16.51	16.58	16.29	16.69	16.34		
15	64QAM	75	0	16.50	16.64	16.25	16.64	16.22		
15	256QAM	1	0	16.14	16.13	16.04	16.08	16.02	18	0
15	256QAM	1	37	16.07	16.02	16.00	16.02	16.08		
15	256QAM	1	74	16.04	16.06	16.11	16.04	16.09		
15	256QAM	36	0	16.29	16.18	16.15	16.22	16.16	18	0
15	256QAM	36	20	16.12	16.20	16.25	16.25	16.17		
15	256QAM	36	39	16.47	16.31	16.29	16.25	16.30		
15	256QAM	75	0	16.14	16.21	16.27	16.25	16.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.70	16.77	16.54	16.89	16.62	18	0
10	QPSK	1	25	16.51	16.82	16.54	16.81	16.63		
10	QPSK	1	49	16.58	16.89	16.46	16.76	16.36		
10	QPSK	25	0	16.50	16.58	16.37	16.64	16.29	18	0
10	QPSK	25	12	16.37	16.60	16.26	16.54	16.29		
10	QPSK	25	25	16.47	16.57	16.25	16.60	16.31		
10	QPSK	50	0	16.49	16.58	16.30	16.55	16.23		
10	16QAM	1	0	16.33	16.51	16.26	16.61	16.13	18	0
10	16QAM	1	25	16.45	16.50	16.24	16.41	16.11		
10	16QAM	1	49	16.50	16.41	16.15	16.34	16.26		
10	16QAM	25	0	16.43	16.53	16.23	16.54	16.18	18	0
10	16QAM	25	12	16.38	16.52	16.35	16.59	16.28		
10	16QAM	25	25	16.57	16.67	16.28	16.65	16.26		
10	16QAM	50	0	16.36	16.60	16.24	16.52	16.21		
10	64QAM	1	0	16.11	16.17	16.03	16.24	16.07	18	0
10	64QAM	1	25	16.19	16.30	16.07	16.26	16.03		
10	64QAM	1	49	16.11	16.34	16.05	16.36	16.05		
10	64QAM	25	0	16.40	16.53	16.29	16.57	16.22	18	0
10	64QAM	25	12	16.45	16.45	16.19	16.48	16.26		
10	64QAM	25	25	16.55	16.54	16.38	16.64	16.29		
10	64QAM	50	0	16.49	16.57	16.19	16.60	16.25		
10	256QAM	1	0	16.13	16.04	16.02	16.05	16.06	18	0
10	256QAM	1	25	16.08	16.01	16.04	16.07	16.03		
10	256QAM	1	49	16.01	16.08	16.11	16.07	16.11		
10	256QAM	25	0	16.22	16.17	16.15	16.23	16.23	18	0
10	256QAM	25	12	16.05	16.29	16.25	16.24	16.16		
10	256QAM	25	25	16.37	16.29	16.22	16.29	16.20		
10	256QAM	50	0	16.23	16.26	16.22	16.22	16.34		
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	16.61	16.82	16.54	16.83	16.62	18	0
5	QPSK	1	12	16.45	16.78	16.55	16.78	16.60		
5	QPSK	1	24	16.64	16.80	16.37	16.74	16.44		
5	QPSK	12	0	16.47	16.53	16.35	16.61	16.31	18	0
5	QPSK	12	7	16.33	16.56	16.24	16.55	16.25		
5	QPSK	12	13	16.44	16.62	16.28	16.51	16.22		
5	QPSK	25	0	16.53	16.59	16.29	16.56	16.31		
5	16QAM	1	0	16.23	16.52	16.26	16.62	16.10	18	0
5	16QAM	1	12	16.40	16.43	16.28	16.49	16.14		
5	16QAM	1	24	16.44	16.41	16.15	16.42	16.21		
5	16QAM	12	0	16.42	16.48	16.19	16.55	16.17	18	0
5	16QAM	12	7	16.38	16.50	16.35	16.58	16.32		
5	16QAM	12	13	16.54	16.61	16.33	16.60	16.25		
5	16QAM	25	0	16.39	16.54	16.26	16.50	16.22		
5	64QAM	1	0	16.03	16.18	16.02	16.21	16.01	18	0
5	64QAM	1	12	16.20	16.34	16.02	16.23	16.00		
5	64QAM	1	24	16.16	16.33	16.08	16.37	16.03		
5	64QAM	12	0	16.38	16.48	16.20	16.55	16.26	18	0
5	64QAM	12	7	16.40	16.55	16.17	16.49	16.20		
5	64QAM	12	13	16.49	16.55	16.30	16.60	16.25		
5	64QAM	25	0	16.47	16.55	16.26	16.69	16.26		
5	256QAM	1	0	16.09	16.12	16.12	16.07	16.09	18	0
5	256QAM	1	12	16.11	16.03	16.02	16.03	16.08		
5	256QAM	1	24	16.03	16.07	16.08	16.03	16.05		
5	256QAM	12	0	16.29	16.17	16.25	16.22	16.20	18	0
5	256QAM	12	7	16.08	16.26	16.23	16.27	16.15		
5	256QAM	12	13	16.48	16.20	16.29	16.35	16.22		
5	256QAM	25	0	16.18	16.19	16.17	16.21	16.32		

n66_Ant 4_Other PA

BW [MHz]	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	17.92	18.07	17.96	19.5	0.0
40	PI/2 BPSK	1	108	17.94	18.15	18.14		
40	PI/2 BPSK	1	214	18.01	18.14	17.95		
40	PI/2 BPSK	108	0	18.06	18.15	17.93	19.5	0.0
40	PI/2 BPSK	108	54	18.05	18.18	18.12	19.5	0.0
40	PI/2 BPSK	108	108	17.85	17.95	17.92	19.5	0.0
40	PI/2 BPSK	216	0	17.89	18.05	17.95		
40	QPSK	1	1	17.99	18.18	18.05	19.5	0.0
40	QPSK	1	108	17.96	18.12	18.02		
40	QPSK	1	214	17.93	18.12	18.04		
40	QPSK	108	0	17.89	18.06	17.90	19.5	0.0
40	QPSK	108	54	17.97	18.09	18.01	19.5	0.0
40	QPSK	108	108	17.92	17.88	17.85	19.5	0.0
40	QPSK	216	0	17.82	17.99	17.98		
40	16QAM	1	1	17.79	18.05	17.82	19.5	0.0
40	64QAM	1	1	18.05	18.15	17.97	19.5	0.0
40	256QAM	1	1	17.98	18.04	17.99	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.91	18.10	17.90	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.91	18.08	17.93	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.90	18.02	17.89	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.91	18.12	17.89	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.85	18.09	17.93	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.92	18.09	17.89	19.5	0.0

n66_Ant 2_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.63	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.63	23.41	23.38		
40	PI/2 BPSK	1	214	23.62	23.44	23.49		
40	PI/2 BPSK	108	0	23.07	22.97	23.01	24.5	0.5
40	PI/2 BPSK	108	54	23.75	23.55	23.66	25.0	0.0
40	PI/2 BPSK	108	108	23.14	22.97	23.00	24.5	0.5
40	PI/2 BPSK	216	0	23.17	23.04	23.12		
40	QPSK	1	1	23.82	23.96	23.85	25.0	0.0
40	QPSK	1	108	23.80	23.89	23.84		
40	QPSK	1	214	23.68	23.75	23.52		
40	QPSK	108	0	22.50	22.59	22.58	24.0	1.0
40	QPSK	108	54	23.63	23.65	23.47	25.0	0.0
40	QPSK	108	108	22.54	22.71	22.37	24.0	1.0
40	QPSK	216	0	22.54	22.68	22.43		
40	16QAM	1	1	22.29	22.20	22.20	24.0	1.0
40	64QAM	1	1	20.98	20.80	20.92	22.5	2.5
40	256QAM	1	1	19.59	19.41	19.43	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.88	23.67	23.86	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.89	23.65	23.77	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.76	23.84	25.0	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	23.66	23.76	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.76	23.87	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.87	23.73	23.83	25.0	0.0

n66_Ant 5_Other PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.21	19.36	19.06	20.5	0.0
40	PI/2 BPSK	1	108	19.24	19.19	19.10		
40	PI/2 BPSK	1	214	19.29	19.30	19.11		
40	PI/2 BPSK	108	0	19.17	19.22	19.14	20.5	0.0
40	PI/2 BPSK	108	54	19.22	19.27	19.16	20.5	0.0
40	PI/2 BPSK	108	108	19.23	19.29	19.12	20.5	0.0
40	PI/2 BPSK	216	0	19.15	19.27	19.13		
40	QPSK	1	1	19.32	19.38	19.19	20.5	0.0
40	QPSK	1	108	19.27	19.35	19.10		
40	QPSK	1	214	19.22	19.36	19.09		
40	QPSK	108	0	19.20	19.18	19.07	20.5	0.0
40	QPSK	108	54	19.23	19.28	19.12	20.5	0.0
40	QPSK	108	108	19.13	19.10	18.98	20.5	0.0
40	QPSK	216	0	19.27	19.29	19.18		
40	16QAM	1	1	19.29	19.30	19.13	20.5	0.0
40	64QAM	1	1	19.26	19.29	19.09	20.5	0.0
40	256QAM	1	1	19.16	19.29	19.13	20.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.21	19.24	19.19	20.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.18	19.18	19.21	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.19	19.28	19.18	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.18	19.28	19.22	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.22	19.19	19.13	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.17	19.22	19.16	20.5	0.0

n66_Ant 3_Other PA

BW [MHz]	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	17.56	17.64	17.52	19.5	0.0
40	PI/2 BPSK	1	108	17.54	17.62	17.52		
40	PI/2 BPSK	1	214	17.58	17.74	17.50		
40	PI/2 BPSK	108	0	17.61	17.65	17.67	19.5	0.0
40	PI/2 BPSK	108	54	17.63	17.74	17.58	19.5	0.0
40	PI/2 BPSK	108	108	17.55	17.70	17.58	19.5	0.0
40	PI/2 BPSK	216	0	17.64	17.63	17.58		
40	QPSK	1	1	17.66	17.78	17.65	19.5	0.0
40	QPSK	1	108	17.56	17.72	17.53		
40	QPSK	1	214	17.60	17.67	17.62		
40	QPSK	108	0	17.57	17.74	17.55	19.5	0.0
40	QPSK	108	54	17.63	17.76	17.65	19.5	0.0
40	QPSK	108	108	17.61	17.72	17.59	19.5	0.0
40	QPSK	216	0	17.53	17.62	17.59		
40	16QAM	1	1	17.60	17.65	17.64	19.5	0.0
40	64QAM	1	1	17.66	17.62	17.59	19.5	0.0
40	256QAM	1	1	17.69	17.68	17.64	19.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.62	17.67	17.55	19.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.65	17.71	17.55	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.63	17.70	17.55	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.66	17.75	17.59	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.61	17.72	17.55	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.64	17.70	17.55	19.5	0.0

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_26A-38A	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595	38000	24.85	25.05
		CA_26A-41A	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	24.93	25.05
		CA_2A-26A	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	24.03	24.15
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	25.06	25.26
		CA_2A-38A	Band 7	20M	2535	21100	QPSK	1	0	Band 38	20M	2595	38000	24.01	24.15
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	24.06	24.15
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.80	1098	24.03	24.15
		CA_38C	Band 38	20M	2595	38000	QPSK	1	0	Band 38	20M	2614.80	38198	24.95	25.05
		CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	25.11	25.25
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	24.52	24.61
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.30	66979	24.55	24.61

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	24.06	24.15
		CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	24.01	24.15
		CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	23.95	24.15
		CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.74	24.86
		CA_7A-66A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	25.14	25.26
		CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	24.11	24.15
		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.08	24.15
		CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.01	24.15
		CA_4A-4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	25.02	25.15
		CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	25.03	25.15
		CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	24.77	24.86
		CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.68	24.86
Intra-Band	Non-Contiguous	CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2506	39750	Band 41	20M	2680	41490	25.17	25.25
	Contiguous	CA_41D	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	25.19	25.25

Uplink CA Power

CA_7C_Ant 4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	24.52	25.70
21100	20902	QPSK	1	0	0	0	1	0	Full	24.48	25.70
21350	21152	QPSK	1	0	0	0	1	0	Full	24.46	25.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	18.58	19.70
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	18.46	19.70
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	18.53	19.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	20.10	21.20
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	20.05	21.20
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	19.93	21.20
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	24.53	25.70
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	24.51	25.70
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	24.47	25.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	18.46	19.70
21100	20902	QPSK	1	0	0	0	1	0	ECI 5	18.48	19.70
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	18.46	19.70

CA_38C_Ant 4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	Full	24.35	25.70
37901	38099	QPSK	1	0	0	0	1	Full	24.45	25.70
38150	37952	QPSK	1	0	0	0	1	Full	24.31	25.70
37850	38048	QPSK	1	0	0	0	1	ECI 1	19.62	20.70
37901	38099	QPSK	1	0	0	0	1	ECI 1	19.58	20.70
38150	37952	QPSK	1	0	0	0	1	ECI 1	19.52	20.70
37850	38048	QPSK	1	0	0	0	1	ECI 3	21.06	22.20
37901	38099	QPSK	1	0	0	0	1	ECI 3	21.14	22.20
38150	37952	QPSK	1	0	0	0	1	ECI 3	21.00	22.20
37850	38048	QPSK	1	0	0	0	1	ECI 4	24.39	25.70
37901	38099	QPSK	1	0	0	0	1	ECI 4	24.45	25.70
38150	37952	QPSK	1	0	0	0	1	ECI 4	24.26	25.70
37850	38048	QPSK	1	0	0	0	1	ECI 5	19.41	20.70
37901	38099	QPSK	1	0	0	0	1	ECI 5	19.64	20.70
38150	37952	QPSK	1	0	0	0	1	ECI 5	19.47	20.70

CA_7C_Ant 2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.94	25.00
21100	20902	QPSK	1	0	0	0	1	0	Full	23.78	25.00
21350	21152	QPSK	1	0	0	0	1	0	Full	23.88	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	23.88	25.00
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	23.73	25.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	23.89	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	21.08	22.00
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	20.75	22.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	20.90	22.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	23.89	25.00
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	23.76	25.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	23.85	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	20.94	22.00
21100	20902	QPSK	1	0	0	0	1	0	ECI 5	20.81	22.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	20.83	22.00

CA_38C_Ant 2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	Full	23.45	24.50
37901	38099	QPSK	1	0	0	0	1	Full	23.55	24.50
38150	37952	QPSK	1	0	0	0	1	Full	23.49	24.50
37850	38048	QPSK	1	0	0	0	1	ECI 1	23.47	24.50
37901	38099	QPSK	1	0	0	0	1	ECI 1	23.52	24.50
38150	37952	QPSK	1	0	0	0	1	ECI 1	23.50	24.50
37850	38048	QPSK	1	0	0	0	1	ECI 3	23.45	24.50
37901	38099	QPSK	1	0	0	0	1	ECI 3	23.50	24.50
38150	37952	QPSK	1	0	0	0	1	ECI 3	23.47	24.50
37850	38048	QPSK	1	0	0	0	1	ECI 4	23.48	24.50
37901	38099	QPSK	1	0	0	0	1	ECI 4	23.52	24.50
38150	37952	QPSK	1	0	0	0	1	ECI 4	23.49	24.50
37850	38048	QPSK	1	0	0	0	1	ECI 5	23.44	24.50
37901	38099	QPSK	1	0	0	0	1	ECI 5	23.49	24.50
38150	37952	QPSK	1	0	0	0	1	ECI 5	23.46	24.50

CA_7C_Ant 5

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	24.80	25.70
21100	20902	QPSK	1	0	0	0	1	0	Full	24.75	25.70
21350	21152	QPSK	1	0	0	0	1	0	Full	24.78	25.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	20.23	21.20
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	20.24	21.20
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	20.28	21.20
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	21.74	22.70
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	21.72	22.70
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	21.78	22.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	21.68	22.70
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	21.62	22.70
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	21.67	22.70
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	20.23	21.20
21100	20902	QPSK	1	0	0	0	1	0	ECI 5	20.20	21.20
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	20.25	21.20

CA_38C_Ant 5

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	Full	24.61	25.70
37901	38099	QPSK	1	0	0	0	1	Full	24.65	25.70
38150	37952	QPSK	1	0	0	0	1	Full	24.58	25.70
37850	38048	QPSK	1	0	0	0	1	ECI 1	21.35	22.20
37901	38099	QPSK	1	0	0	0	1	ECI 1	21.41	22.20
38150	37952	QPSK	1	0	0	0	1	ECI 1	21.33	22.20
37850	38048	QPSK	1	0	0	0	1	ECI 3	22.35	23.20
37901	38099	QPSK	1	0	0	0	1	ECI 3	22.38	23.20
38150	37952	QPSK	1	0	0	0	1	ECI 3	22.33	23.20
37850	38048	QPSK	1	0	0	0	1	ECI 4	22.37	23.20
37901	38099	QPSK	1	0	0	0	1	ECI 4	22.42	23.20
38150	37952	QPSK	1	0	0	0	1	ECI 4	22.35	23.20
37850	38048	QPSK	1	0	0	0	1	ECI 5	21.35	22.20
37901	38099	QPSK	1	0	0	0	1	ECI 5	21.38	22.20
38150	37952	QPSK	1	0	0	0	1	ECI 5	21.37	22.20

CA_7C_Ant 3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.49	25.50
21100	20902	QPSK	1	0	0	0	1	0	Full	23.45	25.50
21350	21152	QPSK	1	0	0	0	1	0	Full	23.47	25.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	16.63	18.50
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	16.57	18.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	16.62	18.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	17.07	19.00
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	17.03	19.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	17.05	19.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	23.52	25.50
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	23.51	25.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	23.50	25.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	16.55	18.50
21100	20902	QPSK	1	0	0	0	1	0	ECI 5	16.53	18.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	16.52	18.50

CA_38C_Ant 3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	Full	23.33	25.00
37901	38099	QPSK	1	0	0	0	1	Full	23.41	25.00
38150	37952	QPSK	1	0	0	0	1	Full	23.29	25.00
37850	38048	QPSK	1	0	0	0	1	ECI 1	18.53	20.00
37901	38099	QPSK	1	0	0	0	1	ECI 1	18.58	20.00
38150	37952	QPSK	1	0	0	0	1	ECI 1	18.42	20.00
37850	38048	QPSK	1	0	0	0	1	ECI 3	18.62	20.00
37901	38099	QPSK	1	0	0	0	1	ECI 3	18.59	20.00
38150	37952	QPSK	1	0	0	0	1	ECI 3	18.41	20.00
37850	38048	QPSK	1	0	0	0	1	ECI 4	23.32	25.00
37901	38099	QPSK	1	0	0	0	1	ECI 4	23.40	25.00
38150	37952	QPSK	1	0	0	0	1	ECI 4	23.28	25.00
37850	38048	QPSK	1	0	0	0	1	ECI 5	18.53	20.00
37901	38099	QPSK	1	0	0	0	1	ECI 5	18.64	20.00
38150	37952	QPSK	1	0	0	0	1	ECI 5	18.41	20.00

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	23.71	23.84	23.69	25.0	0.0
20	PI/2 BPSK	1	53	23.53	23.69	23.63		
20	PI/2 BPSK	1	104	23.73	23.85	23.70		
20	PI/2 BPSK	50	0	23.13	23.19	23.08	24.5	0.5
20	PI/2 BPSK	50	28	23.54	23.69	23.64	25.0	0.0
20	PI/2 BPSK	50	56	23.04	23.13	23.08	24.5	0.5
20	PI/2 BPSK	100	0	23.03	23.16	23.06		
20	QPSK	1	1	23.92	23.96	23.93	25.0	0.0
20	QPSK	1	53	23.80	23.83	23.66		
20	QPSK	1	104	23.89	23.82	23.91		
20	QPSK	50	0	22.74	22.74	22.69	24.0	1.0
20	QPSK	50	28	23.09	23.65	23.49	25.0	0.0
20	QPSK	50	56	22.78	22.67	22.67	24.0	1.0
20	QPSK	100	0	22.74	22.75	22.68		
20	16QAM	1	1	22.50	22.64	22.46	24.0	1.0
20	64QAM	1	1	21.10	21.18	21.03	22.5	2.5
20	256QAM	1	1	19.61	19.74	19.60	20.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.75	23.81	23.67	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.72	23.85	23.63	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.73	23.91	23.69	25.0	0.0

n2_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.88	22.76	24.5	0.0
20	PI/2 BPSK	1	53	22.51	22.67	22.57		
20	PI/2 BPSK	1	104	22.76	22.85	22.76		
20	PI/2 BPSK	50	0	22.06	22.20	22.07	24.0	0.5
20	PI/2 BPSK	50	28	22.59	22.68	22.57	24.5	0.0
20	PI/2 BPSK	50	56	22.10	22.15	22.01	24.0	0.5
20	PI/2 BPSK	100	0	22.07	22.16	22.04		
20	QPSK	1	1	22.85	23.00	22.98	24.5	0.0
20	QPSK	1	53	22.88	22.83	22.75		
20	QPSK	1	104	22.92	22.89	22.95		
20	QPSK	50	0	21.78	21.75	21.73	23.5	1.0
20	QPSK	50	28	22.62	22.65	22.53	24.5	0.0
20	QPSK	50	56	21.77	21.69	21.74	23.5	1.0
20	QPSK	100	0	21.74	21.80	21.77		
20	16QAM	1	1	21.53	21.69	21.62	23.5	1.0
20	64QAM	1	1	20.03	20.16	20.01	22.0	2.5
20	256QAM	1	1	18.59	18.71	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.79	22.85	22.71	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.84	22.72	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.80	22.79	22.69	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.30	23.40	23.26	25.0	0.0
20	PI/2 BPSK	1	53	23.28	23.41	23.35		
20	PI/2 BPSK	1	104	23.36	23.44	23.29		
20	PI/2 BPSK	50	0	22.69	22.78	22.70	24.5	0.5
20	PI/2 BPSK	50	28	23.15	23.25	23.17	25.0	0.0
20	PI/2 BPSK	50	56	22.64	22.78	22.64	24.5	0.5
20	PI/2 BPSK	100	0	22.60	22.76	22.62		
20	QPSK	1	1	23.42	23.56	23.54	25.0	0.0
20	QPSK	1	53	23.26	23.45	23.32		
20	QPSK	1	104	23.39	23.47	23.51		
20	QPSK	50	0	22.58	22.34	22.28	24.0	1.0
20	QPSK	50	28	23.26	23.28	23.09	25.0	0.0
20	QPSK	50	56	22.36	22.26	22.32	24.0	1.0
20	QPSK	100	0	22.28	22.31	22.29		
20	16QAM	1	1	22.05	22.21	22.10	24.0	1.0
20	64QAM	1	1	20.63	20.77	20.61	22.5	2.5
20	256QAM	1	1	19.29	19.36	19.22	20.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.28	23.44	23.23	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.26	23.43	23.30	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.29	23.45	23.31	25.0	0.0

n2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Channel				372000	376000	380000			
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	23.02	23.15	23.05	24.5	0.0	0.33
20	PI/2 BPSK	1	53	23.07	23.17	23.12			
20	PI/2 BPSK	1	104	23.31	23.32	23.35			
20	PI/2 BPSK	50	0	22.51	22.63	22.56	24.0	0.5	0.12
20	PI/2 BPSK	50	28	23.02	23.10	22.94	24.5	0.0	0.16
20	PI/2 BPSK	50	56	22.42	22.53	22.44	24.0	0.5	0.15
20	PI/2 BPSK	100	0	22.52	22.57	22.49			
20	QPSK	1	1	23.26	23.40	23.38	24.5	0.0	0.25
20	QPSK	1	53	23.15	23.23	23.18			
20	QPSK	1	104	23.25	23.35	23.35			
20	QPSK	50	0	22.14	22.18	22.16	23.5	1.0	0.04
20	QPSK	50	28	22.97	22.99	22.86	24.5	0.0	0.03
20	QPSK	50	56	22.18	22.10	22.16	23.5	1.0	0.10
20	QPSK	100	0	22.13	22.20	22.18			
20	16QAM	1	1	21.89	22.05	21.93	23.5	1.0	0.16
20	64QAM	1	1	20.39	20.54	20.38	22.0	2.5	0.16
20	256QAM	1	1	19.07	19.15	19.05	20.0	4.5	0.10
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.91	23.04	23.00	24.5	0.0	0.13
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.89	23.01	22.95	24.5	0.0	0.12
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.88	23.07	22.91	24.5	0.0	0.19

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	24.97	25.03	24.93	25.7	0.0
20	PI/2 BPSK	1	53	24.91	25.03	24.91		
20	PI/2 BPSK	1	104	24.86	24.92	24.82		
20	PI/2 BPSK	50	0	24.40	24.54	24.43	25.2	0.5
20	PI/2 BPSK	50	28	24.98	25.03	24.87	25.7	0.0
20	PI/2 BPSK	50	56	24.37	24.44	24.33	25.2	0.5
20	PI/2 BPSK	100	0	24.37	24.51	24.36		
20	QPSK	1	1	25.22	25.25	25.15	25.7	0.0
20	QPSK	1	53	25.20	25.12	25.12		
20	QPSK	1	104	25.08	25.04	25.00		
20	QPSK	50	0	23.92	24.01	23.86	24.7	1.0
20	QPSK	50	28	25.01	25.09	24.98	25.7	0.0
20	QPSK	50	56	23.78	23.94	23.85	24.7	1.0
20	QPSK	100	0	23.88	24.01	23.94		
20	16QAM	1	1	23.60	23.70	23.56	24.7	1.0
20	64QAM	1	1	22.17	22.24	22.17	23.2	2.5
20	256QAM	1	1	20.65	20.78	20.66	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.90	24.93	24.88	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.84	24.98	24.78	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	24.98	24.86	25.7	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	24.01	24.16	24.00	25.5	0.0
20	PI/2 BPSK	1	53	24.03	24.15	23.99		
20	PI/2 BPSK	1	104	23.92	24.06	24.00		
20	PI/2 BPSK	50	0	23.55	23.67	23.57	25.0	0.5
20	PI/2 BPSK	50	28	24.04	24.20	24.14	25.5	0.0
20	PI/2 BPSK	50	56	23.52	23.57	23.43	25.0	0.5
20	PI/2 BPSK	100	0	23.52	23.66	23.55		
20	QPSK	1	1	24.27	24.31	24.20	25.5	0.0
20	QPSK	1	53	24.10	24.30	24.12		
20	QPSK	1	104	24.08	24.19	24.01		
20	QPSK	50	0	23.12	23.18	23.12	24.5	1.0
20	QPSK	50	28	24.08	24.16	24.01	25.5	0.0
20	QPSK	50	56	22.92	23.08	22.98	24.5	1.0
20	QPSK	100	0	23.00	23.16	23.09		
20	16QAM	1	1	22.76	22.88	22.74	24.5	1.0
20	64QAM	1	1	21.39	21.46	21.41	23.0	2.5
20	256QAM	1	1	19.90	19.96	19.81	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.91	24.08	23.90	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.96	24.10	23.93	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.88	24.09	23.84	25.5	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.81	24.67	24.75	25.7	0.0
50	PI/2 BPSK	1	135	24.79	24.64	24.68		
50	PI/2 BPSK	1	268	24.77	24.65	24.70		
50	PI/2 BPSK	135	0	24.39	24.29	24.23	25.2	0.5
50	PI/2 BPSK	135	68	24.91	24.77	24.84	25.7	0.0
50	PI/2 BPSK	135	135	24.39	24.24	24.29	25.2	0.5
50	PI/2 BPSK	270	0	24.24	24.18	24.10		
50	QPSK	1	1	24.92	25.23	25.00	25.7	0.0
50	QPSK	1	135	24.90	25.08	24.82		
50	QPSK	1	268	24.87	24.76	24.95		
50	QPSK	135	0	23.78	24.26	23.84	24.7	1.0
50	QPSK	135	68	24.80	24.95	24.83	25.7	0.0
50	QPSK	135	135	23.79	24.21	23.75	24.7	1.0
50	QPSK	270	0	23.75	24.24	23.76		
50	16QAM	1	1	23.49	23.40	23.44	24.7	1.0
50	64QAM	1	1	22.04	21.99	21.89	23.2	2.5
50	256QAM	1	1	20.64	20.59	20.52	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.11	24.75	24.92	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.16	24.76	24.93	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.16	24.82	24.90	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.18	24.79	24.85	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.14	24.76	24.94	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.07	24.81	24.89	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.17	24.86	24.88	25.7	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.56	23.42	23.48	25.0	0.0
50	PI/2 BPSK	1	135	23.39	23.32	23.28		
50	PI/2 BPSK	1	268	23.33	23.17	23.20		
50	PI/2 BPSK	135	0	23.07	22.92	22.99	24.5	0.5
50	PI/2 BPSK	135	68	23.62	23.46	23.53	25.0	0.0
50	PI/2 BPSK	135	135	22.96	22.90	22.83	24.5	0.5
50	PI/2 BPSK	270	0	22.98	22.89	22.87		
50	QPSK	1	1	23.76	23.94	23.75	25.0	0.0
50	QPSK	1	135	23.63	23.76	23.58		
50	QPSK	1	268	23.51	23.55	23.51		
50	QPSK	135	0	22.53	22.47	22.46	24.0	1.0
50	QPSK	135	68	23.52	23.58	23.47	25.0	0.0
50	QPSK	135	135	22.36	22.44	22.17	24.0	1.0
50	QPSK	270	0	22.39	22.40	22.34		
50	16QAM	1	1	22.26	22.18	22.18	24.0	1.0
50	64QAM	1	1	20.85	20.79	20.78	22.5	2.5
50	256QAM	1	1	19.40	19.31	19.25	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.32	23.51	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.36	23.50	23.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.30	23.49	23.42	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.29	23.45	23.33	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.35	23.43	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.31	23.46	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.08	24.00	23.97	25.7	0.0
50	PI/2 BPSK	1	135	23.84	23.73	23.78		
50	PI/2 BPSK	1	268	23.86	23.80	23.80		
50	PI/2 BPSK	135	0	23.44	23.38	23.36	25.2	0.5
50	PI/2 BPSK	135	68	24.09	24.04	23.95	25.7	0.0
50	PI/2 BPSK	135	135	23.43	23.31	23.31	25.2	0.5
50	PI/2 BPSK	270	0	23.42	23.36	23.34		
50	QPSK	1	1	24.08	24.19	24.00	25.7	0.0
50	QPSK	1	135	24.07	24.01	23.95		
50	QPSK	1	268	24.03	23.89	23.98		
50	QPSK	135	0	22.94	23.40	22.93	24.7	1.0
50	QPSK	135	68	23.99	24.11	23.87	25.7	0.0
50	QPSK	135	135	22.95	23.41	23.26	24.7	1.0
50	QPSK	270	0	22.93	23.38	23.36		
50	16QAM	1	1	22.81	22.79	22.76	24.7	1.0
50	64QAM	1	1	21.21	21.28	21.20	23.2	2.5
50	256QAM	1	1	19.82	19.73	19.75	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.13	24.00	23.78	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.08	23.99	23.78	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.14	23.99	23.86	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.13	24.00	23.81	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.06	23.96	23.76	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.04	23.97	23.86	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.04	23.94	23.80	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505500	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.83	23.76	23.72	25.0	0.0
50	PI/2 BPSK	1	135	23.62	23.51	23.47		
50	PI/2 BPSK	1	268	23.54	23.41	23.40		
50	PI/2 BPSK	135	0	23.28	23.22	23.22	24.5	0.5
50	PI/2 BPSK	135	68	23.84	23.75	23.79	25.0	0.0
50	PI/2 BPSK	135	135	23.23	23.08	23.08	24.5	0.5
50	PI/2 BPSK	270	0	23.26	23.13	23.14		
50	QPSK	1	1	23.88	23.98	23.85	25.0	0.0
50	QPSK	1	135	23.73	23.87	23.78		
50	QPSK	1	268	23.63	23.74	23.83		
50	QPSK	135	0	22.78	22.73	22.66	24.0	1.0
50	QPSK	135	68	23.80	23.83	23.70	25.0	0.0
50	QPSK	135	135	22.60	22.77	22.46	24.0	1.0
50	QPSK	270	0	22.71	22.73	22.65		
50	16QAM	1	1	22.43	22.30	22.37	24.0	1.0
50	64QAM	1	1	20.97	20.91	20.91	22.5	2.5
50	256QAM	1	1	19.58	19.43	19.43	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.64	23.72	23.61	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.63	23.71	23.57	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.64	23.71	23.61	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.61	23.68	23.60	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.65	23.72	23.60	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.65	23.69	23.61	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.62	23.72	23.58	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.43	24.58	24.52	25.5	0.0
15	PI/2 BPSK	1	40	24.48	24.54	24.49		
15	PI/2 BPSK	1	77	24.51	24.62	24.51		
15	PI/2 BPSK	36	0	23.99	24.07	23.94	25.0	0.5
15	PI/2 BPSK	36	22	24.46	24.52	24.37	25.5	0.0
15	PI/2 BPSK	36	43	23.90	24.00	23.84	25.0	0.5
15	PI/2 BPSK	75	0	23.89	24.03	23.92		
15	QPSK	1	1	24.70	24.75	24.73	25.5	0.0
15	QPSK	1	40	24.69	24.65	24.59		
15	QPSK	1	77	24.55	24.63	24.71		
15	QPSK	36	0	23.38	23.43	23.36	24.5	1.0
15	QPSK	36	22	24.33	24.48	24.40	25.5	0.0
15	QPSK	36	43	23.40	23.49	23.35	24.5	1.0
15	QPSK	75	0	23.47	23.52	23.36		
15	16QAM	1	1	23.23	23.36	23.30	24.5	1.0
15	64QAM	1	1	21.81	21.89	21.79	23.0	2.5
15	256QAM	1	1	20.25	20.38	20.26	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.27	24.49	24.39	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.36	24.45	24.43	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.86	23.98	23.92	25.5	0.0
15	PI/2 BPSK	1	40	23.81	23.92	23.86		
15	PI/2 BPSK	1	77	23.83	23.97	23.85		
15	PI/2 BPSK	36	0	23.37	23.46	23.30	25.0	0.5
15	PI/2 BPSK	36	22	23.85	23.93	23.83	25.5	0.0
15	PI/2 BPSK	36	43	23.34	23.42	23.37	25.0	0.5
15	PI/2 BPSK	75	0	23.37	23.44	23.39		
15	QPSK	1	1	24.11	24.15	24.11	25.5	0.0
15	QPSK	1	40	24.10	24.04	23.99		
15	QPSK	1	77	23.96	24.06	24.10		
15	QPSK	36	0	22.93	23.00	22.97	24.5	1.0
15	QPSK	36	22	23.92	23.95	23.86	25.5	0.0
15	QPSK	36	43	22.90	22.91	22.85	24.5	1.0
15	QPSK	75	0	22.93	22.95	22.93		
15	16QAM	1	1	22.62	22.78	22.72	24.5	1.0
15	64QAM	1	1	21.16	21.32	21.25	23.0	2.5
15	256QAM	1	1	19.66	19.81	19.74	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.86	23.83	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.74	23.90	23.85	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.06	25.21	25.07	25.7	0.0
20	PI/2 BPSK	1	53	24.92	25.06	24.93		
20	PI/2 BPSK	1	104	24.91	24.96	24.80		
20	PI/2 BPSK	50	0	24.47	24.59	24.44	25.2	0.5
20	PI/2 BPSK	50	28	25.02	25.07	24.91	25.7	0.0
20	PI/2 BPSK	50	56	24.40	24.54	24.44	25.2	0.5
20	PI/2 BPSK	100	0	24.54	24.61	24.47		
20	QPSK	1	1	25.15	25.35	25.05	25.7	0.0
20	QPSK	1	53	25.13	25.25	24.96		
20	QPSK	1	104	25.06	25.10	24.86		
20	QPSK	50	0	24.00	24.10	23.99	24.7	1.0
20	QPSK	50	28	24.95	25.03	24.95	25.7	0.0
20	QPSK	50	56	23.96	24.02	23.95	24.7	1.0
20	QPSK	100	0	24.01	24.06	23.92		
20	16QAM	1	1	23.78	23.87	23.76	24.7	1.0
20	64QAM	1	1	22.29	22.44	22.35	23.2	2.5
20	256QAM	1	1	20.82	20.96	20.80	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.92	25.12	24.99	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.90	25.09	24.91	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.96	25.15	24.91	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.35	24.43	24.32	25.5	0.0
20	PI/2 BPSK	1	53	24.16	24.26	24.16		
20	PI/2 BPSK	1	104	24.00	24.13	24.03		
20	PI/2 BPSK	50	0	23.76	23.83	23.72	25.0	0.5
20	PI/2 BPSK	50	28	24.17	24.27	24.21	25.5	0.0
20	PI/2 BPSK	50	56	23.69	23.75	23.65	25.0	0.5
20	PI/2 BPSK	100	0	23.73	23.80	23.65		
20	QPSK	1	1	24.47	24.50	24.41	25.5	0.0
20	QPSK	1	53	24.43	24.35	24.25		
20	QPSK	1	104	24.38	24.21	24.17		
20	QPSK	50	0	23.16	23.28	23.15	24.5	1.0
20	QPSK	50	28	24.05	24.17	24.01	25.5	0.0
20	QPSK	50	56	23.13	23.18	23.05	24.5	1.0
20	QPSK	100	0	23.16	23.23	23.13		
20	16QAM	1	1	22.94	23.04	22.89	24.5	1.0
20	64QAM	1	1	21.47	21.60	21.50	23.0	2.5
20	256QAM	1	1	20.08	20.14	20.05	21.0	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.26	24.37	24.21	25.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.21	24.29	24.24	25.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.23	24.35	24.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.83	23.88	23.79	25.0	0.0
40	PI/2 BPSK	1	108	23.80	23.94	23.87		
40	PI/2 BPSK	1	214	23.86	23.97	23.81		
40	PI/2 BPSK	108	0	23.16	23.21	23.12	24.5	0.5
40	PI/2 BPSK	108	54	23.86	23.93	23.85	25.0	0.0
40	PI/2 BPSK	108	108	23.17	23.28	23.22	24.5	0.5
40	PI/2 BPSK	216	0	23.21	23.32	23.23		
40	QPSK	1	1	23.97	24.02	23.96	25.0	0.0
40	QPSK	1	108	23.87	23.98	23.91		
40	QPSK	1	214	23.90	24.01	23.80		
40	QPSK	108	0	23.38	22.91	22.90	24.0	1.0
40	QPSK	108	54	23.84	23.88	23.73	25.0	0.0
40	QPSK	108	108	22.90	22.69	22.61	24.0	1.0
40	QPSK	216	0	22.77	22.78	22.60		
40	16QAM	1	1	22.33	22.49	22.35	24.0	1.0
40	64QAM	1	1	20.88	21.03	20.95	22.5	2.5
40	256QAM	1	1	19.55	19.66	19.53	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.78	23.85	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.92	23.73	23.80	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.88	23.73	23.84	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.81	23.69	23.88	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.71	23.88	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.85	23.70	23.81	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.75	22.70	22.70		
40	PI/2 BPSK	1	108	22.68	22.53	22.52	24.5	0.0
40	PI/2 BPSK	1	214	22.69	22.58	22.57		
40	PI/2 BPSK	108	0	22.13	22.02	22.06	24.0	0.5
40	PI/2 BPSK	108	54	22.81	22.69	22.75	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.05	22.11	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.18	22.18		
40	QPSK	1	1	22.90	23.03	22.92		
40	QPSK	1	108	22.87	22.94	22.90	24.5	0.0
40	QPSK	1	214	22.83	22.91	22.64		
40	QPSK	108	0	21.59	21.72	21.63	23.5	1.0
40	QPSK	108	54	22.68	22.74	22.61	24.5	0.0
40	QPSK	108	108	21.63	21.77	21.51	23.5	1.0
40	QPSK	216	0	21.64	21.78	21.51		
40	16QAM	1	1	21.37	21.25	21.30	23.5	1.0
40	64QAM	1	1	20.05	19.95	20.00	22.0	2.5
40	256QAM	1	1	18.64	18.53	18.51	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	22.67	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.89	22.65	22.77	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.94	22.76	22.84	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.94	22.66	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.76	22.87	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.87	22.73	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.46	23.40	23.31		
40	PI/2 BPSK	1	108	23.49	23.43	23.40	25.0	0.0
40	PI/2 BPSK	1	214	23.46	23.41	23.34		
40	PI/2 BPSK	108	0	22.87	22.82	22.72	24.5	0.5
40	PI/2 BPSK	108	54	23.47	23.42	23.40	25.0	0.0
40	PI/2 BPSK	108	108	22.90	22.82	22.81	24.5	0.5
40	PI/2 BPSK	216	0	22.94	22.83	22.88		
40	QPSK	1	1	23.63	23.80	23.48		
40	QPSK	1	108	23.59	23.54	23.46	25.0	0.0
40	QPSK	1	214	23.60	23.53	23.31		
40	QPSK	108	0	22.33	22.41	22.24	24.0	1.0
40	QPSK	108	54	23.43	23.44	23.30	25.0	0.0
40	QPSK	108	108	22.32	22.42	22.13	24.0	1.0
40	QPSK	216	0	22.31	22.39	22.17		
40	16QAM	1	1	22.15	22.09	22.10	24.0	1.0
40	64QAM	1	1	20.68	20.61	20.60	22.5	2.5
40	256QAM	1	1	19.32	19.24	19.18	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.24	23.33	23.24	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.24	23.40	23.17	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.25	23.36	23.18	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.25	23.41	23.24	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.30	23.40	23.21	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.29	23.36	23.18	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.85	22.93	22.81		
40	PI/2 BPSK	1	108	22.83	22.92	22.80	24.5	0.0
40	PI/2 BPSK	1	214	22.81	22.87	22.76		
40	PI/2 BPSK	108	0	22.30	22.35	22.28	24.0	0.5
40	PI/2 BPSK	108	54	22.90	22.97	22.84	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.35	22.20	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.39	22.32		
40	QPSK	1	1	23.02	23.05	22.85		
40	QPSK	1	108	22.95	23.04	22.79	24.5	0.0
40	QPSK	1	214	22.84	22.98	22.70		
40	QPSK	108	0	21.85	21.84	21.79	23.5	1.0
40	QPSK	108	54	22.93	22.95	22.85	24.5	0.0
40	QPSK	108	108	21.74	21.81	21.76	23.5	1.0
40	QPSK	216	0	21.72	21.82	21.77		
40	16QAM	1	1	21.56	21.55	21.59	23.5	1.0
40	64QAM	1	1	20.08	20.10	20.01	22.0	2.5
40	256QAM	1	1	18.82	18.77	18.82	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.79	22.81	22.76	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.70	22.88	22.75	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.83	22.68	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.78	22.84	22.66	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1748	1775		
10	QPSK	1	1	22.80	22.88	22.72	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.73	22.81	22.72	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.53	24.61	24.53		
40	PI/2 BPSK	1	53	24.37	24.52	24.43	25.7	0.0
40	PI/2 BPSK	1	104	24.55	24.67	24.58		
40	PI/2 BPSK	50	0	23.78	23.86	23.77	25.2	0.5
40	PI/2 BPSK	50	28	24.22	24.36	24.24	25.7	0.0
40	PI/2 BPSK	50	56	23.72	23.80	23.70	25.2	0.5
40	PI/2 BPSK	100	0	23.69	23.80	23.70		
40	QPSK	1	1	24.69	24.75	24.72		
40	QPSK	1	53	24.64	24.61	24.70	25.7	0.0
40	QPSK	1	104	24.62	24.51	24.70		
40	QPSK	50	0	23.55	23.50	23.50	24.7	1.0
40	QPSK	50	28	24.46	24.50	24.39	25.7	0.0
40	QPSK	50	56	23.49	23.40	23.41	24.7	1.0
40	QPSK	100	0	23.41	23.45	23.44		
40	16QAM	1	1	23.24	23.35	23.19	24.7	1.0
40	64QAM	1	1	21.84	21.98	21.84	23.2	2.5
40	256QAM	1	1	20.39	20.48	20.39	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.66	24.55	24.58	25.7	0.0
Channel				515004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.69	24.51	24.66	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.71	24.59	24.58	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.67	24.57	24.67	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.71	24.51	24.62	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.34	23.40	23.38		
40	PI/2 BPSK	1	53	23.29	23.42	23.33	25.0	0.0
40	PI/2 BPSK	1	104	23.13	23.19	23.12		
40	PI/2 BPSK	50	0	22.69	22.56	22.69	24.5	0.5
40	PI/2 BPSK	50	28	23.15	23.05	23.14	25.0	0.0
40	PI/2 BPSK	50	56	22.59	22.50	22.56	24.5	0.5
40	PI/2 BPSK	100	0	22.65	22.59	22.52		
40	QPSK	1	1	23.43	23.44	23.34		
40	QPSK	1	53	23.42	23.37	23.31	25.0	0.0
40	QPSK	1	104	23.01	23.08	23.07		
40	QPSK	50	0	22.08	22.09	22.06	24.0	1.0
40	QPSK	50	28	22.95	23.02	22.86	25.0	0.0
40	QPSK	50	56	22.00	22.07	22.03	24.0	1.0
40	QPSK	100	0	22.09	22.11	22.06		
40	16QAM	1	1	22.05	22.00	22.07	24.0	1.0
40	64QAM	1	1	20.66	20.51	20.61	22.5	2.5
40	256QAM	1	1	18.98	19.08	18.96	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.21	23.31	23.10	25.0	0.0
Channel				515004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.28	23.29	23.09	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.24	23.32	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.17	23.31	23.10	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.23	23.33	23.10	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.95	24.09	23.94		
40	PI/2 BPSK	1	53	24.22	24.25	24.14	25.7	0.0
40	PI/2 BPSK	1	104	24.05	24.17	24.01		
40	PI/2 BPSK	50	0	23.26	23.34	23.29	25.2	0.5
40	PI/2 BPSK	50	28	23.72	23.88	23.75	25.7	0.0
40	PI/2 BPSK	50	56	23.25	23.29	23.23	25.2	0.5
40	PI/2 BPSK	100	0	23.24	23.29	23.21		
40	QPSK	1	1	24.15	24.30	24.09		
40	QPSK	1	53	24.13	24.12	24.07	25.7	0.0
40	QPSK	1	104	23.93	24.01	23.98		
40	QPSK	50	0	22.88	22.80	22.84	24.7	1.0
40	QPSK	50	28	23.87	23.90	23.80	25.7	0.0
40	QPSK	50	56	22.83	22.75	22.77	24.7	1.0
40	QPSK	100	0	22.83	22.85	22.83		
40	16QAM	1	1	22.80	22.90	22.74	24.7	1.0
40	64QAM	1	1	21.29	21.42	21.30	23.2	2.5
40	256QAM	1	1	19.64	19.80	19.65	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.82	23.93	23.89	25.7	0.0
Channel				515004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.84	23.99	23.89	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.85	24.03	23.86	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.88	23.96	23.79	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.83	24.00	23.87	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.61	23.74	23.62		
40	PI/2 BPSK	1	53	23.71	23.73	23.71	25.0	0.0
40	PI/2 BPSK	1	104	23.52	23.57	23.52		
40	PI/2 BPSK	50	0	22.82	22.92	22.86	24.5	0.5
40	PI/2 BPSK	50	28	23.36	23.42	23.34	25.0	0.0
40	PI/2 BPSK	50	56	22.72	22.82	22.75	24.5	0.5
40	PI/2 BPSK	100	0	22.73	22.88	22.73		
40	QPSK	1	1	23.76	23.80	23.78		
40	QPSK	1	53	23.63	23.65	23.65	25.0	0.0
40	QPSK	1	104	23.50	23.42	23.57		
40	QPSK	50	0	22.96	22.41	22.93	24.0	1.0
40	QPSK	50	28	23.25	23.28	23.20	25.0	0.0
40	QPSK	50	56	22.83	22.28	22.77	24.0	1.0
40	QPSK	100	0	22.82	22.90	22.88		
40	16QAM	1	1	22.05	22.19	22.06	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.71	22.5	2.5
40	256QAM	1	1	19.23	19.36	19.31	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.56	23.63	23.48	25.0	0.0
Channel				516004	519000	521446	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.54	23.60	23.52	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.48	23.62	23.56	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.46	23.69	23.47	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.48	23.65	23.56	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.28	23.05		
100	PI/2 BPSK	1	137	23.11	23.17	22.74	24.5	0.0
100	PI/2 BPSK	1	271	23.08	22.83	22.89		
100	PI/2 BPSK	135	0	22.95	23.13	22.70	24.5	0.0
100	PI/2 BPSK	135	69	23.01	23.08	22.71	24.5	0.0
100	PI/2 BPSK	135	138	23.06	22.92	22.81	24.5	0.0
100	PI/2 BPSK	270	0	22.81	23.01	22.79		
100	QPSK	1	1	23.90	23.52	23.16		
100	QPSK	1	137	23.09	23.07	22.89	24.5	0.0
100	QPSK	1	271	23.05	22.93	22.99		
100	QPSK	135	0	23.11	23.17	22.82	24.5	0.0
100	QPSK	135	69	23.18	23.20	22.90	24.5	0.0
100	QPSK	135	138	23.14	22.83	22.87	24.5	0.0
100	QPSK	270	0	22.97	23.00	22.89		
100	16QAM	1	1	22.87	23.02	22.90	24.5	0.0
100	64QAM	1	1	22.86	23.02	22.94	24.5	0.0
100	256QAM	1	1	22.11	22.17	22.11	23.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.51	23.21	23.01	24.5	0.0
Channel				507204	518598	529596	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.40	23.21	23.07	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.44	23.23	23.03	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.48	23.24	23.10	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.48	23.22	23.10	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.43	23.22	23.03	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.50	23.24	23.05	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.40	23.16	23.09	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.42	23.15	23.01	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.58	26.77	26.62		
100	PI/2 BPSK	1	137	26.68	26.62	26.23	27.5	0.0
100	PI/2 BPSK	1	271	26.64	26.48	26.12		
100	PI/2 BPSK	135	0	25.65	26.18	25.37	27.0	0.5
100	PI/2 BPSK	135	69	26.78	26.78	26.23	27.5	0.0
100	PI/2 BPSK	135	138	25.58	25.93	25.19	27.0	0.5
100	PI/2 BPSK	270	0	25.37	26.01	25.28		
100	QPSK	1	1	26.78	26.80	26.67		
100	QPSK	1	137	26.75	26.78	26.28	27.5	0.0
100	QPSK	1	271	26.73	26.34	26.18		
100	QPSK	135	0	25.72	25.71	25.55	26.5	1.0
100	QPSK	135	69	26.53	26.67	26.37	27.5	0.0
100	QPSK	135	138	25.68	25.57	25.53	26.5	1.0
100	QPSK	270	0	25.53	25.55	25.34		
100	16QAM	1	1	25.40	25.49	25.38	26.5	1.0
100	64QAM	1	1	23.97	24.06	23.98	25.0	2.5
100	256QAM	1	1	22.73	22.87	22.74	23.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.54	26.54	26.60	27.5	0.0
Channel				507204	518598	529596	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.58	26.54	26.60	27.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.50	26.57	26.59	27.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.53	26.62	26.56	27.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.51	26.55	26.55	27.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.50	26.65	26.60	27.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	26.48	26.56	26.54	27.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.53	26.60	26.61	27.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.56	26.64	26.61	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.10	22.17	22.01		
100	PI/2 BPSK	1	137	21.71	21.77	21.72	23.5	0.0
100	PI/2 BPSK	1	271	21.71	21.84	21.74		
100	PI/2 BPSK	135	0	21.84	21.89	21.79	23.5	0.0
100	PI/2 BPSK	135	69	22.02	21.71	21.97	23.5	0.0
100	PI/2 BPSK	135	138	21.82	21.89	21.81	23.5	0.0
100	PI/2 BPSK	270	0	21.96	22.04	21.96		
100	QPSK	1	1	22.18	22.25	22.14		
100	QPSK	1	137	21.76	21.82	21.71	23.5	0.0
100	QPSK	1	271	21.81	21.96	21.85		
100	QPSK	135	0	21.82	21.94	21.78	23.5	0.0
100	QPSK	135	69	22.11	22.17	22.12	23.5	0.0
100	QPSK	135	138	21.84	21.96	21.88	23.5	0.0
100	QPSK	270	0	22.06	22.09	22.07		
100	16QAM	1	1	21.89	21.90	21.73	23.5	0.0
100	64QAM	1	1	21.97	21.70	21.99	23.5	0.0
100	256QAM	1	1	21.15	21.28	21.15	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.05	22.09	22.00	23.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.05	22.10	22.09	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.04	22.14	22.06	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.05	22.09	22.03	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.07	22.10	22.05	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.09	22.17	22.09	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.13	22.13	22.09	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.10	22.13	22.08	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.06	22.15	22.09	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.94	25.40	25.34		
100	PI/2 BPSK	1	137	25.29	25.36	24.70	26.5	0.0
100	PI/2 BPSK	1	271	25.36	24.80	24.92		
100	PI/2 BPSK	135	0	24.88	24.81	24.36	26.0	0.5
100	PI/2 BPSK	135	69	25.38	25.35	24.91	26.5	0.0
100	PI/2 BPSK	135	138	24.83	24.38	24.11	26.0	0.5
100	PI/2 BPSK	270	0	24.65	24.60	24.19		
100	QPSK	1	1	25.40	25.45	25.20		
100	QPSK	1	137	25.35	25.34	24.75	26.5	0.0
100	QPSK	1	271	25.32	24.87	25.03		
100	QPSK	135	0	24.37	24.24	24.44	25.5	1.0
100	QPSK	135	69	25.23	25.25	24.99	26.5	0.0
100	QPSK	135	138	24.39	24.08	24.18	25.5	1.0
100	QPSK	270	0	24.49	24.59	24.29		
100	16QAM	1	1	24.06	24.16	24.11	25.5	1.0
100	64QAM	1	1	22.65	22.79	22.72	24.0	2.5
100	256QAM	1	1	21.45	21.58	21.45	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.91	25.17	25.35	26.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	25.22	25.37	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.01	25.19	25.34	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.98	25.19	25.34	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.01	25.20	25.35	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.96	25.23	25.39	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.95	25.25	25.40	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.91	25.25	25.41	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.91	25.27	25.41	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.86	22.97	22.82		
100	PI/2 BPSK	1	137	22.67	22.66	22.49	24.0	0.0
100	PI/2 BPSK	1	271	22.75	22.59	22.65		
100	PI/2 BPSK	135	0	22.59	22.67	22.56	24.0	0.0
100	PI/2 BPSK	135	69	22.74	22.64	22.39	24.0	0.0
100	PI/2 BPSK	135	138	22.77	22.52	22.83	24.0	0.0
100	PI/2 BPSK	270	0	22.52	22.48	22.49		
100	QPSK	1	1	23.00	23.12	22.90		
100	QPSK	1	137	22.78	22.74	22.66	24.0	0.0
100	QPSK	1	271	22.90	22.66	22.81		
100	QPSK	135	0	22.66	22.76	22.68	24.0	0.0
100	QPSK	135	69	22.75	22.78	22.70	24.0	0.0
100	QPSK	135	138	22.73	22.57	22.67	24.0	0.0
100	QPSK	270	0	22.64	22.65	22.56		
100	16QAM	1	1	22.74	22.47	22.79	24.0	0.0
100	64QAM	1	1	22.57	22.56	22.43	24.0	0.0
100	256QAM	1	1	22.08	22.17	22.05	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.69	22.59	22.41	24.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.62	22.64	22.49	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.73	22.61	22.43	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.67	22.66	22.48	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.66	22.59	22.49	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.59	22.45	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.64	22.59	22.48	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.69	22.61	22.47	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.71	22.66	22.47	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.10	26.26	26.20		
100	PI/2 BPSK	1	137	26.14	26.22	26.14	27.0	0.0
100	PI/2 BPSK	1	271	25.84	25.96	25.82		
100	PI/2 BPSK	135	0	25.51	25.56	25.48	26.5	0.5
100	PI/2 BPSK	135	69	26.22	26.29	26.14	27.0	0.0
100	PI/2 BPSK	135	138	25.29	25.37	25.23	26.5	0.5
100	PI/2 BPSK	270	0	25.33	25.48	25.39		
100	QPSK	1	1	26.12	26.45	26.17		
100	QPSK	1	137	26.03	26.16	25.82	27.0	0.0
100	QPSK	1	271	26.11	25.92	26.05		
100	QPSK	135	0	25.24	25.27	25.25	26.0	1.0
100	QPSK	135	69	26.36	26.40	26.10	27.0	0.0
100	QPSK	135	138	25.42	25.15	25.12	26.0	1.0
100	QPSK	270	0	25.16	25.17	25.08		
100	16QAM	1	1	25.00	25.13	25.02	26.0	1.0
100	64QAM	1	1	23.96	24.07	23.98	24.5	2.5
100	256QAM	1	1	22.08	22.17	22.05	22.5	4.5
Channel				508200	518998	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.98	26.11	26.08	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.94	26.10	26.12	27.0	0.0
Channel				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.94	26.19	26.12	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.99	26.11	26.13	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.02	26.18	26.13	27.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.96	26.13	26.07	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.97	26.13	26.08	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.94	26.13	26.11	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.05	26.13	26.08	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.01	22.21	22.03		
100	PI/2 BPSK	1	137	21.82	21.95	21.86	23.5	0.0
100	PI/2 BPSK	1	271	21.67	21.75	21.69		
100	PI/2 BPSK	135	0	22.11	22.12	22.01	23.5	0.0
100	PI/2 BPSK	135	69	21.97	22.10	21.98	23.5	0.0
100	PI/2 BPSK	135	138	21.77	21.86	21.73	23.5	0.0
100	PI/2 BPSK	270	0	21.86	22.02	21.96		
100	QPSK	1	1	22.18	22.29	22.17		
100	QPSK	1	137	21.94	22.06	21.97	23.5	0.0
100	QPSK	1	271	21.77	21.89	21.82		
100	QPSK	135	0	22.09	22.19	22.07	23.5	0.0
100	QPSK	135	69	22.18	22.26	22.14	23.5	0.0
100	QPSK	135	138	21.87	21.97	21.88	23.5	0.0
100	QPSK	270	0	22.01	22.17	22.11		
100	16QAM	1	1	22.11	22.13	22.07	23.5	0.0
100	64QAM	1	1	21.86	21.90	21.85	23.5	0.0
100	256QAM	1	1	21.36	21.52	21.43	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.80	22.01	21.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	22.01	21.90	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.78	22.00	21.90	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.81	21.99	21.87	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.79	21.90	21.84	23.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.89	21.98	21.85	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.79	21.97	21.84	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.88	21.98	21.89	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.82	21.96	21.81	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.76	25.84	25.69		
100	PI/2 BPSK	1	137	25.73	25.88	25.82	26.5	0.0
100	PI/2 BPSK	1	271	25.28	25.35	25.19		
100	PI/2 BPSK	135	0	25.07	25.12	24.96	26.0	0.5
100	PI/2 BPSK	135	69	25.75	25.87	25.74	26.5	0.0
100	PI/2 BPSK	135	138	24.78	24.89	24.80	26.0	0.5
100	PI/2 BPSK	270	0	25.03	25.15	25.08		
100	QPSK	1	1	25.88	25.90	25.61		
100	QPSK	1	137	25.59	25.58	25.16	26.5	0.0
100	QPSK	1	271	25.68	25.23	25.36		
100	QPSK	135	0	24.83	24.72	24.61	25.5	1.0
100	QPSK	135	69	25.86	25.88	25.48	26.5	0.0
100	QPSK	135	138	24.94	24.58	24.55	25.5	1.0
100	QPSK	270	0	24.77	24.83	24.50		
100	16QAM	1	1	24.65	24.78	24.68	25.5	1.0
100	64QAM	1	1	23.36	23.41	23.35	24.0	2.5
100	256QAM	1	1	21.38	21.52	21.43	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.69	25.79	25.61	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.65	25.70	25.62	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.62	25.78	25.57	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.70	25.73	25.60	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.67	25.75	25.61	26.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.62	25.70	25.62	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.63	25.72	25.60	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.62	25.77	25.59	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.67	25.71	25.57	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.18	24.30	24.22		
40	PI/2 BPSK	1	53	24.23	24.28	24.22	25.2	0.0
40	PI/2 BPSK	1	104	24.17	24.25	24.15		
40	PI/2 BPSK	50	0	23.68	23.76	23.63	24.7	0.5
40	PI/2 BPSK	50	28	24.25	24.30	24.21	25.2	0.0
40	PI/2 BPSK	50	56	23.60	23.73	23.57	24.7	0.5
40	PI/2 BPSK	100	0	23.65	23.76	23.71		
40	QPSK	1	1	24.26	24.35	24.23		
40	QPSK	1	53	24.20	24.32	24.17	25.2	0.0
40	QPSK	1	104	24.18	24.23	24.12		
40	QPSK	50	0	23.25	23.21	23.25	24.2	1.0
40	QPSK	50	28	24.22	24.24	24.20	25.2	0.0
40	QPSK	50	56	23.31	23.20	23.30	24.2	1.0
40	QPSK	100	0	23.22	23.25	23.20		
40	16QAM	1	1	22.85	22.99	22.94	24.2	1.0
40	64QAM	1	1	21.44	21.51	21.46	22.7	2.5
40	256QAM	1	1	19.97	20.11	19.98	20.7	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	24.12	24.24	24.08	25.2	0.0
Channel				637168	641668	646168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.07	24.24	24.13	25.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	24.03	24.23	24.07	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.25	21.30	21.23		
40	PI/2 BPSK	1	53	21.10	21.26	21.16	23.0	0.0
40	PI/2 BPSK	1	104	21.20	21.28	21.14		
40	PI/2 BPSK	50	0	20.65	20.73	20.57	22.5	0.5
40	PI/2 BPSK	50	28	21.18	21.31	21.25	23.0	0.0
40	PI/2 BPSK	50	56	20.69	20.75	20.63	22.5	0.5
40	PI/2 BPSK	100	0	20.70	20.78	20.64		
40	QPSK	1	1	21.30	21.35	21.28		
40	QPSK	1	53	21.18	21.33	21.19	23.0	0.0
40	QPSK	1	104	21.12	21.26	21.18		
40	QPSK	50	0	20.12	20.22	20.06	22.0	1.0
40	QPSK	50	28	21.23	21.28	21.23	23.0	0.0
40	QPSK	50	56	20.19	20.26	20.20	22.0	1.0
40	QPSK	100	0	20.22	20.25	20.20		
40	16QAM	1	1	20.19	20.05	20.10	22.0	1.0
40	64QAM	1	1	18.66	18.60	18.50	20.5	2.5
40	256QAM	1	1	17.02	17.13	16.99	18.5	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.19	21.18	21.18	23.0	0.0
Channel				637168	641668	646168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.13	21.19	21.18	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.11	21.21	21.11	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.86	23.02	22.93		
40	PI/2 BPSK	1	53	22.86	23.00	22.95	24.5	0.0
40	PI/2 BPSK	1	104	22.86	22.98	22.86		
40	PI/2 BPSK	50	0	22.32	22.40	22.31	24.0	0.5
40	PI/2 BPSK	50	28	22.85	22.97	22.92	24.5	0.0
40	PI/2 BPSK	50	56	22.23	22.38	22.31	24.0	0.5
40	PI/2 BPSK	100	0	22.33	22.42	22.33		
40	QPSK	1	1	23.02	23.05	23.00		
40	QPSK	1	53	22.94	23.02	22.86	24.5	0.0
40	QPSK	1	104	22.78	22.93	22.83		
40	QPSK	50	0	21.73	21.85	21.76	23.5	1.0
40	QPSK	50	28	22.88	22.90	22.85	24.5	0.0
40	QPSK	50	56	21.74	21.85	21.75	23.5	1.0
40	QPSK	100	0	21.90	21.93	21.89		
40	16QAM	1	1	21.52	21.65	21.57	23.5	1.0
40	64QAM	1	1	20.02	20.14	20.06	22.0	2.5
40	256QAM	1	1	18.61	18.75	18.60	20.0	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.71	22.92	22.80	24.5	0.0
Channel				637168	641668	646168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.78	22.95	22.77	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.74	22.92	22.78	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.47	20.56	20.45		
40	PI/2 BPSK	1	53	20.47	20.53	20.48	22.0	0.0
40	PI/2 BPSK	1	104	20.43	20.51	20.44		
40	PI/2 BPSK	50	0	19.90	19.99	19.91	21.5	0.5
40	PI/2 BPSK	50	28	20.48	20.56	20.41	22.0	0.0
40	PI/2 BPSK	50	56	19.91	20.01	19.95	21.5	0.5
40	PI/2 BPSK	100	0	19.92	20.05	19.95		
40	QPSK	1	1	20.56	20.60	20.53		
40	QPSK	1	53	20.44	20.56	20.43	22.0	0.0
40	QPSK	1	104	20.38	20.48	20.41		
40	QPSK	50	0	19.34	19.45	19.37	21.0	1.0
40	QPSK	50	28	20.45	20.49	20.42	22.0	0.0
40	QPSK	50	56	19.34	19.48	19.33	21.0	1.0
40	QPSK	100	0	19.45	19.50	19.42		
40	16QAM	1	1	19.10	19.23	19.11	21.0	1.0
40	64QAM	1	1	17.64	17.78	17.62	19.5	2.5
40	256QAM	1	1	16.27	16.37	16.26	17.5	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.32	20.45	20.34	22.0	0.0
Channel				637168	641668	646168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.36	20.40	20.33	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.38	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.20			
100	PI/2 BPSK	1	137		23.16		24.0	0.0
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		23.13		24.0	0.0
100	PI/2 BPSK	135	69		23.10		24.0	0.0
100	PI/2 BPSK	135	138		23.11		24.0	0.0
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.22			
100	QPSK	1	137		23.15		24.0	0.0
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		23.08		24.0	0.0
100	QPSK	270	0		23.06			
100	16QAM	1	1		22.87		24.0	0.0
100	64QAM	1	1		22.92		24.0	0.0
100	256QAM	1	1		22.68		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.07	23.13	23.08	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	23.07	23.08	23.05	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	23.04	23.14	23.02	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	23.14	23.11	23.11	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	23.12	23.09	23.03	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	23.09	23.13	23.03	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	23.12	23.11	23.03	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.05	23.10	23.08	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	23.04	23.07	23.03	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	23.07	23.13	23.07	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	23.10	23.15	23.05	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.47			
100	PI/2 BPSK	1	137		26.41		27.0	0.0
100	PI/2 BPSK	1	271		26.40			
100	PI/2 BPSK	135	0		26.15		26.5	0.5
100	PI/2 BPSK	135	69		26.45		27.0	0.0
100	PI/2 BPSK	135	138		26.08		26.5	0.5
100	PI/2 BPSK	270	0		26.13			
100	QPSK	1	1		26.50			
100	QPSK	1	137		26.40		27.0	0.0
100	QPSK	1	271		26.38			
100	QPSK	135	0		25.72		26.0	1.0
100	QPSK	135	69		26.48		27.0	0.0
100	QPSK	135	138		25.64		26.0	1.0
100	QPSK	270	0		25.61			
100	16QAM	1	1		25.60		26.0	1.0
100	64QAM	1	1		24.25		24.5	2.5
100	256QAM	1	1		22.13		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.33	26.39	26.31	27.0	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	26.31	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.42	26.31	26.34	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.31	26.40	26.27	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.32	26.31	26.30	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.38	26.41	26.32	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.39	26.32	26.24	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.42	26.36	26.29	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.36	26.42	26.29	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.37	26.38	26.25	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.34	26.32	26.24	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.10	23.17	23.09		
100	PI/2 BPSK	1	137	23.07	23.15	23.00	24.0	0.0
100	PI/2 BPSK	1	271	22.86	22.96	22.83		
100	PI/2 BPSK	135	0	22.97	23.11	22.97	24.0	0.0
100	PI/2 BPSK	135	69	22.91	23.05	22.92	24.0	0.0
100	PI/2 BPSK	135	138	22.88	23.00	22.86	24.0	0.0
100	PI/2 BPSK	270	0	22.86	22.98	22.86		
100	QPSK	1	1	23.16	23.20	23.05		
100	QPSK	1	137	22.97	23.13	23.04	24.0	0.0
100	QPSK	1	271	22.88	22.95	22.90		
100	QPSK	135	0	23.02	23.12	23.04	24.0	0.0
100	QPSK	135	69	23.10	23.13	23.06	24.0	0.0
100	QPSK	135	138	22.85	22.99	22.91	24.0	0.0
100	QPSK	270	0	22.97	23.03	22.95		
100	16QAM	1	1	22.73	22.89	22.81	24.0	0.0
100	64QAM	1	1	22.80	22.91	22.76	24.0	0.0
100	256QAM	1	1	21.87	22.02	21.91	22.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.05	23.03	22.96	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.95	23.06	22.96	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.00	23.03	23.00	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.94	23.04	22.97	24.0	0.0
Channel				643334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.05	23.10	22.99	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.03	23.03	23.01	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.05	23.03	23.02	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.02	23.07	22.98	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.96	23.10	22.95	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.99	23.12	22.95	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.98	23.01	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.42	26.50	26.45		
100	PI/2 BPSK	1	137	26.33	26.48	26.37	27.0	0.0
100	PI/2 BPSK	1	271	26.35	26.41	26.25		
100	PI/2 BPSK	135	0	25.94	26.05	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.43	26.50	26.40	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.94	25.82	26.5	0.5
100	PI/2 BPSK	270	0	25.88	26.01	25.95		
100	QPSK	1	1	26.48	26.53	26.38		
100	QPSK	1	137	26.37	26.43	26.34	27.0	0.0
100	QPSK	1	271	26.28	26.34	26.29		
100	QPSK	135	0	25.48	25.62	25.56	26.0	1.0
100	QPSK	135	69	26.45	26.50	26.35	27.0	0.0
100	QPSK	135	138	25.35	25.49	25.44	26.0	1.0
100	QPSK	270	0	25.50	25.53	25.46		
100	16QAM	1	1	25.54	25.60	25.46	26.0	1.0
100	64QAM	1	1	24.09	24.21	24.16	24.5	2.5
100	256QAM	1	1	22.00	22.08	21.92	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	26.36	26.36	26.33	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	26.27	26.44	26.33	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.33	26.39	26.36	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	26.35	26.43	26.32	27.0	0.0
Channel				643334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	26.28	26.42	26.39	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.30	26.36	26.37	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	26.31	26.44	26.35	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.32	26.37	26.35	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	26.27	26.41	26.39	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	26.30	26.36	26.31	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.27	26.37	26.32	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.31			
100	PI/2 BPSK	1	137		20.21		22.0	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.25		22.0	0.0
100	PI/2 BPSK	135	69		20.22		22.0	0.0
100	PI/2 BPSK	135	138		20.15		22.0	0.0
100	PI/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.23		22.0	0.0
100	QPSK	1	271		20.13			
100	QPSK	135	0		20.21		22.0	0.0
100	QPSK	135	69		20.23		22.0	0.0
100	QPSK	135	138		20.15		22.0	0.0
100	QPSK	270	0		20.13			
100	16QAM	1	1		20.05		22.0	0.0
100	64QAM	1	1		20.07		22.0	0.0
100	256QAM	1	1		19.26		20.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.16	20.16	20.16	22.0	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.07	20.16	20.08	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	20.07	20.09	20.09	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	20.13	20.16	20.18	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	20.13	20.18	20.11	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	20.07	20.11	20.15	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	20.15	20.07	20.13	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.15	20.13	20.17	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	20.14	20.17	20.18	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	20.15	20.10	20.13	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	20.14	20.12	20.17	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.73		25.0	0.0
100	PI/2 BPSK	1	137		23.68			
100	PI/2 BPSK	1	271		23.60			
100	PI/2 BPSK	135	0		23.26		24.5	0.5
100	PI/2 BPSK	135	69		23.70		25.0	0.0
100	PI/2 BPSK	135	138		23.15		24.5	0.5
100	PI/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.75		25.0	0.0
100	QPSK	1	137		23.63			
100	QPSK	1	271		23.55			
100	QPSK	135	0		22.86		24.0	1.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		22.70		24.0	1.0
100	QPSK	270	0		22.74			
100	16QAM	1	1		22.90		24.0	1.0
100	64QAM	1	1		21.42		22.5	2.5
100	256QAM	1	1		19.30		20.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.60	23.59	23.65	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.59	23.57	23.63	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.60	23.63	23.58	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.61	23.63	23.63	25.0	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.66	23.58	23.61	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.68	23.61	23.65	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.63	23.59	23.68	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.65	23.65	23.57	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.59	23.58	23.60	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.60	23.58	23.65	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.57	23.66	23.57	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3700	3840	3930		
100	PI/2 BPSK	1	1	20.29	20.40	20.32	22.0	0.0
100	PI/2 BPSK	1	137	20.30	20.35	20.19		
100	PI/2 BPSK	1	271	20.00	20.03	20.00		
100	PI/2 BPSK	135	0	20.15	20.28	20.22	22.0	0.0
100	PI/2 BPSK	135	69	20.26	20.31	20.19		
100	PI/2 BPSK	135	138	20.06	20.05	20.01	22.0	0.0
100	PI/2 BPSK	270	0	20.02	20.10	20.00		
100	QPSK	1	1	20.40	20.42	20.25	22.0	0.0
100	QPSK	1	137	20.21	20.36	20.24		
100	QPSK	1	271	20.09	20.05	20.02		
100	QPSK	135	0	20.20	20.32	20.16	22.0	0.0
100	QPSK	135	69	20.33	20.35	20.17	22.0	0.0
100	QPSK	135	138	20.01	20.05	20.01		
100	QPSK	270	0	20.22	20.25	20.03		
100	16QAM	1	1	20.06	20.04	20.06	22.0	0.0
100	64QAM	1	1	20.00	20.10	20.03	22.0	0.0
100	256QAM	1	1	19.12	19.18	19.11	20.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.13	20.29	20.24	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	20.21	20.32	20.25	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.16	20.33	20.20	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	20.16	20.24	20.23	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	20.24	20.26	20.26	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.23	20.33	20.19	22.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3954.98		
30	QPSK	1	1	20.24	20.29	20.16	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.19	20.26	20.20	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	20.24	20.31	20.27	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	20.19	20.25	20.21	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.34	20.19	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.47	23.53	23.42	25.0	0.0
100	PI/2 BPSK	1	137	23.42	23.48	23.42		
100	PI/2 BPSK	1	271	23.17	23.33	23.20		
100	PI/2 BPSK	135	0	22.93	23.00	22.87	24.5	0.5
100	PI/2 BPSK	135	69	23.38	23.50	23.39	25.0	0.0
100	PI/2 BPSK	135	138	22.77	22.86	22.71	24.5	0.5
100	PI/2 BPSK	270	0	22.92	22.98	22.92		
100	QPSK	1	1	23.53	23.55	23.33	25.0	0.0
100	QPSK	1	137	23.20	23.34	23.29		
100	QPSK	1	271	23.09	23.15	23.01		
100	QPSK	135	0	22.52	22.58	22.45	24.0	1.0
100	QPSK	135	69	23.50	23.53	23.20	25.0	0.0
100	QPSK	135	138	22.32	22.44	22.29	24.0	1.0
100	QPSK	270	0	22.41	22.45	22.18		
100	16QAM	1	1	22.55	22.66	22.58	24.0	1.0
100	64QAM	1	1	21.15	21.25	21.15	22.5	2.5
100	256QAM	1	1	19.01	19.09	18.96	20.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.37	23.45	23.30	25.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.33	23.40	23.26	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.38	23.38	23.28	25.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.33	23.42	23.32	25.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.39	23.41	23.26	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.42	23.38	23.35	25.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3954.98		
30	QPSK	1	1	23.39	23.38	23.30	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.40	23.39	23.31	25.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.38	23.42	23.37	25.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.37	23.48	23.27	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.40	23.38	23.28	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.93			
100	PI/2 BPSK	1	137		21.91		23.0	0.0
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		21.78		23.0	0.0
100	PI/2 BPSK	135	69		21.83		23.0	0.0
100	PI/2 BPSK	135	138		21.80		23.0	0.0
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.88		23.0	0.0
100	QPSK	1	271		21.83			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		21.93		23.0	0.0
100	QPSK	135	138		21.85			
100	QPSK	270	0		21.90		23.0	0.0
100	16QAM	1	1		21.53		23.0	0.0
100	64QAM	1	1		21.58		23.0	0.0
100	256QAM	1	1		20.76		21.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.86	21.84	21.87	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	21.88	21.82	21.84	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	21.84	21.79	21.81	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	21.80	21.82	21.85	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	21.82	21.88	21.83	23.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.88	21.83	21.82	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	21.82	21.77	21.77	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.86	21.84	21.82	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	21.79	21.79	21.77	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	21.77	21.78	21.83	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	21.80	21.81	21.79	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.28			
100	PI/2 BPSK	1	137		25.25		26.0	0.0
100	PI/2 BPSK	1	271		25.26			
100	PI/2 BPSK	135	0		24.90		25.5	0.5
100	PI/2 BPSK	135	69		25.25		26.0	0.0
100	PI/2 BPSK	135	138		24.78		25.5	0.5
100	PI/2 BPSK	270	0		24.82			
100	QPSK	1	1		25.30			
100	QPSK	1	137		25.21		26.0	0.0
100	QPSK	1	271		25.18			
100	QPSK	135	0		24.46		25.0	1.0
100	QPSK	135	69		25.28		26.0	0.0
100	QPSK	135	138		24.35		25.0	1.0
100	QPSK	270	0		24.43			
100	16QAM	1	1		24.35		25.0	1.0
100	64QAM	1	1		22.97		23.5	2.5
100	256QAM	1	1		20.85		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.12	25.13	25.15	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.22	25.17	25.12	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.20	25.16	25.22	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.19	25.16	25.20	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.15	25.17	25.13	26.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.22	25.17	25.14	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.19	25.19	25.13	26.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.20	25.19	25.21	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.23	25.17	25.23	26.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.14	25.20	25.14	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.17	25.17	25.14	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.91	22.05	21.98		
100	PI/2 BPSK	1	137	21.94	22.00	21.87	23.0	0.0
100	PI/2 BPSK	1	271	21.86	21.98	21.82		
100	PI/2 BPSK	135	0	21.83	21.95	21.83	23.0	0.0
100	PI/2 BPSK	135	69	21.94	22.01	21.91	23.0	0.0
100	PI/2 BPSK	135	138	21.94	22.00	21.87	23.0	0.0
100	PI/2 BPSK	270	0	21.83	21.97	21.86		
100	QPSK	1	1	22.05	22.08	21.98		
100	QPSK	1	137	21.97	22.05	21.94	23.0	0.0
100	QPSK	1	271	21.99	22.06	21.92		
100	QPSK	135	0	21.95	22.04	21.94	23.0	0.0
100	QPSK	135	69	21.96	22.05	21.95	23.0	0.0
100	QPSK	135	138	21.89	22.01	21.86	23.0	0.0
100	QPSK	270	0	21.95	22.02	21.68		
100	16QAM	1	1	21.39	21.47	21.42	23.0	0.0
100	64QAM	1	1	21.38	21.52	21.43	23.0	0.0
100	256QAM	1	1	20.53	20.63	20.49	21.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.84	21.93	21.86	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.85	21.93	21.91	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.77	21.95	21.88	23.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.76	21.97	21.91	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.86	21.90	21.91	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.85	21.89	21.91	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.85	21.92	21.82	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.77	21.89	21.89	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.78	21.96	21.88	23.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.78	21.98	21.83	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.80	21.93	21.93	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.28	25.33	25.28		
100	PI/2 BPSK	1	137	25.25	25.30	25.18	26.0	0.0
100	PI/2 BPSK	1	271	25.00	25.16	25.09		
100	PI/2 BPSK	135	0	24.58	24.74	24.63	25.5	0.5
100	PI/2 BPSK	135	69	25.14	25.30	25.19	26.0	0.0
100	PI/2 BPSK	135	138	24.48	24.58	24.42	25.5	0.5
100	PI/2 BPSK	270	0	24.61	24.68	24.55		
100	QPSK	1	1	25.30	25.35	25.15		
100	QPSK	1	137	25.08	25.18	25.13	26.0	0.0
100	QPSK	1	271	24.81	24.94	24.84		
100	QPSK	135	0	24.24	24.30	24.23	25.0	1.0
100	QPSK	135	69	25.28	25.34	25.02	26.0	0.0
100	QPSK	135	138	24.05	24.18	24.09	25.0	1.0
100	QPSK	270	0	24.16	24.22	23.98		
100	16QAM	1	1	24.22	24.31	24.15	25.0	1.0
100	64QAM	1	1	22.86	22.91	22.77	23.5	2.5
100	256QAM	1	1	20.67	20.78	20.63	21.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.18	25.27	25.22	26.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.18	25.17	25.12	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.14	25.28	25.13	26.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.13	25.22	25.16	26.0	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	25.20	25.12	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.15	25.19	25.20	26.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	25.13	25.22	25.15	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.12	25.25	25.21	26.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.23	25.24	25.14	26.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	25.14	25.18	25.23	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.17	25.28	25.14	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Channel					633332				
Frequency (MHz)					3499.98				
100	PI/2 BPSK	1	1		19.58				
100	PI/2 BPSK	1	137		19.49		21.0	0.0	0.15
100	PI/2 BPSK	1	271		19.43				
100	PI/2 BPSK	135	0		19.57		21.0	0.0	0.00
100	PI/2 BPSK	135	69		19.48		21.0	0.0	0.00
100	PI/2 BPSK	135	138		19.45		21.0	0.0	0.05
100	PI/2 BPSK	270	0		19.50				
100	QPSK	1	1		19.60				
100	QPSK	1	137		19.48		21.0	0.0	0.20
100	QPSK	1	271		19.40				
100	QPSK	135	0		19.55		21.0	0.0	0.00
100	QPSK	135	69		19.56		21.0	0.0	0.00
100	QPSK	135	138		19.53		21.0	0.0	0.03
100	QPSK	270	0		19.50				
100	16QAM	1	1		19.31		21.0	0.0	0.00
100	64QAM	1	1		19.36		21.0	0.0	0.00
100	256QAM	1	1		18.52		19.5	1.5	0.00
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	19.44	19.42	19.47	21.0	0.0	0.05
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	19.49	19.39	19.40	21.0	0.0	0.10
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	19.43	19.50	19.40	21.0	0.0	0.10
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	19.42	19.48	19.42	21.0	0.0	0.06
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	19.40	19.50	19.47	21.0	0.0	0.10
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	19.41	19.42	19.49	21.0	0.0	0.08
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	19.46	19.41	19.39	21.0	0.0	0.07
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3462.51	3499.98	3537.48			
25	QPSK	1	1	19.42	19.40	19.49	21.0	0.0	0.09
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	19.48	19.39	19.47	21.0	0.0	0.09
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	19.45	19.40	19.47	21.0	0.0	0.07
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	Ch Delta >0.5
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	19.50	19.40	19.46	21.0	0.0	0.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.03			
100	PI/2 BPSK	1	137		22.99		24.0	0.0
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.60		23.5	0.5
100	PI/2 BPSK	135	69		23.00		24.0	0.0
100	PI/2 BPSK	135	138		22.44		23.5	0.5
100	PI/2 BPSK	270	0		22.52			
100	QPSK	1	1		23.05			
100	QPSK	1	137		22.95		24.0	0.0
100	QPSK	1	271		22.83			
100	QPSK	135	0		22.16		23.0	1.0
100	QPSK	135	69		23.03		24.0	0.0
100	QPSK	135	138		22.00		23.0	1.0
100	QPSK	270	0		22.05			
100	16QAM	1	1		22.23		23.0	1.0
100	64QAM	1	1		20.73		21.5	2.5
100	256QAM	1	1		18.63		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.93	22.92	22.93	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	22.90	22.89	22.98	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	22.97	22.99	22.99	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	22.99	23.00	22.97	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	22.91	22.94	23.00	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	22.96	22.92	22.92	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	22.89	22.98	22.94	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.94	23.00	22.93	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	22.99	22.93	22.92	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	22.97	22.90	22.93	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	22.95	22.94	22.92	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.25	19.38	19.23		
100	PI/2 BPSK	1	137	19.20	19.33	19.24	21.0	0.0
100	PI/2 BPSK	1	271	19.18	19.28	19.22		
100	PI/2 BPSK	135	0	19.18	19.33	19.18	21.0	0.0
100	PI/2 BPSK	135	69	19.19	19.30	19.23	21.0	0.0
100	PI/2 BPSK	135	138	19.27	19.32	19.20	21.0	0.0
100	PI/2 BPSK	270	0	19.25	19.30	19.14		
100	QPSK	1	1	19.37	19.40	19.25		
100	QPSK	1	137	19.26	19.35	19.17	21.0	0.0
100	QPSK	1	271	19.19	19.33	19.19		
100	QPSK	135	0	19.19	19.31	19.16	21.0	0.0
100	QPSK	135	69	19.31	19.36	19.20	21.0	0.0
100	QPSK	135	138	19.25	19.30	19.13	21.0	0.0
100	QPSK	270	0	19.28	19.32	19.08		
100	16QAM	1	1	19.04	19.11	19.04	21.0	0.0
100	64QAM	1	1	19.08	19.13	19.07	21.0	0.0
100	256QAM	1	1	18.08	18.18	18.10	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.12	19.32	19.14	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	19.09	19.25	19.12	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.09	19.30	19.17	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	19.12	19.25	19.10	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	19.20	19.32	19.16	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.26	19.07	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	19.15	19.32	19.07	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.18	19.22	19.12	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	19.19	19.23	19.16	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	19.10	19.25	19.17	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.09	19.22	19.10	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.71	22.83	22.76		
100	PI/2 BPSK	1	137	22.70	22.75	22.60	24.0	0.0
100	PI/2 BPSK	1	271	22.40	22.53	22.46		
100	PI/2 BPSK	135	0	22.13	22.26	22.11	23.5	0.5
100	PI/2 BPSK	135	69	22.66	22.82	22.68	24.0	0.0
100	PI/2 BPSK	135	138	21.94	22.08	22.01	23.5	0.5
100	PI/2 BPSK	270	0	22.02	22.17	22.03		
100	QPSK	1	1	22.82	22.85	22.95		
100	QPSK	1	137	22.49	22.56	22.50	24.0	0.0
100	QPSK	1	271	22.24	22.38	22.22		
100	QPSK	135	0	21.69	21.83	21.68	23.0	1.0
100	QPSK	135	69	22.78	22.83	22.90	24.0	0.0
100	QPSK	135	138	21.60	21.65	21.60	23.0	1.0
100	QPSK	270	0	21.67	21.70	21.37		
100	16QAM	1	1	21.86	21.94	21.81	23.0	1.0
100	64QAM	1	1	20.41	20.48	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.34	18.22	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.64	22.76	22.61	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.58	22.70	22.69	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.63	22.74	22.69	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.61	22.77	22.67	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.59	22.72	22.61	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.65	22.72	22.67	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.61	22.78	22.69	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.64	22.71	22.68	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.55	22.75	22.71	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.65	22.77	22.69	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.66	22.73	22.66	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.68			
100	PI/2 BPSK	1	137		23.54		24.5	0.0
100	PI/2 BPSK	1	271		23.66			
100	PI/2 BPSK	135	0		23.62		24.5	0.0
100	PI/2 BPSK	135	69		23.60		24.5	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70			
100	QPSK	1	137		23.55		24.5	0.0
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.65		24.5	0.0
100	QPSK	135	69		23.68		24.5	0.0
100	QPSK	135	138		23.60		24.5	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.42		24.5	0.0
100	64QAM	1	1		23.46		24.5	0.0
100	256QAM	1	1		22.42		23.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.59	23.60	23.52	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.63	23.52	23.56	24.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.60	23.53	23.54	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.56	23.61	23.62	24.5	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.52	23.54	23.54	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.60	23.52	23.61	24.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.54	23.57	23.60	24.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.56	23.63	23.56	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.53	23.58	23.53	24.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.61	23.61	23.59	24.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.58	23.63	23.61	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.13			
100	PI/2 BPSK	1	137		27.10		27.5	0.0
100	PI/2 BPSK	1	271		27.12			
100	PI/2 BPSK	135	0		26.65		27.0	0.5
100	PI/2 BPSK	135	69		27.11		27.5	0.0
100	PI/2 BPSK	135	138		26.61		27.0	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.15			
100	QPSK	1	137		27.05		27.5	0.0
100	QPSK	1	271		27.08			
100	QPSK	135	0		26.25		26.5	1.0
100	QPSK	135	69		27.13		27.5	0.0
100	QPSK	135	138		26.14		26.5	1.0
100	QPSK	270	0		26.15			
100	16QAM	1	1		26.20		26.5	1.0
100	64QAM	1	1		24.78		25.0	2.5
100	256QAM	1	1		22.56		23.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	27.10	27.00	26.99	27.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	27.10	27.02	27.04	27.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	27.09	27.00	27.09	27.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	27.06	27.05	27.02	27.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	27.03	27.00	27.08	27.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	27.05	27.03	27.03	27.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	26.99	27.05	27.08	27.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	27.09	27.07	27.01	27.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	27.03	27.02	27.05	27.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	27.09	26.99	27.09	27.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	27.06	27.02	27.09	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3760			
100	PI/2 BPSK	1	1		23.62			
100	PI/2 BPSK	1	137		23.55		24.5	0.0
100	PI/2 BPSK	1	271		23.60			
100	PI/2 BPSK	135	0		23.60		24.5	0.0
100	PI/2 BPSK	135	69		23.60		24.5	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		23.65			
100	QPSK	1	137		23.56		24.5	0.0
100	QPSK	1	271		23.63			
100	QPSK	135	0		23.60		24.5	0.0
100	QPSK	135	69		23.63		24.5	0.0
100	QPSK	135	138		23.61		24.5	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.28		24.5	0.0
100	64QAM	1	1		23.36		24.5	0.0
100	256QAM	1	1		22.41		23.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.59	23.52	23.60	24.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.57	23.56	23.57	24.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.51	23.56	23.50	24.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.53	23.51	23.52	24.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.53	23.51	23.60	24.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.52	23.49	23.53	24.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.52	23.59	23.52	24.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.51	23.60	23.49	24.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.55	23.57	23.52	24.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.60	23.54	23.55	24.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.55	23.59	23.56	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.08			
100	PI/2 BPSK	1	137		27.03		27.5	0.0
100	PI/2 BPSK	1	271		27.01			
100	PI/2 BPSK	135	0		26.62		27.0	0.5
100	PI/2 BPSK	135	69		27.02		27.5	0.0
100	PI/2 BPSK	135	138		26.58		27.0	0.5
100	PI/2 BPSK	270	0		26.69			
100	QPSK	1	1		27.11			
100	QPSK	1	137		27.05		27.5	0.0
100	QPSK	1	271		27.08			
100	QPSK	135	0		26.17		26.5	1.0
100	QPSK	135	69		27.08		27.5	0.0
100	QPSK	135	138		26.15		26.5	1.0
100	QPSK	270	0		26.10			
100	16QAM	1	1		26.11		26.5	1.0
100	64QAM	1	1		24.73		25.0	2.5
100	256QAM	1	1		22.58		23.0	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	27.00	27.03	26.95	27.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	27.05	27.06	27.02	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	27.02	26.96	26.95	27.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	27.06	27.00	27.05	27.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	27.04	27.01	26.98	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	27.00	27.02	27.04	27.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	26.99	26.99	26.96	27.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	27.02	27.04	27.05	27.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	26.96	27.01	27.04	27.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	27.02	26.96	27.00	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	27.00	27.05	27.05	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.07			
100	PI/2 BPSK	1	137		23.84		25.0	0.0
100	PI/2 BPSK	1	271		23.97			
100	PI/2 BPSK	135	0		24.03		25.0	0.0
100	PI/2 BPSK	135	69		24.00		25.0	0.0
100	PI/2 BPSK	135	138		24.01		25.0	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.10			
100	QPSK	1	137		23.88		25.0	0.0
100	QPSK	1	271		23.98			
100	QPSK	135	0		24.03		25.0	0.0
100	QPSK	135	69		24.06		25.0	0.0
100	QPSK	135	138		24.00			
100	QPSK	270	0		24.02		25.0	0.0
100	16QAM	1	1		23.76		25.0	0.0
100	64QAM	1	1		22.59		24.0	1.0
100	256QAM	1	1		21.09		22.0	3.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.97	23.97	23.99	25.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.94	23.95	23.94	25.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.04	24.02	24.03	25.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.96	23.97	24.05	25.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.05	24.01	23.94	25.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.98	24.04	24.03	25.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.98	24.04	23.97	25.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.02	24.02	24.00	25.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.95	24.03	23.98	25.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.97	23.94	23.96	25.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.00	23.94	24.01	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.43			
100	PI/2 BPSK	1	137		25.40		26.5	0.0
100	PI/2 BPSK	1	271		25.36			
100	PI/2 BPSK	135	0		24.80		26.0	0.5
100	PI/2 BPSK	135	69		25.42		26.5	0.0
100	PI/2 BPSK	135	138		24.68		26.0	0.5
100	PI/2 BPSK	270	0		24.65			
100	QPSK	1	1		25.45			
100	QPSK	1	137		25.41		26.5	0.0
100	QPSK	1	271		25.38			
100	QPSK	135	0		24.42		25.5	1.0
100	QPSK	135	69		25.42		26.5	0.0
100	QPSK	135	138		24.38		25.5	1.0
100	QPSK	270	0		24.31			
100	16QAM	1	1		24.32		25.5	1.0
100	64QAM	1	1		22.89		24.0	2.5
100	256QAM	1	1		20.74		22.0	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.36	25.38	25.37	26.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.38	25.37	25.30	26.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.29	25.35	25.36	26.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.33	25.31	25.36	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.30	25.39	25.33	26.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.39	25.39	25.35	26.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.38	25.37	25.35	26.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.37	25.40	25.34	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.30	25.31	25.29	26.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.32	25.34	25.34	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.32	25.32	25.40	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.03			
100	PI/2 BPSK	1	137		23.95		25.0	0.0
100	PI/2 BPSK	1	271		23.98			
100	PI/2 BPSK	135	0		24.00		25.0	0.0
100	PI/2 BPSK	135	69		24.01		25.0	0.0
100	PI/2 BPSK	135	138		23.98		25.0	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.05			
100	QPSK	1	137		23.96		25.0	0.0
100	QPSK	1	271		24.02			
100	QPSK	135	0		24.00		25.0	0.0
100	QPSK	135	69		24.03		25.0	0.0
100	QPSK	135	138		23.98		25.0	0.0
100	QPSK	270	0		24.00			
100	16QAM	1	1		23.67		25.0	0.0
100	64QAM	1	1		22.51		24.0	1.0
100	256QAM	1	1		21.14		22.0	3.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.91	23.93	23.90	25.0	0.0
Channel				649334	650000	650665	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.91	23.96	24.00	25.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.93	23.93	23.97	25.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.92	23.93	23.94	25.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.96	23.94	23.89	25.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.91	23.89	23.90	25.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.99	23.95	23.95	25.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.98	23.94	24.00	25.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.99	23.99	23.93	25.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.94	23.99	23.92	25.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.00	23.99	23.99	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.46		26.5	0.0
100	PI/2 BPSK	1	137		25.42			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		24.82		26.0	0.5
100	PI/2 BPSK	135	69		25.43		26.5	0.0
100	PI/2 BPSK	135	138		24.86		26.0	0.5
100	PI/2 BPSK	270	0		24.83			
100	QPSK	1	1		25.50		26.5	0.0
100	QPSK	1	137		25.48			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.58		25.5	1.0
100	QPSK	135	69		25.45		26.5	0.0
100	QPSK	135	138		24.56		25.5	1.0
100	QPSK	270	0		24.45			
100	16QAM	1	1		24.26		25.5	1.0
100	64QAM	1	1		22.87		24.0	2.5
100	256QAM	1	1		20.78		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	25.45	25.37	25.34	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	25.40	25.37	25.35	26.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.39	25.43	25.39	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	25.34	25.40	25.44	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	25.36	25.38	25.38	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.38	25.39	25.42	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	25.43	25.44	25.35	26.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.36	25.44	25.34	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	25.39	25.43	25.35	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	25.39	25.36	25.34	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.40	25.36	25.43	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.58		25.0	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.55		25.0	0.0
100	PI/2 BPSK	135	69		23.57		25.0	0.0
100	PI/2 BPSK	135	138		23.50		25.0	0.0
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		23.60		25.0	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.47			
100	QPSK	135	0		23.56		25.0	0.0
100	QPSK	135	69		23.58		25.0	0.0
100	QPSK	135	138		23.52		25.0	0.0
100	QPSK	270	0		23.55			
100	16QAM	1	1		23.28		25.0	0.0
100	64QAM	1	1		22.80		24.5	0.5
100	256QAM	1	1		21.39		22.5	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.49	23.44	23.51	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.48	23.51	23.55	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.54	23.54	23.44	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.54	23.51	23.49	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.47	23.50	23.50	25.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.49	23.55	23.51	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.46	23.49	23.50	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.48	23.47	23.51	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.51	23.50	23.55	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.50	23.51	23.44	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.49	23.46	23.50	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.16		27.0	0.0
100	PI/2 BPSK	1	137		26.11			
100	PI/2 BPSK	1	271		26.13			
100	PI/2 BPSK	135	0		25.62		26.5	0.5
100	PI/2 BPSK	135	69		26.13		27.0	0.0
100	PI/2 BPSK	135	138		25.62		26.5	0.5
100	PI/2 BPSK	270	0		25.52			
100	QPSK	1	1		26.20		27.0	0.0
100	QPSK	1	137		25.95			
100	QPSK	1	271		25.93			
100	QPSK	135	0		25.20		26.0	1.0
100	QPSK	135	69		26.18		27.0	0.0
100	QPSK	135	138		25.15		26.0	1.0
100	QPSK	270	0		25.13			
100	16QAM	1	1		25.10		26.0	1.0
100	64QAM	1	1		23.68		24.5	2.5
100	256QAM	1	1		21.55		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.07	26.10	26.08	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	26.11	26.08	26.06	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.08	26.13	26.09	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.13	26.15	26.09	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.13	26.13	26.08	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.15	26.04	26.13	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.13	26.04	26.13	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.07	26.12	26.12	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.12	26.08	26.13	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.04	26.09	26.09	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.13	26.14	26.11	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.48		25.0	0.0
100	PI/2 BPSK	1	137		23.42			
100	PI/2 BPSK	1	271		23.45			
100	PI/2 BPSK	135	0		23.40		25.0	0.0
100	PI/2 BPSK	135	69		23.45		25.0	0.0
100	PI/2 BPSK	135	138		23.42		25.0	0.0
100	PI/2 BPSK	270	0		23.40			
100	QPSK	1	1		23.50		25.0	0.0
100	QPSK	1	137		23.44			
100	QPSK	1	271		23.48			
100	QPSK	135	0		23.46		25.0	0.0
100	QPSK	135	69		23.48		25.0	0.0
100	QPSK	135	138		23.43			
100	QPSK	270	0		23.45		25.0	0.0
100	16QAM	1	1		23.16		25.0	0.0
100	64QAM	1	1		22.67		24.5	0.5
100	256QAM	1	1		21.20		22.5	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.36	23.41	23.36	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.45	23.36	23.42	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.38	23.41	23.38	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.34	23.45	23.35	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.35	23.43	23.35	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.35	23.36	23.44	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.36	23.42	23.35	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.40	23.37	23.42	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.34	23.41	23.41	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.36	23.38	23.43	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.35	23.38	23.34	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.12		27.0	0.0
100	PI/2 BPSK	1	137		26.08			
100	PI/2 BPSK	1	271		26.08			
100	PI/2 BPSK	135	0		25.50		26.5	0.5
100	PI/2 BPSK	135	69		26.10		27.0	0.0
100	PI/2 BPSK	135	138		25.59		26.5	0.5
100	PI/2 BPSK	270	0		25.54			
100	QPSK	1	1		26.15		27.0	0.0
100	QPSK	1	137		26.06			
100	QPSK	1	271		25.92			
100	QPSK	135	0		25.07		26.0	1.0
100	QPSK	135	69		26.13		27.0	0.0
100	QPSK	135	138		25.13		26.0	1.0
100	QPSK	270	0		25.08			
100	16QAM	1	1		24.98		26.0	1.0
100	64QAM	1	1		23.53		24.5	2.5
100	256QAM	1	1		21.37		22.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	26.06	25.99	26.00	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	26.09	26.08	26.07	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.07	26.05	26.05	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	26.05	25.99	26.03	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	26.10	26.00	25.99	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.10	26.00	26.01	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	26.04	26.03	26.00	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.04	26.07	26.02	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.04	26.02	26.08	27.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	26.01	26.00	26.03	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.09	26.05	26.10	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.67		25.0	0.0
100	PI/2 BPSK	1	137		23.58			
100	PI/2 BPSK	1	271		23.46			
100	PI/2 BPSK	135	0		23.62		25.0	0.0
100	PI/2 BPSK	135	69		23.65		25.0	0.0
100	PI/2 BPSK	135	138		23.60		25.0	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70		25.0	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.44			
100	QPSK	135	0		23.66		25.0	0.0
100	QPSK	135	69		23.68		25.0	0.0
100	QPSK	135	138		23.62		25.0	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.34		25.0	0.0
100	64QAM	1	1		21.91		23.5	1.5
100	256QAM	1	1		20.60		21.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.60	23.55	23.65	25.0	0.0
Channel				632666	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.65	23.61	23.54	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.57	23.56	23.56	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.65	23.55	23.62	25.0	0.0
Channel				631666	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.59	23.64	23.58	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.57	23.59	23.65	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.61	23.64	23.59	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.65	23.59	23.57	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.62	23.57	23.62	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.54	23.54	23.61	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.59	23.63	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.22		26.0	0.0
100	PI/2 BPSK	1	137		25.20			
100	PI/2 BPSK	1	271		25.11			
100	PI/2 BPSK	135	0		24.67		25.5	0.5
100	PI/2 BPSK	135	69		25.20		26.0	0.0
100	PI/2 BPSK	135	138		24.48		25.5	0.5
100	PI/2 BPSK	270	0		24.63			
100	QPSK	1	1		25.25		26.0	0.0
100	QPSK	1	137		25.08			
100	QPSK	1	271		24.92			
100	QPSK	135	0		24.26		25.0	1.0
100	QPSK	135	69		25.23		26.0	0.0
100	QPSK	135	138		24.13		25.0	1.0
100	QPSK	270	0		24.15			
100	16QAM	1	1		24.20		25.0	1.0
100	64QAM	1	1		22.76		23.5	2.5
100	256QAM	1	1		20.75		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.11	25.18	25.13	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.11	25.10	25.09	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.18	25.15	25.14	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.20	25.19	25.18	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.15	25.09	25.12	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.20	25.15	25.20	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.14	25.11	25.11	26.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.12	25.11	25.10	26.0	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	25.09	25.10	26.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.14	25.12	25.11	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.16	25.09	25.09	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3760			
100	PI/2 BPSK	1	1		23.62		25.0	0.0
100	PI/2 BPSK	1	137		23.56			
100	PI/2 BPSK	1	271		23.44			
100	PI/2 BPSK	135	0		23.56		25.0	0.0
100	PI/2 BPSK	135	69		23.60		25.0	0.0
100	PI/2 BPSK	135	138		23.52		25.0	0.0
100	PI/2 BPSK	270	0		23.55			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.48			
100	QPSK	1	271		23.36			
100	QPSK	135	0		23.60		25.0	0.0
100	QPSK	135	69		23.62		25.0	0.0
100	QPSK	135	138		23.58		25.0	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.11		25.0	0.0
100	64QAM	1	1		21.70		23.5	1.5
100	256QAM	1	1		20.43		21.5	3.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.54	23.52	23.58	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.60	23.55	23.49	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.53	23.49	23.55	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.59	23.60	23.54	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.50	23.59	23.53	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.50	23.49	23.52	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.53	23.49	23.51	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.59	23.53	23.52	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.60	23.50	23.57	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.54	23.54	23.56	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.50	23.56	23.59	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.60		26.0	0.0
100	PI/2 BPSK	1	137		24.57			
100	PI/2 BPSK	1	271		24.51			
100	PI/2 BPSK	135	0		24.11		25.5	0.5
100	PI/2 BPSK	135	69		24.57		26.0	0.0
100	PI/2 BPSK	135	138		24.11		25.5	0.5
100	PI/2 BPSK	270	0		24.20			
100	QPSK	1	1		24.62		26.0	0.0
100	QPSK	1	137		24.42			
100	QPSK	1	271		24.26			
100	QPSK	135	0		24.15		25.0	1.0
100	QPSK	135	69		24.60		26.0	0.0
100	QPSK	135	138		24.11		25.0	1.0
100	QPSK	270	0		24.05			
100	16QAM	1	1		23.93		25.0	1.0
100	64QAM	1	1		22.57		23.5	2.5
100	256QAM	1	1		20.54		21.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.47	24.55	24.54	26.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.56	24.52	24.54	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.54	24.56	24.54	26.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.52	24.56	24.55	26.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.53	24.57	24.57	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.47	24.54	24.51	26.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	24.51	24.49	24.53	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.55	24.54	24.54	26.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.48	24.50	24.56	26.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	24.50	24.55	24.48	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.48	24.52	24.49	26.0	0.0

Reduced Power Mode for ECI1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.36	19.39	19.39	20.5	0.0
20	PI/2 BPSK	1	53	19.31	19.41	19.33		
20	PI/2 BPSK	1	104	19.40	19.38	19.27		
20	PI/2 BPSK	50	0	19.33	19.34	19.27	20.5	0.0
20	PI/2 BPSK	50	28	19.35	19.38	19.37	20.5	0.0
20	PI/2 BPSK	50	56	19.31	19.44	19.35	20.5	0.0
20	PI/2 BPSK	100	0	19.32	19.35	19.28		
20	QPSK	1	1	19.46	19.50	19.44	20.5	0.0
20	QPSK	1	53	19.31	19.41	19.38		
20	QPSK	1	104	19.41	19.46	19.41		
20	QPSK	50	0	19.40	19.40	19.28	20.5	0.0
20	QPSK	50	28	19.45	19.48	19.42	20.5	0.0
20	QPSK	50	56	19.42	19.36	19.36	20.5	0.0
20	QPSK	100	0	19.42	19.45	19.40		
20	16QAM	1	1	19.34	19.37	19.36	20.5	0.0
20	64QAM	1	1	19.43	19.45	19.32	20.5	0.0
20	256QAM	1	1	19.31	19.45	19.29	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.32	19.44	19.30	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.44	19.42	19.32	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.44	19.35	19.35	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.88	22.76	24.5	0.0
20	PI/2 BPSK	1	53	22.51	22.67	22.57		
20	PI/2 BPSK	1	104	22.76	22.85	22.76		
20	PI/2 BPSK	50	0	22.06	22.20	22.07	24.0	0.5
20	PI/2 BPSK	50	28	22.59	22.68	22.57	24.5	0.0
20	PI/2 BPSK	50	56	22.10	22.15	22.01	24.0	0.5
20	PI/2 BPSK	100	0	22.07	22.16	22.04		
20	QPSK	1	1	22.95	23.00	22.98	24.5	0.0
20	QPSK	1	53	22.88	22.83	22.75		
20	QPSK	1	104	22.92	22.89	22.95		
20	QPSK	50	0	21.78	21.75	21.73	23.5	1.0
20	QPSK	50	28	22.62	22.65	22.53	24.5	0.0
20	QPSK	50	56	21.77	21.69	21.74	23.5	1.0
20	QPSK	100	0	21.74	21.80	21.77		
20	16QAM	1	1	21.53	21.69	21.62	23.5	1.0
20	64QAM	1	1	20.03	20.16	20.01	22.0	2.5
20	256QAM	1	1	18.59	18.71	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.79	22.85	22.71	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.84	22.72	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.80	22.79	22.69	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.38	18.42	18.41	20.0	0.0
20	PI/2 BPSK	1	53	18.36	18.48	18.42		
20	PI/2 BPSK	1	104	18.29	18.39	18.40		
20	PI/2 BPSK	50	0	18.32	18.51	18.41	20.0	0.0
20	PI/2 BPSK	50	28	18.32	18.39	18.36	20.0	0.0
20	PI/2 BPSK	50	56	18.30	18.48	18.46	20.0	0.0
20	PI/2 BPSK	100	0	18.38	18.39	18.40		
20	QPSK	1	1	18.48	18.55	18.53	20.0	0.0
20	QPSK	1	53	18.29	18.37	18.41		
20	QPSK	1	104	18.42	18.45	18.37		
20	QPSK	50	0	18.33	18.41	18.37	20.0	0.0
20	QPSK	50	28	18.43	18.52	18.50	20.0	0.0
20	QPSK	50	56	18.37	18.42	18.38	20.0	0.0
20	QPSK	100	0	18.40	18.50	18.48		
20	16QAM	1	1	18.37	18.45	18.47	20.0	0.0
20	64QAM	1	1	18.37	18.41	18.39	20.0	0.0
20	256QAM	1	1	18.36	18.50	18.35	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.42	18.43	18.40	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.33	18.39	18.48	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.31	18.38	18.42	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.23	18.28	18.29	19.5	0.0
20	PI/2 BPSK	1	53	18.17	18.36	18.22		
20	PI/2 BPSK	1	104	18.12	18.38	18.29		
20	PI/2 BPSK	50	0	18.19	18.34	18.30	19.5	0.0
20	PI/2 BPSK	50	28	18.24	18.35	18.32	19.5	0.0
20	PI/2 BPSK	50	56	18.22	18.35	18.30		
20	PI/2 BPSK	100	0	18.21	18.28	18.26	19.5	0.0
20	QPSK	1	1	18.26	18.42	18.37		
20	QPSK	1	53	18.13	18.38	18.31	19.5	0.0
20	QPSK	1	104	18.15	18.37	18.29		
20	QPSK	50	0	18.16	18.39	18.23	19.5	0.0
20	QPSK	50	28	18.25	18.40	18.35	19.5	0.0
20	QPSK	50	56	18.14	18.28	18.22		
20	QPSK	100	0	18.23	18.37	18.33	19.5	0.0
20	16QAM	1	1	18.11	18.32	18.24	19.5	0.0
20	64QAM	1	1	18.20	18.31	18.22	19.5	0.0
20	256QAM	1	1	18.12	18.26	18.32	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.23	18.33	18.23	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.14	18.33	18.30	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.16	18.33	18.33	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.97	25.03	24.93	25.7	0.0
20	PI/2 BPSK	1	53	24.91	25.03	24.91		
20	PI/2 BPSK	1	104	24.86	24.92	24.82		
20	PI/2 BPSK	50	0	24.40	24.54	24.43	25.2	0.5
20	PI/2 BPSK	50	28	24.98	25.03	24.87	25.7	0.0
20	PI/2 BPSK	50	56	24.37	24.44	24.33	25.2	0.5
20	PI/2 BPSK	100	0	24.37	24.51	24.36		
20	QPSK	1	1	25.22	25.25	25.15		
20	QPSK	1	53	25.20	25.12	25.12	25.7	0.0
20	QPSK	1	104	25.08	25.04	25.00		
20	QPSK	50	0	23.92	24.01	23.86	24.7	1.0
20	QPSK	50	28	25.01	25.09	24.98	25.7	0.0
20	QPSK	50	56	23.78	23.94	23.85	24.7	1.0
20	QPSK	100	0	23.88	24.01	23.94		
20	16QAM	1	1	23.60	23.70	23.56	24.7	1.0
20	64QAM	1	1	22.17	22.24	22.17	23.2	2.5
20	256QAM	1	1	20.65	20.78	20.66	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.90	24.93	24.88	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.84	24.98	24.78	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	24.98	24.86	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.17	20.24	20.13	21.5	0.0
20	PI/2 BPSK	1	53	20.13	20.29	20.19		
20	PI/2 BPSK	1	104	20.24	20.26	20.15		
20	PI/2 BPSK	50	0	20.24	20.19	20.13	21.5	0.0
20	PI/2 BPSK	50	28	20.16	20.26	20.11	21.5	0.0
20	PI/2 BPSK	50	56	20.26	20.15	20.12	21.5	0.0
20	PI/2 BPSK	100	0	20.17	20.16	20.09		
20	QPSK	1	1	20.30	20.33	20.22		
20	QPSK	1	53	20.22	20.17	20.06	21.5	0.0
20	QPSK	1	104	20.15	20.29	20.10		
20	QPSK	50	0	20.14	20.25	20.19	21.5	0.0
20	QPSK	50	28	20.28	20.30	20.20	21.5	0.0
20	QPSK	50	56	20.26	20.28	20.07	21.5	0.0
20	QPSK	100	0	20.25	20.28	20.17		
20	16QAM	1	1	20.22	20.24	20.07	21.5	0.0
20	64QAM	1	1	20.25	20.23	20.15	21.5	0.0
20	256QAM	1	1	19.90	19.96	19.81	21.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.14	20.24	20.08	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.24	20.22	20.16	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.15	20.20	20.14	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.35	18.58	18.42	19.2	0.0
50	PI/2 BPSK	1	135	18.30	18.63	18.44		
50	PI/2 BPSK	1	268	18.33	18.62	18.49		
50	PI/2 BPSK	135	0	18.44	18.58	18.41	19.2	0.0
50	PI/2 BPSK	135	68	18.31	18.62	18.41	19.2	0.0
50	PI/2 BPSK	135	135	18.31	18.60	18.49	19.2	0.0
50	PI/2 BPSK	270	0	18.35	18.64	18.41		
50	QPSK	1	1	18.48	18.80	18.53		
50	QPSK	1	135	18.32	18.59	18.47	19.2	0.0
50	QPSK	1	268	18.43	18.71	18.43		
50	QPSK	135	0	18.44	18.64	18.47	19.2	0.0
50	QPSK	135	68	18.45	18.73	18.51	19.2	0.0
50	QPSK	135	135	18.31	18.60	18.37	19.2	0.0
50	QPSK	270	0	18.43	18.70	18.48		
50	16QAM	1	1	18.43	18.66	18.38	19.2	0.0
50	64QAM	1	1	18.43	18.67	18.45	19.2	0.0
50	256QAM	1	1	18.36	18.67	18.40	19.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.36	18.61	18.49	19.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.37	18.58	18.47	19.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.31	18.63	18.42	19.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.31	18.71	18.36	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.36	18.58	18.47	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.39	18.72	18.38	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.38	18.72	18.47	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.56	23.42	23.48	25.0	0.0
50	PI/2 BPSK	1	135	23.39	23.32	23.28		
50	PI/2 BPSK	1	268	23.33	23.17	23.20		
50	PI/2 BPSK	135	0	23.07	22.92	22.99	24.5	0.5
50	PI/2 BPSK	135	68	23.62	23.46	23.53	25.0	0.0
50	PI/2 BPSK	135	135	22.96	22.90	22.83	24.5	0.5
50	PI/2 BPSK	270	0	22.98	22.89	22.87		
50	QPSK	1	1	23.76	23.94	23.75		
50	QPSK	1	135	23.63	23.76	23.58	25.0	0.0
50	QPSK	1	268	23.51	23.55	23.51		
50	QPSK	135	0	22.53	22.47	22.46	24.0	1.0
50	QPSK	135	68	23.52	23.58	23.47	25.0	0.0
50	QPSK	135	135	22.36	22.44	22.17	24.0	1.0
50	QPSK	270	0	22.39	22.40	22.34		
50	16QAM	1	1	22.26	22.18	22.18	24.0	1.0
50	64QAM	1	1	20.85	20.79	20.78	22.5	2.5
50	256QAM	1	1	19.40	19.31	19.25	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.32	23.51	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.36	23.50	23.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.30	23.49	23.42	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.29	23.45	23.33	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.35	23.43	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.31	23.46	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.00	20.04	19.97	21.7	0.0
50	PI/2 BPSK	1	135	19.96	20.08	19.89		
50	PI/2 BPSK	1	268	20.02	20.17	19.94		
50	PI/2 BPSK	135	0	19.97	20.17	19.88	21.7	0.0
50	PI/2 BPSK	135	68	20.07	20.17	19.89	21.7	0.0
50	PI/2 BPSK	135	135	20.06	20.12	20.00	21.7	0.0
50	PI/2 BPSK	270	0	20.02	20.09	19.88		
50	QPSK	1	1	20.10	20.20	20.03		
50	QPSK	1	135	20.02	20.06	19.95	21.7	0.0
50	QPSK	1	268	20.01	20.08	19.99		
50	QPSK	135	0	19.93	20.05	20.00	21.7	0.0
50	QPSK	135	68	20.08	20.18	20.01	21.7	0.0
50	QPSK	135	135	19.94	20.12	19.92	21.7	0.0
50	QPSK	270	0	20.05	20.15	20.00		
50	16QAM	1	1	20.03	20.14	19.93	21.7	0.0
50	64QAM	1	1	20.07	20.12	19.99	21.7	0.0
50	256QAM	1	1	19.82	19.73	19.75	21.2	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.97	20.16	19.86	21.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.05	20.13	19.88	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.01	20.10	19.95	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.95	20.14	19.92	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.00	20.13	19.91	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.06	20.09	19.92	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.02	20.17	20.00	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.37	17.43	17.30	18.5	0.0
50	PI/2 BPSK	1	135	17.43	17.41	17.29		
50	PI/2 BPSK	1	268	17.40	17.35	17.36		
50	PI/2 BPSK	135	0	17.34	17.39	17.39	18.5	0.0
50	PI/2 BPSK	135	68	17.42	17.45	17.35	18.5	0.0
50	PI/2 BPSK	135	135	17.32	17.44	17.37		
50	PI/2 BPSK	270	0	17.44	17.47	17.41	18.5	0.0
50	QPSK	1	1	17.46	17.53	17.45		
50	QPSK	1	135	17.31	17.49	17.41		
50	QPSK	1	268	17.33	17.48	17.34		
50	QPSK	135	0	17.30	17.44	17.39	18.5	0.0
50	QPSK	135	68	17.45	17.50	17.43	18.5	0.0
50	QPSK	135	135	17.40	17.39	17.33		
50	QPSK	270	0	17.43	17.48	17.41	18.5	0.0
50	16QAM	1	1	17.38	17.37	17.30	18.5	0.0
50	64QAM	1	1	17.43	17.37	17.34	18.5	0.0
50	256QAM	1	1	17.42	17.41	17.40	18.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.34	17.44	17.33	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.37	17.44	17.40	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.36	17.42	17.42	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.40	17.46	17.30	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.32	17.40	17.30	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.37	17.36	17.38	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.41	17.42	17.40	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.43	24.58	24.52	25.5	0.0
15	PI/2 BPSK	1	40	24.48	24.54	24.49		
15	PI/2 BPSK	1	77	24.51	24.62	24.51		
15	PI/2 BPSK	36	0	23.99	24.07	23.94	25.0	0.5
15	PI/2 BPSK	36	22	24.46	24.52	24.37	25.5	0.0
15	PI/2 BPSK	36	43	23.90	24.00	23.84	25.0	0.5
15	PI/2 BPSK	75	0	23.89	24.03	23.92		
15	QPSK	1	1	24.70	24.75	24.73	25.5	0.0
15	QPSK	1	40	24.69	24.65	24.59		
15	QPSK	1	77	24.55	24.63	24.71		
15	QPSK	36	0	23.38	23.43	23.36	24.5	1.0
15	QPSK	36	22	24.33	24.48	24.40	25.5	0.0
15	QPSK	36	43	23.40	23.49	23.35	24.5	1.0
15	QPSK	75	0	23.47	23.52	23.36		
15	16QAM	1	1	23.23	23.36	23.30	24.5	1.0
15	64QAM	1	1	21.81	21.89	21.79	23.0	2.5
	256QAM	1	1	20.25	20.38	20.26	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.27	24.49	24.39	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.36	24.45	24.43	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.52	22.56	22.46	24.0	0.0
15	PI/2 BPSK	1	40	22.54	22.53	22.40		
15	PI/2 BPSK	1	77	22.50	22.48	22.52		
15	PI/2 BPSK	36	0	22.41	22.48	22.44	24.0	0.0
15	PI/2 BPSK	36	22	22.44	22.50	22.38	24.0	0.0
15	PI/2 BPSK	36	43	22.50	22.49	22.50	24.0	0.0
15	PI/2 BPSK	75	0	22.44	22.53	22.46		
15	QPSK	1	1	22.60	22.61	22.58	24.0	0.0
15	QPSK	1	40	22.40	22.50	22.42		
15	QPSK	1	77	22.44	22.45	22.45		
15	QPSK	36	0	22.43	22.50	22.47	24.0	0.0
15	QPSK	36	22	22.55	22.58	22.53	24.0	0.0
15	QPSK	36	43	22.40	22.41	22.35	24.0	0.0
15	QPSK	75	0	22.43	22.45	22.43		
15	16QAM	1	1	22.12	22.28	22.22	24.0	0.0
15	64QAM	1	1	21.16	21.32	21.25	23.0	1.0
	256QAM	1	1	19.66	19.81	19.74	20.5	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.41	22.57	22.47	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.53	22.57	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.06	25.21	25.07	25.7	0.0
20	PI/2 BPSK	1	53	24.92	25.06	24.93		
20	PI/2 BPSK	1	104	24.91	24.96	24.80		
20	PI/2 BPSK	50	0	24.47	24.59	24.44	25.2	0.5
20	PI/2 BPSK	50	28	25.02	25.07	24.91	25.7	0.0
20	PI/2 BPSK	50	56	24.40	24.54	24.44	25.2	0.5
20	PI/2 BPSK	100	0	24.54	24.61	24.47		
20	QPSK	1	1	25.15	25.35	25.08	25.7	0.0
20	QPSK	1	53	25.13	25.25	24.96		
20	QPSK	1	104	25.06	25.10	24.86		
20	QPSK	50	0	24.00	24.10	23.99	24.7	1.0
20	QPSK	50	28	24.95	25.03	24.95	25.7	0.0
20	QPSK	50	56	23.96	24.02	23.95	24.7	1.0
20	QPSK	100	0	24.01	24.06	23.92		
20	16QAM	1	1	23.78	23.87	23.76	24.7	1.0
20	64QAM	1	1	22.29	22.44	22.35	23.2	2.5
20	256QAM	1	1	20.82	20.96	20.80	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.92	25.12	24.96	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.90	25.09	24.91	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.96	25.15	24.91	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.41	20.47	20.40	21.5	0.0
20	PI/2 BPSK	1	53	20.39	20.35	20.38		
20	PI/2 BPSK	1	104	20.32	20.45	20.37		
20	PI/2 BPSK	50	0	20.44	20.38	20.37	21.5	0.0
20	PI/2 BPSK	50	28	20.31	20.40	20.33	21.5	0.0
20	PI/2 BPSK	50	56	20.39	20.37	20.37	21.5	0.0
20	PI/2 BPSK	100	0	20.36	20.48	20.26		
20	QPSK	1	1	20.48	20.53	20.43	21.5	0.0
20	QPSK	1	53	20.36	20.39	20.39		
20	QPSK	1	104	20.31	20.45	20.27		
20	QPSK	50	0	20.39	20.45	20.28	21.5	0.0
20	QPSK	50	28	20.46	20.50	20.41	21.5	0.0
20	QPSK	50	56	20.33	20.41	20.35	21.5	0.0
20	QPSK	100	0	20.43	20.48	20.40		
20	16QAM	1	1	20.32	20.36	20.34	21.5	0.0
20	64QAM	1	1	20.40	20.44	20.30	21.5	0.0
20	256QAM	1	1	20.40	20.40	20.40	21.0	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.40	20.49	20.36	21.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.42	20.43	20.29	21.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.31	20.37	20.36	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.90	18.96	18.81	20.0	0.0
40	PI/2 BPSK	1	108	18.88	18.97	18.85		
40	PI/2 BPSK	1	214	18.95	18.88	18.81		
40	PI/2 BPSK	108	0	18.93	19.00	18.88	20.0	0.0
40	PI/2 BPSK	108	54	18.83	18.93	18.80	20.0	0.0
40	PI/2 BPSK	108	108	18.87	18.90	18.88	20.0	0.0
40	PI/2 BPSK	216	0	18.88	18.95	18.89		
40	QPSK	1	1	18.98	19.03	18.96	20.0	0.0
40	QPSK	1	108	18.83	18.87	18.94		
40	QPSK	1	214	18.91	18.88	18.86		
40	QPSK	108	0	18.89	18.90	18.91	20.0	0.0
40	QPSK	108	54	18.96	19.01	18.95	20.0	0.0
40	QPSK	108	108	18.81	18.93	18.88	20.0	0.0
40	QPSK	216	0	18.95	18.98	18.93		
40	16QAM	1	1	18.84	18.92	18.83	20.0	0.0
40	64QAM	1	1	18.93	18.92	18.85	20.0	0.0
40	256QAM	1	1	18.86	18.98	18.93	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.88	18.95	18.83	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.82	18.92	18.82	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.95	18.90	18.85	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.85	18.87	18.86	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.86	18.89	18.94	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.81	18.93	18.87	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.75	22.70	22.70	24.5	0.0
40	PI/2 BPSK	1	108	22.68	22.53	22.52		
40	PI/2 BPSK	1	214	22.69	22.58	22.57		
40	PI/2 BPSK	108	0	22.13	22.02	22.06	24.0	0.5
40	PI/2 BPSK	108	54	22.81	22.69	22.75	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.05	22.11	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.18	22.18		
40	QPSK	1	1	22.90	23.03	22.92	24.5	0.0
40	QPSK	1	108	22.87	22.94	22.90		
40	QPSK	1	214	22.83	22.91	22.64		
40	QPSK	108	0	21.59	21.72	21.63	23.5	1.0
40	QPSK	108	54	22.88	22.74	22.61	24.5	0.0
40	QPSK	108	108	21.63	21.77	21.51	23.5	1.0
40	QPSK	216	0	21.64	21.78	21.51		
40	16QAM	1	1	21.37	21.25	21.30	23.5	1.0
40	64QAM	1	1	20.05	19.95	20.00	22.0	2.5
40	256QAM	1	1	18.64	18.53	18.51	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	22.67	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.89	22.65	22.77	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.94	22.76	22.84	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.94	22.66	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.76	22.87	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.87	22.73	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.47	18.66	18.39	20.0	0.0
40	PI/2 BPSK	1	108	18.55	18.67	18.48		
40	PI/2 BPSK	1	214	18.61	18.70	18.44		
40	PI/2 BPSK	108	0	18.58	18.77	18.45	20.0	0.0
40	PI/2 BPSK	108	54	18.48	18.78	18.46	20.0	0.0
40	PI/2 BPSK	108	108	18.60	18.77	18.45	20.0	0.0
40	PI/2 BPSK	216	0	18.60	18.75	18.35		
40	QPSK	1	1	18.65	18.83	18.51	20.0	0.0
40	QPSK	1	108	18.51	18.79	18.38		
40	QPSK	1	214	18.48	18.65	18.40		
40	QPSK	108	0	18.49	18.67	18.41	20.0	0.0
40	QPSK	108	54	18.62	18.80	18.50	20.0	0.0
40	QPSK	108	108	18.61	18.70	18.43	20.0	0.0
40	QPSK	216	0	18.60	18.78	18.47		
40	16QAM	1	1	18.57	18.66	18.47	20.0	0.0
40	64QAM	1	1	18.56	18.67	18.36	20.0	0.0
40	256QAM	1	1	18.55	18.73	18.44	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.50	18.78	18.37	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.47	18.75	18.37	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.60	18.72	18.49	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.56	18.76	18.42	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.50	18.74	18.41	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.56	18.78	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.96	16.90	16.79	18.5	0.0
40	PI/2 BPSK	1	108	16.89	17.02	16.70		
40	PI/2 BPSK	1	214	16.94	16.90	16.72		
40	PI/2 BPSK	108	0	16.91	17.01	16.77	18.5	0.0
40	PI/2 BPSK	108	54	16.92	16.99	16.73	18.5	0.0
40	PI/2 BPSK	108	108	16.95	16.99	16.80	18.5	0.0
40	PI/2 BPSK	216	0	16.88	17.00	16.80		
40	QPSK	1	1	17.05	17.08	16.89	18.5	0.0
40	QPSK	1	108	16.94	17.02	16.81		
40	QPSK	1	214	16.99	16.96	16.77		
40	QPSK	108	0	16.97	17.01	16.79	18.5	0.0
40	QPSK	108	54	17.03	17.05	16.85	18.5	0.0
40	QPSK	108	108	16.88	17.02	16.77	18.5	0.0
40	QPSK	216	0	17.00	17.01	16.83		
40	16QAM	1	1	16.99	16.94	16.76	18.5	0.0
40	64QAM	1	1	16.91	16.98	16.74	18.5	0.0
40	256QAM	1	1	16.91	17.02	16.83	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.92	17.02	16.72	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.02	17.00	16.84	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.96	17.03	16.80	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.93	16.98	16.74	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.89	17.04	16.75	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.95	16.98	16.72	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.60	18.74	18.66	19.7	0.0
40	PI/2 BPSK	1	53	18.60	18.74	18.68		
40	PI/2 BPSK	1	104	18.56	18.68	18.70		
40	PI/2 BPSK	50	0	18.53	18.63	18.63	19.7	0.0
40	PI/2 BPSK	50	28	18.54	18.71	18.70	19.7	0.0
40	PI/2 BPSK	50	56	18.56	18.66	18.68	19.7	0.0
40	PI/2 BPSK	100	0	18.54	18.65	18.60		
40	QPSK	1	1	18.70	18.78	18.73	19.7	0.0
40	QPSK	1	53	18.66	18.61	18.64		
40	QPSK	1	104	18.52	18.65	18.58		
40	QPSK	50	0	18.65	18.65	18.64	19.7	0.0
40	QPSK	50	28	18.67	18.75	18.71	19.7	0.0
40	QPSK	50	56	18.62	18.69	18.65	19.7	0.0
40	QPSK	100	0	18.65	18.73	18.70		
40	16QAM	1	1	18.64	18.71	18.62	19.7	0.0
40	64QAM	1	1	18.56	18.63	18.64	19.7	0.0
40	256QAM	1	1	18.53	18.65	18.70	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.61	18.72	18.63	19.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.53	18.70	18.60	19.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.52	18.73	18.69	19.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.56	18.61	18.56	19.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.59	18.68	18.63	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.34	23.40	23.38	25.0	0.0
40	PI/2 BPSK	1	53	23.29	23.42	23.33		
40	PI/2 BPSK	1	104	23.13	23.19	23.12		
40	PI/2 BPSK	50	0	22.69	22.56	22.69	24.5	0.5
40	PI/2 BPSK	50	28	23.15	23.05	23.14	25.0	0.0
40	PI/2 BPSK	50	56	22.59	22.50	22.56	24.5	0.5
40	PI/2 BPSK	100	0	22.65	22.59	22.52		
40	QPSK	1	1	23.43	23.44	23.34	25.0	0.0
40	QPSK	1	53	23.42	23.37	23.31		
40	QPSK	1	104	23.01	23.08	23.07		
40	QPSK	50	0	22.08	22.09	22.06	24.0	1.0
40	QPSK	50	28	22.95	23.02	22.86	25.0	0.0
40	QPSK	50	56	22.00	22.07	22.03	24.0	1.0
40	QPSK	100	0	22.09	22.11	22.06		
40	16QAM	1	1	22.05	22.00	22.07	24.0	1.0
40	64QAM	1	1	20.66	20.51	20.61	22.5	2.5
40	256QAM	1	1	18.98	19.08	18.96	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.21	23.31	23.10	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.28	23.29	23.09	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.24	23.32	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.17	23.31	23.10	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.23	23.33	23.10	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.63	19.72	19.60	21.2	0.0
40	PI/2 BPSK	1	53	19.60	19.73	19.60		
40	PI/2 BPSK	1	104	19.73	19.70	19.62		
40	PI/2 BPSK	50	0	19.61	19.67	19.56	21.2	0.0
40	PI/2 BPSK	50	28	19.67	19.73	19.60	21.2	0.0
40	PI/2 BPSK	50	56	19.68	19.73	19.66	21.2	0.0
40	PI/2 BPSK	100	0	19.71	19.71	19.67		
40	QPSK	1	1	19.78	19.83	19.72	21.2	0.0
40	QPSK	1	53	19.63	19.72	19.62		
40	QPSK	1	104	19.73	19.69	19.55		
40	QPSK	50	0	19.66	19.69	19.65	21.2	0.0
40	QPSK	50	28	19.75	19.81	19.70	21.2	0.0
40	QPSK	50	56	19.63	19.79	19.65	21.2	0.0
40	QPSK	100	0	19.73	19.80	19.68		
40	16QAM	1	1	19.64	19.70	19.59	21.2	0.0
40	64QAM	1	1	19.68	19.77	19.69	21.2	0.0
40	256QAM	1	1	19.67	19.66	19.69	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.69	19.75	19.59	21.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.66	19.73	19.66	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.71	19.68	19.66	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.64	19.76	19.55	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.69	19.66	19.69	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.70	18.66	18.64	20.0	0.0
40	PI/2 BPSK	1	53	18.71	18.79	18.71		
40	PI/2 BPSK	1	104	18.69	18.67	18.69		
40	PI/2 BPSK	50	0	18.64	18.75	18.64	20.0	0.0
40	PI/2 BPSK	50	28	18.64	18.76	18.67	20.0	0.0
40	PI/2 BPSK	50	56	18.67	18.73	18.75	20.0	0.0
40	PI/2 BPSK	100	0	18.67	18.79	18.74		
40	QPSK	1	1	18.78	18.83	18.80	20.0	0.0
40	QPSK	1	53	18.71	18.71	18.68		
40	QPSK	1	104	18.64	18.70	18.67		
40	QPSK	50	0	18.66	18.67	18.64	20.0	0.0
40	QPSK	50	28	18.75	18.80	18.78	20.0	0.0
40	QPSK	50	56	18.65	18.75	18.77		
40	QPSK	100	0	18.73	18.78	18.75		
40	16QAM	1	1	18.71	18.77	18.74	20.0	0.0
40	64QAM	1	1	18.68	18.68	18.69	20.0	0.0
40	256QAM	1	1	18.71	18.66	18.77	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.63	18.72	18.76	20.0	0.0
Channel				516004	519000	521996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.69	18.73	18.68	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.63	18.72	18.77	20.0	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.67	18.66	18.67	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.71	18.68	18.63	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.35	17.37	17.09	18.5	0.0
100	PI/2 BPSK	1	137	17.35	17.36	17.03		
100	PI/2 BPSK	1	271	17.37	17.37	17.04		
100	PI/2 BPSK	135	0	17.40	17.38	17.02	18.5	0.0
100	PI/2 BPSK	135	69	17.44	17.43	17.11	18.5	0.0
100	PI/2 BPSK	135	138	17.38	17.40	17.01	18.5	0.0
100	PI/2 BPSK	270	0	17.42	17.40	17.13		
100	QPSK	1	1	17.50	17.53	17.18	18.5	0.0
100	QPSK	1	137	17.40	17.36	17.05		
100	QPSK	1	271	17.44	17.47	17.06		
100	QPSK	135	0	17.43	17.46	17.03	18.5	0.0
100	QPSK	135	69	17.47	17.50	17.16	18.5	0.0
100	QPSK	135	138	17.35	17.46	17.02	18.5	0.0
100	QPSK	270	0	17.45	17.47	17.13		
100	16QAM	1	1	17.37	17.35	17.04	18.5	0.0
100	64QAM	1	1	17.43	17.49	17.11	18.5	0.0
100	256QAM	1	1	17.41	17.41	17.10	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.42	17.41	17.07	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.42	17.41	17.05	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.37	17.35	17.11	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.42	17.44	17.12	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.32	17.48	17.03	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.38	17.45	17.11	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.37	17.47	17.07	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.39	17.49	17.05	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.43	17.14	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.77	20.76	20.61	21.5	0.0
100	PI/2 BPSK	1	137	20.64	20.71	20.51		
100	PI/2 BPSK	1	271	20.66	20.65	20.59		
100	PI/2 BPSK	135	0	20.77	20.67	20.62	21.5	0.0
100	PI/2 BPSK	135	69	20.68	20.72	20.58	21.5	0.0
100	PI/2 BPSK	135	138	20.65	20.69	20.53	21.5	0.0
100	PI/2 BPSK	270	0	20.71	20.71	20.53		
100	QPSK	1	1	20.80	20.83	20.67	21.5	0.0
100	QPSK	1	137	20.75	20.77	20.61		
100	QPSK	1	271	20.65	20.77	20.56		
100	QPSK	135	0	20.71	20.77	20.64	21.5	0.0
100	QPSK	135	69	20.78	20.80	20.65	21.5	0.0
100	QPSK	135	138	20.64	20.67	20.60	21.5	0.0
100	QPSK	270	0	20.75	20.78	20.63		
100	16QAM	1	1	20.74	20.67	20.57	21.5	0.0
100	64QAM	1	1	20.75	20.73	20.57	21.5	0.0
100	256QAM	1	1	20.68	20.69	20.51	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.73	20.65	20.55	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.66	20.66	20.50	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.70	20.73	20.58	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.64	20.69	20.64	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.68	20.68	20.54	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.67	20.79	20.54	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.64	20.74	20.56	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.76	20.74	20.59	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.73	20.72	20.60	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.10	22.17	22.01	23.5	0.0
100	PI/2 BPSK	1	137	21.71	21.77	21.72		
100	PI/2 BPSK	1	271	21.71	21.84	21.74		
100	PI/2 BPSK	135	0	21.84	21.89	21.79	23.5	0.0
100	PI/2 BPSK	135	69	22.02	21.71	21.97	23.5	0.0
100	PI/2 BPSK	135	138	21.82	21.89	21.81	23.5	0.0
100	PI/2 BPSK	270	0	21.96	22.04	21.96		
100	QPSK	1	1	22.18	22.25	22.14	23.5	0.0
100	QPSK	1	137	21.76	21.82	21.71		
100	QPSK	1	271	21.81	21.96	21.85		
100	QPSK	135	0	21.82	21.94	21.78	23.5	0.0
100	QPSK	135	69	22.11	22.17	22.12	23.5	0.0
100	QPSK	135	138	21.84	21.96	21.88	23.5	0.0
100	QPSK	270	0	22.06	22.09	22.07		
100	16QAM	1	1	21.89	21.90	21.73	23.5	0.0
100	64QAM	1	1	21.97	21.70	21.99	23.5	0.0
100	256QAM	1	1	21.15	21.28	21.15	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.05	22.09	22.00	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.05	22.10	22.09	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.04	22.14	22.06	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.05	22.09	22.03	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.07	22.10	22.05	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.09	22.17	22.09	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	22.13	22.13	22.09	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.10	22.13	22.08	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.06	22.15	22.09	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.94	25.40	25.34	26.5	0.0
100	PI/2 BPSK	1	137	25.29	25.36	24.70		
100	PI/2 BPSK	1	271	25.36	24.80	24.92		
100	PI/2 BPSK	135	0	24.88	24.81	24.36	26.0	0.5
100	PI/2 BPSK	135	69	25.38	25.35	24.91	26.5	0.0
100	PI/2 BPSK	135	138	24.83	24.38	24.11	26.0	0.5
100	PI/2 BPSK	270	0	24.65	24.60	24.19		
100	QPSK	1	1	25.40	25.45	25.20	26.5	0.0
100	QPSK	1	137	25.35	25.34	24.75		
100	QPSK	1	271	25.32	24.87	25.03		
100	QPSK	135	0	24.37	24.24	24.44	25.5	1.0
100	QPSK	135	69	25.23	25.25	24.99	26.5	0.0
100	QPSK	135	138	24.39	24.08	24.18	25.5	1.0
100	QPSK	270	0	24.49	24.59	24.29		
100	16QAM	1	1	24.06	24.16	24.11	25.5	1.0
100	64QAM	1	1	22.65	22.79	22.72	24.0	2.5
100	256QAM	1	1	21.45	21.58	21.45	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.91	25.17	25.35	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	25.22	25.37	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.01	25.19	25.34	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.98	25.19	25.34	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.01	25.20	25.35	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.96	25.23	25.39	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.95	25.25	25.40	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.91	25.25	25.41	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.91	25.27	25.41	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.94	20.01	19.84	21.0	0.0
100	PI/2 BPSK	1	137	19.96	19.98	19.80		
100	PI/2 BPSK	1	271	19.89	19.98	19.88		
100	PI/2 BPSK	135	0	19.91	20.05	19.81	21.0	0.0
100	PI/2 BPSK	135	69	19.90	20.09	19.92	21.0	0.0
100	PI/2 BPSK	135	138	19.97	19.99	19.82	21.0	0.0
100	PI/2 BPSK	270	0	19.94	20.10	19.87		
100	QPSK	1	1	20.03	20.15	19.96	21.0	0.0
100	QPSK	1	137	19.95	20.08	19.92		
100	QPSK	1	271	19.89	20.10	19.92		
100	QPSK	135	0	19.90	20.06	19.78	21.0	0.0
100	QPSK	135	69	20.00	20.13	19.93	21.0	0.0
100	QPSK	135	138	19.93	20.08	19.89	21.0	0.0
100	QPSK	270	0	19.98	20.10	19.90		
100	16QAM	1	1	19.92	20.10	19.84	21.0	0.0
100	64QAM	1	1	19.92	20.04	19.84	21.0	0.0
100	256QAM	1	1	19.96	20.03	19.84	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	20.12	19.82	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	20.06	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	20.10	19.79	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.07	19.91	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.97	20.02	19.91	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.89	20.04	19.86	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.10	19.79	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.86	20.00	19.91	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.93	20.05	19.91	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.10	23.37	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.30	23.07		
100	PI/2 BPSK	1	271	23.01	23.43	23.07		
100	PI/2 BPSK	135	0	23.02	23.44	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.05	23.41	23.08	24.0	0.0
100	PI/2 BPSK	135	138	23.10	23.40	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.05	23.43	23.16		
100	QPSK	1	1	23.15	23.48	23.20	24.0	0.0
100	QPSK	1	137	23.05	23.36	23.15		
100	QPSK	1	271	22.98	23.37	23.12		
100	QPSK	135	0	23.09	23.43	23.07	24.0	0.0
100	QPSK	135	69	23.13	23.45	23.17	24.0	0.0
100	QPSK	135	138	23.10	23.43	23.13	24.0	0.0
100	QPSK	270	0	23.11	23.43	23.15		
100	16QAM	1	1	23.09	23.35	23.12	24.0	0.0
100	64QAM	1	1	23.06	23.39	23.03	24.0	0.0
100	256QAM	1	1	22.08	22.17	22.05	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.03	23.35	23.15	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.44	23.14	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.41	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.03	23.36	23.16	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.10	23.40	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.33	23.16	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.10	23.31	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.43	23.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.31	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.58	16.66	16.61	18.0	0.0
100	PI/2 BPSK	1	137	16.58	16.69	16.67		
100	PI/2 BPSK	1	271	16.60	16.75	16.63		
100	PI/2 BPSK	135	0	16.56	16.70	16.67	18.0	0.0
100	PI/2 BPSK	135	69	16.59	16.74	16.62	18.0	0.0
100	PI/2 BPSK	135	138	16.61	16.66	16.64	18.0	0.0
100	PI/2 BPSK	270	0	16.52	16.68	16.65		
100	QPSK	1	1	16.68	16.80	16.71	18.0	0.0
100	QPSK	1	137	16.50	16.68	16.65		
100	QPSK	1	271	16.63	16.65	16.61		
100	QPSK	135	0	16.58	16.64	16.60	18.0	0.0
100	QPSK	135	69	16.65	16.78	16.70	18.0	0.0
100	QPSK	135	138	16.51	16.74	16.59	18.0	0.0
100	QPSK	270	0	16.63	16.75	16.68		
100	16QAM	1	1	16.61	16.74	16.69	18.0	0.0
100	64QAM	1	1	16.64	16.64	16.60	18.0	0.0
100	256QAM	1	1	16.55	16.77	16.61	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.51	16.76	16.61	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.60	16.73	16.57	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.57	16.65	16.68	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.60	16.75	16.55	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.57	16.64	16.60	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.58	16.63	16.62	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	16.57	16.77	16.68	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.53	16.73	16.56	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.58	16.63	16.68	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.29	20.38	20.10	21.0	0.0
100	PI/2 BPSK	1	137	20.33	20.36	20.03		
100	PI/2 BPSK	1	271	20.33	20.37	20.10		
100	PI/2 BPSK	135	0	20.27	20.36	20.01	21.0	0.0
100	PI/2 BPSK	135	69	20.32	20.35	20.08	21.0	0.0
100	PI/2 BPSK	135	138	20.23	20.34	20.03	21.0	0.0
100	PI/2 BPSK	270	0	20.37	20.27	19.97		
100	QPSK	1	1	20.40	20.43	20.13	21.0	0.0
100	QPSK	1	137	20.31	20.37	20.08		
100	QPSK	1	271	20.29	20.25	20.06		
100	QPSK	135	0	20.30	20.28	20.04	21.0	0.0
100	QPSK	135	69	20.38	20.40	20.11	21.0	0.0
100	QPSK	135	138	20.31	20.38	20.04	21.0	0.0
100	QPSK	270	0	20.35	20.37	20.10		
100	16QAM	1	1	20.37	20.35	20.01	21.0	0.0
100	64QAM	1	1	20.34	20.34	19.97	21.0	0.0
100	256QAM	1	1	20.24	20.34	19.96	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.33	20.25	20.06	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.36	20.25	19.99	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.29	20.30	20.09	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.24	20.35	19.98	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.37	20.29	20.02	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.33	20.35	19.98	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.26	20.37	20.01	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.31	20.39	20.01	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.26	20.38	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.17	17.32	17.21	18.2	0.0
40	PI/2 BPSK	1	53	17.11	17.30	17.20		
40	PI/2 BPSK	1	104	17.25	17.24	17.09		
40	PI/2 BPSK	50	0	17.15	17.20	17.17	18.2	0.0
40	PI/2 BPSK	50	28	17.19	17.26	17.09	18.2	0.0
40	PI/2 BPSK	50	56	17.25	17.29	17.09	18.2	0.0
40	PI/2 BPSK	100	0	17.18	17.22	17.21		
40	QPSK	1	1	17.29	17.38	17.25	18.2	0.0
40	QPSK	1	53	17.18	17.30	17.12		
40	QPSK	1	104	17.24	17.33	17.09		
40	QPSK	50	0	17.23	17.20	17.15	18.2	0.0
40	QPSK	50	28	17.26	17.35	17.23	18.2	0.0
40	QPSK	50	56	17.23	17.34	17.18	18.2	0.0
40	QPSK	100	0	17.25	17.33	17.21		
40	16QAM	1	1	17.20	17.24	17.10	18.2	0.0
40	64QAM	1	1	17.14	17.28	17.17	18.2	0.0
40	256QAM	1	1	17.24	17.29	17.09	18.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.16	17.32	17.17	18.2	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.25	17.31	17.08	18.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.18	17.23	17.08	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.28	17.21	17.21	19.0	0.0
40	PI/2 BPSK	1	53	17.15	17.32	17.19		
40	PI/2 BPSK	1	104	17.23	17.21	17.13		
40	PI/2 BPSK	50	0	17.20	17.33	17.14	19.0	0.0
40	PI/2 BPSK	50	28	17.21	17.22	17.17	19.0	0.0
40	PI/2 BPSK	50	56	17.23	17.24	17.18	19.0	0.0
40	PI/2 BPSK	100	0	17.25	17.32	17.18		
40	QPSK	1	1	17.33	17.38	17.30	19.0	0.0
40	QPSK	1	53	17.24	17.33	17.26		
40	QPSK	1	104	17.28	17.34	17.13		
40	QPSK	50	0	17.25	17.28	17.20	19.0	0.0
40	QPSK	50	28	17.30	17.35	17.28	19.0	0.0
40	QPSK	50	56	17.28	17.24	17.20	19.0	0.0
40	QPSK	100	0	17.28	17.33	17.25		
40	16QAM	1	1	17.15	17.23	17.14	19.0	0.0
40	64QAM	1	1	17.17	17.28	17.26	19.0	0.0
40	256QAM	1	1	17.02	17.13	16.99	18.5	0.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.17	17.21	17.26	19.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.23	17.31	17.16	19.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.15	17.27	17.19	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.52	15.42	15.45	17.0	0.0
40	PI/2 BPSK	1	53	15.38	15.41	15.39		
40	PI/2 BPSK	1	104	15.47	15.46	15.42		
40	PI/2 BPSK	50	0	15.42	15.52	15.41	17.0	0.0
40	PI/2 BPSK	50	28	15.41	15.51	15.38	17.0	0.0
40	PI/2 BPSK	50	56	15.49	15.47	15.37	17.0	0.0
40	PI/2 BPSK	100	0	15.42	15.50	15.43		
40	QPSK	1	1	15.55	15.58	15.53	17.0	0.0
40	QPSK	1	53	15.44	15.48	15.43		
40	QPSK	1	104	15.38	15.41	15.49		
40	QPSK	50	0	15.49	15.43	15.36	17.0	0.0
40	QPSK	50	28	15.53	15.55	15.51	17.0	0.0
40	QPSK	50	56	15.43	15.50	15.41	17.0	0.0
40	QPSK	100	0	15.51	15.53	15.50		
40	16QAM	1	1	15.51	15.45	15.47	17.0	0.0
40	64QAM	1	1	15.45	15.43	15.45	17.0	0.0
40	256QAM	1	1	15.45	15.52	15.49	17.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.43	15.41	15.37	17.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.41	15.42	15.48	17.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.38	15.43	15.44	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.47	20.56	20.45	22.0	0.0
40	PI/2 BPSK	1	53	20.47	20.53	20.48		
40	PI/2 BPSK	1	104	20.43	20.51	20.44		
40	PI/2 BPSK	50	0	19.90	19.99	19.91	21.5	0.5
40	PI/2 BPSK	50	28	20.48	20.56	20.41	22.0	0.0
40	PI/2 BPSK	50	56	19.91	20.01	19.95	21.5	0.5
40	PI/2 BPSK	100	0	19.92	20.05	19.95		
40	QPSK	1	1	20.56	20.60	20.53	22.0	0.0
40	QPSK	1	53	20.44	20.56	20.43		
40	QPSK	1	104	20.38	20.48	20.41		
40	QPSK	50	0	19.34	19.45	19.37	21.0	1.0
40	QPSK	50	28	20.45	20.49	20.42	22.0	0.0
40	QPSK	50	56	19.34	19.48	19.33	21.0	1.0
40	QPSK	100	0	19.45	19.50	19.42		
40	16QAM	1	1	19.10	19.23	19.11	21.0	1.0
40	64QAM	1	1	17.64	17.78	17.62	19.5	2.5
40	256QAM	1	1	16.27	16.37	16.26	17.5	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.32	20.45	20.34	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.36	20.40	20.33	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.38	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.67		17.5	0.0
100	PI/2 BPSK	1	137		16.60			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.72		17.5	0.0
100	PI/2 BPSK	135	69		16.64		17.5	0.0
100	PI/2 BPSK	135	138		16.71		17.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.75		17.5	0.0
100	QPSK	1	137		16.61			
100	QPSK	1	271		16.59			
100	QPSK	135	0		16.63		17.5	0.0
100	QPSK	135	69		16.73		17.5	0.0
100	QPSK	135	138		16.63		17.5	0.0
100	QPSK	270	0		16.71			
100	16QAM	1	1		16.59		17.5	0.0
100	64QAM	1	1		16.58		17.5	0.0
100	256QAM	1	1		16.68		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.61	16.61	16.70	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.67	16.67	16.63	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.71	16.69	16.69	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.67	16.67	16.69	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.60	16.71	16.58	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.58	16.69	16.65	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.71	16.69	16.63	17.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.70	16.59	16.66	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.63	16.62	16.70	17.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.64	16.58	16.69	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.65	16.63	16.65	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.94		20.5	0.0
100	PI/2 BPSK	1	137		19.92			
100	PI/2 BPSK	1	271		19.89			
100	PI/2 BPSK	135	0		19.98		20.5	0.0
100	PI/2 BPSK	135	69		19.99		20.5	0.0
100	PI/2 BPSK	135	138		19.98		20.5	0.0
100	PI/2 BPSK	270	0		19.99			
100	QPSK	1	1		20.02		20.5	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.88			
100	QPSK	135	0		19.97		20.5	0.0
100	QPSK	135	69		20.00		20.5	0.0
100	QPSK	135	138		19.88		20.5	0.0
100	QPSK	270	0		19.97			
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.88		20.5	0.0
100	256QAM	1	1		19.91		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.87	19.92	19.99	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.88	19.93	19.87	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.95	19.87	19.88	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.97	19.91	19.87	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.93	19.88	19.96	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.93	19.93	19.88	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.86	19.91	19.96	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.89	19.88	19.98	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.90	19.99	19.87	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.96	19.98	19.88	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.97	19.96	19.99	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.57	16.69	16.48	17.5	0.0
100	PI/2 BPSK	1	137	16.62	16.59	16.48		
100	PI/2 BPSK	1	271	16.53	16.64	16.52		
100	PI/2 BPSK	135	0	16.58	16.68	16.51	17.5	0.0
100	PI/2 BPSK	135	69	16.53	16.56	16.49	17.5	0.0
100	PI/2 BPSK	135	138	16.54	16.58	16.58	17.5	0.0
100	PI/2 BPSK	270	0	16.57	16.55	16.55		
100	QPSK	1	1	16.68	16.73	16.61	17.5	0.0
100	QPSK	1	137	16.64	16.59	16.51		
100	QPSK	1	271	16.58	16.67	16.56		
100	QPSK	135	0	16.57	16.57	16.55	17.5	0.0
100	QPSK	135	69	16.65	16.70	16.60	17.5	0.0
100	QPSK	135	138	16.53	16.65	16.49	17.5	0.0
100	QPSK	270	0	16.63	16.68	16.58		
100	16QAM	1	1	16.53	16.62	16.52	17.5	0.0
100	64QAM	1	1	16.55	16.61	16.52	17.5	0.0
100	256QAM	1	1	16.58	16.68	16.56	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.52	16.60	16.54	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.55	16.57	16.55	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.57	16.66	16.50	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.54	16.62	16.56	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.56	16.62	16.58	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.57	16.60	16.46	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.63	16.68	16.59	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.61	16.60	16.51	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.57	16.61	16.46	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.54	16.62	16.49	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.59	16.67	16.52	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	19.98	19.89	20.5	0.0
100	PI/2 BPSK	1	137	19.91	19.97	19.83		
100	PI/2 BPSK	1	271	19.86	19.91	19.86		
100	PI/2 BPSK	135	0	19.98	19.91	19.79	20.5	0.0
100	PI/2 BPSK	135	69	20.00	19.89	19.79	20.5	0.0
100	PI/2 BPSK	135	138	19.88	20.01	19.84	20.5	0.0
100	PI/2 BPSK	270	0	19.97	20.02	19.91		
100	QPSK	1	1	20.03	20.05	19.95	20.5	0.0
100	QPSK	1	137	20.00	19.95	19.87		
100	QPSK	1	271	19.88	20.01	19.85		
100	QPSK	135	0	19.89	19.89	19.92	20.5	0.0
100	QPSK	135	69	20.01	20.03	19.93	20.5	0.0
100	QPSK	135	138	20.00	19.91	19.92	20.5	0.0
100	QPSK	270	0	19.98	20.00	19.91		
100	16QAM	1	1	19.93	20.01	19.78	20.5	0.0
100	64QAM	1	1	19.89	19.96	19.81	20.5	0.0
100	256QAM	1	1	19.87	19.95	19.92	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.86	19.93	19.84	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.98	20.02	19.82	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.86	19.89	19.81	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.96	19.90	19.78	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.93	19.94	19.79	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.89	20.00	19.80	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.87	19.89	19.88	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.86	19.97	19.82	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.86	19.95	19.90	20.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.97	19.99	19.86	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.98	19.94	19.90	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.74		18.5	0.0
100	PI/2 BPSK	1	137		16.71			
100	PI/2 BPSK	1	271		16.80			
100	PI/2 BPSK	135	0		16.80		18.5	0.0
100	PI/2 BPSK	135	69		16.84		18.5	0.0
100	PI/2 BPSK	135	138		16.70		18.5	0.0
100	PI/2 BPSK	270	0		16.76			
100	QPSK	1	1		16.88		18.5	0.0
100	QPSK	1	137		16.70			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.74		18.5	0.0
100	QPSK	135	69		16.85		18.5	0.0
100	QPSK	135	138		16.74		18.5	0.0
100	QPSK	270	0		16.83			
100	16QAM	1	1		16.81		18.5	0.0
100	64QAM	1	1		16.70		18.5	0.0
100	256QAM	1	1		16.83		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	16.75	16.72	16.77	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	16.81	16.84	16.73	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	16.77	16.76	16.80	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	16.83	16.79	16.76	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	16.72	16.74	16.77	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	16.79	16.71	16.77	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	16.70	16.78	16.77	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.76	16.80	16.73	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	16.77	16.79	16.78	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	16.84	16.81	16.84	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	16.70	16.80	16.70	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.24		21.5	0.0
100	PI/2 BPSK	1	137		20.14			
100	PI/2 BPSK	1	271		20.24			
100	PI/2 BPSK	135	0		20.12		21.5	0.0
100	PI/2 BPSK	135	69		20.10		21.5	0.0
100	PI/2 BPSK	135	138		20.21		21.5	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.28		21.5	0.0
100	QPSK	1	137		20.15			
100	QPSK	1	271		20.10			
100	QPSK	135	0		20.24		21.5	0.0
100	QPSK	135	69		20.25		21.5	0.0
100	QPSK	135	138		20.19		21.5	0.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.10		21.5	0.0
100	64QAM	1	1		19.92		21.5	0.0
100	256QAM	1	1		19.30		20.5	1.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.15	20.18	20.16	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.19	20.19	20.21	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.16	20.24	20.19	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.12	20.16	20.19	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.15	20.18	20.14	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.19	20.21	20.21	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.21	20.23	20.22	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.14	20.23	20.14	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.23	20.24	20.15	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.18	20.16	20.23	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.19	20.10	20.19	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.76	16.90	16.61	18.5	0.0
100	PI/2 BPSK	1	137	16.89	16.80	16.69		
100	PI/2 BPSK	1	271	16.84	16.84	16.71		
100	PI/2 BPSK	135	0	16.79	16.80	16.66	18.5	0.0
100	PI/2 BPSK	135	69	16.79	16.86	16.72	18.5	0.0
100	PI/2 BPSK	135	138	16.75	16.88	16.71	18.5	0.0
100	PI/2 BPSK	270	0	16.77	16.92	16.67		
100	QPSK	1	1	16.93	16.95	16.78	18.5	0.0
100	QPSK	1	137	16.85	16.91	16.67		
100	QPSK	1	271	16.84	16.79	16.66		
100	QPSK	135	0	16.86	16.81	16.72	18.5	0.0
100	QPSK	135	69	16.90	16.93	16.75	18.5	0.0
100	QPSK	135	138	16.80	16.87	16.65	18.5	0.0
100	QPSK	270	0	16.88	16.90	16.73		
100	16QAM	1	1	16.89	16.85	16.68	18.5	0.0
100	64QAM	1	1	16.85	16.89	16.65	18.5	0.0
100	256QAM	1	1	16.87	16.81	16.73	18.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.89	16.89	16.60	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.76	16.88	16.61	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.78	16.78	16.69	18.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.85	16.78	16.74	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.89	16.90	16.67	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.86	16.82	16.66	18.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.88	16.79	16.74	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.85	16.85	16.74	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.85	16.83	16.62	18.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.85	16.84	16.60	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.75	16.79	16.71	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.88	19.92	19.68	21.5	0.0
100	PI/2 BPSK	1	137	19.90	19.94	19.73		
100	PI/2 BPSK	1	271	19.95	19.93	19.73		
100	PI/2 BPSK	135	0	19.97	19.98	19.80	21.5	0.0
100	PI/2 BPSK	135	69	19.98	19.93	19.68	21.5	0.0
100	PI/2 BPSK	135	138	19.89	19.96	19.81	21.5	0.0
100	PI/2 BPSK	270	0	19.95	19.97	19.82		
100	QPSK	1	1	20.05	20.08	19.85	21.5	0.0
100	QPSK	1	137	20.01	19.92	19.81		
100	QPSK	1	271	19.94	20.03	19.73		
100	QPSK	135	0	19.89	20.01	19.71	21.5	0.0
100	QPSK	135	69	20.03	20.05	19.83	21.5	0.0
100	QPSK	135	138	20.01	20.04	19.82	21.5	0.0
100	QPSK	270	0	20.00	20.03	19.80		
100	16QAM	1	1	19.95	20.02	19.71	21.5	0.0
100	64QAM	1	1	19.65	19.75	19.65	21.5	0.0
100	256QAM	1	1	19.01	19.09	18.96	20.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.90	20.00	19.68	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.02	20.00	19.82	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.88	19.95	19.78	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.99	20.01	19.74	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.95	19.98	19.82	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.01	20.03	19.72	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.88	20.03	19.70	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.95	19.98	19.75	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.95	19.96	19.75	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.95	19.90	19.68	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.92	19.90	19.68	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.40			
100	PI/2 BPSK	1	137		16.32		17.5	0.0
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.32		17.5	0.0
100	PI/2 BPSK	135	138		16.34		17.5	0.0
100	PI/2 BPSK	270	0		16.32			
100	QPSK	1	1		16.46			
100	QPSK	1	137		16.40		17.5	0.0
100	QPSK	1	271		16.37			
100	QPSK	135	0		16.34		17.5	0.0
100	QPSK	135	69		16.45		17.5	0.0
100	QPSK	135	138		16.39		17.5	0.0
100	QPSK	270	0		16.42			
100	16QAM	1	1		16.43		17.5	0.0
100	64QAM	1	1		16.40		17.5	0.0
100	256QAM	1	1		16.41		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.40	16.44	16.36	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.43	16.30	16.43	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.38	16.35	16.32	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.42	16.42	16.35	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.32	16.30	16.39	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.35	16.35	16.30	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.30	16.43	16.38	17.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.36	16.41	16.35	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.32	16.41	16.40	17.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.39	16.42	16.43	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.36	16.36	16.30	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.76			
100	PI/2 BPSK	1	137		19.73		20.5	0.0
100	PI/2 BPSK	1	271		19.72			
100	PI/2 BPSK	135	0		19.65		20.5	0.0
100	PI/2 BPSK	135	69		19.77		20.5	0.0
100	PI/2 BPSK	135	138		19.70		20.5	0.0
100	PI/2 BPSK	270	0		19.78			
100	QPSK	1	1		19.83			
100	QPSK	1	137		19.78		20.5	0.0
100	QPSK	1	271		19.68			
100	QPSK	135	0		19.70		20.5	0.0
100	QPSK	135	69		19.80		20.5	0.0
100	QPSK	135	138		19.79		20.5	0.0
100	QPSK	270	0		19.78			
100	16QAM	1	1		19.68		20.5	0.0
100	64QAM	1	1		19.76		20.5	0.0
100	256QAM	1	1		19.73		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.76	19.66	19.74	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.65	19.78	19.75	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.79	19.79	19.66	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.74	19.79	19.74	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.68	19.76	19.66	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.79	19.75	19.77	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.72	19.66	19.66	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.70	19.74	19.73	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.66	19.79	19.69	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.78	19.69	19.75	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.78	19.77	19.77	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.54	16.47		
100	PI/2 BPSK	1	137	16.40	16.50	16.35	17.5	0.0
100	PI/2 BPSK	1	271	16.39	16.54	16.43		
100	PI/2 BPSK	135	0	16.51	16.50	16.47	17.5	0.0
100	PI/2 BPSK	135	69	16.47	16.54	16.35	17.5	0.0
100	PI/2 BPSK	135	138	16.48	16.50	16.38	17.5	0.0
100	PI/2 BPSK	270	0	16.42	16.54	16.46		
100	QPSK	1	1	16.55	16.58	16.51		
100	QPSK	1	137	16.42	16.44	16.35	17.5	0.0
100	QPSK	1	271	16.52	16.50	16.45		
100	QPSK	135	0	16.45	16.52	16.46	17.5	0.0
100	QPSK	135	69	16.53	16.56	16.50	17.5	0.0
100	QPSK	135	138	16.47	16.45	16.39	17.5	0.0
100	QPSK	270	0	16.51	16.53	16.48		
100	16QAM	1	1	16.39	16.52	16.47	17.5	0.0
100	64QAM	1	1	16.45	16.52	16.44	17.5	0.0
100	256QAM	1	1	16.46	16.48	16.43	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.46	16.48	16.37	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.52	16.53	16.48	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.43	16.54	16.35	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.52	16.47	16.35	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.50	16.54	16.38	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.49	16.52	16.38	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.44	16.48	16.38	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.46	16.53	16.40	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.44	16.47	16.36	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.51	16.54	16.39	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.38	16.43	16.39	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.78	19.82	19.65	20.5	0.0
100	PI/2 BPSK	1	137	19.79	19.75	19.73		
100	PI/2 BPSK	1	271	19.74	19.83	19.63		
100	PI/2 BPSK	135	0	19.80	19.80	19.69	20.5	0.0
100	PI/2 BPSK	135	69	19.70	19.80	19.63	20.5	0.0
100	PI/2 BPSK	135	138	19.71	19.70	19.62	20.5	0.0
100	PI/2 BPSK	270	0	19.74	19.76	19.67		
100	QPSK	1	1	19.80	19.88	19.78	20.5	0.0
100	QPSK	1	137	19.82	19.72	19.74		
100	QPSK	1	271	19.69	19.74	19.69		
100	QPSK	135	0	19.76	19.73	19.66	20.5	0.0
100	QPSK	135	69	19.83	19.85	19.75	20.5	0.0
100	QPSK	135	138	19.77	19.71	19.63	20.5	0.0
100	QPSK	270	0	19.80	19.83	19.73		
100	16QAM	1	1	19.78	19.72	19.63	20.5	0.0
100	64QAM	1	1	19.81	19.82	19.69	20.5	0.0
100	256QAM	1	1	19.76	19.78	19.64	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.74	19.76	19.67	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.72	19.84	19.66	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.68	19.83	19.73	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.81	19.81	19.69	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.71	19.71	19.68	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.78	19.74	19.62	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.78	19.78	19.60	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.76	19.82	19.63	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.82	19.78	19.73	20.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.81	19.74	19.74	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.72	19.75	19.61	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.58		21.0	0.0
100	PI/2 BPSK	1	137		19.49			
100	PI/2 BPSK	1	271		19.43			
100	PI/2 BPSK	135	0		19.57		21.0	0.0
100	PI/2 BPSK	135	69		19.48		21.0	0.0
100	PI/2 BPSK	135	138		19.45		21.0	0.0
100	PI/2 BPSK	270	0		19.50			
100	QPSK	1	1		19.60		21.0	0.0
100	QPSK	1	137		19.48			
100	QPSK	1	271		19.40			
100	QPSK	135	0		19.55		21.0	0.0
100	QPSK	135	69		19.56		21.0	0.0
100	QPSK	135	138		19.53		21.0	0.0
100	QPSK	270	0		19.50			
100	16QAM	1	1		19.31		21.0	0.0
100	64QAM	1	1		19.36		21.0	0.0
100	256QAM	1	1		18.52		19.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.44	19.42	19.47	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	19.49	19.39	19.40	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	19.43	19.50	19.40	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	19.42	19.48	19.42	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	19.40	19.50	19.47	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	19.41	19.42	19.49	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	19.46	19.41	19.39	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.42	19.40	19.49	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	19.48	19.39	19.47	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	19.45	19.40	19.47	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	19.50	19.40	19.46	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.03		24.0	0.0
100	PI/2 BPSK	1	137		22.99			
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.60		23.5	0.5
100	PI/2 BPSK	135	69		23.00		24.0	0.0
100	PI/2 BPSK	135	138		22.44		23.5	0.5
100	PI/2 BPSK	270	0		22.52			
100	QPSK	1	1		23.05		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		22.83			
100	QPSK	135	0		22.16		23.0	1.0
100	QPSK	135	69		23.03		24.0	0.0
100	QPSK	135	138		22.00		23.0	1.0
100	QPSK	270	0		22.05			
100	16QAM	1	1		22.23		23.0	1.0
100	64QAM	1	1		20.73		21.5	2.5
100	256QAM	1	1		18.63		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.93	22.92	22.93	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	22.90	22.89	22.98	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	22.97	22.99	22.99	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	22.99	23.00	22.97	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	22.91	22.94	23.00	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	22.96	22.92	22.92	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	22.89	22.98	22.94	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.94	23.00	22.93	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	22.99	22.93	22.92	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	22.97	22.90	22.93	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	22.95	22.94	22.92	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.25	19.38	19.23	21.0	0.0
100	PI/2 BPSK	1	137	19.20	19.33	19.24		
100	PI/2 BPSK	1	271	19.18	19.28	19.22		
100	PI/2 BPSK	135	0	19.18	19.33	19.18	21.0	0.0
100	PI/2 BPSK	135	69	19.19	19.30	19.23	21.0	0.0
100	PI/2 BPSK	135	138	19.27	19.32	19.20	21.0	0.0
100	PI/2 BPSK	270	0	19.25	19.30	19.14		
100	QPSK	1	1	19.37	19.40	19.25	21.0	0.0
100	QPSK	1	137	19.26	19.35	19.17		
100	QPSK	1	271	19.19	19.33	19.19		
100	QPSK	135	0	19.19	19.31	19.16	21.0	0.0
100	QPSK	135	69	19.31	19.36	19.20	21.0	0.0
100	QPSK	135	138	19.25	19.30	19.13	21.0	0.0
100	QPSK	270	0	19.28	19.32	19.08		
100	16QAM	1	1	19.04	19.11	19.04	21.0	0.0
100	64QAM	1	1	19.08	19.13	19.07	21.0	0.0
100	256QAM	1	1	18.08	18.18	18.10	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.12	19.32	19.14	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	19.09	19.25	19.12	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.09	19.30	19.17	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	19.12	19.25	19.10	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	19.20	19.32	19.16	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.26	19.07	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	19.15	19.32	19.07	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.18	19.22	19.12	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	19.19	19.23	19.16	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	19.10	19.25	19.17	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.09	19.22	19.10	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.71	22.83	22.76	24.0	0.0
100	PI/2 BPSK	1	137	22.70	22.75	22.60		
100	PI/2 BPSK	1	271	22.40	22.53	22.46		
100	PI/2 BPSK	135	0	22.13	22.26	22.11	23.5	0.5
100	PI/2 BPSK	135	69	22.66	22.82	22.68	24.0	0.0
100	PI/2 BPSK	135	138	21.94	22.08	22.01	23.5	0.5
100	PI/2 BPSK	270	0	22.02	22.17	22.03		
100	QPSK	1	1	22.82	22.85	22.55	24.0	0.0
100	QPSK	1	137	22.49	22.56	22.50		
100	QPSK	1	271	22.24	22.38	22.22		
100	QPSK	135	0	21.69	21.83	21.68	23.0	1.0
100	QPSK	135	69	22.78	22.83	22.50	24.0	0.0
100	QPSK	135	138	21.60	21.65	21.60	23.0	1.0
100	QPSK	270	0	21.67	21.70	21.37		
100	16QAM	1	1	21.86	21.94	21.81	23.0	1.0
100	64QAM	1	1	20.41	20.48	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.34	18.22	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.64	22.76	22.61	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.58	22.70	22.69	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.63	22.74	22.69	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.61	22.77	22.67	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.59	22.72	22.61	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.65	22.72	22.67	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.61	22.78	22.69	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.64	22.71	22.68	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.55	22.75	22.71	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.65	22.77	22.69	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.66	22.73	22.66	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.61		16.5	0.0
100	PI/2 BPSK	1	137		15.65			
100	PI/2 BPSK	1	271		15.69			
100	PI/2 BPSK	135	0		15.56		16.5	0.0
100	PI/2 BPSK	135	69		15.58		16.5	0.0
100	PI/2 BPSK	135	138		15.57		16.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.73		16.5	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.62			
100	QPSK	135	0		15.69		16.5	0.0
100	QPSK	135	69		15.70		16.5	0.0
100	QPSK	135	138		15.62		16.5	0.0
100	QPSK	270	0		15.68			
100	16QAM	1	1		15.55		16.5	0.0
100	64QAM	1	1		15.68		16.5	0.0
100	256QAM	1	1		15.62		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	15.68	15.62	15.56	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	15.61	15.68	15.56	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	15.65	15.62	15.69	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	15.56	15.68	15.61	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	15.65	15.58	15.69	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	15.57	15.58	15.57	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	15.58	15.62	15.61	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.64	15.65	15.56	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	15.58	15.62	15.56	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	15.61	15.58	15.65	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	15.60	15.57	15.62	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.08		19.5	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.10			
100	PI/2 BPSK	135	0		19.14		19.5	0.0
100	PI/2 BPSK	135	69		19.13		19.5	0.0
100	PI/2 BPSK	135	138		19.03		19.5	0.0
100	PI/2 BPSK	270	0		19.05			
100	QPSK	1	1		19.18		19.5	0.0
100	QPSK	1	137		19.10			
100	QPSK	1	271		19.08			
100	QPSK	135	0		19.06		19.5	0.0
100	QPSK	135	69		19.15		19.5	0.0
100	QPSK	135	138		19.05		19.5	0.0
100	QPSK	270	0		19.13			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.03		19.5	0.0
100	256QAM	1	1		19.10		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.00	19.04	19.04	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.07	19.02	19.09	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.02	19.02	19.08	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.07	19.14	19.13	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.03	19.14	19.13	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.11	19.09	19.01	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.01	19.09	19.11	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.08	19.04	19.00	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.08	19.13	19.14	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.12	19.11	19.12	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.07	19.14	19.01	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.62		16.5	0.0
100	PI/2 BPSK	1	137		15.59			
100	PI/2 BPSK	1	271		15.62			
100	PI/2 BPSK	135	0		15.53		16.5	0.0
100	PI/2 BPSK	135	69		15.52		16.5	0.0
100	PI/2 BPSK	135	138		15.53		16.5	0.0
100	PI/2 BPSK	270	0		15.59			
100	QPSK	1	1		15.68		16.5	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.54			
100	QPSK	135	0		15.65		16.5	0.0
100	QPSK	135	69		15.66		16.5	0.0
100	QPSK	135	138		15.62		16.5	0.0
100	QPSK	270	0		15.63			
100	16QAM	1	1		15.51		16.5	0.0
100	64QAM	1	1		15.53		16.5	0.0
100	256QAM	1	1		15.58		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.54	15.58	15.62	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.53	15.53	15.59	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.63	15.63	15.52	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.60	15.54	15.57	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.60	15.57	15.65	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.57	15.58	15.51	16.5	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	15.64	15.56	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.60	15.55	15.58	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.53	15.59	15.58	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.55	15.60	15.60	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.56	15.54	15.59	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.99		19.5	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		19.06		19.5	0.0
100	PI/2 BPSK	135	69		19.05		19.5	0.0
100	PI/2 BPSK	135	138		19.06		19.5	0.0
100	PI/2 BPSK	270	0		19.06			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.06			
100	QPSK	1	271		19.06			
100	QPSK	135	0		19.04		19.5	0.0
100	QPSK	135	69		19.13		19.5	0.0
100	QPSK	135	138		19.07		19.5	0.0
100	QPSK	270	0		19.10			
100	16QAM	1	1		19.08		19.5	0.0
100	64QAM	1	1		19.04		19.5	0.0
100	256QAM	1	1		19.00		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.05	19.08	19.00	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.10	19.00	19.07	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.01	19.03	19.12	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.08	19.10	18.99	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.12	19.02	19.04	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.99	19.01	19.09	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.11	19.06	18.98	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.08	19.06	19.09	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.04	19.00	19.00	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.06	19.07	19.02	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.07	18.99	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.54			
100	PI/2 BPSK	1	137		17.58		18.5	0.0
100	PI/2 BPSK	1	271		17.59			
100	PI/2 BPSK	135	0		17.56		18.5	0.0
100	PI/2 BPSK	135	69		17.54		18.5	0.0
100	PI/2 BPSK	135	138		17.46		18.5	0.0
100	PI/2 BPSK	270	0		17.57			
100	QPSK	1	1		17.62			
100	QPSK	1	137		17.55		18.5	0.0
100	QPSK	1	271		17.56			
100	QPSK	135	0		17.46		18.5	0.0
100	QPSK	135	69		17.60		18.5	0.0
100	QPSK	135	138		17.59		18.5	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.49		18.5	0.0
100	64QAM	1	1		17.51		18.5	0.0
100	256QAM	1	1		17.45		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	17.58	17.51	17.55	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	17.55	17.46	17.49	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	17.53	17.54	17.59	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	17.48	17.57	17.58	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	17.49	17.50	17.58	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	17.59	17.54	17.56	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	17.53	17.50	17.51	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.53	17.58	17.49	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	17.56	17.56	17.51	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	17.56	17.48	17.55	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	17.48	17.53	17.45	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.38			
100	PI/2 BPSK	1	137		20.37		21.5	0.0
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.41		21.5	0.0
100	PI/2 BPSK	135	69		20.32		21.5	0.0
100	PI/2 BPSK	135	138		20.36		21.5	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.49			
100	QPSK	1	137		20.40		21.5	0.0
100	QPSK	1	271		20.45			
100	QPSK	135	0		20.38		21.5	0.0
100	QPSK	135	69		20.47		21.5	0.0
100	QPSK	135	138		20.36		21.5	0.0
100	QPSK	270	0		20.45			
100	16QAM	1	1		20.36		21.5	0.0
100	64QAM	1	1		20.36		21.5	0.0
100	256QAM	1	1		20.45		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.44	20.44	20.46	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.36	20.46	20.37	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.43	20.36	20.36	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.32	20.41	20.34	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.38	20.37	20.45	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.45	20.37	20.35	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.38	20.46	20.45	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.32	20.39	20.43	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.42	20.40	20.39	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.40	20.41	20.34	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.41	20.42	20.40	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.43			
100	PI/2 BPSK	1	137		17.47		18.5	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.5	0.0
100	PI/2 BPSK	135	69		17.48		18.5	0.0
100	PI/2 BPSK	135	138		17.43		18.5	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.58			
100	QPSK	1	137		17.45		18.5	0.0
100	QPSK	1	271		17.53			
100	QPSK	135	0		17.52		18.5	0.0
100	QPSK	135	69		17.55		18.5	0.0
100	QPSK	135	138		17.51		18.5	0.0
100	QPSK	270	0		17.52			
100	16QAM	1	1		17.46		18.5	0.0
100	64QAM	1	1		17.54		18.5	0.0
100	256QAM	1	1		17.46		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	17.44	17.43	17.48	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	17.47	17.50	17.42	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.47	17.49	17.48	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	17.54	17.51	17.41	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	17.54	17.42	17.46	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.42	17.45	17.48	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	17.42	17.42	17.44	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.49	17.46	17.44	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	17.40	17.51	17.45	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	17.47	17.45	17.43	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.54	17.43	17.44	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.44		21.5	0.0
100	PI/2 BPSK	1	137		20.45			
100	PI/2 BPSK	1	271		20.44			
100	PI/2 BPSK	135	0		20.36		21.5	0.0
100	PI/2 BPSK	135	69		20.46		21.5	0.0
100	PI/2 BPSK	135	138		20.37		21.5	0.0
100	PI/2 BPSK	270	0		20.48			
100	QPSK	1	1		20.52		21.5	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.45			
100	QPSK	135	0		20.38		21.5	0.0
100	QPSK	135	69		20.50		21.5	0.0
100	QPSK	135	138		20.40		21.5	0.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.37		21.5	0.0
100	64QAM	1	1		20.45		21.5	0.0
100	256QAM	1	1		20.42		21.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.41	20.40	20.43	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.47	20.35	20.49	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.39	20.49	20.36	21.5	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.46	20.43	20.36	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.49	20.42	20.48	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.36	20.43	20.40	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.39	20.40	20.49	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.35	20.41	20.48	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.42	20.43	20.41	21.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.47	20.48	20.37	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.45	20.43	20.37	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.02		16.5	0.0
100	PI/2 BPSK	1	137		15.04			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.03		16.5	0.0
100	PI/2 BPSK	135	69		15.03		16.5	0.0
100	PI/2 BPSK	135	138		15.10		16.5	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.13		16.5	0.0
100	QPSK	1	137		15.05			
100	QPSK	1	271		15.06			
100	QPSK	135	0		14.99		16.5	0.0
100	QPSK	135	69		15.12		16.5	0.0
100	QPSK	135	138		15.07		16.5	0.0
100	QPSK	270	0		15.10			
100	16QAM	1	1		15.03		16.5	0.0
100	64QAM	1	1		15.01		16.5	0.0
100	256QAM	1	1		15.03		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	15.03	15.04	15.03	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	14.98	15.05	15.02	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	15.04	14.99	15.11	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	15.01	15.09	15.02	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	14.99	15.02	15.01	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	15.01	15.07	15.01	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	15.05	15.04	15.10	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.06	15.00	14.97	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	15.00	15.02	15.01	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	15.01	15.00	14.97	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	14.97	14.97	15.10	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.60		19.5	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.69			
100	PI/2 BPSK	135	0		18.64		19.5	0.0
100	PI/2 BPSK	135	69		18.68		19.5	0.0
100	PI/2 BPSK	135	138		18.65		19.5	0.0
100	PI/2 BPSK	270	0		18.56			
100	QPSK	1	1		18.72		19.5	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.63		19.5	0.0
100	QPSK	135	69		18.70		19.5	0.0
100	QPSK	135	138		18.62		19.5	0.0
100	QPSK	270	0		18.67			
100	16QAM	1	1		18.66		19.5	0.0
100	64QAM	1	1		18.56		19.5	0.0
100	256QAM	1	1		18.62		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.56	18.62	18.56	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.69	18.69	18.67	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.66	18.65	18.68	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.57	18.67	18.61	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.69	18.68	18.64	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.67	18.56	18.57	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.56	18.67	18.62	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.69	18.69	18.56	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.65	18.64	18.57	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.56	18.62	18.55	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.68	18.59	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.91		16.5	0.0
100	PI/2 BPSK	1	137		14.99			
100	PI/2 BPSK	1	271		14.95			
100	PI/2 BPSK	135	0		14.93		16.5	0.0
100	PI/2 BPSK	135	69		14.85		16.5	0.0
100	PI/2 BPSK	135	138		14.93		16.5	0.0
100	PI/2 BPSK	270	0		14.87			
100	QPSK	1	1		15.02		16.5	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.98			
100	QPSK	135	0		14.88		16.5	0.0
100	QPSK	135	69		15.00		16.5	0.0
100	QPSK	135	138		14.92		16.5	0.0
100	QPSK	270	0		14.98			
100	16QAM	1	1		14.99		16.5	0.0
100	64QAM	1	1		14.91		16.5	0.0
100	256QAM	1	1		14.89		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.92	14.94	14.86	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.92	14.96	14.95	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.96	14.97	14.95	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.92	14.94	14.91	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.85	14.86	14.97	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.87	14.89	14.94	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.96	14.94	14.85	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.98	14.97	14.93	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.96	14.89	14.86	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.97	14.92	14.93	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.89	14.89	14.85	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.54		19.5	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.65			
100	PI/2 BPSK	135	0		18.55		19.5	0.0
100	PI/2 BPSK	135	69		18.58		19.5	0.0
100	PI/2 BPSK	135	138		18.51		19.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.68		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		18.63			
100	QPSK	135	0		18.59		19.5	0.0
100	QPSK	135	69		18.66		19.5	0.0
100	QPSK	135	138		18.56		19.5	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.65		19.5	0.0
100	64QAM	1	1		18.56		19.5	0.0
100	256QAM	1	1		18.62		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.56	18.63	18.53	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.60	18.52	18.60	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.62	18.64	18.56	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.51	18.51	18.65	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.56	18.63	18.52	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.58	18.52	18.56	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.60	18.56	18.59	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.60	18.63	18.55	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.55	18.62	18.61	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.53	18.63	18.57	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.65	18.65	18.62	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.67		25.0	0.0
100	PI/2 BPSK	1	137		23.58			
100	PI/2 BPSK	1	271		23.46			
100	PI/2 BPSK	135	0		23.62		25.0	0.0
100	PI/2 BPSK	135	69		23.65		25.0	0.0
100	PI/2 BPSK	135	138		23.60		25.0	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70		25.0	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.44			
100	QPSK	135	0		23.66		25.0	0.0
100	QPSK	135	69		23.68		25.0	0.0
100	QPSK	135	138		23.62		25.0	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.34		25.0	0.0
100	64QAM	1	1		21.91		23.5	1.5
100	256QAM	1	1		20.60		21.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.60	23.55	23.65	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.65	23.61	23.54	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.57	23.56	23.56	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.65	23.55	23.62	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.59	23.64	23.58	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.57	23.59	23.65	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.61	23.64	23.59	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.65	23.59	23.57	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.62	23.57	23.62	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.54	23.54	23.61	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.59	23.63	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.22		26.0	0.0
100	PI/2 BPSK	1	137		25.20			
100	PI/2 BPSK	1	271		25.11			
100	PI/2 BPSK	135	0		24.67		25.5	0.5
100	PI/2 BPSK	135	69		25.20		26.0	0.0
100	PI/2 BPSK	135	138		24.48		25.5	0.5
100	PI/2 BPSK	270	0		24.63			
100	QPSK	1	1		25.25		26.0	0.0
100	QPSK	1	137		25.08			
100	QPSK	1	271		24.92			
100	QPSK	135	0		24.26		25.0	1.0
100	QPSK	135	69		25.23		26.0	0.0
100	QPSK	135	138		24.13		25.0	1.0
100	QPSK	270	0		24.15			
100	16QAM	1	1		24.20		25.0	1.0
100	64QAM	1	1		22.76		23.5	2.5
100	256QAM	1	1		20.75		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.11	25.18	25.13	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.11	25.10	25.09	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.18	25.15	25.14	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.20	25.19	25.18	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.15	25.09	25.12	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.20	25.15	25.20	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.14	25.11	25.11	26.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.12	25.11	25.19	26.0	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	25.09	25.10	26.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.14	25.12	25.11	26.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.16	25.09	25.09	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.62		25.0	0.0
100	PI/2 BPSK	1	137		23.56			
100	PI/2 BPSK	1	271		23.44			
100	PI/2 BPSK	135	0		23.56		25.0	0.0
100	PI/2 BPSK	135	69		23.60		25.0	0.0
100	PI/2 BPSK	135	138		23.52		25.0	0.0
100	PI/2 BPSK	270	0		23.55			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.48			
100	QPSK	1	271		23.36			
100	QPSK	135	0		23.60		25.0	0.0
100	QPSK	135	69		23.62		25.0	0.0
100	QPSK	135	138		23.58		25.0	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.11		25.0	0.0
100	64QAM	1	1		21.70		23.5	1.5
100	256QAM	1	1		20.43		21.5	3.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.54	23.52	23.58	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.60	23.55	23.49	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.53	23.49	23.55	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.59	23.60	23.54	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.50	23.59	23.53	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.50	23.49	23.52	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.53	23.49	23.51	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.59	23.53	23.52	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.60	23.50	23.57	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.54	23.54	23.56	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.50	23.56	23.59	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.60		26.0	0.0
100	PI/2 BPSK	1	137		24.57			
100	PI/2 BPSK	1	271		24.51			
100	PI/2 BPSK	135	0		24.11		25.5	0.5
100	PI/2 BPSK	135	69		24.57		26.0	0.0
100	PI/2 BPSK	135	138		24.11		25.5	0.5
100	PI/2 BPSK	270	0		24.20			
100	QPSK	1	1		24.62		26.0	0.0
100	QPSK	1	137		24.42			
100	QPSK	1	271		24.26			
100	QPSK	135	0		24.15		25.0	1.0
100	QPSK	135	69		24.60		26.0	0.0
100	QPSK	135	138		24.11		25.0	1.0
100	QPSK	270	0		24.05			
100	16QAM	1	1		23.93		25.0	1.0
100	64QAM	1	1		22.57		23.5	2.5
100	256QAM	1	1		20.54		21.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	24.47	24.55	24.54	26.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	24.56	24.52	24.54	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.54	24.56	24.54	26.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.52	24.56	24.55	26.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.53	24.57	24.57	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.47	24.54	24.51	26.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	24.51	24.49	24.53	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.55	24.54	24.54	26.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.48	24.50	24.56	26.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	24.50	24.55	24.48	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.48	24.52	24.49	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.92	22.91	22.93	24.0	0.0
20	PI/2 BPSK	1	53	22.83	22.90	22.88		
20	PI/2 BPSK	1	104	22.87	22.87	22.88		
20	PI/2 BPSK	50	0	22.63	22.68	22.58	24.0	0.0
20	PI/2 BPSK	50	28	22.84	22.88	22.97	24.0	0.0
20	PI/2 BPSK	50	56	22.54	22.63	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.66	22.56		
20	QPSK	1	1	22.96	23.00	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.93	22.89		
20	QPSK	1	104	22.81	22.95	22.89		
20	QPSK	50	0	22.74	22.74	22.69	24.0	0.0
20	QPSK	50	28	22.93	22.98	22.97	24.0	0.0
20	QPSK	50	56	22.78	22.67	22.67	24.0	0.0
20	QPSK	100	0	22.74	22.75	22.68		
20	16QAM	1	1	22.50	22.64	22.48	24.0	0.0
20	64QAM	1	1	21.10	21.18	21.03	22.5	1.5
20	256QAM	1	1	19.61	19.74	19.60	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.96	22.93	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.90	22.89	22.90	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.84	22.93	22.85	24.0	0.0

Reduced Power Mode for ECI3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.88	22.76	24.5	0.0
20	PI/2 BPSK	1	53	22.51	22.67	22.57		
20	PI/2 BPSK	1	104	22.76	22.85	22.76		
20	PI/2 BPSK	50	0	22.06	22.20	22.07	24.0	0.5
20	PI/2 BPSK	50	28	22.59	22.68	22.57	24.5	0.0
20	PI/2 BPSK	50	56	22.10	22.15	22.01	24.0	0.5
20	PI/2 BPSK	100	0	22.07	22.16	22.04		
20	QPSK	1	1	22.95	23.00	22.98	24.5	0.0
20	QPSK	1	53	22.88	22.83	22.75		
20	QPSK	1	104	22.92	22.89	22.95		
20	QPSK	50	0	21.78	21.75	21.73	23.5	1.0
20	QPSK	50	28	22.62	22.65	22.53	24.5	0.0
20	QPSK	50	56	21.77	21.69	21.74	23.5	1.0
20	QPSK	100	0	21.74	21.80	21.77		
20	16QAM	1	1	21.53	21.69	21.62	23.5	1.0
20	64QAM	1	1	20.03	20.16	20.01	22.0	2.5
20	256QAM	1	1	18.59	18.71	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.79	22.85	22.71	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.84	22.72	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.80	22.79	22.69	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.30	22.49	22.44	24.0	0.0
20	PI/2 BPSK	1	53	22.20	22.48	22.44		
20	PI/2 BPSK	1	104	22.23	22.54	22.51		
20	PI/2 BPSK	50	0	22.29	22.46	22.42	24.0	0.0
20	PI/2 BPSK	50	28	22.34	22.46	22.40	24.0	0.0
20	PI/2 BPSK	50	56	22.25	22.50	22.45	24.0	0.0
20	PI/2 BPSK	100	0	22.20	22.47	22.47		
20	QPSK	1	1	22.43	22.58	22.56	24.0	0.0
20	QPSK	1	53	22.31	22.48	22.43		
20	QPSK	1	104	22.24	22.50	22.50		
20	QPSK	50	0	22.30	22.51	22.43	24.0	0.0
20	QPSK	50	28	22.35	22.56	22.53	24.0	0.0
20	QPSK	50	56	22.20	22.42	22.43	24.0	0.0
20	QPSK	100	0	22.28	22.31	22.29		
20	16QAM	1	1	22.05	22.21	22.10	24.0	0.0
20	64QAM	1	1	20.63	20.77	20.61	22.5	1.5
20	256QAM	1	1	19.29	19.36	19.22	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.32	22.49	22.44	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.30	22.51	22.40	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.21	22.52	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.76	20.83	20.82	22.0	0.0
20	PI/2 BPSK	1	53	20.80	20.87	20.76		
20	PI/2 BPSK	1	104	20.74	20.89	20.82		
20	PI/2 BPSK	50	0	20.73	20.81	20.84	22.0	0.0
20	PI/2 BPSK	50	28	20.82	20.77	20.83	22.0	0.0
20	PI/2 BPSK	50	56	20.72	20.80	20.88	22.0	0.0
20	PI/2 BPSK	100	0	20.76	20.83	20.74		
20	QPSK	1	1	20.85	20.93	20.90	22.0	0.0
20	QPSK	1	53	20.74	20.78	20.88		
20	QPSK	1	104	20.79	20.80	20.85		
20	QPSK	50	0	20.71	20.83	20.80	22.0	0.0
20	QPSK	50	28	20.83	20.90	20.89	22.0	0.0
20	QPSK	50	56	20.73	20.89	20.83	22.0	0.0
20	QPSK	100	0	20.81	20.88	20.85		
20	16QAM	1	1	20.70	20.79	20.75	22.0	0.0
20	64QAM	1	1	20.39	20.54	20.38	22.0	0.0
20	256QAM	1	1	19.07	19.15	19.05	20.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.81	20.82	20.77	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.82	20.80	20.74	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.76	20.84	20.75	22.0	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	24.97	25.03	24.93	25.7	0.0
20	PI/2 BPSK	1	53	24.91	25.03	24.91		
20	PI/2 BPSK	1	104	24.86	24.92	24.82		
20	PI/2 BPSK	50	0	24.40	24.54	24.43	25.2	0.5
20	PI/2 BPSK	50	28	24.98	25.03	24.87	25.7	0.0
20	PI/2 BPSK	50	56	24.37	24.44	24.33	25.2	0.5
20	PI/2 BPSK	100	0	24.37	24.51	24.36		
20	QPSK	1	1	25.22	25.25	25.15	25.7	0.0
20	QPSK	1	53	25.20	25.12	25.12		
20	QPSK	1	104	25.08	25.04	25.00		
20	QPSK	50	0	23.92	24.01	23.86	24.7	1.0
20	QPSK	50	28	25.01	25.09	24.98	25.7	0.0
20	QPSK	50	56	23.78	23.94	23.85	24.7	1.0
20	QPSK	100	0	23.88	24.01	23.94		
20	16QAM	1	1	23.60	23.70	23.56	24.7	1.0
20	64QAM	1	1	22.17	22.24	22.17	23.2	2.5
20	256QAM	1	1	20.65	20.78	20.66	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.90	24.93	24.88	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.84	24.98	24.78	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	24.98	24.86	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.79	20.73	20.66	22.0	0.0
20	PI/2 BPSK	1	53	20.71	20.73	20.62		
20	PI/2 BPSK	1	104	20.74	20.83	20.64		
20	PI/2 BPSK	50	0	20.69	20.80	20.59	22.0	0.0
20	PI/2 BPSK	50	28	20.78	20.74	20.68	22.0	0.0
20	PI/2 BPSK	50	56	20.73	20.84	20.62	22.0	0.0
20	PI/2 BPSK	100	0	20.68	20.75	20.61		
20	QPSK	1	1	20.80	20.88	20.75	22.0	0.0
20	QPSK	1	53	20.72	20.81	20.69		
20	QPSK	1	104	20.69	20.75	20.68		
20	QPSK	50	0	20.80	20.74	20.67	22.0	0.0
20	QPSK	50	28	20.82	20.85	20.73	22.0	0.0
20	QPSK	50	56	20.75	20.77	20.62	22.0	0.0
20	QPSK	100	0	20.80	20.83	20.70		
20	16QAM	1	1	20.74	20.76	20.66	22.0	0.0
20	64QAM	1	1	20.78	20.80	20.72	22.0	0.0
20	256QAM	1	1	19.90	19.96	19.81	21.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.74	20.76	20.68	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.77	20.73	20.59	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.70	20.77	20.62	22.0	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.83	20.13	19.86	20.7	0.0
50	PI/2 BPSK	1	135	19.90	20.20	19.96		
50	PI/2 BPSK	1	268	19.84	20.10	19.95		
50	PI/2 BPSK	135	0	19.82	20.20	19.87	20.7	0.0
50	PI/2 BPSK	135	68	19.90	20.19	19.86	20.7	0.0
50	PI/2 BPSK	135	135	19.87	20.07	19.93	20.7	0.0
50	PI/2 BPSK	270	0	19.87	20.18	19.85		
50	QPSK	1	1	19.95	20.25	20.02	20.7	0.0
50	QPSK	1	135	19.86	20.13	19.90		
50	QPSK	1	268	19.80	20.12	19.89		
50	QPSK	135	0	19.91	20.14	19.85	20.7	0.0
50	QPSK	135	68	19.93	20.22	20.00	20.7	0.0
50	QPSK	135	135	19.85	20.17	19.90	20.7	0.0
50	QPSK	270	0	19.91	20.00	19.98		
50	16QAM	1	1	19.82	20.13	19.93	20.7	0.0
50	64QAM	1	1	19.82	20.09	19.87	20.7	0.0
50	256QAM	1	1	19.88	20.10	19.96	20.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.81	20.11	19.98	20.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.83	20.08	19.99	20.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.90	20.16	19.96	20.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.88	20.15	19.88	20.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.85	20.20	19.92	20.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.79	20.13	19.86	20.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.78	20.16	19.93	20.7	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.20	21.33	21.14	22.5	0.0
50	PI/2 BPSK	1	135	21.13	21.34	21.08		
50	PI/2 BPSK	1	268	21.22	21.30	21.15		
50	PI/2 BPSK	135	0	21.22	21.39	21.11	22.5	0.0
50	PI/2 BPSK	135	68	21.22	21.38	21.16	22.5	0.0
50	PI/2 BPSK	135	135	21.16	21.30	21.09	22.5	0.0
50	PI/2 BPSK	270	0	21.20	21.37	21.13		
50	QPSK	1	1	21.28	21.48	21.25	22.5	0.0
50	QPSK	1	135	21.20	21.38	21.09		
50	QPSK	1	268	21.15	21.33	21.13		
50	QPSK	135	0	21.18	21.43	21.14	22.5	0.0
50	QPSK	135	68	21.25	21.45	21.23	22.5	0.0
50	QPSK	135	135	21.16	21.43	21.16	22.5	0.0
50	QPSK	270	0	21.23	21.43	21.21		
50	16QAM	1	1	21.17	21.30	21.22	22.5	0.0
50	64QAM	1	1	20.85	20.79	20.78	22.5	0.0
50	256QAM	1	1	19.40	19.31	19.25	20.5	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.12	21.44	21.15	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.19	21.35	21.08	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.16	21.44	21.11	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.23	21.37	21.13	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.16	21.30	21.15	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.15	21.32	21.19	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.14	21.37	21.20	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.41	19.64	19.42	21.2	0.0
50	PI/2 BPSK	1	135	19.49	19.58	19.41		
50	PI/2 BPSK	1	268	19.44	19.63	19.44		
50	PI/2 BPSK	135	0	19.52	19.59	19.47	21.2	0.0
50	PI/2 BPSK	135	68	19.43	19.55	19.45	21.2	0.0
50	PI/2 BPSK	135	135	19.41	19.65	19.39	21.2	0.0
50	PI/2 BPSK	270	0	19.54	19.65	19.46		
50	QPSK	1	1	19.56	19.73	19.53	21.2	0.0
50	QPSK	1	135	19.54	19.55	19.39		
50	QPSK	1	268	19.52	19.64	19.42		
50	QPSK	135	0	19.53	19.67	19.36	21.2	0.0
50	QPSK	135	68	19.55	19.70	19.51	21.2	0.0
50	QPSK	135	135	19.52	19.66	19.36	21.2	0.0
50	QPSK	270	0	19.53	19.67	19.50		
50	16QAM	1	1	19.40	19.61	19.46	21.2	0.0
50	64QAM	1	1	19.42	19.62	19.50	21.2	0.0
50	256QAM	1	1	19.45	19.67	19.38	21.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.54	19.60	19.36	21.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.43	19.56	19.45	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.50	19.60	19.50	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.41	19.68	19.44	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.46	19.65	19.47	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.53	19.63	19.47	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.43	19.62	19.47	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.31	18.33	18.28	19.5	0.0
50	PI/2 BPSK	1	135	18.38	18.44	18.31		
50	PI/2 BPSK	1	268	18.40	18.33	18.36		
50	PI/2 BPSK	135	0	18.30	18.46	18.36	19.5	0.0
50	PI/2 BPSK	135	68	18.39	18.41	18.35	19.5	0.0
50	PI/2 BPSK	135	135	18.28	18.46	18.37	19.5	0.0
50	PI/2 BPSK	270	0	18.32	18.40	18.26		
50	QPSK	1	1	18.45	18.51	18.42	19.5	0.0
50	QPSK	1	135	18.34	18.37	18.39		
50	QPSK	1	268	18.35	18.46	18.34		
50	QPSK	135	0	18.31	18.45	18.25	19.5	0.0
50	QPSK	135	68	18.43	18.48	18.40	19.5	0.0
50	QPSK	135	135	18.30	18.35	18.35	19.5	0.0
50	QPSK	270	0	18.40	18.45	18.38		
50	16QAM	1	1	18.31	18.41	18.31	19.5	0.0
50	64QAM	1	1	18.29	18.35	18.25	19.5	0.0
50	256QAM	1	1	18.31	18.33	18.36	19.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.30	18.45	18.26	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.37	18.36	18.38	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.32	18.44	18.37	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.36	18.38	18.39	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.31	18.38	18.27	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.30	18.37	18.35	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.40	18.47	18.33	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.43	24.58	24.52	25.5	0.0
15	PI/2 BPSK	1	40	24.48	24.54	24.49		
15	PI/2 BPSK	1	77	24.51	24.62	24.51		
15	PI/2 BPSK	36	0	23.99	24.07	23.94	25.0	0.5
15	PI/2 BPSK	36	22	24.46	24.52	24.37	25.5	0.0
15	PI/2 BPSK	36	43	23.90	24.00	23.84	25.0	0.5
15	PI/2 BPSK	75	0	23.89	24.03	23.92		
15	QPSK	1	1	24.70	24.75	24.73	25.5	0.0
15	QPSK	1	40	24.69	24.65	24.59		
15	QPSK	1	77	24.55	24.63	24.71		
15	QPSK	36	0	23.38	23.43	23.36	24.5	1.0
15	QPSK	36	22	24.33	24.48	24.40	25.5	0.0
15	QPSK	36	43	23.40	23.49	23.35	24.5	1.0
15	QPSK	75	0	23.47	23.52	23.36		
15	16QAM	1	1	23.23	23.36	23.30	24.5	1.0
15	64QAM	1	1	21.81	21.89	21.79	23.0	2.5
	256QAM	1	1	20.25	20.38	20.26	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.27	24.49	24.39	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.36	24.45	24.43	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.86	23.98	23.92	25.5	0.0
15	PI/2 BPSK	1	40	23.81	23.92	23.86		
15	PI/2 BPSK	1	77	23.83	23.97	23.85		
15	PI/2 BPSK	36	0	23.37	23.46	23.30	25.0	0.5
15	PI/2 BPSK	36	22	23.85	23.93	23.83	25.5	0.0
15	PI/2 BPSK	36	43	23.34	23.42	23.37	25.0	0.5
15	PI/2 BPSK	75	0	23.37	23.44	23.39		
15	QPSK	1	1	24.11	24.15	24.11	25.5	0.0
15	QPSK	1	40	24.10	24.04	23.99		
15	QPSK	1	77	23.96	24.06	24.10		
15	QPSK	36	0	22.93	23.00	22.97	24.5	1.0
15	QPSK	36	22	23.92	23.95	23.86	25.5	0.0
15	QPSK	36	43	22.90	22.91	22.85	24.5	1.0
15	QPSK	75	0	22.93	22.95	22.93		
15	16QAM	1	1	22.62	22.78	22.72	24.5	1.0
15	64QAM	1	1	21.16	21.32	21.25	23.0	2.5
	256QAM	1	1	19.66	19.81	19.74	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.86	23.83	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.74	23.90	23.85	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.06	25.21	25.07	25.7	0.0
20	PI/2 BPSK	1	53	24.92	25.06	24.93		
20	PI/2 BPSK	1	104	24.91	24.96	24.80		
20	PI/2 BPSK	50	0	24.47	24.59	24.44	25.2	0.5
20	PI/2 BPSK	50	28	25.02	25.07	24.91	25.7	0.0
20	PI/2 BPSK	50	56	24.40	24.54	24.44	25.2	0.5
20	PI/2 BPSK	100	0	24.54	24.61	24.47		
20	QPSK	1	1	25.15	25.35	25.08	25.7	0.0
20	QPSK	1	53	25.13	25.25	24.96		
20	QPSK	1	104	25.06	25.10	24.86		
20	QPSK	50	0	24.00	24.10	23.99	24.7	1.0
20	QPSK	50	28	24.95	25.03	24.95	25.7	0.0
20	QPSK	50	56	23.96	24.02	23.95	24.7	1.0
20	QPSK	100	0	24.01	24.06	23.92		
20	16QAM	1	1	23.78	23.87	23.76	24.7	1.0
20	64QAM	1	1	22.29	22.44	22.35	23.2	2.5
20	256QAM	1	1	20.82	20.96	20.80	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.92	25.12	24.96	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.90	25.09	24.91	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.96	25.15	24.91	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.35	24.43	24.32	25.5	0.0
20	PI/2 BPSK	1	53	24.16	24.26	24.16		
20	PI/2 BPSK	1	104	24.00	24.13	24.03		
20	PI/2 BPSK	50	0	23.76	23.83	23.72	25.0	0.5
20	PI/2 BPSK	50	28	24.17	24.27	24.21	25.5	0.0
20	PI/2 BPSK	50	56	23.69	23.75	23.65	25.0	0.5
20	PI/2 BPSK	100	0	23.73	23.80	23.65		
20	QPSK	1	1	24.47	24.50	24.41	25.5	0.0
20	QPSK	1	53	24.43	24.35	24.25		
20	QPSK	1	104	24.38	24.21	24.17		
20	QPSK	50	0	23.16	23.28	23.15	24.5	1.0
20	QPSK	50	28	24.05	24.17	24.01	25.5	0.0
20	QPSK	50	56	23.13	23.18	23.05	24.5	1.0
20	QPSK	100	0	23.16	23.23	23.13		
20	16QAM	1	1	22.94	23.04	22.89	24.5	1.0
20	64QAM	1	1	21.47	21.60	21.50	23.0	2.5
20	256QAM	1	1	20.08	20.14	20.05	21.0	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.26	24.37	24.21	25.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.21	24.29	24.24	25.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.23	24.35	24.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.88	22.98	22.87	24.0	0.0
40	PI/2 BPSK	1	108	22.88	22.98	22.83		
40	PI/2 BPSK	1	214	22.95	22.94	22.92		
40	PI/2 BPSK	108	0	22.88	23.00	22.81	24.0	0.0
40	PI/2 BPSK	108	54	22.86	22.99	22.94	24.0	0.0
40	PI/2 BPSK	108	108	22.93	22.91	22.85	24.0	0.0
40	PI/2 BPSK	216	0	22.85	23.00	22.82		
40	QPSK	1	1	22.92	23.05	22.98	24.0	0.0
40	QPSK	1	108	22.83	22.95	22.81		
40	QPSK	1	214	22.89	22.98	22.90		
40	QPSK	108	0	22.90	22.94	22.93	24.0	0.0
40	QPSK	108	54	22.97	23.02	22.95	24.0	0.0
40	QPSK	108	108	22.90	22.69	22.61	24.0	0.0
40	QPSK	216	0	22.77	22.78	22.60		
40	16QAM	1	1	22.33	22.49	22.35	24.0	0.0
40	64QAM	1	1	20.88	21.03	20.95	22.5	1.5
40	256QAM	1	1	19.55	19.66	19.53	20.5	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.82	23.00	22.93	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.91	22.99	22.83	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.84	22.89	22.81	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.83	22.97	22.83	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.93	22.98	22.82	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.93	22.98	22.92	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.75	22.70	22.70	24.5	0.0
40	PI/2 BPSK	1	108	22.68	22.53	22.52		
40	PI/2 BPSK	1	214	22.69	22.58	22.57		
40	PI/2 BPSK	108	0	22.13	22.02	22.06	24.0	0.5
40	PI/2 BPSK	108	54	22.81	22.69	22.75	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.05	22.11	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.18	22.18		
40	QPSK	1	1	22.90	23.03	22.92	24.5	0.0
40	QPSK	1	108	22.87	22.94	22.90		
40	QPSK	1	214	22.83	22.91	22.64		
40	QPSK	108	0	21.59	21.72	21.63	23.5	1.0
40	QPSK	108	54	22.88	22.74	22.61	24.5	0.0
40	QPSK	108	108	21.63	21.77	21.51	23.5	1.0
40	QPSK	216	0	21.64	21.78	21.51		
40	16QAM	1	1	21.37	21.25	21.30	23.5	1.0
40	64QAM	1	1	20.05	19.95	20.00	22.0	2.5
40	256QAM	1	1	18.64	18.53	18.51	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	22.67	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.89	22.65	22.77	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.94	22.76	22.84	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.94	22.66	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.76	22.87	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.87	22.73	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.50	21.76	21.42	23.0	0.0
40	PI/2 BPSK	1	108	21.61	21.66	21.38		
40	PI/2 BPSK	1	214	21.54	21.78	21.41		
40	PI/2 BPSK	108	0	21.55	21.76	21.42	23.0	0.0
40	PI/2 BPSK	108	54	21.57	21.76	21.44	23.0	0.0
40	PI/2 BPSK	108	108	21.52	21.70	21.47		
40	PI/2 BPSK	216	0	21.57	21.73	21.44		
40	QPSK	1	1	21.67	21.83	21.53	23.0	0.0
40	QPSK	1	108	21.57	21.68	21.42		
40	QPSK	1	214	21.59	21.77	21.38		
40	QPSK	108	0	21.54	21.77	21.37	23.0	0.0
40	QPSK	108	54	21.65	21.80	21.50	23.0	0.0
40	QPSK	108	108	21.56	21.75	21.49	23.0	0.0
40	QPSK	216	0	21.63	21.78	21.48		
40	16QAM	1	1	21.63	21.68	21.40	23.0	0.0
40	64QAM	1	1	20.68	20.61	20.60	22.5	0.5
40	256QAM	1	1	19.32	19.24	19.18	20.5	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.63	21.79	21.48	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.59	21.66	21.42	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.63	21.71	21.37	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.51	21.74	21.39	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.64	21.71	21.48	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.57	21.74	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.91	19.00	18.82	20.5	0.0
40	PI/2 BPSK	1	108	18.99	18.99	18.78		
40	PI/2 BPSK	1	214	18.88	19.02	18.75		
40	PI/2 BPSK	108	0	18.90	18.98	18.75	20.5	0.0
40	PI/2 BPSK	108	54	18.94	18.99	18.79	20.5	0.0
40	PI/2 BPSK	108	108	19.00	19.04	18.83	20.5	0.0
40	PI/2 BPSK	216	0	18.89	18.97	18.79		
40	QPSK	1	1	19.05	19.07	18.89	20.5	0.0
40	QPSK	1	108	18.91	18.99	18.76		
40	QPSK	1	214	18.92	18.90	18.74		
40	QPSK	108	0	18.96	18.95	18.74	20.5	0.0
40	QPSK	108	54	19.03	19.05	18.86	20.5	0.0
40	QPSK	108	108	18.92	18.91	18.75	20.5	0.0
40	QPSK	216	0	19.00	19.02	18.83		
40	16QAM	1	1	18.90	18.90	18.80	20.5	0.0
40	64QAM	1	1	18.97	19.04	18.77	20.5	0.0
40	256QAM	1	1	18.96	18.96	18.78	20.0	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.96	18.93	18.80	20.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.97	19.00	18.75	20.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.02	18.95	18.75	20.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.95	19.03	18.74	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.93	18.97	18.77	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.91	19.04	18.84	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.64	20.66	20.72	21.7	0.0
40	PI/2 BPSK	1	53	20.67	20.63	20.72		
40	PI/2 BPSK	1	104	20.56	20.72	20.62		
40	PI/2 BPSK	50	0	20.66	20.60	20.60	21.7	0.0
40	PI/2 BPSK	50	28	20.66	20.70	20.60	21.7	0.0
40	PI/2 BPSK	50	56	20.63	20.73	20.70	21.7	0.0
40	PI/2 BPSK	100	0	20.55	20.61	20.59		
40	QPSK	1	1	20.71	20.78	20.75	21.7	0.0
40	QPSK	1	53	20.66	20.60	20.61		
40	QPSK	1	104	20.68	20.74	20.58		
40	QPSK	50	0	20.64	20.62	20.66	21.7	0.0
40	QPSK	50	28	20.70	20.75	20.73	21.7	0.0
40	QPSK	50	56	20.57	20.65	20.72	21.7	0.0
40	QPSK	100	0	20.67	20.73	20.70		
40	16QAM	1	1	20.62	20.66	20.61	21.7	0.0
40	64QAM	1	1	20.63	20.67	20.72	21.7	0.0
40	256QAM	1	1	20.39	20.48	20.39	21.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.65	20.60	20.60	21.7	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.63	20.65	20.72	21.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.55	20.60	20.61	21.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.58	20.65	20.68	21.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.63	20.69	20.65	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.38	20.34	20.28	22.0	0.0
40	PI/2 BPSK	1	53	20.38	20.37	20.23		
40	PI/2 BPSK	1	104	20.41	20.39	20.29		
40	PI/2 BPSK	50	0	20.34	20.44	20.34	22.0	0.0
40	PI/2 BPSK	50	28	20.28	20.31	20.23	22.0	0.0
40	PI/2 BPSK	50	56	20.39	20.33	20.33	22.0	0.0
40	PI/2 BPSK	100	0	20.39	20.35	20.22		
40	QPSK	1	1	20.46	20.48	20.37	22.0	0.0
40	QPSK	1	53	20.38	20.43	20.24		
40	QPSK	1	104	20.34	20.30	20.26		
40	QPSK	50	0	20.35	20.40	20.34	22.0	0.0
40	QPSK	50	28	20.43	20.45	20.35	22.0	0.0
40	QPSK	50	56	20.32	20.42	20.22	22.0	0.0
40	QPSK	100	0	20.41	20.43	20.33		
40	16QAM	1	1	20.28	20.34	20.26	22.0	0.0
40	64QAM	1	1	20.36	20.31	20.31	22.0	0.0
40	256QAM	1	1	18.98	19.08	18.96	20.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.31	20.37	20.25	22.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.42	20.33	20.34	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.35	20.33	20.21	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.39	20.36	20.22	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.32	20.37	20.30	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.62	20.66	20.54	22.2	0.0
40	PI/2 BPSK	1	53	20.71	20.67	20.63		
40	PI/2 BPSK	1	104	20.60	20.74	20.50		
40	PI/2 BPSK	50	0	20.63	20.71	20.55	22.2	0.0
40	PI/2 BPSK	50	28	20.60	20.79	20.57	22.2	0.0
40	PI/2 BPSK	50	56	20.71	20.72	20.62	22.2	0.0
40	PI/2 BPSK	100	0	20.60	20.73	20.53		
40	QPSK	1	1	20.75	20.83	20.67	22.2	0.0
40	QPSK	1	53	20.66	20.73	20.64		
40	QPSK	1	104	20.72	20.67	20.56		
40	QPSK	50	0	20.65	20.71	20.50	22.2	0.0
40	QPSK	50	28	20.73	20.80	20.65	22.2	0.0
40	QPSK	50	56	20.62	20.68	20.62	22.2	0.0
40	QPSK	100	0	20.71	20.78	20.62		
40	16QAM	1	1	20.69	20.67	20.62	22.2	0.0
40	64QAM	1	1	20.59	20.76	20.62	22.2	0.0
40	256QAM	1	1	19.64	19.80	19.65	21.2	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.71	20.76	20.50	22.2	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.59	20.77	20.51	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.71	20.71	20.63	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.60	20.77	20.53	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.63	20.76	20.55	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				516004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.70	18.66	18.64	20.0	0.0
40	PI/2 BPSK	1	53	18.71	18.79	18.71		
40	PI/2 BPSK	1	104	18.69	18.67	18.69		
40	PI/2 BPSK	50	0	18.64	18.75	18.64	20.0	0.0
40	PI/2 BPSK	50	28	18.64	18.76	18.67	20.0	0.0
40	PI/2 BPSK	50	56	18.67	18.73	18.75	20.0	0.0
40	PI/2 BPSK	100	0	18.67	18.79	18.74		
40	QPSK	1	1	18.78	18.83	18.80	20.0	0.0
40	QPSK	1	53	18.71	18.71	18.68		
40	QPSK	1	104	18.64	18.70	18.67		
40	QPSK	50	0	18.66	18.67	18.64	20.0	0.0
40	QPSK	50	28	18.75	18.80	18.78	20.0	0.0
40	QPSK	50	56	18.65	18.75	18.77	20.0	0.0
40	QPSK	100	0	18.73	18.78	18.75		
40	16QAM	1	1	18.71	18.77	18.74	20.0	0.0
40	64QAM	1	1	18.68	18.68	18.69	20.0	0.0
40	256QAM	1	1	18.71	18.66	18.77	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.63	18.72	18.76	20.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.69	18.73	18.68	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.63	18.72	18.77	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.67	18.66	18.67	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.71	18.68	18.63	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.35	17.37	17.09	18.5	0.0
100	PI/2 BPSK	1	137	17.35	17.36	17.03		
100	PI/2 BPSK	1	271	17.37	17.37	17.04		
100	PI/2 BPSK	135	0	17.40	17.38	17.02	18.5	0.0
100	PI/2 BPSK	135	69	17.44	17.43	17.11	18.5	0.0
100	PI/2 BPSK	135	138	17.38	17.40	17.01	18.5	0.0
100	PI/2 BPSK	270	0	17.42	17.40	17.13		
100	QPSK	1	1	17.50	17.53	17.18	18.5	0.0
100	QPSK	1	137	17.40	17.36	17.05		
100	QPSK	1	271	17.44	17.47	17.06		
100	QPSK	135	0	17.43	17.46	17.03	18.5	0.0
100	QPSK	135	69	17.47	17.50	17.16	18.5	0.0
100	QPSK	135	138	17.35	17.46	17.02	18.5	0.0
100	QPSK	270	0	17.45	17.47	17.13		
100	16QAM	1	1	17.37	17.35	17.04	18.5	0.0
100	64QAM	1	1	17.43	17.49	17.11	18.5	0.0
100	256QAM	1	1	17.41	17.41	17.10	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.42	17.41	17.07	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.42	17.41	17.05	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.37	17.35	17.11	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.42	17.44	17.12	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.32	17.48	17.03	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.38	17.45	17.11	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.37	17.47	17.07	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.39	17.49	17.05	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.43	17.14	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.77	20.76	20.61	21.5	0.0
100	PI/2 BPSK	1	137	20.64	20.71	20.51		
100	PI/2 BPSK	1	271	20.66	20.65	20.59		
100	PI/2 BPSK	135	0	20.77	20.67	20.62	21.5	0.0
100	PI/2 BPSK	135	69	20.68	20.72	20.58	21.5	0.0
100	PI/2 BPSK	135	138	20.65	20.69	20.53	21.5	0.0
100	PI/2 BPSK	270	0	20.71	20.71	20.53		
100	QPSK	1	1	20.80	20.83	20.67	21.5	0.0
100	QPSK	1	137	20.75	20.77	20.61		
100	QPSK	1	271	20.65	20.77	20.56		
100	QPSK	135	0	20.71	20.77	20.64	21.5	0.0
100	QPSK	135	69	20.78	20.80	20.65	21.5	0.0
100	QPSK	135	138	20.64	20.67	20.60	21.5	0.0
100	QPSK	270	0	20.75	20.78	20.63		
100	16QAM	1	1	20.74	20.67	20.57	21.5	0.0
100	64QAM	1	1	20.75	20.73	20.57	21.5	0.0
100	256QAM	1	1	20.68	20.69	20.51	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.73	20.65	20.55	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.66	20.66	20.50	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.70	20.73	20.58	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.64	20.69	20.64	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.68	20.68	20.54	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.67	20.79	20.54	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.64	20.74	20.56	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.76	20.74	20.59	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.73	20.72	20.60	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.13	20.24	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.15	20.23	20.05		
100	PI/2 BPSK	1	271	20.10	20.23	20.04		
100	PI/2 BPSK	135	0	20.09	20.14	19.99	21.5	0.0
100	PI/2 BPSK	135	69	20.12	20.17	20.10	21.5	0.0
100	PI/2 BPSK	135	138	20.08	20.21	19.98	21.5	0.0
100	PI/2 BPSK	270	0	20.06	20.12	20.00		
100	QPSK	1	1	20.22	20.28	20.15	21.5	0.0
100	QPSK	1	137	20.12	20.13	20.04		
100	QPSK	1	271	20.06	20.24	20.12		
100	QPSK	135	0	20.14	20.23	20.08	21.5	0.0
100	QPSK	135	69	20.20	20.25	20.13	21.5	0.0
100	QPSK	135	138	20.07	20.20	20.09	21.5	0.0
100	QPSK	270	0	20.18	20.23	20.11		
100	16QAM	1	1	20.16	20.15	19.99	21.5	0.0
100	64QAM	1	1	20.18	20.15	20.09	21.5	0.0
100	256QAM	1	1	20.08	20.10	20.12	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.13	20.19	20.04	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.12	20.16	20.08	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.19	20.20	20.07	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.18	20.16	19.98	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.05	20.16	20.04	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.09	20.17	20.07	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.07	20.22	20.09	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.14	20.14	20.03	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.10	20.18	20.10	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.36	23.42	23.12	24.5	0.0
100	PI/2 BPSK	1	137	23.29	23.40	23.06		
100	PI/2 BPSK	1	271	23.26	23.36	23.05		
100	PI/2 BPSK	135	0	23.27	23.39	23.18	24.5	0.0
100	PI/2 BPSK	135	69	23.39	23.35	23.08	24.5	0.0
100	PI/2 BPSK	135	138	23.33	23.43	23.05	24.5	0.0
100	PI/2 BPSK	270	0	23.29	23.34	23.09		
100	QPSK	1	1	23.43	23.48	23.23	24.5	0.0
100	QPSK	1	137	23.32	23.33	23.11		
100	QPSK	1	271	23.26	23.38	23.18		
100	QPSK	135	0	23.30	23.33	23.05	24.5	0.0
100	QPSK	135	69	23.41	23.45	23.20	24.5	0.0
100	QPSK	135	138	23.32	23.37	23.09	24.5	0.0
100	QPSK	270	0	23.38	23.43	23.18		
100	16QAM	1	1	23.26	23.35	23.11	24.5	0.0
100	64QAM	1	1	22.65	22.79	22.72	24.0	0.5
100	256QAM	1	1	21.45	21.58	21.45	22.0	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.33	23.07	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.30	23.31	23.10	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.29	23.40	23.14	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.37	23.41	23.17	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.29	23.36	23.07	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.37	23.30	23.19	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.31	23.35	23.16	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.38	23.38	23.05	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.30	23.32	23.14	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.94	20.01	19.84	21.0	0.0
100	PI/2 BPSK	1	137	19.96	19.98	19.80		
100	PI/2 BPSK	1	271	19.89	19.98	19.88		
100	PI/2 BPSK	135	0	19.91	20.05	19.81	21.0	0.0
100	PI/2 BPSK	135	69	19.90	20.09	19.92	21.0	0.0
100	PI/2 BPSK	135	138	19.97	19.99	19.82	21.0	0.0
100	PI/2 BPSK	270	0	19.94	20.10	19.87		
100	QPSK	1	1	20.03	20.15	19.95	21.0	0.0
100	QPSK	1	137	19.95	20.08	19.92		
100	QPSK	1	271	19.89	20.10	19.92		
100	QPSK	135	0	19.90	20.06	19.78	21.0	0.0
100	QPSK	135	69	20.00	20.13	19.93	21.0	0.0
100	QPSK	135	138	19.93	20.08	19.89	21.0	0.0
100	QPSK	270	0	19.98	20.10	19.90		
100	16QAM	1	1	19.92	20.10	19.84	21.0	0.0
100	64QAM	1	1	19.92	20.04	19.84	21.0	0.0
100	256QAM	1	1	19.96	20.03	19.84	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	20.12	19.82	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	20.06	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	20.10	19.79	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.07	19.91	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.97	20.02	19.91	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.89	20.04	19.86	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.10	19.79	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.86	20.00	19.91	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.93	20.05	19.91	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.10	23.37	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.30	23.07		
100	PI/2 BPSK	1	271	23.01	23.43	23.07		
100	PI/2 BPSK	135	0	23.02	23.44	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.05	23.41	23.08	24.0	0.0
100	PI/2 BPSK	135	138	23.10	23.40	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.05	23.43	23.16		
100	QPSK	1	1	23.15	23.48	23.20	24.0	0.0
100	QPSK	1	137	23.05	23.36	23.15		
100	QPSK	1	271	22.98	23.37	23.12		
100	QPSK	135	0	23.09	23.43	23.07	24.0	0.0
100	QPSK	135	69	23.13	23.45	23.17	24.0	0.0
100	QPSK	135	138	23.10	23.43	23.13	24.0	0.0
100	QPSK	270	0	23.11	23.43	23.15		
100	16QAM	1	1	23.09	23.35	23.12	24.0	0.0
100	64QAM	1	1	23.06	23.39	23.03	24.0	0.0
100	256QAM	1	1	22.08	22.17	22.05	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.03	23.35	23.15	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.44	23.14	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.41	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.03	23.36	23.16	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.10	23.40	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.33	23.16	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.10	23.31	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.43	23.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.31	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.54	17.74	17.58	19.0	0.0
100	PI/2 BPSK	1	137	17.55	17.68	17.61		
100	PI/2 BPSK	1	271	17.56	17.77	17.60		
100	PI/2 BPSK	135	0	17.53	17.79	17.57	19.0	0.0
100	PI/2 BPSK	135	69	17.60	17.73	17.59	19.0	0.0
100	PI/2 BPSK	135	138	17.55	17.79	17.66	19.0	0.0
100	PI/2 BPSK	270	0	17.59	17.67	17.66		
100	QPSK	1	1	17.68	17.83	17.73	19.0	0.0
100	QPSK	1	137	17.53	17.65	17.56		
100	QPSK	1	271	17.65	17.65	17.57		
100	QPSK	135	0	17.57	17.75	17.58	19.0	0.0
100	QPSK	135	69	17.66	17.80	17.71	19.0	0.0
100	QPSK	135	138	17.63	17.70	17.69	19.0	0.0
100	QPSK	270	0	17.63	17.78	17.68		
100	16QAM	1	1	17.58	17.67	17.65	19.0	0.0
100	64QAM	1	1	17.61	17.71	17.69	19.0	0.0
100	256QAM	1	1	17.58	17.73	17.59	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.59	17.77	17.61	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.53	17.73	17.69	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.61	17.79	17.68	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.56	17.76	17.69	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.64	17.65	17.57	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.53	17.74	17.62	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.51	17.76	17.67	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.65	17.78	17.56	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.63	17.71	17.57	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.35	21.33	21.09	22.0	0.0
100	PI/2 BPSK	1	137	21.27	21.34	21.02		
100	PI/2 BPSK	1	271	21.23	21.34	21.02		
100	PI/2 BPSK	135	0	21.26	21.35	21.01	22.0	0.0
100	PI/2 BPSK	135	69	21.31	21.29	20.95	22.0	0.0
100	PI/2 BPSK	135	138	21.37	21.39	21.01	22.0	0.0
100	PI/2 BPSK	270	0	21.28	21.36	20.99		
100	QPSK	1	1	21.40	21.43	21.13	22.0	0.0
100	QPSK	1	137	21.31	21.30	21.02		
100	QPSK	1	271	21.23	21.26	21.00		
100	QPSK	135	0	21.29	21.30	21.04	22.0	0.0
100	QPSK	135	69	21.38	21.40	21.10	22.0	0.0
100	QPSK	135	138	21.24	21.34	21.00	22.0	0.0
100	QPSK	270	0	21.35	21.38	21.08		
100	16QAM	1	1	21.34	21.33	21.04	22.0	0.0
100	64QAM	1	1	21.37	21.37	20.99	22.0	0.0
100	256QAM	1	1	21.37	21.38	20.97	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.23	21.38	20.97	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.37	21.38	21.03	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.25	21.03	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.33	21.27	21.03	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.27	21.29	20.96	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.34	21.25	20.95	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.37	21.39	20.95	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.37	21.27	21.05	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.37	21.29	21.07	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	19.64	19.79	19.72	20.7	0.0
40	PI/2 BPSK	1	53	19.72	19.70	19.66		
40	PI/2 BPSK	1	104	19.73	19.79	19.70		
40	PI/2 BPSK	50	0	19.65	19.83	19.58	20.7	0.0
40	PI/2 BPSK	50	28	19.72	19.77	19.70	20.7	0.0
40	PI/2 BPSK	50	56	19.70	19.74	19.59	20.7	0.0
40	PI/2 BPSK	100	0	19.61	19.84	19.68		
40	QPSK	1	1	19.78	19.88	19.75	20.7	0.0
40	QPSK	1	53	19.66	19.77	19.71		
40	QPSK	1	104	19.63	19.77	19.64		
40	QPSK	50	0	19.64	19.70	19.58	20.7	0.0
40	QPSK	50	28	19.75	19.85	19.73	20.7	0.0
40	QPSK	50	56	19.63	19.76	19.71	20.7	0.0
40	QPSK	100	0	19.72	19.75	19.70		
40	16QAM	1	1	19.64	19.76	19.65	20.7	0.0
40	64QAM	1	1	19.67	19.70	19.64	20.7	0.0
40	256QAM	1	1	19.68	19.83	19.67	20.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.74	19.76	19.66	20.7	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.65	19.77	19.67	20.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.74	19.75	19.64	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.24	20.17	20.19	22.0	0.0
40	PI/2 BPSK	1	53	20.26	20.22	20.12		
40	PI/2 BPSK	1	104	20.17	20.18	20.20		
40	PI/2 BPSK	50	0	20.18	20.25	20.20	22.0	0.0
40	PI/2 BPSK	50	28	20.16	20.18	20.15	22.0	0.0
40	PI/2 BPSK	50	56	20.26	20.18	20.22	22.0	0.0
40	PI/2 BPSK	100	0	20.26	20.25	20.19		
40	QPSK	1	1	20.33	20.36	20.30	22.0	0.0
40	QPSK	1	53	20.24	20.17	20.21		
40	QPSK	1	104	20.16	20.16	20.12		
40	QPSK	50	0	20.26	20.25	20.11	22.0	0.0
40	QPSK	50	28	20.30	20.31	20.25	22.0	0.0
40	QPSK	50	56	20.17	20.25	20.19	22.0	0.0
40	QPSK	100	0	20.22	20.25	20.20		
40	16QAM	1	1	20.19	20.05	20.10	22.0	0.0
40	64QAM	1	1	18.66	18.60	18.50	20.5	1.5
40	256QAM	1	1	17.02	17.13	16.99	18.5	3.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.26	20.19	20.17	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.26	20.29	20.12	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.28	20.20	20.11	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.94	18.99	18.99	20.5	0.0
40	PI/2 BPSK	1	53	18.94	18.94	18.90		
40	PI/2 BPSK	1	104	19.02	18.96	18.90		
40	PI/2 BPSK	50	0	18.98	18.98	18.99	20.5	0.0
40	PI/2 BPSK	50	28	19.01	18.94	18.97	20.5	0.0
40	PI/2 BPSK	50	56	18.99	18.93	18.97	20.5	0.0
40	PI/2 BPSK	100	0	18.99	19.01	18.95		
40	QPSK	1	1	19.05	19.08	19.02	20.5	0.0
40	QPSK	1	53	18.92	18.99	18.98		
40	QPSK	1	104	18.92	18.92	18.93		
40	QPSK	50	0	18.89	18.96	18.89	20.5	0.0
40	QPSK	50	28	19.03	19.05	19.00	20.5	0.0
40	QPSK	50	56	18.97	18.96	18.96	20.5	0.0
40	QPSK	100	0	19.01	19.03	18.98		
40	16QAM	1	1	18.96	18.94	18.96	20.5	0.0
40	64QAM	1	1	18.89	18.90	18.85	20.5	0.0
40	256QAM	1	1	18.61	18.75	18.60	20.0	0.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.95	18.92	18.94	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.89	19.03	18.99	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.99	18.97	18.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.91	18.04	17.99	19.5	0.0
40	PI/2 BPSK	1	53	18.03	18.10	18.08		
40	PI/2 BPSK	1	104	17.93	17.97	17.94		
40	PI/2 BPSK	50	0	17.91	18.04	18.04	19.5	0.0
40	PI/2 BPSK	50	28	17.96	18.05	18.08	19.5	0.0
40	PI/2 BPSK	50	56	17.96	18.02	17.97	19.5	0.0
40	PI/2 BPSK	100	0	18.00	18.09	17.98		
40	QPSK	1	1	18.13	18.15	18.11	19.5	0.0
40	QPSK	1	53	18.03	18.10	18.00		
40	QPSK	1	104	18.02	18.07	18.03		
40	QPSK	50	0	17.93	18.03	18.03	19.5	0.0
40	QPSK	50	28	18.06	18.11	18.09	19.5	0.0
40	QPSK	50	56	18.05	18.04	18.03	19.5	0.0
40	QPSK	100	0	17.96	18.07	18.04		
40	16QAM	1	1	18.01	17.98	17.96	19.5	0.0
40	64QAM	1	1	17.64	17.78	17.62	19.5	0.0
40	256QAM	1	1	16.27	16.37	16.26	17.5	2.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.12	18.13	17.98	19.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.01	18.06	18.04	19.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.06	18.05	18.10	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.70		19.5	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.66			
100	PI/2 BPSK	135	0		18.72		19.5	0.0
100	PI/2 BPSK	135	69		18.67		19.5	0.0
100	PI/2 BPSK	135	138		18.68		19.5	0.0
100	PI/2 BPSK	270	0		18.68			
100	QPSK	1	1		18.75		19.5	0.0
100	QPSK	1	137		18.67			
100	QPSK	1	271		18.60			
100	QPSK	135	0		18.60		19.5	0.0
100	QPSK	135	69		18.73		19.5	0.0
100	QPSK	135	138		18.61		19.5	0.0
100	QPSK	270	0		18.71			
100	16QAM	1	1		18.70		19.5	0.0
100	64QAM	1	1		18.67		19.5	0.0
100	256QAM	1	1		18.69		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.67	18.60	18.62	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.59	18.60	18.62	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.68	18.70	18.60	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.62	18.69	18.64	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.65	18.66	18.64	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.67	18.63	18.65	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.68	18.63	18.67	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.59	18.68	18.64	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.62	18.60	18.61	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.68	18.70	18.62	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.59	18.66	18.58	19.5	0.0

Part27Q_n77(HPUE)_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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.96		22.5	0.0
100	PI/2 BPSK	1	137		21.99			
100	PI/2 BPSK	1	271		21.85			
100	PI/2 BPSK	135	0		21.98		22.5	0.0
100	PI/2 BPSK	135	69		21.95		22.5	0.0
100	PI/2 BPSK	135	138		21.95		22.5	0.0
100	PI/2 BPSK	270	0		21.99			
100	QPSK	1	1		22.02		22.5	0.0
100	QPSK	1	137		21.86			
100	QPSK	1	271		21.87			
100	QPSK	135	0		21.93		22.5	0.0
100	QPSK	135	69		22.00		22.5	0.0
100	QPSK	135	138		21.93		22.5	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		21.95		22.5	0.0
100	64QAM	1	1		21.94		22.5	0.0
100	256QAM	1	1		21.90		22.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.91	21.89	21.97	22.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.90	21.92	21.85	22.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.91	21.87	21.85	22.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.90	21.97	21.86	22.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.90	21.86	21.95	22.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.99	21.85	21.98	22.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.85	21.96	21.97	22.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.98	21.86	21.91	22.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.85	21.97	21.99	22.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.85	21.97	21.95	22.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.94	21.91	21.90	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.53	18.60	18.59	19.5	0.0
100	PI/2 BPSK	1	137	18.58	18.56	18.56		
100	PI/2 BPSK	1	271	18.50	18.60	18.46		
100	PI/2 BPSK	135	0	18.56	18.62	18.50	19.5	0.0
100	PI/2 BPSK	135	69	18.51	18.64	18.48	19.5	0.0
100	PI/2 BPSK	135	138	18.58	18.59	18.49	19.5	0.0
100	PI/2 BPSK	270	0	18.56	18.55	18.49		
100	QPSK	1	1	18.68	18.73	18.61	19.5	0.0
100	QPSK	1	137	18.51	18.58	18.50		
100	QPSK	1	271	18.56	18.66	18.51		
100	QPSK	135	0	18.62	18.60	18.57	19.5	0.0
100	QPSK	135	69	18.65	18.70	18.60	19.5	0.0
100	QPSK	135	138	18.50	18.67	18.56	19.5	0.0
100	QPSK	270	0	18.63	18.68	18.57		
100	16QAM	1	1	18.59	18.62	18.54	19.5	0.0
100	64QAM	1	1	18.53	18.67	18.58	19.5	0.0
100	256QAM	1	1	18.51	18.58	18.58	19.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.57	18.63	18.48	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.58	18.68	18.46	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.59	18.66	18.48	19.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.64	18.58	18.46	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.64	18.58	18.57	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.52	18.68	18.58	19.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.50	18.61	18.59	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.58	18.58	18.48	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.60	18.65	18.54	19.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.59	18.57	18.56	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.60	18.65	18.49	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				656000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.97	21.91	21.90	22.5	0.0
100	PI/2 BPSK	1	137	21.99	21.97	21.84		
100	PI/2 BPSK	1	271	21.97	21.93	21.88		
100	PI/2 BPSK	135	0	21.85	21.91	21.90	22.5	0.0
100	PI/2 BPSK	135	69	21.85	21.95	21.92	22.5	0.0
100	PI/2 BPSK	135	138	21.98	22.01	21.83	22.5	0.0
100	PI/2 BPSK	270	0	21.93	21.94	21.88		
100	QPSK	1	1	22.03	22.05	21.98	22.5	0.0
100	QPSK	1	137	21.93	21.88	21.92		
100	QPSK	1	271	21.96	22.02	21.91		
100	QPSK	135	0	21.86	21.99	21.93	22.5	0.0
100	QPSK	135	69	22.00	22.03	21.95	22.5	0.0
100	QPSK	135	138	21.92	21.88	21.85	22.5	0.0
100	QPSK	270	0	21.98	22.00	21.93		
100	16QAM	1	1	21.95	21.98	21.81	22.5	0.0
100	64QAM	1	1	21.93	21.90	21.82	22.5	0.0
100	256QAM	1	1	21.99	21.98	21.80	22.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.85	21.89	21.88	22.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.93	21.98	21.81	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.95	21.89	21.87	22.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.91	21.91	21.93	22.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.95	21.99	21.93	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.94	21.94	21.85	22.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.94	21.96	21.93	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.95	21.88	21.88	22.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.87	21.97	21.80	22.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.85	21.97	21.94	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.91	21.95	21.93	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.23		21.0	0.0
100	PI/2 BPSK	1	137		19.33			
100	PI/2 BPSK	1	271		19.31			
100	PI/2 BPSK	135	0		19.20		21.0	0.0
100	PI/2 BPSK	135	69		19.32		21.0	0.0
100	PI/2 BPSK	135	138		19.32		21.0	0.0
100	PI/2 BPSK	270	0		19.26			
100	QPSK	1	1		19.38		21.0	0.0
100	QPSK	1	137		19.21			
100	QPSK	1	271		19.33			
100	QPSK	135	0		19.23		21.0	0.0
100	QPSK	135	69		19.35		21.0	0.0
100	QPSK	135	138		19.32		21.0	0.0
100	QPSK	270	0		19.33			
100	16QAM	1	1		19.27		21.0	0.0
100	64QAM	1	1		19.32		21.0	0.0
100	256QAM	1	1		19.05		20.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.29	19.34	19.34	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	19.22	19.26	19.31	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	19.28	19.23	19.26	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	19.21	19.26	19.27	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	19.26	19.21	19.34	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	19.33	19.26	19.22	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	19.32	19.25	19.23	21.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.26	19.20	19.31	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	19.24	19.32	19.23	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	19.23	19.28	19.23	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	19.23	19.25	19.30	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.68		24.0	0.0
100	PI/2 BPSK	1	137		22.69			
100	PI/2 BPSK	1	271		22.60			
100	PI/2 BPSK	135	0		22.72		24.0	0.0
100	PI/2 BPSK	135	69		22.69		24.0	0.0
100	PI/2 BPSK	135	138		22.60		24.0	0.0
100	PI/2 BPSK	270	0		22.74			
100	QPSK	1	1		22.78		24.0	0.0
100	QPSK	1	137		22.66			
100	QPSK	1	271		22.71			
100	QPSK	135	0		22.71		24.0	0.0
100	QPSK	135	69		22.75		24.0	0.0
100	QPSK	135	138		22.68		24.0	0.0
100	QPSK	270	0		22.74			
100	16QAM	1	1		22.64		24.0	0.0
100	64QAM	1	1		21.42		22.5	1.5
100	256QAM	1	1		19.30		20.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.71	22.69	22.74	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	22.71	22.67	22.65	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	22.74	22.74	22.61	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	22.60	22.68	22.73	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	22.66	22.61	22.60	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	22.66	22.74	22.60	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	22.70	22.74	22.73	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.73	22.72	22.70	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	22.68	22.63	22.64	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	22.62	22.69	22.72	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	22.74	22.67	22.68	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.34	19.36	19.23	21.0	0.0
100	PI/2 BPSK	1	137	19.38	19.39	19.12		
100	PI/2 BPSK	1	271	19.35	19.37	19.11		
100	PI/2 BPSK	135	0	19.25	19.33	19.10	21.0	0.0
100	PI/2 BPSK	135	69	19.36	19.30	19.10	21.0	0.0
100	PI/2 BPSK	135	138	19.29	19.40	19.11	21.0	0.0
100	PI/2 BPSK	270	0	19.25	19.33	19.15		
100	QPSK	1	1	19.43	19.45	19.28	21.0	0.0
100	QPSK	1	137	19.34	19.40	19.11		
100	QPSK	1	271	19.32	19.34	19.21		
100	QPSK	135	0	19.34	19.35	19.14	21.0	0.0
100	QPSK	135	69	19.40	19.43	19.25	21.0	0.0
100	QPSK	135	138	19.36	19.33	19.14	21.0	0.0
100	QPSK	270	0	19.37	19.40	19.23		
100	16QAM	1	1	19.25	19.36	19.21	21.0	0.0
100	64QAM	1	1	19.32	19.33	19.11	21.0	0.0
100	256QAM	1	1	19.12	19.18	19.11	20.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.26	19.32	19.19	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	19.25	19.41	19.19	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.38	19.42	19.18	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	19.29	19.42	19.21	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	19.34	19.33	19.20	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.35	19.31	19.20	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	19.29	19.39	19.22	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.39	19.38	19.22	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	19.39	19.29	19.14	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	19.35	19.42	19.14	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.39	19.41	19.18	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.43	22.48	22.19	24.0	0.0
100	PI/2 BPSK	1	137	22.49	22.46	22.22		
100	PI/2 BPSK	1	271	22.39	22.44	22.22		
100	PI/2 BPSK	135	0	22.44	22.41	22.31	24.0	0.0
100	PI/2 BPSK	135	69	22.44	22.41	22.24	24.0	0.0
100	PI/2 BPSK	135	138	22.44	22.50	22.18	24.0	0.0
100	PI/2 BPSK	270	0	22.41	22.53	22.30		
100	QPSK	1	1	22.55	22.58	22.35	24.0	0.0
100	QPSK	1	137	22.47	22.51	22.30		
100	QPSK	1	271	22.44	22.41	22.25		
100	QPSK	135	0	22.40	22.40	22.26	24.0	0.0
100	QPSK	135	69	22.53	22.55	22.33	24.0	0.0
100	QPSK	135	138	22.38	22.44	22.32	24.0	0.0
100	QPSK	270	0	22.41	22.45	22.18		
100	16QAM	1	1	22.49	22.42	22.25	24.0	0.0
100	64QAM	1	1	21.15	21.25	21.15	22.5	1.5
100	256QAM	1	1	19.01	19.09	18.96	20.5	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.39	22.46	22.18	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.51	22.41	22.30	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.51	22.51	22.25	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.41	22.48	22.19	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.51	22.52	22.22	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.50	22.43	22.23	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.40	22.40	22.22	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.45	22.53	22.26	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.51	22.47	22.27	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.38	22.46	22.27	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.50	22.45	22.18	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.93		19.0	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		17.81			
100	PI/2 BPSK	135	0		17.90		19.0	0.0
100	PI/2 BPSK	135	69		17.87		19.0	0.0
100	PI/2 BPSK	135	138		17.92		19.0	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		17.98		19.0	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.89			
100	QPSK	135	0		17.88		19.0	0.0
100	QPSK	135	69		17.95		19.0	0.0
100	QPSK	135	138		17.83		19.0	0.0
100	QPSK	270	0		17.92			
100	16QAM	1	1		17.80		19.0	0.0
100	64QAM	1	1		17.81		19.0	0.0
100	256QAM	1	1		17.84		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.92	17.92	17.88	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	17.80	17.83	17.88	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	17.87	17.82	17.83	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	17.83	17.90	17.91	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	17.92	17.88	17.88	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	17.88	17.94	17.86	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	17.87	17.85	17.92	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.91	17.90	17.87	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	17.93	17.89	17.81	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	17.83	17.85	17.90	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	17.93	17.93	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.25		22.0	0.0
100	PI/2 BPSK	1	137		21.25			
100	PI/2 BPSK	1	271		21.19			
100	PI/2 BPSK	135	0		21.29		22.0	0.0
100	PI/2 BPSK	135	69		21.20		22.0	0.0
100	PI/2 BPSK	135	138		21.15		22.0	0.0
100	PI/2 BPSK	270	0		21.15			
100	QPSK	1	1		21.32		22.0	0.0
100	QPSK	1	137		21.29			
100	QPSK	1	271		21.29			
100	QPSK	135	0		21.29		22.0	0.0
100	QPSK	135	69		21.30		22.0	0.0
100	QPSK	135	138		21.23		22.0	0.0
100	QPSK	270	0		21.27			
100	16QAM	1	1		21.29		22.0	0.0
100	64QAM	1	1		21.22		22.0	0.0
100	256QAM	1	1		20.85		21.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.29	21.28	21.19	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	21.18	21.27	21.25	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	21.25	21.26	21.18	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	21.16	21.24	21.20	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	21.17	21.19	21.20	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	21.22	21.17	21.29	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	21.28	21.21	21.29	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.21	21.23	21.20	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	21.17	21.23	21.17	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	21.19	21.22	21.24	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	21.23	21.29	21.25	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.92	18.00	17.95	19.0	0.0
100	PI/2 BPSK	1	137	18.00	17.95	18.01		
100	PI/2 BPSK	1	271	17.99	18.02	17.93		
100	PI/2 BPSK	135	0	17.96	18.04	17.95	19.0	0.0
100	PI/2 BPSK	135	69	17.99	18.00	17.98	19.0	0.0
100	PI/2 BPSK	135	138	18.00	17.96	18.00	19.0	0.0
100	PI/2 BPSK	270	0	17.95	17.94	17.97		
100	QPSK	1	1	18.06	18.10	18.03	19.0	0.0
100	QPSK	1	137	17.96	18.06	17.93		
100	QPSK	1	271	18.01	17.99	17.98		
100	QPSK	135	0	17.99	17.95	17.89	19.0	0.0
100	QPSK	135	69	18.03	18.08	18.02	19.0	0.0
100	QPSK	135	138	17.90	17.93	17.92	19.0	0.0
100	QPSK	270	0	18.01	18.05	18.00		
100	16QAM	1	1	17.91	18.07	17.87	19.0	0.0
100	64QAM	1	1	17.88	18.00	17.97	19.0	0.0
100	256QAM	1	1	17.90	18.06	17.87	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.95	18.00	17.97	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.98	18.04	17.93	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.98	18.00	17.97	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.01	17.95	17.94	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.95	18.03	17.88	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.95	17.94	18.00	19.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.93	18.06	17.92	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.91	17.98	17.98	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.91	17.93	17.94	19.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.94	18.01	17.97	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.96	17.94	17.90	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				660000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.18	21.32	21.13		
100	PI/2 BPSK	1	137	21.28	21.34	21.24	22.0	0.0
100	PI/2 BPSK	1	271	21.19	21.20	21.20		
100	PI/2 BPSK	135	0	21.17	21.34	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.27	21.26	21.20	22.0	0.0
100	PI/2 BPSK	135	138	21.24	21.28	21.16	22.0	0.0
100	PI/2 BPSK	270	0	21.24	21.32	21.15		
100	QPSK	1	1	21.33	21.38	21.28		
100	QPSK	1	137	21.27	21.30	21.18	22.0	0.0
100	QPSK	1	271	21.27	21.26	21.16		
100	QPSK	135	0	21.15	21.31	21.15	22.0	0.0
100	QPSK	135	69	21.30	21.35	21.25	22.0	0.0
100	QPSK	135	138	21.21	21.22	21.22	22.0	0.0
100	QPSK	270	0	21.28	21.33	21.23		
100	16QAM	1	1	21.15	21.32	21.14	22.0	0.0
100	64QAM	1	1	21.27	21.28	21.12	22.0	0.0
100	256QAM	1	1	20.67	20.78	20.63	21.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.25	21.20	21.20	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	21.25	21.26	21.22	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.26	21.33	21.14	22.0	0.0
Channel				649668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.20	21.34	21.23	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	21.17	21.28	21.21	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.29	21.31	21.11	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	21.18	21.27	21.22	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.25	21.31	21.17	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	21.20	21.34	21.20	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	21.18	21.30	21.20	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.16	21.23	21.19	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.50			
100	PI/2 BPSK	1	137		14.59		16.0	0.0
100	PI/2 BPSK	1	271		14.56			
100	PI/2 BPSK	135	0		14.55		16.0	0.0
100	PI/2 BPSK	135	69		14.53		16.0	0.0
100	PI/2 BPSK	135	138		14.56		16.0	0.0
100	PI/2 BPSK	270	0		14.60			
100	QPSK	1	1		14.63			
100	QPSK	1	137		14.51		16.0	0.0
100	QPSK	1	271		14.52			
100	QPSK	135	0		14.56		16.0	0.0
100	QPSK	135	69		14.61		16.0	0.0
100	QPSK	135	138		14.53		16.0	0.0
100	QPSK	270	0		14.60			
100	16QAM	1	1		14.48		16.0	0.0
100	64QAM	1	1		14.52		16.0	0.0
100	256QAM	1	1		14.60		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.51	14.57	14.55	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.49	14.47	14.50	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.60	14.59	14.51	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.49	14.49	14.58	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.51	14.47	14.49	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.46	14.54	14.59	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.48	14.60	14.59	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.59	14.59	14.56	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.49	14.46	14.58	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.57	14.52	14.60	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.60	14.56	14.59	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.99			
100	PI/2 BPSK	1	137		17.93		19.0	0.0
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.02		19.0	0.0
100	PI/2 BPSK	135	69		17.91		19.0	0.0
100	PI/2 BPSK	135	138		17.91		19.0	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.08			
100	QPSK	1	137		17.95		19.0	0.0
100	QPSK	1	271		17.95			
100	QPSK	135	0		17.93		19.0	0.0
100	QPSK	135	69		18.05		19.0	0.0
100	QPSK	135	138		18.01		19.0	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.92		19.0	0.0
100	64QAM	1	1		17.98		19.0	0.0
100	256QAM	1	1		17.90		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.02	17.93	18.00	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	18.00	17.98	17.98	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	17.94	17.93	17.95	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	17.90	17.94	17.99	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	17.93	18.01	18.03	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	17.98	17.97	18.03	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	18.00	18.04	17.92	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.01	17.92	17.91	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	17.96	17.98	17.97	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	18.00	18.00	18.04	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	17.91	18.03	18.02	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.25	14.41	14.12	16.0	0.0
100	PI/2 BPSK	1	137	14.25	14.28	14.17		
100	PI/2 BPSK	1	271	14.33	14.41	14.12		
100	PI/2 BPSK	135	0	14.25	14.37	14.21	16.0	0.0
100	PI/2 BPSK	135	69	14.31	14.32	14.21	16.0	0.0
100	PI/2 BPSK	135	138	14.37	14.42	14.21	16.0	0.0
100	PI/2 BPSK	270	0	14.29	14.42	14.19		
100	QPSK	1	1	14.42	14.45	14.28	16.0	0.0
100	QPSK	1	137	14.25	14.32	14.17		
100	QPSK	1	271	14.33	14.39	14.13		
100	QPSK	135	0	14.38	14.28	14.21	16.0	0.0
100	QPSK	135	69	14.40	14.43	14.25	16.0	0.0
100	QPSK	135	138	14.26	14.38	14.13	16.0	0.0
100	QPSK	270	0	14.38	14.41	14.23		
100	16QAM	1	1	14.36	14.34	14.23	16.0	0.0
100	64QAM	1	1	14.25	14.37	14.12	16.0	0.0
100	256QAM	1	1	14.35	14.34	14.20	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.37	14.38	14.24	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.39	14.39	14.17	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.25	14.29	14.20	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.38	14.41	14.13	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.29	14.35	14.13	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.30	14.38	14.11	16.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.35	14.28	14.15	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.34	14.28	14.22	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.25	14.36	14.17	16.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.34	14.40	14.19	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.38	14.29	14.24	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.82	17.71	17.51	19.0	0.0
100	PI/2 BPSK	1	137	17.82	17.83	17.51		
100	PI/2 BPSK	1	271	17.74	17.75	17.47		
100	PI/2 BPSK	135	0	17.73	17.82	17.44	19.0	0.0
100	PI/2 BPSK	135	69	17.76	17.78	17.55	19.0	0.0
100	PI/2 BPSK	135	138	17.69	17.73	17.52	19.0	0.0
100	PI/2 BPSK	270	0	17.69	17.81	17.53		
100	QPSK	1	1	17.85	17.88	17.58	19.0	0.0
100	QPSK	1	137	17.73	17.78	17.44		
100	QPSK	1	271	17.78	17.73	17.49		
100	QPSK	135	0	17.68	17.82	17.46	19.0	0.0
100	QPSK	135	69	17.83	17.85	17.56	19.0	0.0
100	QPSK	135	138	17.72	17.73	17.55	19.0	0.0
100	QPSK	270	0	17.81	17.83	17.53		
100	16QAM	1	1	17.75	17.79	17.46	19.0	0.0
100	64QAM	1	1	17.82	17.77	17.44	19.0	0.0
100	256QAM	1	1	17.73	17.73	17.41	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.79	17.75	17.50	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.77	17.73	17.46	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.74	17.72	17.41	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.72	17.76	17.44	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.76	17.71	17.53	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.82	17.80	17.44	19.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.74	17.77	17.46	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.78	17.77	17.47	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.73	17.81	17.45	19.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.78	17.84	17.49	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.78	17.81	17.42	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.13		20.0	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		19.17			
100	PI/2 BPSK	135	0		19.13		20.0	0.0
100	PI/2 BPSK	135	69		19.17		20.0	0.0
100	PI/2 BPSK	135	138		19.09		20.0	0.0
100	PI/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.23		20.0	0.0
100	QPSK	1	137		19.10			
100	QPSK	1	271		19.18			
100	QPSK	135	0		19.11		20.0	0.0
100	QPSK	135	69		19.20		20.0	0.0
100	QPSK	135	138		19.07		20.0	0.0
100	QPSK	270	0		19.18			
100	16QAM	1	1		19.16		20.0	0.0
100	64QAM	1	1		19.16		20.0	0.0
100	256QAM	1	1		19.09		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.08	19.15	19.05	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.05	19.06	19.17	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.05	19.14	19.14	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.15	19.06	19.17	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.10	19.15	19.13	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.10	19.10	19.08	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.05	19.17	19.05	20.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.18	19.13	19.16	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.10	19.09	19.11	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.13	19.16	19.17	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.08	19.18	19.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.56		23.0	0.0
100	PI/2 BPSK	1	137		22.57			
100	PI/2 BPSK	1	271		22.52			
100	PI/2 BPSK	135	0		22.57		23.0	0.0
100	PI/2 BPSK	135	69		22.57		23.0	0.0
100	PI/2 BPSK	135	138		22.55		23.0	0.0
100	PI/2 BPSK	270	0		22.53			
100	QPSK	1	1		22.68		23.0	0.0
100	QPSK	1	137		22.56			
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.54		23.0	0.0
100	QPSK	135	69		22.65		23.0	0.0
100	QPSK	135	138		22.63		23.0	0.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.50		23.0	0.0
100	64QAM	1	1		22.62		23.0	0.0
100	256QAM	1	1		22.56		23.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.62	22.64	22.58	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	22.51	22.51	22.53	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	22.50	22.50	22.50	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	22.58	22.57	22.64	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	22.50	22.60	22.52	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	22.64	22.52	22.58	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	22.54	22.57	22.51	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.54	22.54	22.52	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	22.52	22.57	22.53	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	22.57	22.59	22.61	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	22.63	22.53	22.53	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.02		20.0	0.0
100	PI/2 BPSK	1	137		19.08			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.12		20.0	0.0
100	PI/2 BPSK	135	69		19.08		20.0	0.0
100	PI/2 BPSK	135	138		19.10		20.0	0.0
100	PI/2 BPSK	270	0		19.09			
100	QPSK	1	1		19.18		20.0	0.0
100	QPSK	1	137		19.09			
100	QPSK	1	271		19.09			
100	QPSK	135	0		19.13		20.0	0.0
100	QPSK	135	69		19.15		20.0	0.0
100	QPSK	135	138		19.14		20.0	0.0
100	QPSK	270	0		19.13			
100	16QAM	1	1		19.08		20.0	0.0
100	64QAM	1	1		19.09		20.0	0.0
100	256QAM	1	1		19.13		20.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.02	19.00	19.00	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.00	19.11	19.11	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.11	19.14	19.08	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.13	19.12	19.03	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.05	19.05	19.01	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.14	19.01	19.07	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.11	19.11	19.10	20.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.13	19.14	19.13	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.05	19.09	19.00	20.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.05	19.10	19.12	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.13	19.08	19.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.49		23.0	0.0
100	PI/2 BPSK	1	137		22.53			
100	PI/2 BPSK	1	271		22.46			
100	PI/2 BPSK	135	0		22.53		23.0	0.0
100	PI/2 BPSK	135	69		22.52		23.0	0.0
100	PI/2 BPSK	135	138		22.46		23.0	0.0
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		22.63		23.0	0.0
100	QPSK	1	137		22.47			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.50		23.0	0.0
100	QPSK	135	69		22.61		23.0	0.0
100	QPSK	135	138		22.55		23.0	0.0
100	QPSK	270	0		22.60			
100	16QAM	1	1		22.55		23.0	0.0
100	64QAM	1	1		22.53		23.0	0.0
100	256QAM	1	1		22.55		23.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.53	22.53	22.59	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	22.56	22.55	22.56	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.57	22.58	22.60	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	22.49	22.50	22.59	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	22.59	22.60	22.55	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.60	22.49	22.50	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	22.60	22.47	22.56	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.51	22.51	22.52	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	22.52	22.49	22.48	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	22.53	22.58	22.50	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.46	22.58	22.50	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.99		20.0	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		19.03		20.0	0.0
100	PI/2 BPSK	135	69		18.99		20.0	0.0
100	PI/2 BPSK	135	138		19.05		20.0	0.0
100	PI/2 BPSK	270	0		18.98			
100	QPSK	1	1		19.12		20.0	0.0
100	QPSK	1	137		19.04			
100	QPSK	1	271		19.06			
100	QPSK	135	0		19.09		20.0	0.0
100	QPSK	135	69		19.10		20.0	0.0
100	QPSK	135	138		18.96		20.0	0.0
100	QPSK	270	0		19.08			
100	16QAM	1	1		18.98		20.0	0.0
100	64QAM	1	1		19.02		20.0	0.0
100	256QAM	1	1		19.02		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.02	19.04	19.09	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.05	19.03	19.02	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.07	19.02	19.01	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.01	19.02	19.06	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.95	18.98	18.96	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.97	19.00	18.97	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.01	18.97	19.09	20.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.97	19.03	19.00	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.07	19.06	19.02	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.07	19.09	19.06	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.98	18.98	18.98	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.88		23.0	0.0
100	PI/2 BPSK	1	137		21.91			
100	PI/2 BPSK	1	271		21.84			
100	PI/2 BPSK	135	0		21.86		23.0	0.0
100	PI/2 BPSK	135	69		21.84		23.0	0.0
100	PI/2 BPSK	135	138		21.86		23.0	0.0
100	PI/2 BPSK	270	0		21.81			
100	QPSK	1	1		21.98		23.0	0.0
100	QPSK	1	137		21.86			
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.94		23.0	0.0
100	QPSK	135	69		21.96		23.0	0.0
100	QPSK	135	138		21.86		23.0	0.0
100	QPSK	270	0		21.92			
100	16QAM	1	1		21.83		23.0	0.0
100	64QAM	1	1		21.90		23.0	0.0
100	256QAM	1	1		21.82		23.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.86	21.90	21.95	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	21.88	21.94	21.88	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	21.83	21.93	21.90	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	21.94	21.87	21.85	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	21.89	21.93	21.90	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	21.90	21.86	21.89	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	21.88	21.85	21.94	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.88	21.87	21.95	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	21.91	21.89	21.84	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	21.81	21.81	21.82	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	21.82	21.86	21.84	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.94		20.0	0.0
100	PI/2 BPSK	1	137		18.93			
100	PI/2 BPSK	1	271		19.01			
100	PI/2 BPSK	135	0		19.03		20.0	0.0
100	PI/2 BPSK	135	69		18.93		20.0	0.0
100	PI/2 BPSK	135	138		18.95		20.0	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		19.08		20.0	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.03			
100	QPSK	135	0		18.91		20.0	0.0
100	QPSK	135	69		19.06		20.0	0.0
100	QPSK	135	138		19.02		20.0	0.0
100	QPSK	270	0		19.03			
100	16QAM	1	1		18.95		20.0	0.0
100	64QAM	1	1		18.92		20.0	0.0
100	256QAM	1	1		19.01		20.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.00	19.04	19.01	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.04	19.02	18.98	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.03	19.05	18.93	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.95	18.98	19.03	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.01	18.94	18.98	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.91	18.91	19.03	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.05	19.02	19.02	20.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.92	18.96	18.94	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.02	18.95	18.95	20.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.91	18.96	18.93	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.03	19.00	19.05	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.95		23.0	0.0
100	PI/2 BPSK	1	137		21.90			
100	PI/2 BPSK	1	271		21.96			
100	PI/2 BPSK	135	0		21.86		23.0	0.0
100	PI/2 BPSK	135	69		21.96		23.0	0.0
100	PI/2 BPSK	135	138		21.93		23.0	0.0
100	PI/2 BPSK	270	0		21.92			
100	QPSK	1	1		22.02		23.0	0.0
100	QPSK	1	137		21.95			
100	QPSK	1	271		21.86			
100	QPSK	135	0		21.89		23.0	0.0
100	QPSK	135	69		22.00		23.0	0.0
100	QPSK	135	138		21.90		23.0	0.0
100	QPSK	270	0		21.98			
100	16QAM	1	1		21.93		23.0	0.0
100	64QAM	1	1		21.89		23.0	0.0
100	256QAM	1	1		21.85		23.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.98	21.92	21.88	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	21.96	21.93	21.95	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.90	21.85	21.96	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	21.97	21.92	21.91	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	21.99	21.85	21.86	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.91	21.97	21.87	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	21.87	21.89	21.85	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.85	21.92	21.99	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	21.96	21.94	21.95	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	21.86	21.98	21.99	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.95	21.91	21.86	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.07		18.5	0.0
100	PI/2 BPSK	1	137		17.02			
100	PI/2 BPSK	1	271		17.08			
100	PI/2 BPSK	135	0		16.98		18.5	0.0
100	PI/2 BPSK	135	69		17.03		18.5	0.0
100	PI/2 BPSK	135	138		17.04		18.5	0.0
100	PI/2 BPSK	270	0		17.01			
100	QPSK	1	1		17.12		18.5	0.0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.97		18.5	0.0
100	QPSK	135	69		17.10		18.5	0.0
100	QPSK	135	138		16.98		18.5	0.0
100	QPSK	270	0		17.08			
100	16QAM	1	1		17.00		18.5	0.0
100	64QAM	1	1		16.95		18.5	0.0
100	256QAM	1	1		17.02		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	17.06	17.04	17.09	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	16.98	17.08	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	16.95	17.09	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	16.96	16.97	16.99	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	16.98	17.07	16.99	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	17.02	16.99	17.08	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	17.03	17.02	17.07	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.96	17.05	17.01	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	16.97	16.96	17.08	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	16.97	16.96	17.07	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	16.96	17.03	17.04	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.60		21.5	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.66			
100	PI/2 BPSK	135	0		20.68		21.5	0.0
100	PI/2 BPSK	135	69		20.67		21.5	0.0
100	PI/2 BPSK	135	138		20.60		21.5	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.73		21.5	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.64			
100	QPSK	135	0		20.66		21.5	0.0
100	QPSK	135	69		20.71		21.5	0.0
100	QPSK	135	138		20.62		21.5	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.58		21.5	0.0
100	64QAM	1	1		20.66		21.5	0.0
100	256QAM	1	1		20.60		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.65	20.60	20.63	21.5	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	20.57	20.59	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.63	20.69	20.66	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.57	20.58	20.61	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.70	20.69	20.64	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.58	20.56	20.66	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.63	20.59	20.64	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.69	20.59	20.67	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.65	20.66	20.63	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.60	20.61	20.67	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.60	20.66	20.57	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.91		18.5	0.0
100	PI/2 BPSK	1	137		16.93			
100	PI/2 BPSK	1	271		16.85			
100	PI/2 BPSK	135	0		16.87		18.5	0.0
100	PI/2 BPSK	135	69		16.87		18.5	0.0
100	PI/2 BPSK	135	138		16.91		18.5	0.0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.02		18.5	0.0
100	QPSK	1	137		16.97			
100	QPSK	1	271		16.96			
100	QPSK	135	0		16.90		18.5	0.0
100	QPSK	135	69		17.00		18.5	0.0
100	QPSK	135	138		16.96		18.5	0.0
100	QPSK	270	0		16.98			
100	16QAM	1	1		16.91		18.5	0.0
100	64QAM	1	1		16.87		18.5	0.0
100	256QAM	1	1		16.93		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	16.97	16.96	16.89	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	16.88	16.98	16.94	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.89	16.98	16.88	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	16.99	16.92	16.91	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	16.85	16.97	16.87	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.93	16.96	16.88	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	16.86	16.96	16.92	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.90	16.95	16.87	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	16.96	16.90	16.93	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	16.95	16.94	16.85	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.97	16.92	16.96	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.61		21.5	0.0
100	PI/2 BPSK	1	137		20.57			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.53		21.5	0.0
100	PI/2 BPSK	135	69		20.61		21.5	0.0
100	PI/2 BPSK	135	138		20.62		21.5	0.0
100	PI/2 BPSK	270	0		20.51			
100	QPSK	1	1		20.67		21.5	0.0
100	QPSK	1	137		20.52			
100	QPSK	1	271		20.59			
100	QPSK	135	0		20.64		21.5	0.0
100	QPSK	135	69		20.65		21.5	0.0
100	QPSK	135	138		20.55		21.5	0.0
100	QPSK	270	0		20.63			
100	16QAM	1	1		20.53		21.5	0.0
100	64QAM	1	1		20.57		21.5	0.0
100	256QAM	1	1		20.61		21.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.58	20.55	20.54	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.63	20.57	20.52	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.50	20.54	20.53	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.52	20.57	20.60	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.52	20.63	20.60	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.56	20.52	20.55	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.58	20.52	20.60	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.54	20.56	20.58	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.63	20.53	20.52	21.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.50	20.55	20.57	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.55	20.58	20.53	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.19		16.5	0.0
100	PI/2 BPSK	1	137		15.11			
100	PI/2 BPSK	1	271		15.16			
100	PI/2 BPSK	135	0		15.08		16.5	0.0
100	PI/2 BPSK	135	69		15.17		16.5	0.0
100	PI/2 BPSK	135	138		15.19		16.5	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.22		16.5	0.0
100	QPSK	1	137		15.13			
100	QPSK	1	271		15.07			
100	QPSK	135	0		15.08		16.5	0.0
100	QPSK	135	69		15.20		16.5	0.0
100	QPSK	135	138		15.15		16.5	0.0
100	QPSK	270	0		15.17			
100	16QAM	1	1		15.06		16.5	0.0
100	64QAM	1	1		15.05		16.5	0.0
100	256QAM	1	1		15.06		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	15.06	15.09	15.07	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	15.09	15.08	15.05	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	15.05	15.17	15.08	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	15.09	15.11	15.07	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	15.08	15.11	15.06	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	15.07	15.08	15.18	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	15.17	15.14	15.13	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.12	15.08	15.06	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	15.07	15.16	15.15	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	15.15	15.10	15.07	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	15.06	15.11	15.19	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.17		19.5	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.20			
100	PI/2 BPSK	135	0		18.17		19.5	0.0
100	PI/2 BPSK	135	69		18.21		19.5	0.0
100	PI/2 BPSK	135	138		18.20		19.5	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.13			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.22		19.5	0.0
100	QPSK	135	69		18.26		19.5	0.0
100	QPSK	135	138		18.25		19.5	0.0
100	QPSK	270	0		18.23			
100	16QAM	1	1		18.24		19.5	0.0
100	64QAM	1	1		18.22		19.5	0.0
100	256QAM	1	1		18.24		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.21	18.14	18.23	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.19	18.17	18.14	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.11	18.15	18.17	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.11	18.20	18.11	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.20	18.25	18.20	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.19	18.20	18.24	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.11	18.23	18.14	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.16	18.23	18.11	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.20	18.17	18.18	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.14	18.18	18.21	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.12	18.18	18.14	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.12		16.5	0.0
100	PI/2 BPSK	1	137		15.15			
100	PI/2 BPSK	1	271		15.02			
100	PI/2 BPSK	135	0		15.04		16.5	0.0
100	PI/2 BPSK	135	69		15.07		16.5	0.0
100	PI/2 BPSK	135	138		15.02		16.5	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.18		16.5	0.0
100	QPSK	1	137		15.07			
100	QPSK	1	271		15.05			
100	QPSK	135	0		15.15		16.5	0.0
100	QPSK	135	69		15.16		16.5	0.0
100	QPSK	135	138		15.09		16.5	0.0
100	QPSK	270	0		15.14			
100	16QAM	1	1		15.15		16.5	0.0
100	64QAM	1	1		15.08		16.5	0.0
100	256QAM	1	1		15.07		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.07	15.13	15.12	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.15	15.14	15.06	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.08	15.13	15.10	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.08	15.02	15.04	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.11	15.02	15.10	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.08	15.06	15.14	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.08	15.13	15.10	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.14	15.10	15.15	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.04	15.02	15.07	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.08	15.01	15.12	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.04	15.08	15.09	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.03		19.5	0.0
100	PI/2 BPSK	1	137		18.04			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.10		19.5	0.0
100	PI/2 BPSK	135	69		18.00		19.5	0.0
100	PI/2 BPSK	135	138		18.00		19.5	0.0
100	PI/2 BPSK	270	0		18.12			
100	QPSK	1	1		18.15		19.5	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.11			
100	QPSK	135	0		18.04		19.5	0.0
100	QPSK	135	69		18.13		19.5	0.0
100	QPSK	135	138		18.09		19.5	0.0
100	QPSK	270	0		18.11			
100	16QAM	1	1		18.04		19.5	0.0
100	64QAM	1	1		18.02		19.5	0.0
100	256QAM	1	1		18.03		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.09	18.09	18.10	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.09	18.11	18.08	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.98	18.07	18.04	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.05	18.02	18.10	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.11	18.02	18.09	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.07	18.11	18.04	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.10	18.03	18.00	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.07	18.12	17.98	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.12	18.12	18.02	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	17.98	18.08	17.99	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.08	18.05	18.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.71	23.84	23.69	25.0	0.0
20	PI/2 BPSK	1	53	23.53	23.69	23.63		
20	PI/2 BPSK	1	104	23.73	23.85	23.70		
20	PI/2 BPSK	50	0	23.13	23.18	23.08	24.5	0.5
20	PI/2 BPSK	50	28	23.54	23.69	23.64	25.0	0.0
20	PI/2 BPSK	50	56	23.04	23.13	23.08	24.5	0.5
20	PI/2 BPSK	100	0	23.03	23.16	23.06		
20	QPSK	1	1	23.92	23.96	23.93	25.0	0.0
20	QPSK	1	53	23.80	23.83	23.66		
20	QPSK	1	104	23.89	23.82	23.91		
20	QPSK	50	0	22.74	22.74	22.69	24.0	1.0
20	QPSK	50	28	23.59	23.65	23.48	25.0	0.0
20	QPSK	50	56	22.78	22.67	22.67	24.0	1.0
20	QPSK	100	0	22.74	22.75	22.68		
20	16QAM	1	1	22.50	22.64	22.48	24.0	1.0
20	64QAM	1	1	21.10	21.18	21.03	22.5	2.5
20	256QAM	1	1	19.61	19.74	19.60	20.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.75	23.81	23.67	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.72	23.85	23.63	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.73	23.91	23.69	25.0	0.0

Reduced Power Mode for ECI4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.88	22.76	24.5	0.0
20	PI/2 BPSK	1	53	22.51	22.67	22.57		
20	PI/2 BPSK	1	104	22.76	22.85	22.76		
20	PI/2 BPSK	50	0	22.06	22.20	22.07	24.0	0.5
20	PI/2 BPSK	50	28	22.59	22.68	22.57	24.5	0.0
20	PI/2 BPSK	50	56	22.10	22.15	22.01	24.0	0.5
20	PI/2 BPSK	100	0	22.07	22.16	22.04		
20	QPSK	1	1	22.95	23.00	22.98	24.5	0.0
20	QPSK	1	53	22.88	22.83	22.75		
20	QPSK	1	104	22.92	22.89	22.95		
20	QPSK	50	0	21.78	21.75	21.73	23.5	1.0
20	QPSK	50	28	22.82	22.65	22.53	24.5	0.0
20	QPSK	50	56	21.77	21.69	21.74	23.5	1.0
20	QPSK	100	0	21.74	21.80	21.77		
20	16QAM	1	1	21.53	21.69	21.62	23.5	1.0
20	64QAM	1	1	20.03	20.16	20.01	22.0	2.5
20	256QAM	1	1	18.59	18.71	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.79	22.85	22.71	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.84	22.72	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.80	22.79	22.69	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.30	22.49	22.44	24.0	0.0
20	PI/2 BPSK	1	53	22.20	22.48	22.44		
20	PI/2 BPSK	1	104	22.23	22.54	22.51		
20	PI/2 BPSK	50	0	22.29	22.46	22.42	24.0	0.0
20	PI/2 BPSK	50	28	22.34	22.46	22.40	24.0	0.0
20	PI/2 BPSK	50	56	22.25	22.50	22.45	24.0	0.0
20	PI/2 BPSK	100	0	22.20	22.47	22.47		
20	QPSK	1	1	22.43	22.58	22.56	24.0	0.0
20	QPSK	1	53	22.31	22.48	22.43		
20	QPSK	1	104	22.24	22.50	22.50		
20	QPSK	50	0	22.30	22.51	22.43	24.0	0.0
20	QPSK	50	28	22.36	22.56	22.53	24.0	0.0
20	QPSK	50	56	22.20	22.42	22.43	24.0	0.0
20	QPSK	100	0	22.28	22.31	22.29		
20	16QAM	1	1	22.05	22.21	22.10	24.0	0.0
20	64QAM	1	1	20.63	20.77	20.61	22.5	1.5
20	256QAM	1	1	19.29	19.36	19.22	20.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.32	22.49	22.44	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.30	22.51	22.40	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.21	22.52	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.02	23.15	23.05	24.5	0.0
20	PI/2 BPSK	1	53	23.07	23.17	23.12		
20	PI/2 BPSK	1	104	23.31	23.32	23.35		
20	PI/2 BPSK	50	0	22.51	22.63	22.56	24.0	0.5
20	PI/2 BPSK	50	28	23.02	23.10	22.94	24.5	0.0
20	PI/2 BPSK	50	56	22.42	22.53	22.44	24.0	0.5
20	PI/2 BPSK	100	0	22.52	22.57	22.49		
20	QPSK	1	1	23.26	23.40	23.38	24.5	0.0
20	QPSK	1	53	23.15	23.23	23.18		
20	QPSK	1	104	23.25	23.35	23.35		
20	QPSK	50	0	22.14	22.18	22.16	23.5	1.0
20	QPSK	50	28	22.97	22.99	22.96	24.5	0.0
20	QPSK	50	56	22.18	22.10	22.16	23.5	1.0
20	QPSK	100	0	22.13	22.20	22.18		
20	16QAM	1	1	21.89	22.05	21.93	23.5	1.0
20	64QAM	1	1	20.39	20.54	20.38	22.0	2.5
20	256QAM	1	1	19.07	19.15	19.05	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.91	23.04	23.00	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.89	23.01	22.95	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.88	23.07	22.91	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.97	25.03	24.93	25.7	0.0
20	PI/2 BPSK	1	53	24.91	25.03	24.91		
20	PI/2 BPSK	1	104	24.86	24.92	24.82		
20	PI/2 BPSK	50	0	24.40	24.54	24.43	25.2	0.5
20	PI/2 BPSK	50	28	24.98	25.03	24.87	25.7	0.0
20	PI/2 BPSK	50	56	24.37	24.44	24.33	25.2	0.5
20	PI/2 BPSK	100	0	24.37	24.51	24.36		
20	QPSK	1	1	25.22	25.25	25.15	25.7	0.0
20	QPSK	1	53	25.20	25.12	25.12		
20	QPSK	1	104	25.08	25.04	25.00		
20	QPSK	50	0	23.92	24.01	23.86	24.7	1.0
20	QPSK	50	28	25.01	25.09	24.98	25.7	0.0
20	QPSK	50	56	23.78	23.94	23.85	24.7	1.0
20	QPSK	100	0	23.88	24.01	23.94		
20	16QAM	1	1	23.60	23.70	23.56	24.7	1.0
20	64QAM	1	1	22.17	22.24	22.17	23.2	2.5
20	256QAM	1	1	20.65	20.78	20.66	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.90	24.93	24.88	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.84	24.98	24.78	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	24.98	24.86	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.01	24.16	24.00	25.5	0.0
20	PI/2 BPSK	1	53	24.03	24.15	23.99		
20	PI/2 BPSK	1	104	23.92	24.06	24.00		
20	PI/2 BPSK	50	0	23.55	23.67	23.57	25.0	0.5
20	PI/2 BPSK	50	28	24.04	24.20	24.14	25.5	0.0
20	PI/2 BPSK	50	56	23.52	23.57	23.43	25.0	0.5
20	PI/2 BPSK	100	0	23.52	23.66	23.55		
20	QPSK	1	1	24.27	24.31	24.20	25.5	0.0
20	QPSK	1	53	24.10	24.30	24.12		
20	QPSK	1	104	24.08	24.19	24.01		
20	QPSK	50	0	23.12	23.18	23.12	24.5	1.0
20	QPSK	50	28	24.08	24.16	24.01	25.5	0.0
20	QPSK	50	56	22.92	23.08	22.98	24.5	1.0
20	QPSK	100	0	23.00	23.16	23.09		
20	16QAM	1	1	22.76	22.88	22.74	24.5	1.0
20	64QAM	1	1	21.39	21.46	21.41	23.0	2.5
20	256QAM	1	1	19.90	19.96	19.81	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.91	24.08	23.90	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.96	24.10	23.93	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.88	24.09	23.84	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.81	24.67	24.75	25.7	0.0
50	PI/2 BPSK	1	135	24.79	24.64	24.68		
50	PI/2 BPSK	1	268	24.77	24.65	24.70		
50	PI/2 BPSK	135	0	24.39	24.29	24.23	25.2	0.5
50	PI/2 BPSK	135	68	24.91	24.77	24.84	25.7	0.0
50	PI/2 BPSK	135	135	24.39	24.24	24.29	25.2	0.5
50	PI/2 BPSK	270	0	24.24	24.18	24.10		
50	QPSK	1	1	24.92	25.23	25.00	25.7	0.0
50	QPSK	1	135	24.90	25.08	24.82		
50	QPSK	1	268	24.87	24.76	24.95		
50	QPSK	135	0	23.78	24.26	23.84	24.7	1.0
50	QPSK	135	68	24.85	24.95	24.83	25.7	0.0
50	QPSK	135	135	23.79	24.21	23.75	24.7	1.0
50	QPSK	270	0	23.75	24.24	23.76		
50	16QAM	1	1	23.49	23.40	23.44	24.7	1.0
50	64QAM	1	1	22.04	21.99	21.89	23.2	2.5
50	256QAM	1	1	20.64	20.59	20.52	21.2	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.11	24.75	24.92	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.16	24.76	24.93	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.16	24.82	24.90	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.18	24.79	24.85	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.14	24.76	24.94	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.07	24.81	24.89	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.17	24.86	24.88	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.56	23.42	23.48	25.0	0.0
50	PI/2 BPSK	1	135	23.39	23.32	23.28		
50	PI/2 BPSK	1	268	23.33	23.17	23.20		
50	PI/2 BPSK	135	0	23.07	22.92	22.99	24.5	0.5
50	PI/2 BPSK	135	68	23.62	23.46	23.53	25.0	0.0
50	PI/2 BPSK	135	135	22.96	22.90	22.83	24.5	0.5
50	PI/2 BPSK	270	0	22.98	22.89	22.87		
50	QPSK	1	1	23.76	23.94	23.75	25.0	0.0
50	QPSK	1	135	23.63	23.76	23.58		
50	QPSK	1	268	23.51	23.55	23.51		
50	QPSK	135	0	22.53	22.47	22.46	24.0	1.0
50	QPSK	135	68	23.52	23.58	23.47	25.0	0.0
50	QPSK	135	135	22.36	22.44	22.17	24.0	1.0
50	QPSK	270	0	22.39	22.40	22.34		
50	16QAM	1	1	22.26	22.18	22.18	24.0	1.0
50	64QAM	1	1	20.85	20.79	20.78	22.5	2.5
50	256QAM	1	1	19.40	19.31	19.25	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.32	23.51	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.36	23.50	23.32	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.30	23.49	23.42	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.29	23.45	23.33	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.35	23.43	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.31	23.46	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.28	23.40	23.37	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.41	19.64	19.42	21.2	0.0
50	PI/2 BPSK	1	135	19.49	19.58	19.41		
50	PI/2 BPSK	1	268	19.44	19.63	19.44		
50	PI/2 BPSK	135	0	19.52	19.59	19.47	21.2	0.0
50	PI/2 BPSK	135	68	19.43	19.55	19.45	21.2	0.0
50	PI/2 BPSK	135	135	19.41	19.65	19.39	21.2	0.0
50	PI/2 BPSK	270	0	19.54	19.65	19.46		
50	QPSK	1	1	19.56	19.73	19.53	21.2	0.0
50	QPSK	1	135	19.54	19.55	19.39		
50	QPSK	1	268	19.52	19.64	19.42		
50	QPSK	135	0	19.53	19.67	19.36	21.2	0.0
50	QPSK	135	68	19.55	19.70	19.51	21.2	0.0
50	QPSK	135	135	19.52	19.66	19.36	21.2	0.0
50	QPSK	270	0	19.53	19.67	19.50		
50	16QAM	1	1	19.40	19.61	19.46	21.2	0.0
50	64QAM	1	1	19.42	19.62	19.50	21.2	0.0
50	256QAM	1	1	19.45	19.67	19.38	21.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.54	19.60	19.36	21.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.43	19.56	19.45	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.50	19.60	19.50	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.41	19.68	19.44	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.46	19.65	19.47	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.53	19.63	19.47	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.43	19.62	19.47	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.84	22.85	22.84	24.0	0.0
50	PI/2 BPSK	1	135	22.84	22.84	22.78		
50	PI/2 BPSK	1	268	22.86	22.95	22.81		
50	PI/2 BPSK	135	0	22.82	22.94	22.73	24.0	0.0
50	PI/2 BPSK	135	68	22.75	22.84	22.74	24.0	0.0
50	PI/2 BPSK	135	135	22.86	22.83	22.79	24.0	0.0
50	PI/2 BPSK	270	0	22.83	22.96	22.80		
50	QPSK	1	1	22.92	23.00	22.88	24.0	0.0
50	QPSK	1	135	22.87	22.86	22.84		
50	QPSK	1	268	22.77	22.82	22.74		
50	QPSK	135	0	22.78	22.73	22.66	24.0	0.0
50	QPSK	135	68	22.90	22.97	22.85	24.0	0.0
50	QPSK	135	135	22.60	22.77	22.46	24.0	0.0
50	QPSK	270	0	22.71	22.73	22.65		
50	16QAM	1	1	22.43	22.30	22.37	24.0	0.0
50	64QAM	1	1	20.97	20.91	20.91	22.5	1.5
50	256QAM	1	1	19.58	19.43	19.43	20.5	3.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.79	22.94	22.73	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.87	22.86	22.77	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	22.85	22.82	22.71	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.78	22.90	22.77	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	22.75	22.83	22.78	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.88	22.82	22.81	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	22.86	22.84	22.81	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.43	24.58	24.52	25.5	0.0
15	PI/2 BPSK	1	40	24.48	24.54	24.49		
15	PI/2 BPSK	1	77	24.51	24.62	24.51		
15	PI/2 BPSK	36	0	23.99	24.07	23.94	25.0	0.5
15	PI/2 BPSK	36	22	24.46	24.52	24.37	25.5	0.0
15	PI/2 BPSK	36	43	23.90	24.00	23.84	25.0	0.5
15	PI/2 BPSK	75	0	23.89	24.03	23.92		
15	QPSK	1	1	24.70	24.75	24.73	25.5	0.0
15	QPSK	1	40	24.69	24.65	24.59		
15	QPSK	1	77	24.55	24.63	24.71		
15	QPSK	36	0	23.38	23.43	23.36	24.5	1.0
15	QPSK	36	22	24.33	24.48	24.40	25.5	0.0
15	QPSK	36	43	23.40	23.49	23.35	24.5	1.0
15	QPSK	75	0	23.47	23.52	23.36		
15	16QAM	1	1	23.23	23.36	23.30	24.5	1.0
15	64QAM	1	1	21.81	21.89	21.79	23.0	2.5
	256QAM	1	1	20.25	20.38	20.26	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.27	24.49	24.39	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.36	24.45	24.43	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.86	23.98	23.92	25.5	0.0
15	PI/2 BPSK	1	40	23.81	23.92	23.86		
15	PI/2 BPSK	1	77	23.83	23.97	23.85		
15	PI/2 BPSK	36	0	23.37	23.46	23.30	25.0	0.5
15	PI/2 BPSK	36	22	23.85	23.93	23.83	25.5	0.0
15	PI/2 BPSK	36	43	23.34	23.42	23.37	25.0	0.5
15	PI/2 BPSK	75	0	23.37	23.44	23.39		
15	QPSK	1	1	24.11	24.15	24.11	25.5	0.0
15	QPSK	1	40	24.10	24.04	23.99		
15	QPSK	1	77	23.96	24.06	24.10		
15	QPSK	36	0	22.93	23.00	22.97	24.5	1.0
15	QPSK	36	22	23.92	23.95	23.86	25.5	0.0
15	QPSK	36	43	22.90	22.91	22.85	24.5	1.0
15	QPSK	75	0	22.93	22.95	22.93		
15	16QAM	1	1	22.62	22.78	22.72	24.5	1.0
15	64QAM	1	1	21.16	21.32	21.25	23.0	2.5
	256QAM	1	1	19.66	19.81	19.74	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.72	23.86	23.83	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.74	23.90	23.85	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.06	25.21	25.07	25.7	0.0
20	PI/2 BPSK	1	53	24.92	25.06	24.93		
20	PI/2 BPSK	1	104	24.91	24.96	24.80		
20	PI/2 BPSK	50	0	24.47	24.59	24.44	25.2	0.5
20	PI/2 BPSK	50	28	25.02	25.07	24.91	25.7	0.0
20	PI/2 BPSK	50	56	24.40	24.54	24.44	25.2	0.5
20	PI/2 BPSK	100	0	24.54	24.61	24.47		
20	QPSK	1	1	25.15	25.35	25.08	25.7	0.0
20	QPSK	1	53	25.13	25.25	24.96		
20	QPSK	1	104	25.06	25.10	24.86		
20	QPSK	50	0	24.00	24.10	23.99	24.7	1.0
20	QPSK	50	28	24.95	25.03	24.95	25.7	0.0
20	QPSK	50	56	23.96	24.02	23.95	24.7	1.0
20	QPSK	100	0	24.01	24.06	23.92		
20	16QAM	1	1	23.78	23.87	23.76	24.7	1.0
20	64QAM	1	1	22.29	22.44	22.35	23.2	2.5
20	256QAM	1	1	20.82	20.96	20.80	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.92	25.12	24.96	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.90	25.09	24.91	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.96	25.15	24.91	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.35	24.43	24.32	25.5	0.0
20	PI/2 BPSK	1	53	24.16	24.26	24.16		
20	PI/2 BPSK	1	104	24.00	24.13	24.03		
20	PI/2 BPSK	50	0	23.76	23.83	23.72	25.0	0.5
20	PI/2 BPSK	50	28	24.17	24.27	24.21	25.5	0.0
20	PI/2 BPSK	50	56	23.69	23.75	23.65	25.0	0.5
20	PI/2 BPSK	100	0	23.73	23.80	23.65		
20	QPSK	1	1	24.47	24.50	24.41	25.5	0.0
20	QPSK	1	53	24.43	24.35	24.25		
20	QPSK	1	104	24.38	24.21	24.17		
20	QPSK	50	0	23.16	23.28	23.15	24.5	1.0
20	QPSK	50	28	24.05	24.17	24.01	25.5	0.0
20	QPSK	50	56	23.13	23.18	23.05	24.5	1.0
20	QPSK	100	0	23.16	23.23	23.13		
20	16QAM	1	1	22.94	23.04	22.89	24.5	1.0
20	64QAM	1	1	21.47	21.60	21.50	23.0	2.5
20	256QAM	1	1	20.08	20.14	20.05	21.0	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.26	24.37	24.21	25.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.21	24.29	24.24	25.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.23	24.35	24.18	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.83	23.88	23.79	25.0	0.0
40	PI/2 BPSK	1	108	23.80	23.94	23.87		
40	PI/2 BPSK	1	214	23.86	23.97	23.81		
40	PI/2 BPSK	108	0	23.16	23.21	23.12	24.5	0.5
40	PI/2 BPSK	108	54	23.86	23.93	23.85	25.0	0.0
40	PI/2 BPSK	108	108	23.17	23.28	23.22	24.5	0.5
40	PI/2 BPSK	216	0	23.21	23.32	23.23		
40	QPSK	1	1	23.97	24.02	23.96	25.0	0.0
40	QPSK	1	108	23.87	23.98	23.91		
40	QPSK	1	214	23.90	24.01	23.80		
40	QPSK	108	0	23.38	22.91	22.90	24.0	1.0
40	QPSK	108	54	23.84	23.88	23.73	25.0	0.0
40	QPSK	108	108	22.90	22.69	22.61	24.0	1.0
40	QPSK	216	0	22.77	22.78	22.60		
40	16QAM	1	1	22.33	22.49	22.35	24.0	1.0
40	64QAM	1	1	20.88	21.03	20.95	22.5	2.5
40	256QAM	1	1	19.55	19.66	19.53	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.90	23.78	23.85	25.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.92	23.73	23.80	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.88	23.73	23.84	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.81	23.69	23.88	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.90	23.71	23.88	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.85	23.70	23.81	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.75	22.70	22.70	24.5	0.0
40	PI/2 BPSK	1	108	22.68	22.53	22.52		
40	PI/2 BPSK	1	214	22.69	22.58	22.57		
40	PI/2 BPSK	108	0	22.13	22.02	22.06	24.0	0.5
40	PI/2 BPSK	108	54	22.81	22.69	22.75	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.05	22.11	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.18	22.18		
40	QPSK	1	1	22.90	23.03	22.92	24.5	0.0
40	QPSK	1	108	22.87	22.94	22.90		
40	QPSK	1	214	22.83	22.91	22.64		
40	QPSK	108	0	21.59	21.72	21.63	23.5	1.0
40	QPSK	108	54	22.68	22.74	22.61	24.5	0.0
40	QPSK	108	108	21.63	21.77	21.51	23.5	1.0
40	QPSK	216	0	21.64	21.78	21.51		
40	16QAM	1	1	21.37	21.25	21.30	23.5	1.0
40	64QAM	1	1	20.05	19.95	20.00	22.0	2.5
40	256QAM	1	1	18.64	18.53	18.51	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	22.67	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.89	22.65	22.77	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.94	22.76	22.84	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.94	22.66	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.76	22.87	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.87	22.73	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.50	21.76	21.42	23.0	0.0
40	PI/2 BPSK	1	108	21.61	21.66	21.38		
40	PI/2 BPSK	1	214	21.54	21.78	21.41		
40	PI/2 BPSK	108	0	21.55	21.76	21.42	23.0	0.0
40	PI/2 BPSK	108	54	21.57	21.76	21.44	23.0	0.0
40	PI/2 BPSK	108	108	21.52	21.70	21.47	23.0	0.0
40	PI/2 BPSK	216	0	21.57	21.73	21.44		
40	QPSK	1	1	21.67	21.83	21.53	23.0	0.0
40	QPSK	1	108	21.57	21.68	21.42		
40	QPSK	1	214	21.59	21.77	21.38		
40	QPSK	108	0	21.54	21.77	21.37	23.0	0.0
40	QPSK	108	54	21.65	21.80	21.50	23.0	0.0
40	QPSK	108	108	21.56	21.75	21.49	23.0	0.0
40	QPSK	216	0	21.63	21.78	21.48		
40	16QAM	1	1	21.63	21.68	21.40	23.0	0.0
40	64QAM	1	1	20.68	20.61	20.60	22.5	0.5
40	256QAM	1	1	19.32	19.24	19.18	20.5	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.63	21.79	21.48	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.59	21.66	21.42	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.63	21.71	21.37	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.51	21.74	21.39	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.64	21.71	21.48	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.57	21.74	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.85	22.93	22.81	24.5	0.0
40	PI/2 BPSK	1	108	22.83	22.92	22.80		
40	PI/2 BPSK	1	214	22.81	22.87	22.76		
40	PI/2 BPSK	108	0	22.30	22.35	22.28	24.0	0.5
40	PI/2 BPSK	108	54	22.90	22.97	22.84	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.35	22.20	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.39	22.32		
40	QPSK	1	1	23.02	23.05	22.85	24.5	0.0
40	QPSK	1	108	22.95	23.04	22.79		
40	QPSK	1	214	22.84	22.98	22.70		
40	QPSK	108	0	21.85	21.84	21.79	23.5	1.0
40	QPSK	108	54	22.93	22.95	22.85	24.5	0.0
40	QPSK	108	108	21.74	21.81	21.76	23.5	1.0
40	QPSK	216	0	21.72	21.82	21.77		
40	16QAM	1	1	21.56	21.55	21.59	23.5	1.0
40	64QAM	1	1	20.08	20.10	20.01	22.0	2.5
40	256QAM	1	1	18.62	18.77	18.62	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.79	22.81	22.76	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.70	22.88	22.75	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.83	22.68	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.78	22.84	22.66	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.80	22.88	22.72	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.73	22.81	22.72	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.53	24.61	24.53	25.7	0.0
40	PI/2 BPSK	1	53	24.37	24.52	24.43		
40	PI/2 BPSK	1	104	24.55	24.67	24.58		
40	PI/2 BPSK	50	0	23.78	23.86	23.77	25.2	0.5
40	PI/2 BPSK	50	28	24.22	24.36	24.24	25.7	0.0
40	PI/2 BPSK	50	56	23.72	23.80	23.70	25.2	0.5
40	PI/2 BPSK	100	0	23.69	23.80	23.70		
40	QPSK	1	1	24.69	24.75	24.72	25.7	0.0
40	QPSK	1	53	24.64	24.61	24.70		
40	QPSK	1	104	24.62	24.51	24.70		
40	QPSK	50	0	23.55	23.50	23.50	24.7	1.0
40	QPSK	50	28	24.46	24.50	24.39	25.7	0.0
40	QPSK	50	56	23.49	23.40	23.41	24.7	1.0
40	QPSK	100	0	23.41	23.45	23.44		
40	16QAM	1	1	23.24	23.35	23.19	24.7	1.0
40	64QAM	1	1	21.84	21.98	21.84	23.2	2.5
40	256QAM	1	1	20.39	20.48	20.39	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.66	24.55	24.58	25.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.69	24.51	24.66	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.71	24.59	24.58	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.67	24.57	24.67	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.71	24.51	24.62	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.34	23.40	23.38	25.0	0.0
40	PI/2 BPSK	1	53	23.29	23.42	23.33		
40	PI/2 BPSK	1	104	23.13	23.19	23.12		
40	PI/2 BPSK	50	0	22.69	22.56	22.69	24.5	0.5
40	PI/2 BPSK	50	28	23.15	23.05	23.14	25.0	0.0
40	PI/2 BPSK	50	56	22.59	22.50	22.56	24.5	0.5
40	PI/2 BPSK	100	0	22.65	22.59	22.52		
40	QPSK	1	1	23.43	23.44	23.34	25.0	0.0
40	QPSK	1	53	23.42	23.37	23.31		
40	QPSK	1	104	23.01	23.08	23.07		
40	QPSK	50	0	22.08	22.09	22.06	24.0	1.0
40	QPSK	50	28	22.95	23.02	22.86	25.0	0.0
40	QPSK	50	56	22.00	22.07	22.03	24.0	1.0
40	QPSK	100	0	22.09	22.11	22.06		
40	16QAM	1	1	22.05	22.00	22.07	24.0	1.0
40	64QAM	1	1	20.66	20.51	20.61	22.5	2.5
40	256QAM	1	1	18.98	19.08	18.96	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.21	23.31	23.10	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.28	23.29	23.09	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.24	23.32	23.11	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.17	23.31	23.10	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.23	23.33	23.10	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.62	20.66	20.54	22.2	0.0
40	PI/2 BPSK	1	53	20.71	20.67	20.63		
40	PI/2 BPSK	1	104	20.60	20.74	20.50		
40	PI/2 BPSK	50	0	20.63	20.71	20.55	22.2	0.0
40	PI/2 BPSK	50	28	20.60	20.79	20.57	22.2	0.0
40	PI/2 BPSK	50	56	20.71	20.72	20.62	22.2	0.0
40	PI/2 BPSK	100	0	20.60	20.73	20.53		
40	QPSK	1	1	20.76	20.83	20.67	22.2	0.0
40	QPSK	1	53	20.66	20.73	20.64		
40	QPSK	1	104	20.72	20.67	20.56		
40	QPSK	50	0	20.65	20.71	20.50	22.2	0.0
40	QPSK	50	28	20.73	20.80	20.65	22.2	0.0
40	QPSK	50	56	20.62	20.68	20.62	22.2	0.0
40	QPSK	100	0	20.71	20.78	20.62		
40	16QAM	1	1	20.69	20.67	20.62	22.2	0.0
40	64QAM	1	1	20.59	20.76	20.62	22.2	0.0
40	256QAM	1	1	19.64	19.80	19.65	21.2	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.71	20.76	20.50	22.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.59	20.77	20.51	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.71	20.71	20.63	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.60	20.77	20.53	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.63	20.76	20.55	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.61	23.74	23.62	25.0	0.0
40	PI/2 BPSK	1	53	23.71	23.73	23.71		
40	PI/2 BPSK	1	104	23.52	23.57	23.52		
40	PI/2 BPSK	50	0	22.82	22.92	22.86	24.5	0.5
40	PI/2 BPSK	50	28	23.36	23.42	23.34	25.0	0.0
40	PI/2 BPSK	50	56	22.72	22.82	22.75	24.5	0.5
40	PI/2 BPSK	100	0	22.73	22.88	22.73		
40	QPSK	1	1	23.76	23.80	23.78	25.0	0.0
40	QPSK	1	53	23.63	23.65	23.65		
40	QPSK	1	104	23.50	23.42	23.57		
40	QPSK	50	0	22.96	22.41	22.93	24.0	1.0
40	QPSK	50	28	23.25	23.28	23.20	25.0	0.0
40	QPSK	50	56	22.83	22.28	22.77	24.0	1.0
40	QPSK	100	0	22.82	22.90	22.88		
40	16QAM	1	1	22.05	22.19	22.06	24.0	1.0
40	64QAM	1	1	20.69	20.81	20.71	22.5	2.5
40	256QAM	1	1	19.23	19.36	19.31	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.56	23.63	23.48	25.0	0.0
Channel				516004	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.54	23.60	23.52	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.48	23.62	23.56	25.0	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.46	23.69	23.47	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.48	23.65	23.56	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.45	23.28	23.05	24.5	0.0
100	PI/2 BPSK	1	137	23.11	23.17	22.74		
100	PI/2 BPSK	1	271	23.08	22.83	22.89		
100	PI/2 BPSK	135	0	22.95	23.13	22.70	24.5	0.0
100	PI/2 BPSK	135	69	23.01	23.08	22.71	24.5	0.0
100	PI/2 BPSK	135	138	23.06	22.92	22.81	24.5	0.0
100	PI/2 BPSK	270	0	22.81	23.01	22.79		
100	QPSK	1	1	23.50	23.52	23.16	24.5	0.0
100	QPSK	1	137	23.09	23.07	22.89		
100	QPSK	1	271	23.05	22.93	22.99		
100	QPSK	135	0	23.11	23.17	22.82	24.5	0.0
100	QPSK	135	69	23.16	23.20	22.90	24.5	0.0
100	QPSK	135	138	23.14	22.83	22.87	24.5	0.0
100	QPSK	270	0	22.97	23.00	22.89		
100	16QAM	1	1	22.87	23.02	22.90	24.5	0.0
100	64QAM	1	1	22.86	23.02	22.94	24.5	0.0
100	256QAM	1	1	22.11	22.17	22.11	23.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.51	23.21	23.01	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.40	23.21	23.07	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.44	23.23	23.03	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.48	23.24	23.10	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.48	23.22	23.10	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.43	23.22	23.03	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.50	23.24	23.05	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.40	23.16	23.09	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.42	23.15	23.01	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.58	26.77	26.62	27.5	0.0
100	PI/2 BPSK	1	137	26.68	26.62	26.23		
100	PI/2 BPSK	1	271	26.64	26.48	26.12		
100	PI/2 BPSK	135	0	25.65	26.18	25.37	27.0	0.5
100	PI/2 BPSK	135	69	26.78	26.78	26.23	27.5	0.0
100	PI/2 BPSK	135	138	25.58	25.93	25.19	27.0	0.5
100	PI/2 BPSK	270	0	25.37	26.01	25.28		
100	QPSK	1	1	26.78	26.80	26.67	27.5	0.0
100	QPSK	1	137	26.75	26.78	26.28		
100	QPSK	1	271	26.73	26.34	26.18		
100	QPSK	135	0	25.72	25.71	25.55	26.5	1.0
100	QPSK	135	69	26.83	26.67	26.37	27.5	0.0
100	QPSK	135	138	25.68	25.57	25.53	26.5	1.0
100	QPSK	270	0	25.53	25.55	25.34		
100	16QAM	1	1	25.40	25.49	25.38	26.5	1.0
100	64QAM	1	1	23.97	24.06	23.98	25.0	2.5
100	256QAM	1	1	22.73	22.87	22.74	23.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.54	26.54	26.60	27.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.58	26.54	26.60	27.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.50	26.57	26.59	27.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.53	26.62	26.56	27.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.51	26.55	26.55	27.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.50	26.65	26.60	27.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	26.48	26.56	26.54	27.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.53	26.60	26.61	27.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.56	26.64	26.61	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.10	22.17	22.01	23.5	0.0
100	PI/2 BPSK	1	137	21.71	21.77	21.72		
100	PI/2 BPSK	1	271	21.71	21.84	21.74		
100	PI/2 BPSK	135	0	21.84	21.89	21.79	23.5	0.0
100	PI/2 BPSK	135	69	22.02	21.71	21.97	23.5	0.0
100	PI/2 BPSK	135	138	21.82	21.89	21.81	23.5	0.0
100	PI/2 BPSK	270	0	21.96	22.04	21.96		
100	QPSK	1	1	22.18	22.25	22.14	23.5	0.0
100	QPSK	1	137	21.76	21.82	21.71		
100	QPSK	1	271	21.81	21.96	21.85		
100	QPSK	135	0	21.82	21.94	21.78	23.5	0.0
100	QPSK	135	69	22.11	22.17	22.12	23.5	0.0
100	QPSK	135	138	21.84	21.96	21.88	23.5	0.0
100	QPSK	270	0	22.06	22.09	22.07		
100	16QAM	1	1	21.89	21.90	21.73	23.5	0.0
100	64QAM	1	1	21.97	21.70	21.99	23.5	0.0
100	256QAM	1	1	21.15	21.28	21.15	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.05	22.09	22.00	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.05	22.10	22.09	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.04	22.14	22.06	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.05	22.09	22.03	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.07	22.10	22.05	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.09	22.17	22.09	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	22.13	22.13	22.09	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.10	22.13	22.08	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.06	22.15	22.09	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.94	25.40	25.34	26.5	0.0
100	PI/2 BPSK	1	137	25.29	25.36	24.70		
100	PI/2 BPSK	1	271	25.36	24.80	24.92		
100	PI/2 BPSK	135	0	24.88	24.81	24.36	26.0	0.5
100	PI/2 BPSK	135	69	25.38	25.35	24.91	26.5	0.0
100	PI/2 BPSK	135	138	24.83	24.38	24.11	26.0	0.5
100	PI/2 BPSK	270	0	24.65	24.60	24.19		
100	QPSK	1	1	25.40	25.45	25.20	26.5	0.0
100	QPSK	1	137	25.35	25.34	24.75		
100	QPSK	1	271	25.32	24.87	25.03		
100	QPSK	135	0	24.37	24.24	24.44	25.5	1.0
100	QPSK	135	69	25.23	25.25	24.99	26.5	0.0
100	QPSK	135	138	24.39	24.08	24.18	25.5	1.0
100	QPSK	270	0	24.49	24.59	24.29		
100	16QAM	1	1	24.06	24.16	24.11	25.5	1.0
100	64QAM	1	1	22.65	22.79	22.72	24.0	2.5
100	256QAM	1	1	21.45	21.58	21.45	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.91	25.17	25.35	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	25.22	25.37	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.01	25.19	25.34	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.98	25.19	25.34	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.01	25.20	25.35	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.96	25.23	25.39	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.95	25.25	25.40	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.91	25.25	25.41	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.91	25.27	25.41	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.94	20.01	19.84	21.0	0.0
100	PI/2 BPSK	1	137	19.96	19.98	19.80		
100	PI/2 BPSK	1	271	19.89	19.98	19.88		
100	PI/2 BPSK	135	0	19.91	20.05	19.81	21.0	0.0
100	PI/2 BPSK	135	69	19.90	20.09	19.92	21.0	0.0
100	PI/2 BPSK	135	138	19.97	19.99	19.82	21.0	0.0
100	PI/2 BPSK	270	0	19.94	20.10	19.87		
100	QPSK	1	1	20.03	20.15	19.96	21.0	0.0
100	QPSK	1	137	19.95	20.08	19.92		
100	QPSK	1	271	19.89	20.10	19.92		
100	QPSK	135	0	19.90	20.06	19.78	21.0	0.0
100	QPSK	135	69	20.00	20.13	19.93	21.0	0.0
100	QPSK	135	138	19.93	20.08	19.89	21.0	0.0
100	QPSK	270	0	19.98	20.10	19.90		
100	16QAM	1	1	19.92	20.10	19.84	21.0	0.0
100	64QAM	1	1	19.92	20.04	19.84	21.0	0.0
100	256QAM	1	1	19.96	20.03	19.84	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	20.12	19.82	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	20.06	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	20.10	19.79	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.07	19.91	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.97	20.02	19.91	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.89	20.04	19.86	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.10	19.79	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.86	20.00	19.91	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.93	20.05	19.91	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.10	23.37	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.30	23.07		
100	PI/2 BPSK	1	271	23.01	23.43	23.07		
100	PI/2 BPSK	135	0	23.02	23.44	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.05	23.41	23.08	24.0	0.0
100	PI/2 BPSK	135	138	23.10	23.40	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.05	23.43	23.16		
100	QPSK	1	1	23.15	23.48	23.20	24.0	0.0
100	QPSK	1	137	23.05	23.36	23.15		
100	QPSK	1	271	22.98	23.37	23.12		
100	QPSK	135	0	23.09	23.43	23.07	24.0	0.0
100	QPSK	135	69	23.13	23.45	23.17	24.0	0.0
100	QPSK	135	138	23.10	23.43	23.13	24.0	0.0
100	QPSK	270	0	23.11	23.43	23.15		
100	16QAM	1	1	23.09	23.35	23.12	24.0	0.0
100	64QAM	1	1	23.06	23.39	23.03	24.0	0.0
100	256QAM	1	1	22.08	22.17	22.05	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.03	23.35	23.15	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.44	23.14	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.41	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.03	23.36	23.16	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.10	23.40	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.33	23.16	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.10	23.31	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.43	23.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.31	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.01	22.21	22.03	23.5	0.0
100	PI/2 BPSK	1	137	21.82	21.95	21.86		
100	PI/2 BPSK	1	271	21.67	21.75	21.69		
100	PI/2 BPSK	135	0	22.11	22.12	22.01	23.5	0.0
100	PI/2 BPSK	135	69	21.97	22.10	21.98	23.5	0.0
100	PI/2 BPSK	135	138	21.77	21.86	21.73	23.5	0.0
100	PI/2 BPSK	270	0	21.86	22.02	21.96		
100	QPSK	1	1	22.16	22.29	22.17	23.5	0.0
100	QPSK	1	137	21.94	22.06	21.97		
100	QPSK	1	271	21.77	21.89	21.82		
100	QPSK	135	0	22.09	22.19	22.07	23.5	0.0
100	QPSK	135	69	22.18	22.26	22.14	23.5	0.0
100	QPSK	135	138	21.87	21.97	21.88	23.5	0.0
100	QPSK	270	0	22.01	22.17	22.11		
100	16QAM	1	1	22.11	22.13	22.07	23.5	0.0
100	64QAM	1	1	21.86	21.90	21.85	23.5	0.0
100	256QAM	1	1	21.38	21.52	21.43	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.80	22.01	21.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	22.01	21.90	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.78	22.00	21.90	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.81	21.99	21.87	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.79	21.90	21.84	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.89	21.98	21.85	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	21.79	21.97	21.84	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.88	21.98	21.89	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.82	21.96	21.81	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.76	25.84	25.69	26.5	0.0
100	PI/2 BPSK	1	137	25.73	25.88	25.82		
100	PI/2 BPSK	1	271	25.28	25.35	25.19		
100	PI/2 BPSK	135	0	25.07	25.12	24.96	26.0	0.5
100	PI/2 BPSK	135	69	25.75	25.87	25.74	26.5	0.0
100	PI/2 BPSK	135	138	24.78	24.89	24.80	26.0	0.5
100	PI/2 BPSK	270	0	25.03	25.15	25.08		
100	QPSK	1	1	25.88	25.90	25.61	26.5	0.0
100	QPSK	1	137	25.59	25.58	25.16		
100	QPSK	1	271	25.68	25.23	25.36		
100	QPSK	135	0	24.83	24.72	24.61	25.5	1.0
100	QPSK	135	69	25.86	25.88	25.48	26.5	0.0
100	QPSK	135	138	24.94	24.58	24.55	25.5	1.0
100	QPSK	270	0	24.77	24.83	24.50		
100	16QAM	1	1	24.65	24.78	24.68	25.5	1.0
100	64QAM	1	1	23.36	23.41	23.35	24.0	2.5
100	256QAM	1	1	21.38	21.52	21.43	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.69	25.79	25.61	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.65	25.70	25.62	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.62	25.78	25.57	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.70	25.73	25.60	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.67	25.75	25.61	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.62	25.70	25.62	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	25.63	25.72	25.60	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.62	25.77	25.59	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.67	25.71	25.57	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.18	24.30	24.22	25.2	0.0
40	PI/2 BPSK	1	53	24.23	24.28	24.22		
40	PI/2 BPSK	1	104	24.17	24.25	24.15		
40	PI/2 BPSK	50	0	23.68	23.76	23.63	24.7	0.5
40	PI/2 BPSK	50	28	24.25	24.30	24.21	25.2	0.0
40	PI/2 BPSK	50	56	23.60	23.73	23.57	24.7	0.5
40	PI/2 BPSK	100	0	23.65	23.76	23.71		
40	QPSK	1	1	24.26	24.35	24.23	25.2	0.0
40	QPSK	1	53	24.20	24.32	24.17		
40	QPSK	1	104	24.18	24.23	24.12		
40	QPSK	50	0	23.25	23.21	23.25	24.2	1.0
40	QPSK	50	28	24.22	24.24	24.20	25.2	0.0
40	QPSK	50	56	23.31	23.20	23.30	24.2	1.0
40	QPSK	100	0	23.22	23.25	23.20		
40	16QAM	1	1	22.85	22.99	22.94	24.2	1.0
40	64QAM	1	1	21.44	21.51	21.46	22.7	2.5
40	256QAM	1	1	19.97	20.11	19.98	20.7	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	24.12	24.24	24.08	25.2	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.07	24.24	24.13	25.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	24.03	24.23	24.07	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.25	21.30	21.23	23.0	0.0
40	PI/2 BPSK	1	53	21.10	21.26	21.16		
40	PI/2 BPSK	1	104	21.20	21.28	21.14		
40	PI/2 BPSK	50	0	20.65	20.73	20.57	22.5	0.5
40	PI/2 BPSK	50	28	21.18	21.31	21.25	23.0	0.0
40	PI/2 BPSK	50	56	20.69	20.75	20.63	22.5	0.5
40	PI/2 BPSK	100	0	20.70	20.78	20.64		
40	QPSK	1	1	21.30	21.35	21.28	23.0	0.0
40	QPSK	1	53	21.18	21.33	21.19		
40	QPSK	1	104	21.12	21.26	21.18		
40	QPSK	50	0	20.12	20.22	20.06	22.0	1.0
40	QPSK	50	28	21.23	21.28	21.23	23.0	0.0
40	QPSK	50	56	20.19	20.26	20.20	22.0	1.0
40	QPSK	100	0	20.22	20.25	20.20		
40	16QAM	1	1	20.19	20.05	20.10	22.0	1.0
40	64QAM	1	1	18.66	18.60	18.50	20.5	2.5
40	256QAM	1	1	17.02	17.13	16.99	18.5	4.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.19	21.18	21.18	23.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.13	21.19	21.18	23.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.11	21.21	21.11	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.94	18.99	18.99	20.5	0.0
40	PI/2 BPSK	1	53	18.94	18.94	18.90		
40	PI/2 BPSK	1	104	19.02	18.96	18.90		
40	PI/2 BPSK	50	0	18.98	18.98	18.99	20.5	0.0
40	PI/2 BPSK	50	28	19.01	18.94	18.97	20.5	0.0
40	PI/2 BPSK	50	56	18.99	18.93	18.97	20.5	0.0
40	PI/2 BPSK	100	0	18.99	19.01	18.95		
40	QPSK	1	1	19.05	19.08	19.02	20.5	0.0
40	QPSK	1	53	18.92	18.99	18.98		
40	QPSK	1	104	18.92	18.92	18.93		
40	QPSK	50	0	18.89	18.96	18.89	20.5	0.0
40	QPSK	50	28	19.03	19.05	19.00	20.5	0.0
40	QPSK	50	56	18.97	18.96	18.96	20.5	0.0
40	QPSK	100	0	19.01	19.03	18.98		
40	16QAM	1	1	18.96	18.94	18.96	20.5	0.0
40	64QAM	1	1	18.89	18.90	18.85	20.5	0.0
40	256QAM	1	1	18.61	18.75	18.60	20.0	0.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.95	18.92	18.94	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.89	19.03	18.99	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.99	18.97	18.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.01	20.00	20.03	21.5	0.0
40	PI/2 BPSK	1	53	20.03	20.14	20.07		
40	PI/2 BPSK	1	104	20.06	20.05	20.04		
40	PI/2 BPSK	50	0	19.90	19.99	19.91	21.5	0.0
40	PI/2 BPSK	50	28	19.98	20.02	20.04	21.5	0.0
40	PI/2 BPSK	50	56	19.91	20.01	19.95	21.5	0.0
40	PI/2 BPSK	100	0	19.92	20.05	19.95		
40	QPSK	1	1	20.13	20.15	20.11	21.5	0.0
40	QPSK	1	53	20.03	20.08	19.98		
40	QPSK	1	104	20.06	20.07	20.06		
40	QPSK	50	0	19.34	19.45	19.37	21.0	0.5
40	QPSK	50	28	20.06	20.11	20.09	21.5	0.0
40	QPSK	50	56	19.34	19.48	19.33	21.0	0.5
40	QPSK	100	0	19.45	19.50	19.42		
40	16QAM	1	1	19.10	19.23	19.11	21.0	0.5
40	64QAM	1	1	17.64	17.78	17.62	19.5	2.0
40	256QAM	1	1	16.27	16.37	16.26	17.5	4.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.12	20.13	19.98	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.01	20.06	20.04	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.06	20.05	20.10	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.20		24.0	0.0
100	PI/2 BPSK	1	137		23.16			
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		23.13		24.0	0.0
100	PI/2 BPSK	135	69		23.10		24.0	0.0
100	PI/2 BPSK	135	138		23.11		24.0	0.0
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.22		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		23.08		24.0	0.0
100	QPSK	270	0		23.06			
100	16QAM	1	1		22.87		24.0	0.0
100	64QAM	1	1		22.92		24.0	0.0
100	256QAM	1	1		22.08		22.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.07	23.13	23.08	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	23.07	23.08	23.05	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	23.04	23.14	23.02	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	23.14	23.11	23.11	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	23.12	23.09	23.03	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	23.09	23.13	23.03	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	23.12	23.11	23.03	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.05	23.10	23.08	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	23.04	23.07	23.03	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	23.07	23.13	23.07	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	23.10	23.15	23.05	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.47		27.0	0.0
100	PI/2 BPSK	1	137		26.41			
100	PI/2 BPSK	1	271		26.40			
100	PI/2 BPSK	135	0		26.15		26.5	0.5
100	PI/2 BPSK	135	69		26.45		27.0	0.0
100	PI/2 BPSK	135	138		26.08		26.5	0.5
100	PI/2 BPSK	270	0		26.13			
100	QPSK	1	1		26.50		27.0	0.0
100	QPSK	1	137		26.40			
100	QPSK	1	271		26.38			
100	QPSK	135	0		25.72		26.0	1.0
100	QPSK	135	69		26.48		27.0	0.0
100	QPSK	135	138		25.64		26.0	1.0
100	QPSK	270	0		25.61			
100	16QAM	1	1		25.60		26.0	1.0
100	64QAM	1	1		24.25		24.5	2.5
100	256QAM	1	1		22.13		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.33	26.39	26.31	27.0	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	26.31	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	26.42	26.31	26.34	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	26.31	26.40	26.27	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.32	26.31	26.30	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.38	26.41	26.32	27.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.39	26.32	26.24	27.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	26.42	26.36	26.29	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.36	26.42	26.29	27.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	26.37	26.38	26.25	27.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	26.34	26.32	26.24	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.10	23.17	23.09	24.0	0.0
100	PI/2 BPSK	1	137	23.07	23.15	23.00		
100	PI/2 BPSK	1	271	22.86	22.96	22.83		
100	PI/2 BPSK	135	0	22.97	23.11	22.97	24.0	0.0
100	PI/2 BPSK	135	69	22.91	23.05	22.92	24.0	0.0
100	PI/2 BPSK	135	138	22.88	23.00	22.86	24.0	0.0
100	PI/2 BPSK	270	0	22.86	22.98	22.86		
100	QPSK	1	1	23.16	23.20	23.05	24.0	0.0
100	QPSK	1	137	22.97	23.13	23.04		
100	QPSK	1	271	22.88	22.95	22.90		
100	QPSK	135	0	23.02	23.12	23.04	24.0	0.0
100	QPSK	135	69	23.10	23.13	23.06	24.0	0.0
100	QPSK	135	138	22.85	22.99	22.91	24.0	0.0
100	QPSK	270	0	22.97	23.03	22.95		
100	16QAM	1	1	22.73	22.89	22.81	24.0	0.0
100	64QAM	1	1	22.80	22.91	22.76	24.0	0.0
100	256QAM	1	1	21.87	22.02	21.91	22.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.05	23.03	22.96	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.95	23.06	22.96	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.00	23.03	23.00	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.94	23.04	22.97	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.05	23.10	22.99	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.03	23.03	23.01	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.05	23.03	23.02	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.02	23.07	22.98	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.96	23.10	22.95	24.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.99	23.12	22.95	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.98	23.01	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.42	26.50	26.45	27.0	0.0
100	PI/2 BPSK	1	137	26.33	26.48	26.37		
100	PI/2 BPSK	1	271	26.35	26.41	26.25		
100	PI/2 BPSK	135	0	25.94	26.05	25.91	26.5	0.5
100	PI/2 BPSK	135	69	26.43	26.50	26.40	27.0	0.0
100	PI/2 BPSK	135	138	25.78	25.94	25.82	26.5	0.5
100	PI/2 BPSK	270	0	25.88	26.01	25.95		
100	QPSK	1	1	26.48	26.53	26.38	27.0	0.0
100	QPSK	1	137	26.37	26.43	26.34		
100	QPSK	1	271	26.28	26.34	26.29		
100	QPSK	135	0	25.48	25.62	25.56	26.0	1.0
100	QPSK	135	69	26.45	26.50	26.35	27.0	0.0
100	QPSK	135	138	25.35	25.49	25.44	26.0	1.0
100	QPSK	270	0	25.50	25.53	25.46		
100	16QAM	1	1	25.54	25.60	25.46	26.0	1.0
100	64QAM	1	1	24.09	24.21	24.16	24.5	2.5
100	256QAM	1	1	22.00	22.08	21.92	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	26.36	26.36	26.33	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	26.27	26.44	26.33	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.33	26.39	26.36	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	26.35	26.43	26.32	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	26.28	26.42	26.39	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.30	26.36	26.37	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	26.31	26.44	26.35	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.32	26.37	26.35	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	26.27	26.41	26.39	27.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	26.30	26.36	26.31	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.27	26.37	26.32	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.31		22.0	0.0
100	PI/2 BPSK	1	137		20.21			
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.25		22.0	0.0
100	PI/2 BPSK	135	69		20.22		22.0	0.0
100	PI/2 BPSK	135	138		20.15		22.0	0.0
100	PI/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.35		22.0	0.0
100	QPSK	1	137		20.23			
100	QPSK	1	271		20.13			
100	QPSK	135	0		20.21		22.0	0.0
100	QPSK	135	69		20.23		22.0	0.0
100	QPSK	135	138		20.15		22.0	0.0
100	QPSK	270	0		20.13			
100	16QAM	1	1		20.05		22.0	0.0
100	64QAM	1	1		20.07		22.0	0.0
100	256QAM	1	1		19.26		20.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.16	20.16	20.16	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	20.07	20.16	20.08	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	20.07	20.09	20.09	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	20.13	20.16	20.18	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	20.13	20.18	20.11	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	20.07	20.11	20.15	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	20.15	20.07	20.13	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.15	20.13	20.17	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	20.14	20.17	20.18	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	20.15	20.10	20.13	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	20.14	20.12	20.17	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.73		25.0	0.0
100	PI/2 BPSK	1	137		23.68			
100	PI/2 BPSK	1	271		23.60			
100	PI/2 BPSK	135	0		23.26		24.5	0.5
100	PI/2 BPSK	135	69		23.70		25.0	0.0
100	PI/2 BPSK	135	138		23.15		24.5	0.5
100	PI/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.75		25.0	0.0
100	QPSK	1	137		23.63			
100	QPSK	1	271		23.55			
100	QPSK	135	0		22.86		24.0	1.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		22.70		24.0	1.0
100	QPSK	270	0		22.74			
100	16QAM	1	1		22.90		24.0	1.0
100	64QAM	1	1		21.42		22.5	2.5
100	256QAM	1	1		19.30		20.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.60	23.59	23.65	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.59	23.57	23.63	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.60	23.63	23.58	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.61	23.63	23.63	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.66	23.58	23.61	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.68	23.61	23.65	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.63	23.59	23.68	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.65	23.65	23.57	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.59	23.58	23.60	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.60	23.58	23.65	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.57	23.66	23.57	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.29	20.40	20.32	22.0	0.0
100	PI/2 BPSK	1	137	20.30	20.35	20.19		
100	PI/2 BPSK	1	271	20.00	20.03	20.00		
100	PI/2 BPSK	135	0	20.15	20.28	20.22	22.0	0.0
100	PI/2 BPSK	135	69	20.26	20.31	20.19	22.0	0.0
100	PI/2 BPSK	135	138	20.06	20.05	20.01	22.0	0.0
100	PI/2 BPSK	270	0	20.02	20.10	20.00		
100	QPSK	1	1	20.40	20.42	20.25	22.0	0.0
100	QPSK	1	137	20.21	20.36	20.24		
100	QPSK	1	271	20.09	20.05	20.02		
100	QPSK	135	0	20.20	20.32	20.16	22.0	0.0
100	QPSK	135	69	20.33	20.35	20.17	22.0	0.0
100	QPSK	135	138	20.01	20.05	20.01	22.0	0.0
100	QPSK	270	0	20.22	20.25	20.03		
100	16QAM	1	1	20.06	20.04	20.06	22.0	0.0
100	64QAM	1	1	20.00	20.10	20.03	22.0	0.0
100	256QAM	1	1	19.12	19.18	19.11	20.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.13	20.29	20.24	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	20.21	20.32	20.25	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.16	20.33	20.20	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	20.16	20.24	20.23	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	20.24	20.26	20.26	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.23	20.33	20.19	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	20.24	20.29	20.16	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.19	20.26	20.20	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	20.24	20.31	20.27	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	20.19	20.25	20.21	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.34	20.19	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.47	23.53	23.42	25.0	0.0
100	PI/2 BPSK	1	137	23.42	23.48	23.42		
100	PI/2 BPSK	1	271	23.17	23.33	23.20		
100	PI/2 BPSK	135	0	22.93	23.00	22.87	24.5	0.5
100	PI/2 BPSK	135	69	23.38	23.50	23.39	25.0	0.0
100	PI/2 BPSK	135	138	22.77	22.86	22.71	24.5	0.5
100	PI/2 BPSK	270	0	22.92	22.98	22.92		
100	QPSK	1	1	23.53	23.55	23.33	25.0	0.0
100	QPSK	1	137	23.20	23.34	23.29		
100	QPSK	1	271	23.09	23.15	23.01		
100	QPSK	135	0	22.52	22.58	22.45	24.0	1.0
100	QPSK	135	69	23.50	23.53	23.20	25.0	0.0
100	QPSK	135	138	22.32	22.44	22.29	24.0	1.0
100	QPSK	270	0	22.41	22.45	22.18		
100	16QAM	1	1	22.55	22.66	22.58	24.0	1.0
100	64QAM	1	1	21.15	21.25	21.15	22.5	2.5
100	256QAM	1	1	19.01	19.09	18.96	20.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.37	23.45	23.30	25.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.33	23.40	23.26	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.38	23.38	23.28	25.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.33	23.42	23.32	25.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.39	23.41	23.26	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.42	23.38	23.35	25.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.39	23.38	23.30	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.40	23.39	23.31	25.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.38	23.42	23.37	25.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.37	23.48	23.27	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.40	23.38	23.28	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.93			
100	PI/2 BPSK	1	137		17.86		19.0	0.0
100	PI/2 BPSK	1	271		17.81			
100	PI/2 BPSK	135	0		17.90		19.0	0.0
100	PI/2 BPSK	135	69		17.87		19.0	0.0
100	PI/2 BPSK	135	138		17.92		19.0	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		17.98			
100	QPSK	1	137		17.90		19.0	0.0
100	QPSK	1	271		17.89			
100	QPSK	135	0		17.88		19.0	0.0
100	QPSK	135	69		17.95		19.0	0.0
100	QPSK	135	138		17.83		19.0	0.0
100	QPSK	270	0		17.92			
100	16QAM	1	1		17.80		19.0	0.0
100	64QAM	1	1		17.81		19.0	0.0
100	256QAM	1	1		17.84		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.92	17.92	17.88	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	17.80	17.83	17.88	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	17.87	17.82	17.83	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	17.83	17.90	17.91	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	17.92	17.88	17.88	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	17.88	17.94	17.86	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	17.87	17.85	17.92	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.91	17.90	17.87	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	17.93	17.89	17.81	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	17.83	17.85	17.90	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	17.93	17.93	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.25			
100	PI/2 BPSK	1	137		21.25		22.0	0.0
100	PI/2 BPSK	1	271		21.19			
100	PI/2 BPSK	135	0		21.29		22.0	0.0
100	PI/2 BPSK	135	69		21.20		22.0	0.0
100	PI/2 BPSK	135	138		21.15		22.0	0.0
100	PI/2 BPSK	270	0		21.15			
100	QPSK	1	1		21.32			
100	QPSK	1	137		21.29		22.0	0.0
100	QPSK	1	271		21.29			
100	QPSK	135	0		21.29		22.0	0.0
100	QPSK	135	69		21.30		22.0	0.0
100	QPSK	135	138		21.23		22.0	0.0
100	QPSK	270	0		21.27			
100	16QAM	1	1		21.29		22.0	0.0
100	64QAM	1	1		21.22		22.0	0.0
100	256QAM	1	1		20.85		21.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.29	21.28	21.19	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	21.18	21.27	21.25	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	21.25	21.26	21.18	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	21.16	21.24	21.20	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	21.17	21.19	21.20	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	21.22	21.17	21.29	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	21.28	21.21	21.29	22.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.21	21.23	21.20	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	21.17	21.23	21.17	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	21.19	21.22	21.24	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	21.23	21.29	21.25	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.92	18.00	17.95		
100	PI/2 BPSK	1	137	18.00	17.95	18.01	19.0	0.0
100	PI/2 BPSK	1	271	17.99	18.02	17.93		
100	PI/2 BPSK	135	0	17.96	18.04	17.95	19.0	0.0
100	PI/2 BPSK	135	69	17.99	18.00	17.98	19.0	0.0
100	PI/2 BPSK	135	138	18.00	17.96	18.00	19.0	0.0
100	PI/2 BPSK	270	0	17.95	17.94	17.97		
100	QPSK	1	1	18.05	18.10	18.03		
100	QPSK	1	137	17.96	18.06	17.93	19.0	0.0
100	QPSK	1	271	18.01	17.99	17.98		
100	QPSK	135	0	17.99	17.95	17.89	19.0	0.0
100	QPSK	135	69	18.03	18.08	18.02	19.0	0.0
100	QPSK	135	138	17.90	17.93	17.92	19.0	0.0
100	QPSK	270	0	18.01	18.05	18.00		
100	16QAM	1	1	17.91	18.07	17.87	19.0	0.0
100	64QAM	1	1	17.88	18.00	17.97	19.0	0.0
100	256QAM	1	1	17.90	18.06	17.87	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.95	18.00	17.97	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.98	18.04	17.93	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.98	18.00	17.97	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.01	17.95	17.94	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.95	18.03	17.88	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.95	17.94	18.00	19.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.93	18.06	17.92	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.91	17.98	17.98	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.91	17.93	17.94	19.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.94	18.01	17.97	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.96	17.94	17.90	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.18	21.32	21.13	22.0	0.0
100	PI/2 BPSK	1	137	21.28	21.34	21.24		
100	PI/2 BPSK	1	271	21.19	21.20	21.20		
100	PI/2 BPSK	135	0	21.17	21.34	21.17	22.0	0.0
100	PI/2 BPSK	135	69	21.27	21.26	21.20	22.0	0.0
100	PI/2 BPSK	135	138	21.24	21.28	21.16	22.0	0.0
100	PI/2 BPSK	270	0	21.24	21.32	21.15		
100	QPSK	1	1	21.33	21.38	21.28	22.0	0.0
100	QPSK	1	137	21.27	21.30	21.18		
100	QPSK	1	271	21.27	21.26	21.16		
100	QPSK	135	0	21.15	21.31	21.15	22.0	0.0
100	QPSK	135	69	21.30	21.35	21.25	22.0	0.0
100	QPSK	135	138	21.21	21.22	21.22	22.0	0.0
100	QPSK	270	0	21.28	21.33	21.23		
100	16QAM	1	1	21.15	21.32	21.14	22.0	0.0
100	64QAM	1	1	21.27	21.28	21.12	22.0	0.0
100	256QAM	1	1	20.67	20.78	20.63	21.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.25	21.20	21.20	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	21.25	21.26	21.22	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736	3840	3945		
70	QPSK	1	1	21.26	21.33	21.14	22.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.20	21.34	21.23	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	21.17	21.28	21.21	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.29	21.31	21.11	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	21.18	21.27	21.22	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.25	21.31	21.17	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	21.20	21.34	21.20	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	21.18	21.30	21.20	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.16	21.23	21.19	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.58		20.0	0.0
100	PI/2 BPSK	1	137		18.47			
100	PI/2 BPSK	1	271		18.48			
100	PI/2 BPSK	135	0		18.47		20.0	0.0
100	PI/2 BPSK	135	69		18.56		20.0	0.0
100	PI/2 BPSK	135	138		18.48		20.0	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.63		20.0	0.0
100	QPSK	1	137		18.52			
100	QPSK	1	271		18.56			
100	QPSK	135	0		18.55		20.0	0.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		18.53		20.0	0.0
100	QPSK	270	0		18.53			
100	16QAM	1	1		18.56		20.0	0.0
100	64QAM	1	1		18.54		20.0	0.0
100	256QAM	1	1		18.52		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.56	18.55	18.57	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.48	18.51	18.48	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.54	18.55	18.47	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.53	18.48	18.59	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.52	18.45	18.49	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.49	18.59	18.45	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.47	18.49	18.45	20.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.59	18.53	18.46	20.0	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	18.45	18.54	20.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.51	18.45	18.57	20.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.53	18.46	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.03		23.0	0.0
100	PI/2 BPSK	1	137		22.04			
100	PI/2 BPSK	1	271		21.92			
100	PI/2 BPSK	135	0		21.91		23.0	0.0
100	PI/2 BPSK	135	69		21.96		23.0	0.0
100	PI/2 BPSK	135	138		21.99		23.0	0.0
100	PI/2 BPSK	270	0		22.00			
100	QPSK	1	1		22.08		23.0	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		21.96			
100	QPSK	135	0		21.66		23.0	0.0
100	QPSK	135	69		22.05		23.0	0.0
100	QPSK	135	138		21.50		23.0	0.0
100	QPSK	270	0		21.98			
100	16QAM	1	1		21.73		23.0	0.0
100	64QAM	1	1		20.73		21.5	1.5
100	256QAM	1	1		18.63		19.5	3.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.02	22.04	21.90	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	22.00	21.93	21.93	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	21.98	22.03	22.04	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	21.93	22.00	21.97	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	21.93	21.95	22.02	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	21.93	21.91	21.96	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	21.97	21.99	21.97	23.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.04	22.03	21.91	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	22.04	22.03	22.04	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	22.02	21.91	22.00	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	21.97	21.91	21.92	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.38	18.38	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.24	18.32	18.25		
100	PI/2 BPSK	1	271	18.24	18.33	18.11		
100	PI/2 BPSK	135	0	18.31	18.35	18.23	20.0	0.0
100	PI/2 BPSK	135	69	18.35	18.38	18.24	20.0	0.0
100	PI/2 BPSK	135	138	18.25	18.26	18.11	20.0	0.0
100	PI/2 BPSK	270	0	18.29	18.34	18.21		
100	QPSK	1	1	18.40	18.43	18.28	20.0	0.0
100	QPSK	1	137	18.35	18.26	18.23		
100	QPSK	1	271	18.38	18.39	18.12		
100	QPSK	135	0	18.34	18.31	18.11	20.0	0.0
100	QPSK	135	69	18.39	18.40	18.26	20.0	0.0
100	QPSK	135	138	18.38	18.35	18.13	20.0	0.0
100	QPSK	270	0	18.35	18.38	18.23		
100	16QAM	1	1	18.33	18.38	18.20	20.0	0.0
100	64QAM	1	1	18.38	18.34	18.18	20.0	0.0
100	256QAM	1	1	18.08	18.18	18.10	19.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.25	18.25	18.14	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.31	18.27	18.24	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.33	18.29	18.25	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.31	18.26	18.21	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.36	18.39	18.25	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.34	18.30	18.23	20.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.25	18.36	18.13	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.24	18.36	18.15	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.30	18.32	18.13	20.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.28	18.30	18.24	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.37	18.27	18.11	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.76	21.77	21.58	23.0	0.0
100	PI/2 BPSK	1	137	21.70	21.73	21.48		
100	PI/2 BPSK	1	271	21.75	21.82	21.47		
100	PI/2 BPSK	135	0	21.82	21.73	21.48	23.0	0.0
100	PI/2 BPSK	135	69	21.76	21.79	21.48	23.0	0.0
100	PI/2 BPSK	135	138	21.76	21.77	21.49	23.0	0.0
100	PI/2 BPSK	270	0	21.69	21.77	21.56		
100	QPSK	1	1	21.85	21.88	21.81	23.0	0.0
100	QPSK	1	137	21.82	21.70	21.58		
100	QPSK	1	271	21.78	21.83	21.49		
100	QPSK	135	0	21.19	21.33	21.18	23.0	0.0
100	QPSK	135	69	21.83	21.85	21.60	23.0	0.0
100	QPSK	135	138	21.10	21.15	21.10	23.0	0.0
100	QPSK	270	0	21.80	21.83	21.58		
100	16QAM	1	1	21.83	21.82	21.81	23.0	0.0
100	64QAM	1	1	20.41	20.48	20.32	21.5	1.5
100	256QAM	1	1	18.28	18.34	18.22	19.5	3.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.73	21.81	21.52	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.73	21.82	21.47	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.75	21.73	21.56	23.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.70	21.73	21.58	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.71	21.72	21.55	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.69	21.71	21.49	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	21.76	21.82	21.51	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.69	21.77	21.53	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.78	21.79	21.45	23.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.76	21.80	21.48	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.76	21.71	21.59	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.68		24.5	0.0
100	PI/2 BPSK	1	137		23.54			
100	PI/2 BPSK	1	271		23.66			
100	PI/2 BPSK	135	0		23.62		24.5	0.0
100	PI/2 BPSK	135	69		23.60		24.5	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70		24.5	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.65		24.5	0.0
100	QPSK	135	69		23.68		24.5	0.0
100	QPSK	135	138		23.60		24.5	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.42		24.5	0.0
100	64QAM	1	1		23.46		24.5	0.0
100	256QAM	1	1		22.42		23.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.59	23.60	23.52	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.63	23.52	23.56	24.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.60	23.53	23.54	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.56	23.61	23.62	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.52	23.54	23.54	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.60	23.52	23.61	24.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.54	23.57	23.60	24.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.56	23.63	23.56	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.53	23.58	23.53	24.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.61	23.61	23.59	24.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.58	23.63	23.61	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.13		27.5	0.0
100	PI/2 BPSK	1	137		27.10			
100	PI/2 BPSK	1	271		27.12			
100	PI/2 BPSK	135	0		26.65		27.0	0.5
100	PI/2 BPSK	135	69		27.11		27.5	0.0
100	PI/2 BPSK	135	138		26.61		27.0	0.5
100	PI/2 BPSK	270	0		26.58			
100	QPSK	1	1		27.15		27.5	0.0
100	QPSK	1	137		27.05			
100	QPSK	1	271		27.08			
100	QPSK	135	0		26.25		26.5	1.0
100	QPSK	135	69		27.13		27.5	0.0
100	QPSK	135	138		26.14		26.5	1.0
100	QPSK	270	0		26.15			
100	16QAM	1	1		26.20		26.5	1.0
100	64QAM	1	1		24.78		25.0	2.5
100	256QAM	1	1		22.56		23.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	27.10	27.00	26.99	27.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	27.10	27.02	27.04	27.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	27.09	27.00	27.09	27.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	27.06	27.05	27.02	27.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	27.03	27.00	27.08	27.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	27.05	27.03	27.03	27.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	26.99	27.05	27.08	27.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	27.09	27.07	27.01	27.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	27.03	27.02	27.05	27.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	27.09	26.99	27.09	27.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	27.06	27.02	27.09	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.62		24.5	0.0
100	PI/2 BPSK	1	137		23.55			
100	PI/2 BPSK	1	271		23.60			
100	PI/2 BPSK	135	0		23.60		24.5	0.0
100	PI/2 BPSK	135	69		23.60		24.5	0.0
100	PI/2 BPSK	135	138		23.58		24.5	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		23.65		24.5	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.63			
100	QPSK	135	0		23.60		24.5	0.0
100	QPSK	135	69		23.63		24.5	0.0
100	QPSK	135	138		23.61		24.5	0.0
100	QPSK	270	0		23.60			
100	16QAM	1	1		23.28		24.5	0.0
100	64QAM	1	1		23.36		24.5	0.0
100	256QAM	1	1		22.41		23.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.59	23.52	23.60	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.57	23.56	23.57	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.51	23.56	23.50	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.53	23.51	23.52	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.53	23.51	23.60	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.52	23.49	23.53	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.52	23.59	23.52	24.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.51	23.60	23.49	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.55	23.57	23.52	24.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.60	23.54	23.55	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.55	23.59	23.55	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.08		27.5	0.0
100	PI/2 BPSK	1	137		27.03			
100	PI/2 BPSK	1	271		27.01			
100	PI/2 BPSK	135	0		26.62		27.0	0.5
100	PI/2 BPSK	135	69		27.02		27.5	0.0
100	PI/2 BPSK	135	138		26.58		27.0	0.5
100	PI/2 BPSK	270	0		26.69			
100	QPSK	1	1		27.11		27.5	0.0
100	QPSK	1	137		27.05			
100	QPSK	1	271		27.08			
100	QPSK	135	0		26.17		26.5	1.0
100	QPSK	135	69		27.08		27.5	0.0
100	QPSK	135	138		26.15		26.5	1.0
100	QPSK	270	0		26.10			
100	16QAM	1	1		26.11		26.5	1.0
100	64QAM	1	1		24.73		25.0	2.5
100	256QAM	1	1		22.58		23.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	27.00	27.03	26.95	27.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	27.05	27.06	27.02	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.02	26.96	26.95	27.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	27.06	27.00	27.05	27.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	27.04	27.01	26.98	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.00	27.02	27.04	27.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	26.99	26.99	26.96	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.02	27.04	27.05	27.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.96	27.01	27.04	27.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	27.02	26.96	27.00	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.00	27.05	27.05	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.07		25.0	0.0
100	PI/2 BPSK	1	137		23.84			
100	PI/2 BPSK	1	271		23.97			
100	PI/2 BPSK	135	0		24.03		25.0	0.0
100	PI/2 BPSK	135	69		24.00		25.0	0.0
100	PI/2 BPSK	135	138		24.01		25.0	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.10		25.0	0.0
100	QPSK	1	137		23.88			
100	QPSK	1	271		23.98			
100	QPSK	135	0		24.03		25.0	0.0
100	QPSK	135	69		24.06		25.0	0.0
100	QPSK	135	138		24.00		25.0	0.0
100	QPSK	270	0		24.02			
100	16QAM	1	1		23.76		25.0	0.0
100	64QAM	1	1		22.59		24.0	1.0
100	256QAM	1	1		21.09		22.0	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.97	23.97	23.99	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.94	23.95	23.94	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.04	24.02	24.03	25.0	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	23.97	24.05	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.05	24.01	23.94	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.98	24.04	24.03	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.98	24.04	23.97	25.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.02	24.02	24.00	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.95	24.03	23.98	25.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.97	23.94	23.96	25.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.50	23.44	23.51	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.43		26.5	0.0
100	PI/2 BPSK	1	137		25.40			
100	PI/2 BPSK	1	271		25.36			
100	PI/2 BPSK	135	0		24.80		26.0	0.5
100	PI/2 BPSK	135	69		25.42		26.5	0.0
100	PI/2 BPSK	135	138		24.68		26.0	0.5
100	PI/2 BPSK	270	0		24.65			
100	QPSK	1	1		25.45		26.5	0.0
100	QPSK	1	137		25.41			
100	QPSK	1	271		25.38			
100	QPSK	135	0		24.42		25.5	1.0
100	QPSK	135	69		25.42		26.5	0.0
100	QPSK	135	138		24.38		25.5	1.0
100	QPSK	270	0		24.31			
100	16QAM	1	1		24.32		25.5	1.0
100	64QAM	1	1		22.89		24.0	2.5
100	256QAM	1	1		20.74		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	25.36	25.38	25.37	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	25.38	25.37	25.30	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	25.29	25.35	25.36	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	25.33	25.31	25.36	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	25.30	25.39	25.33	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	25.39	25.39	25.35	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	25.38	25.37	25.35	26.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.37	25.40	25.34	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	25.30	25.31	25.29	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	25.32	25.34	25.34	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	25.32	25.32	25.40	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.03		25.0	0.0
100	PI/2 BPSK	1	137		23.95			
100	PI/2 BPSK	1	271		23.98			
100	PI/2 BPSK	135	0		24.00		25.0	0.0
100	PI/2 BPSK	135	69		24.01		25.0	0.0
100	PI/2 BPSK	135	138		23.98		25.0	0.0
100	PI/2 BPSK	270	0		24.00			
100	QPSK	1	1		24.05		25.0	0.0
100	QPSK	1	137		23.96			
100	QPSK	1	271		24.02			
100	QPSK	135	0		24.00		25.0	0.0
100	QPSK	135	69		24.03		25.0	0.0
100	QPSK	135	138		23.98		25.0	0.0
100	QPSK	270	0		24.00			
100	16QAM	1	1		23.67		25.0	0.0
100	64QAM	1	1		22.51		24.0	1.0
100	256QAM	1	1		21.14		22.0	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.91	23.93	23.90	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.91	23.96	24.00	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.93	23.93	23.97	25.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.92	23.93	23.94	25.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.96	23.94	23.89	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.91	23.89	23.90	25.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.99	23.95	23.95	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.98	23.94	24.00	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.99	23.99	23.93	25.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.94	23.99	23.92	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.00	23.99	23.99	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.46		26.5	0.0
100	PI/2 BPSK	1	137		25.42			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		24.82		26.0	0.5
100	PI/2 BPSK	135	69		25.43		26.5	0.0
100	PI/2 BPSK	135	138		24.86		26.0	0.5
100	PI/2 BPSK	270	0		24.83			
100	QPSK	1	1		25.50		26.5	0.0
100	QPSK	1	137		25.48			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.58		25.5	1.0
100	QPSK	135	69		25.45		26.5	0.0
100	QPSK	135	138		24.56		25.5	1.0
100	QPSK	270	0		24.45			
100	16QAM	1	1		24.26		25.5	1.0
100	64QAM	1	1		22.87		24.0	2.5
100	256QAM	1	1		20.78		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	25.45	25.37	25.34	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	25.40	25.37	25.35	26.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.39	25.43	25.39	26.5	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.34	25.40	25.44	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	25.36	25.38	25.38	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.38	25.39	25.42	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	25.43	25.44	25.35	26.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.36	25.44	25.34	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	25.39	25.43	25.35	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	25.39	25.36	25.34	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.40	25.36	25.43	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.07		18.5	0.0
100	PI/2 BPSK	1	137		17.02			
100	PI/2 BPSK	1	271		17.08			
100	PI/2 BPSK	135	0		16.98		18.5	0.0
100	PI/2 BPSK	135	69		17.03		18.5	0.0
100	PI/2 BPSK	135	138		17.04		18.5	0.0
100	PI/2 BPSK	270	0		17.01			
100	QPSK	1	1		17.12		18.5	0.0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.97		18.5	0.0
100	QPSK	135	69		17.10		18.5	0.0
100	QPSK	135	138		16.98		18.5	0.0
100	QPSK	270	0		17.08			
100	16QAM	1	1		17.00		18.5	0.0
100	64QAM	1	1		16.95		18.5	0.0
100	256QAM	1	1		17.02		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	17.06	17.04	17.09	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	16.98	17.08	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	16.95	17.09	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	16.96	16.97	16.99	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	16.98	17.07	16.99	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	17.02	16.99	17.08	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	17.03	17.02	17.07	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.96	17.05	17.01	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	16.97	16.96	17.08	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	16.97	16.96	17.07	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	16.96	17.03	17.04	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.60		21.5	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.66			
100	PI/2 BPSK	135	0		20.68		21.5	0.0
100	PI/2 BPSK	135	69		20.67		21.5	0.0
100	PI/2 BPSK	135	138		20.60		21.5	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.73		21.5	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.64			
100	QPSK	135	0		20.66		21.5	0.0
100	QPSK	135	69		20.71		21.5	0.0
100	QPSK	135	138		20.62		21.5	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.58		21.5	0.0
100	64QAM	1	1		20.66		21.5	0.0
100	256QAM	1	1		20.60		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.65	20.60	20.63	21.5	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	20.57	20.59	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.63	20.69	20.66	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.57	20.58	20.61	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.70	20.69	20.64	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.58	20.56	20.66	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.63	20.59	20.64	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.69	20.59	20.67	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.65	20.66	20.63	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.60	20.61	20.67	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.60	20.66	20.57	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.91		18.5	0.0
100	PI/2 BPSK	1	137		16.93			
100	PI/2 BPSK	1	271		16.85			
100	PI/2 BPSK	135	0		16.87		18.5	0.0
100	PI/2 BPSK	135	69		16.87		18.5	0.0
100	PI/2 BPSK	135	138		16.91		18.5	0.0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.02		18.5	0.0
100	QPSK	1	137		16.97			
100	QPSK	1	271		16.96			
100	QPSK	135	0		16.90		18.5	0.0
100	QPSK	135	69		17.00		18.5	0.0
100	QPSK	135	138		16.96		18.5	0.0
100	QPSK	270	0		16.98			
100	16QAM	1	1		16.91		18.5	0.0
100	64QAM	1	1		16.87		18.5	0.0
100	256QAM	1	1		16.93		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	16.97	16.96	16.89	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	16.88	16.98	16.94	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.89	16.98	16.88	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	16.99	16.92	16.91	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	16.85	16.97	16.87	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.93	16.96	16.88	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	16.86	16.96	16.92	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.90	16.95	16.87	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	16.96	16.90	16.93	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	16.95	16.94	16.85	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.97	16.92	16.96	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.61		21.5	0.0
100	PI/2 BPSK	1	137		20.57			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.53		21.5	0.0
100	PI/2 BPSK	135	69		20.61		21.5	0.0
100	PI/2 BPSK	135	138		20.62		21.5	0.0
100	PI/2 BPSK	270	0		20.51			
100	QPSK	1	1		20.67		21.5	0.0
100	QPSK	1	137		20.52			
100	QPSK	1	271		20.59			
100	QPSK	135	0		20.64		21.5	0.0
100	QPSK	135	69		20.65		21.5	0.0
100	QPSK	135	138		20.55		21.5	0.0
100	QPSK	270	0		20.63			
100	16QAM	1	1		20.53		21.5	0.0
100	64QAM	1	1		20.57		21.5	0.0
100	256QAM	1	1		20.61		21.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.58	20.55	20.54	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.63	20.57	20.52	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.50	20.54	20.53	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.52	20.57	20.60	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.52	20.63	20.60	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.56	20.52	20.55	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.58	20.52	20.60	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.54	20.56	20.58	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.63	20.53	20.52	21.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.50	20.55	20.57	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.55	20.58	20.53	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.09		20.5	0.0
100	PI/2 BPSK	1	137		19.09			
100	PI/2 BPSK	1	271		19.11			
100	PI/2 BPSK	135	0		19.06		20.5	0.0
100	PI/2 BPSK	135	69		19.06		20.5	0.0
100	PI/2 BPSK	135	138		19.08		20.5	0.0
100	PI/2 BPSK	270	0		19.13			
100	QPSK	1	1		19.22		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.05			
100	QPSK	135	0		19.18		20.5	0.0
100	QPSK	135	69		19.20		20.5	0.0
100	QPSK	135	138		19.06		20.5	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.10		20.5	0.0
100	64QAM	1	1		19.08		20.5	0.0
100	256QAM	1	1		19.10		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.14	19.05	19.08	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.13	19.16	19.12	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.16	19.13	19.11	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.18	19.17	19.19	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.14	19.10	19.06	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.16	19.12	19.07	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.07	19.06	19.16	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.14	19.17	19.13	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.07	19.13	19.10	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.12	19.13	19.17	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.15	19.06	19.14	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.63		23.5	0.0
100	PI/2 BPSK	1	137		22.61			
100	PI/2 BPSK	1	271		22.62			
100	PI/2 BPSK	135	0		22.73		23.5	0.0
100	PI/2 BPSK	135	69		22.61		23.5	0.0
100	PI/2 BPSK	135	138		22.73		23.5	0.0
100	PI/2 BPSK	270	0		22.66		23.5	0.0
100	QPSK	1	1		22.78			
100	QPSK	1	137		22.65			
100	QPSK	1	271		22.67			
100	QPSK	135	0		22.71		23.5	0.0
100	QPSK	135	69		22.76		23.5	0.0
100	QPSK	135	138		22.73		23.5	0.0
100	QPSK	270	0		22.75			
100	16QAM	1	1		22.74		23.5	0.0
100	64QAM	1	1		22.67		23.5	0.0
100	256QAM	1	1		22.63		23.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.62	22.71	22.70	23.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.61	22.61	22.63	23.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.73	22.68	22.62	23.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.67	22.64	22.65	23.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.72	22.72	22.73	23.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.70	22.73	22.70	23.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.73	22.64	22.70	23.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.66	22.68	22.71	23.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.68	22.65	22.70	23.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.70	22.75	22.67	23.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.65	22.75	22.66	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.15		20.5	0.0
100	PI/2 BPSK	1	137		19.05			
100	PI/2 BPSK	1	271		19.07			
100	PI/2 BPSK	135	0		19.11		20.5	0.0
100	PI/2 BPSK	135	69		19.15		20.5	0.0
100	PI/2 BPSK	135	138		19.12		20.5	0.0
100	PI/2 BPSK	270	0		19.13			
100	QPSK	1	1		19.18			
100	QPSK	1	137		19.13			
100	QPSK	1	271		19.13			
100	QPSK	135	0		19.11		20.5	0.0
100	QPSK	135	69		19.16		20.5	0.0
100	QPSK	135	138		19.11		20.5	0.0
100	QPSK	270	0		19.15			
100	16QAM	1	1		19.01		20.5	0.0
100	64QAM	1	1		19.02		20.5	0.0
100	256QAM	1	1		19.15		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.06	19.15	19.13	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	19.10	19.13	19.06	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.01	19.09	19.10	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	19.01	19.15	19.04	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	19.08	19.11	19.15	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.01	19.13	19.08	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	19.01	19.05	19.08	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.09	19.04	19.01	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	19.05	19.05	19.02	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	19.09	19.05	19.09	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.11	19.05	19.14	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.06		23.5	0.0
100	PI/2 BPSK	1	137		22.05			
100	PI/2 BPSK	1	271		22.03			
100	PI/2 BPSK	135	0		22.09		23.5	0.0
100	PI/2 BPSK	135	69		22.02		23.5	0.0
100	PI/2 BPSK	135	138		21.98		23.5	0.0
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		22.15			
100	QPSK	1	137		22.00			
100	QPSK	1	271		22.09			
100	QPSK	135	0		21.98		23.5	0.0
100	QPSK	135	69		22.13		23.5	0.0
100	QPSK	135	138		22.03		23.5	0.0
100	QPSK	270	0		22.11			
100	16QAM	1	1		21.99		23.5	0.0
100	64QAM	1	1		21.98		23.5	0.0
100	256QAM	1	1		21.95		23.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.99	22.07	22.00	23.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.99	22.07	21.98	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.07	22.06	22.04	23.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.10	22.02	22.12	23.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.07	21.99	22.10	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.98	22.11	22.09	23.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.11	22.12	22.02	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.10	22.02	22.00	23.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.11	22.05	22.11	23.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.09	22.04	22.06	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.06	22.10	22.05	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.36	19.39	19.39	20.5	0.0
20	PI/2 BPSK	1	53	19.31	19.41	19.33		
20	PI/2 BPSK	1	104	19.40	19.38	19.27		
20	PI/2 BPSK	50	0	19.33	19.34	19.27	20.5	0.0
20	PI/2 BPSK	50	28	19.35	19.38	19.37	20.5	0.0
20	PI/2 BPSK	50	56	19.31	19.44	19.35		
20	PI/2 BPSK	100	0	19.32	19.35	19.28		
20	QPSK	1	1	19.46	19.50	19.44	20.5	0.0
20	QPSK	1	53	19.31	19.41	19.38		
20	QPSK	1	104	19.41	19.46	19.41		
20	QPSK	50	0	19.40	19.40	19.28	20.5	0.0
20	QPSK	50	28	19.45	19.48	19.42	20.5	0.0
20	QPSK	50	56	19.42	19.36	19.36		
20	QPSK	100	0	19.42	19.45	19.40		
20	16QAM	1	1	19.34	19.37	19.36	20.5	0.0
20	64QAM	1	1	19.43	19.45	19.32	20.5	0.0
20	256QAM	1	1	19.31	19.45	19.29	20.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.32	19.44	19.30	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.44	19.42	19.32	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.44	19.35	19.35	20.5	0.0

Reduced Power Mode for ECI5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.81	22.88	22.76	24.5	0.0
20	PI/2 BPSK	1	53	22.51	22.67	22.57		
20	PI/2 BPSK	1	104	22.76	22.85	22.76		
20	PI/2 BPSK	50	0	22.06	22.20	22.07	24.0	0.5
20	PI/2 BPSK	50	28	22.59	22.68	22.57	24.5	0.0
20	PI/2 BPSK	50	56	22.10	22.15	22.01	24.0	0.5
20	PI/2 BPSK	100	0	22.07	22.16	22.04		
20	QPSK	1	1	22.95	23.00	22.98	24.5	0.0
20	QPSK	1	53	22.88	22.83	22.75		
20	QPSK	1	104	22.92	22.89	22.95		
20	QPSK	50	0	21.78	21.75	21.73	23.5	1.0
20	QPSK	50	28	22.82	22.65	22.53	24.5	0.0
20	QPSK	50	56	21.77	21.69	21.74	23.5	1.0
20	QPSK	100	0	21.74	21.80	21.77		
20	16QAM	1	1	21.53	21.69	21.62	23.5	1.0
20	64QAM	1	1	20.03	20.16	20.01	22.0	2.5
20	256QAM	1	1	18.59	18.71	18.63	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.79	22.85	22.71	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.75	22.84	22.72	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.80	22.79	22.69	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.38	18.42	18.41	20.0	0.0
20	PI/2 BPSK	1	53	18.36	18.48	18.42		
20	PI/2 BPSK	1	104	18.29	18.39	18.40		
20	PI/2 BPSK	50	0	18.32	18.51	18.41	20.0	0.0
20	PI/2 BPSK	50	28	18.32	18.39	18.36	20.0	0.0
20	PI/2 BPSK	50	56	18.30	18.48	18.46	20.0	0.0
20	PI/2 BPSK	100	0	18.38	18.39	18.40		
20	QPSK	1	1	18.45	18.55	18.53	20.0	0.0
20	QPSK	1	53	18.29	18.37	18.41		
20	QPSK	1	104	18.42	18.45	18.37		
20	QPSK	50	0	18.33	18.41	18.37	20.0	0.0
20	QPSK	50	28	18.43	18.52	18.50	20.0	0.0
20	QPSK	50	56	18.37	18.42	18.38	20.0	0.0
20	QPSK	100	0	18.40	18.50	18.48		
20	16QAM	1	1	18.37	18.45	18.47	20.0	0.0
20	64QAM	1	1	18.37	18.41	18.39	20.0	0.0
20	256QAM	1	1	18.36	18.50	18.35	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.42	18.43	18.40	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.33	18.39	18.48	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.31	18.38	18.42	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.23	18.28	18.29	19.5	0.0
20	PI/2 BPSK	1	53	18.17	18.36	18.22		
20	PI/2 BPSK	1	104	18.12	18.38	18.29		
20	PI/2 BPSK	50	0	18.19	18.34	18.30	19.5	0.0
20	PI/2 BPSK	50	28	18.24	18.35	18.32	19.5	0.0
20	PI/2 BPSK	50	56	18.22	18.35	18.30		
20	PI/2 BPSK	100	0	18.21	18.28	18.26	19.5	0.0
20	QPSK	1	1	18.28	18.42	18.37		
20	QPSK	1	53	18.13	18.38	18.31	19.5	0.0
20	QPSK	1	104	18.15	18.37	18.29		
20	QPSK	50	0	18.16	18.39	18.23	19.5	0.0
20	QPSK	50	28	18.25	18.40	18.35	19.5	0.0
20	QPSK	50	56	18.14	18.28	18.22		
20	QPSK	100	0	18.23	18.37	18.33	19.5	0.0
20	16QAM	1	1	18.11	18.32	18.24	19.5	0.0
20	64QAM	1	1	18.20	18.31	18.22	19.5	0.0
20	256QAM	1	1	18.12	18.26	18.32	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.23	18.33	18.23	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.14	18.33	18.30	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.16	18.33	18.33	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.97	25.03	24.93	25.7	0.0
20	PI/2 BPSK	1	53	24.91	25.03	24.91		
20	PI/2 BPSK	1	104	24.86	24.92	24.82		
20	PI/2 BPSK	50	0	24.40	24.54	24.43	25.2	0.5
20	PI/2 BPSK	50	28	24.98	25.03	24.87	25.7	0.0
20	PI/2 BPSK	50	56	24.37	24.44	24.33	25.2	0.5
20	PI/2 BPSK	100	0	24.37	24.51	24.36		
20	QPSK	1	1	25.22	25.25	25.15	25.7	0.0
20	QPSK	1	53	25.20	25.12	25.12		
20	QPSK	1	104	25.08	25.04	25.00		
20	QPSK	50	0	23.92	24.01	23.86	24.7	1.0
20	QPSK	50	28	25.01	25.09	24.98	25.7	0.0
20	QPSK	50	56	23.78	23.94	23.85	24.7	1.0
20	QPSK	100	0	23.88	24.01	23.94		
20	16QAM	1	1	23.60	23.70	23.56	24.7	1.0
20	64QAM	1	1	22.17	22.24	22.17	23.2	2.5
20	256QAM	1	1	20.65	20.78	20.66	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.90	24.93	24.88	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.84	24.98	24.78	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	24.98	24.86	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.17	20.24	20.13	21.5	0.0
20	PI/2 BPSK	1	53	20.13	20.29	20.19		
20	PI/2 BPSK	1	104	20.24	20.26	20.15		
20	PI/2 BPSK	50	0	20.24	20.19	20.13	21.5	0.0
20	PI/2 BPSK	50	28	20.16	20.26	20.11	21.5	0.0
20	PI/2 BPSK	50	56	20.26	20.15	20.12	21.5	0.0
20	PI/2 BPSK	100	0	20.17	20.16	20.09		
20	QPSK	1	1	20.30	20.33	20.22	21.5	0.0
20	QPSK	1	53	20.22	20.17	20.06		
20	QPSK	1	104	20.15	20.29	20.10		
20	QPSK	50	0	20.14	20.25	20.19	21.5	0.0
20	QPSK	50	28	20.28	20.30	20.20	21.5	0.0
20	QPSK	50	56	20.26	20.28	20.07	21.5	0.0
20	QPSK	100	0	20.25	20.28	20.17		
20	16QAM	1	1	20.22	20.24	20.07	21.5	0.0
20	64QAM	1	1	20.25	20.23	20.15	21.5	0.0
20	256QAM	1	1	19.90	19.96	19.81	21.0	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.14	20.24	20.08	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.24	20.22	20.16	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.15	20.20	20.14	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.35	18.58	18.42	19.2	0.0
50	PI/2 BPSK	1	135	18.30	18.63	18.44		
50	PI/2 BPSK	1	268	18.33	18.62	18.49		
50	PI/2 BPSK	135	0	18.44	18.58	18.41	19.2	0.0
50	PI/2 BPSK	135	68	18.31	18.62	18.41	19.2	0.0
50	PI/2 BPSK	135	135	18.31	18.60	18.49	19.2	0.0
50	PI/2 BPSK	270	0	18.35	18.64	18.41		
50	QPSK	1	1	18.46	18.80	18.53	19.2	0.0
50	QPSK	1	135	18.32	18.59	18.47		
50	QPSK	1	268	18.43	18.71	18.43		
50	QPSK	135	0	18.44	18.64	18.47	19.2	0.0
50	QPSK	135	68	18.49	18.73	18.51	19.2	0.0
50	QPSK	135	135	18.31	18.60	18.37	19.2	0.0
50	QPSK	270	0	18.43	18.70	18.48		
50	16QAM	1	1	18.43	18.66	18.38	19.2	0.0
50	64QAM	1	1	18.43	18.67	18.45	19.2	0.0
50	256QAM	1	1	18.36	18.67	18.40	19.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.36	18.61	18.49	19.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.37	18.58	18.47	19.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.31	18.63	18.42	19.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.31	18.71	18.36	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.36	18.58	18.47	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.39	18.72	18.38	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.38	18.72	18.47	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.20	21.33	21.14	22.5	0.0
50	PI/2 BPSK	1	135	21.13	21.34	21.08		
50	PI/2 BPSK	1	268	21.22	21.30	21.15		
50	PI/2 BPSK	135	0	21.22	21.39	21.11	22.5	0.0
50	PI/2 BPSK	135	68	21.22	21.38	21.16	22.5	0.0
50	PI/2 BPSK	135	135	21.16	21.30	21.09	22.5	0.0
50	PI/2 BPSK	270	0	21.20	21.37	21.13		
50	QPSK	1	1	21.28	21.48	21.25	22.5	0.0
50	QPSK	1	135	21.20	21.38	21.09		
50	QPSK	1	268	21.15	21.33	21.13		
50	QPSK	135	0	21.18	21.43	21.14	22.5	0.0
50	QPSK	135	68	21.25	21.45	21.23	22.5	0.0
50	QPSK	135	135	21.16	21.43	21.16	22.5	0.0
50	QPSK	270	0	21.23	21.43	21.21		
50	16QAM	1	1	21.17	21.30	21.22	22.5	0.0
50	64QAM	1	1	20.85	20.79	20.78	22.5	0.0
50	256QAM	1	1	19.40	19.31	19.25	20.5	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.12	21.44	21.15	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.19	21.35	21.08	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.16	21.44	21.11	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.23	21.37	21.13	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.16	21.30	21.15	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.15	21.32	21.19	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.14	21.37	21.20	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.41	19.64	19.42	21.2	0.0
50	PI/2 BPSK	1	135	19.49	19.58	19.41		
50	PI/2 BPSK	1	268	19.44	19.63	19.44		
50	PI/2 BPSK	135	0	19.52	19.59	19.47	21.2	0.0
50	PI/2 BPSK	135	68	19.43	19.55	19.45	21.2	0.0
50	PI/2 BPSK	135	135	19.41	19.65	19.39	21.2	0.0
50	PI/2 BPSK	270	0	19.54	19.65	19.46		
50	QPSK	1	1	19.56	19.73	19.53	21.2	0.0
50	QPSK	1	135	19.54	19.55	19.39		
50	QPSK	1	268	19.52	19.64	19.42		
50	QPSK	135	0	19.53	19.67	19.36	21.2	0.0
50	QPSK	135	68	19.55	19.70	19.51	21.2	0.0
50	QPSK	135	135	19.52	19.66	19.36	21.2	0.0
50	QPSK	270	0	19.53	19.67	19.50		
50	16QAM	1	1	19.40	19.61	19.46	21.2	0.0
50	64QAM	1	1	19.42	19.62	19.50	21.2	0.0
50	256QAM	1	1	19.45	19.67	19.38	21.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.54	19.60	19.36	21.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.43	19.56	19.45	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.50	19.60	19.50	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.41	19.68	19.44	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.46	19.65	19.47	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.53	19.63	19.47	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.43	19.62	19.47	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.37	17.43	17.30	18.5	0.0
50	PI/2 BPSK	1	135	17.43	17.41	17.29		
50	PI/2 BPSK	1	268	17.40	17.35	17.36		
50	PI/2 BPSK	135	0	17.34	17.39	17.39	18.5	0.0
50	PI/2 BPSK	135	68	17.42	17.45	17.35	18.5	0.0
50	PI/2 BPSK	135	135	17.32	17.44	17.37		
50	PI/2 BPSK	270	0	17.44	17.47	17.41		
50	QPSK	1	1	17.46	17.53	17.45	18.5	0.0
50	QPSK	1	135	17.31	17.49	17.41		
50	QPSK	1	268	17.33	17.48	17.34		
50	QPSK	135	0	17.30	17.44	17.39	18.5	0.0
50	QPSK	135	68	17.45	17.50	17.43	18.5	0.0
50	QPSK	135	135	17.40	17.39	17.33		
50	QPSK	270	0	17.43	17.48	17.41		
50	16QAM	1	1	17.38	17.37	17.30	18.5	0.0
50	64QAM	1	1	17.43	17.37	17.34	18.5	0.0
50	256QAM	1	1	17.42	17.41	17.40	18.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.34	17.44	17.33	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.37	17.44	17.40	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.36	17.42	17.42	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.40	17.46	17.30	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.32	17.40	17.30	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.37	17.36	17.38	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.41	17.42	17.40	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.43	24.58	24.52	25.5	0.0
15	PI/2 BPSK	1	40	24.48	24.54	24.49		
15	PI/2 BPSK	1	77	24.51	24.62	24.51		
15	PI/2 BPSK	36	0	23.99	24.07	23.94	25.0	0.5
15	PI/2 BPSK	36	22	24.46	24.52	24.37	25.5	0.0
15	PI/2 BPSK	36	43	23.90	24.00	23.84	25.0	0.5
15	PI/2 BPSK	75	0	23.89	24.03	23.92		
15	QPSK	1	1	24.70	24.75	24.73	25.5	0.0
15	QPSK	1	40	24.69	24.65	24.59		
15	QPSK	1	77	24.55	24.63	24.71		
15	QPSK	36	0	23.38	23.43	23.36	24.5	1.0
15	QPSK	36	22	24.33	24.48	24.40	25.5	0.0
15	QPSK	36	43	23.40	23.49	23.35	24.5	1.0
15	QPSK	75	0	23.47	23.52	23.36		
15	16QAM	1	1	23.23	23.36	23.30	24.5	1.0
15	64QAM	1	1	21.81	21.89	21.79	23.0	2.5
	256QAM	1	1	20.25	20.38	20.26	21.0	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.27	24.49	24.39	25.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.36	24.45	24.43	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.52	22.56	22.46	24.0	0.0
15	PI/2 BPSK	1	40	22.54	22.53	22.40		
15	PI/2 BPSK	1	77	22.50	22.48	22.52		
15	PI/2 BPSK	36	0	22.41	22.48	22.44	24.0	0.0
15	PI/2 BPSK	36	22	22.44	22.50	22.38	24.0	0.0
15	PI/2 BPSK	36	43	22.50	22.49	22.50	24.0	0.0
15	PI/2 BPSK	75	0	22.44	22.53	22.46		
15	QPSK	1	1	22.60	22.61	22.58	24.0	0.0
15	QPSK	1	40	22.40	22.50	22.42		
15	QPSK	1	77	22.44	22.45	22.45		
15	QPSK	36	0	22.43	22.50	22.47	24.0	0.0
15	QPSK	36	22	22.55	22.58	22.53	24.0	0.0
15	QPSK	36	43	22.40	22.41	22.35	24.0	0.0
15	QPSK	75	0	22.43	22.45	22.43		
15	16QAM	1	1	22.12	22.28	22.22	24.0	0.0
15	64QAM	1	1	21.16	21.32	21.25	23.0	1.0
	256QAM	1	1	19.66	19.81	19.74	21.0	3.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.41	22.57	22.47	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.53	22.57	22.50	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.06	25.21	25.07	25.7	0.0
20	PI/2 BPSK	1	53	24.92	25.06	24.93		
20	PI/2 BPSK	1	104	24.91	24.96	24.80		
20	PI/2 BPSK	50	0	24.47	24.59	24.44	25.2	0.5
20	PI/2 BPSK	50	28	25.02	25.07	24.91	25.7	0.0
20	PI/2 BPSK	50	56	24.40	24.54	24.44	25.2	0.5
20	PI/2 BPSK	100	0	24.54	24.61	24.47		
20	QPSK	1	1	25.15	25.35	25.08	25.7	0.0
20	QPSK	1	53	25.13	25.25	24.96		
20	QPSK	1	104	25.06	25.10	24.86		
20	QPSK	50	0	24.00	24.10	23.99	24.7	1.0
20	QPSK	50	28	24.95	25.03	24.95	25.7	0.0
20	QPSK	50	56	23.96	24.02	23.95	24.7	1.0
20	QPSK	100	0	24.01	24.06	23.92		
20	16QAM	1	1	23.78	23.87	23.76	24.7	1.0
20	64QAM	1	1	22.29	22.44	22.35	23.2	2.5
20	256QAM	1	1	20.82	20.96	20.80	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.92	25.12	24.96	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.90	25.09	24.91	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	24.96	25.15	24.91	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.41	20.47	20.40	21.5	0.0
20	PI/2 BPSK	1	53	20.39	20.35	20.38		
20	PI/2 BPSK	1	104	20.32	20.45	20.37		
20	PI/2 BPSK	50	0	20.44	20.38	20.37	21.5	0.0
20	PI/2 BPSK	50	28	20.31	20.40	20.33	21.5	0.0
20	PI/2 BPSK	50	56	20.39	20.37	20.37	21.5	0.0
20	PI/2 BPSK	100	0	20.36	20.48	20.26		
20	QPSK	1	1	20.48	20.53	20.43	21.5	0.0
20	QPSK	1	53	20.36	20.39	20.39		
20	QPSK	1	104	20.31	20.45	20.27		
20	QPSK	50	0	20.39	20.45	20.28	21.5	0.0
20	QPSK	50	28	20.46	20.50	20.41	21.5	0.0
20	QPSK	50	56	20.33	20.41	20.35	21.5	0.0
20	QPSK	100	0	20.43	20.48	20.40		
20	16QAM	1	1	20.32	20.36	20.34	21.5	0.0
20	64QAM	1	1	20.40	20.44	20.30	21.5	0.0
20	256QAM	1	1	20.40	20.40	20.40	21.0	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.40	20.49	20.36	21.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.42	20.43	20.29	21.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.31	20.37	20.36	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.90	18.96	18.81	20.0	0.0
40	PI/2 BPSK	1	108	18.88	18.97	18.85		
40	PI/2 BPSK	1	214	18.95	18.88	18.81		
40	PI/2 BPSK	108	0	18.93	19.00	18.88	20.0	0.0
40	PI/2 BPSK	108	54	18.83	18.93	18.80	20.0	0.0
40	PI/2 BPSK	108	108	18.87	18.90	18.88	20.0	0.0
40	PI/2 BPSK	216	0	18.88	18.95	18.89		
40	QPSK	1	1	18.98	19.03	18.96	20.0	0.0
40	QPSK	1	108	18.83	18.87	18.94		
40	QPSK	1	214	18.91	18.88	18.86		
40	QPSK	108	0	18.89	18.90	18.91	20.0	0.0
40	QPSK	108	54	18.96	19.01	18.95	20.0	0.0
40	QPSK	108	108	18.81	18.93	18.88	20.0	0.0
40	QPSK	216	0	18.95	18.98	18.93		
40	16QAM	1	1	18.84	18.92	18.83	20.0	0.0
40	64QAM	1	1	18.93	18.92	18.85	20.0	0.0
40	256QAM	1	1	18.86	18.98	18.93	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.88	18.95	18.83	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.82	18.92	18.82	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.95	18.90	18.85	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.85	18.87	18.86	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.86	18.89	18.94	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.81	18.93	18.87	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.75	22.70	22.70	24.5	0.0
40	PI/2 BPSK	1	108	22.68	22.53	22.52		
40	PI/2 BPSK	1	214	22.69	22.58	22.57		
40	PI/2 BPSK	108	0	22.13	22.02	22.06	24.0	0.5
40	PI/2 BPSK	108	54	22.81	22.69	22.75	24.5	0.0
40	PI/2 BPSK	108	108	22.20	22.05	22.11	24.0	0.5
40	PI/2 BPSK	216	0	22.27	22.18	22.18		
40	QPSK	1	1	22.90	23.03	22.92	24.5	0.0
40	QPSK	1	108	22.87	22.94	22.90		
40	QPSK	1	214	22.83	22.91	22.64		
40	QPSK	108	0	21.59	21.72	21.63	23.5	1.0
40	QPSK	108	54	22.68	22.74	22.61	24.5	0.0
40	QPSK	108	108	21.63	21.77	21.51	23.5	1.0
40	QPSK	216	0	21.64	21.78	21.51		
40	16QAM	1	1	21.37	21.25	21.30	23.5	1.0
40	64QAM	1	1	20.05	19.95	20.00	22.0	2.5
40	256QAM	1	1	18.64	18.53	18.51	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.88	22.67	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.89	22.65	22.77	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.94	22.76	22.84	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.94	22.66	22.76	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	22.76	22.87	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.87	22.73	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.47	18.66	18.39	20.0	0.0
40	PI/2 BPSK	1	108	18.55	18.67	18.48		
40	PI/2 BPSK	1	214	18.61	18.70	18.44		
40	PI/2 BPSK	108	0	18.58	18.77	18.45	20.0	0.0
40	PI/2 BPSK	108	54	18.48	18.78	18.46	20.0	0.0
40	PI/2 BPSK	108	108	18.60	18.77	18.45	20.0	0.0
40	PI/2 BPSK	216	0	18.60	18.75	18.35		
40	QPSK	1	1	18.65	18.83	18.51	20.0	0.0
40	QPSK	1	108	18.51	18.79	18.38		
40	QPSK	1	214	18.48	18.65	18.40		
40	QPSK	108	0	18.49	18.67	18.41	20.0	0.0
40	QPSK	108	54	18.62	18.80	18.50	20.0	0.0
40	QPSK	108	108	18.61	18.70	18.43	20.0	0.0
40	QPSK	216	0	18.60	18.78	18.47		
40	16QAM	1	1	18.57	18.66	18.47	20.0	0.0
40	64QAM	1	1	18.56	18.67	18.36	20.0	0.0
40	256QAM	1	1	18.55	18.73	18.44	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.50	18.78	18.37	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.47	18.75	18.37	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.60	18.72	18.49	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.56	18.76	18.42	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.50	18.74	18.41	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.56	18.78	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.96	16.90	16.79	18.5	0.0
40	PI/2 BPSK	1	108	16.89	17.02	16.70		
40	PI/2 BPSK	1	214	16.94	16.90	16.72		
40	PI/2 BPSK	108	0	16.91	17.01	16.77	18.5	0.0
40	PI/2 BPSK	108	54	16.92	16.99	16.73	18.5	0.0
40	PI/2 BPSK	108	108	16.95	16.99	16.80	18.5	0.0
40	PI/2 BPSK	216	0	16.88	17.00	16.80		
40	QPSK	1	1	17.05	17.08	16.89	18.5	0.0
40	QPSK	1	108	16.94	17.02	16.81		
40	QPSK	1	214	16.99	16.96	16.77		
40	QPSK	108	0	16.97	17.01	16.79	18.5	0.0
40	QPSK	108	54	17.03	17.05	16.85	18.5	0.0
40	QPSK	108	108	16.88	17.02	16.77	18.5	0.0
40	QPSK	216	0	17.00	17.01	16.83		
40	16QAM	1	1	16.99	16.94	16.76	18.5	0.0
40	64QAM	1	1	16.91	16.98	16.74	18.5	0.0
40	256QAM	1	1	16.91	17.02	16.83	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.92	17.02	16.72	18.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.02	17.00	16.84	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.96	17.03	16.80	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.93	16.98	16.74	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.89	17.04	16.75	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.95	16.98	16.72	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.60	18.74	18.66	19.7	0.0
40	PI/2 BPSK	1	53	18.60	18.74	18.68		
40	PI/2 BPSK	1	104	18.56	18.68	18.70		
40	PI/2 BPSK	50	0	18.53	18.63	18.63	19.7	0.0
40	PI/2 BPSK	50	28	18.54	18.71	18.70	19.7	0.0
40	PI/2 BPSK	50	56	18.56	18.66	18.68	19.7	0.0
40	PI/2 BPSK	100	0	18.54	18.65	18.60		
40	QPSK	1	1	18.70	18.78	18.73	19.7	0.0
40	QPSK	1	53	18.66	18.61	18.64		
40	QPSK	1	104	18.52	18.65	18.58		
40	QPSK	50	0	18.65	18.65	18.64	19.7	0.0
40	QPSK	50	28	18.67	18.75	18.71	19.7	0.0
40	QPSK	50	56	18.62	18.69	18.65	19.7	0.0
40	QPSK	100	0	18.65	18.73	18.70		
40	16QAM	1	1	18.64	18.71	18.62	19.7	0.0
40	64QAM	1	1	18.56	18.63	18.64	19.7	0.0
40	256QAM	1	1	18.53	18.65	18.70	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.61	18.72	18.63	19.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.53	18.70	18.60	19.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.52	18.73	18.69	19.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.56	18.61	18.56	19.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.59	18.68	18.63	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.38	20.34	20.28	22.0	0.0
40	PI/2 BPSK	1	53	20.38	20.37	20.23		
40	PI/2 BPSK	1	104	20.41	20.39	20.29		
40	PI/2 BPSK	50	0	20.34	20.44	20.34	22.0	0.0
40	PI/2 BPSK	50	28	20.28	20.31	20.23	22.0	0.0
40	PI/2 BPSK	50	56	20.39	20.33	20.33	22.0	0.0
40	PI/2 BPSK	100	0	20.39	20.35	20.22		
40	QPSK	1	1	20.46	20.48	20.37	22.0	0.0
40	QPSK	1	53	20.38	20.43	20.24		
40	QPSK	1	104	20.34	20.30	20.26		
40	QPSK	50	0	20.35	20.40	20.34	22.0	0.0
40	QPSK	50	28	20.43	20.45	20.35	22.0	0.0
40	QPSK	50	56	20.32	20.42	20.22	22.0	0.0
40	QPSK	100	0	20.41	20.43	20.33		
40	16QAM	1	1	20.28	20.34	20.26	22.0	0.0
40	64QAM	1	1	20.36	20.31	20.31	22.0	0.0
40	256QAM	1	1	18.98	19.08	18.96	20.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.31	20.37	20.25	22.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.42	20.33	20.34	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.35	20.33	20.21	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.39	20.36	20.22	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.32	20.37	20.30	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.63	19.72	19.60	21.2	0.0
40	PI/2 BPSK	1	53	19.60	19.73	19.60		
40	PI/2 BPSK	1	104	19.73	19.70	19.62		
40	PI/2 BPSK	50	0	19.61	19.67	19.56	21.2	0.0
40	PI/2 BPSK	50	28	19.67	19.73	19.60	21.2	0.0
40	PI/2 BPSK	50	56	19.68	19.73	19.66	21.2	0.0
40	PI/2 BPSK	100	0	19.71	19.71	19.67		
40	QPSK	1	1	19.78	19.83	19.72	21.2	0.0
40	QPSK	1	53	19.63	19.72	19.62		
40	QPSK	1	104	19.73	19.69	19.55		
40	QPSK	50	0	19.66	19.69	19.65	21.2	0.0
40	QPSK	50	28	19.75	19.81	19.70	21.2	0.0
40	QPSK	50	56	19.63	19.79	19.65	21.2	0.0
40	QPSK	100	0	19.73	19.80	19.68		
40	16QAM	1	1	19.64	19.70	19.59	21.2	0.0
40	64QAM	1	1	19.68	19.77	19.69	21.2	0.0
40	256QAM	1	1	19.67	19.66	19.69	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.69	19.75	19.59	21.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.66	19.73	19.66	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.71	19.68	19.66	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.64	19.76	19.55	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.69	19.66	19.69	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.70	18.66	18.64	20.0	0.0
40	PI/2 BPSK	1	53	18.71	18.79	18.71		
40	PI/2 BPSK	1	104	18.69	18.67	18.69		
40	PI/2 BPSK	50	0	18.64	18.75	18.64	20.0	0.0
40	PI/2 BPSK	50	28	18.64	18.76	18.67	20.0	0.0
40	PI/2 BPSK	50	56	18.67	18.73	18.75	20.0	0.0
40	PI/2 BPSK	100	0	18.67	18.79	18.74		
40	QPSK	1	1	18.78	18.83	18.80	20.0	0.0
40	QPSK	1	53	18.71	18.71	18.68		
40	QPSK	1	104	18.64	18.70	18.67		
40	QPSK	50	0	18.66	18.67	18.64	20.0	0.0
40	QPSK	50	28	18.75	18.80	18.78	20.0	0.0
40	QPSK	50	56	18.65	18.75	18.77		
40	QPSK	100	0	18.73	18.78	18.75		
40	16QAM	1	1	18.71	18.77	18.74	20.0	0.0
40	64QAM	1	1	18.68	18.68	18.69	20.0	0.0
40	256QAM	1	1	18.71	18.66	18.77	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.63	18.72	18.76	20.0	0.0
Channel				516004	519000	521996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.69	18.73	18.68	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.63	18.72	18.77	20.0	0.0
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.67	18.66	18.67	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.71	18.68	18.63	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.35	17.37	17.09	18.5	0.0
100	PI/2 BPSK	1	137	17.35	17.36	17.03		
100	PI/2 BPSK	1	271	17.37	17.37	17.04		
100	PI/2 BPSK	135	0	17.40	17.38	17.02	18.5	0.0
100	PI/2 BPSK	135	69	17.44	17.43	17.11	18.5	0.0
100	PI/2 BPSK	135	138	17.38	17.40	17.01	18.5	0.0
100	PI/2 BPSK	270	0	17.42	17.40	17.13		
100	QPSK	1	1	17.50	17.53	17.18	18.5	0.0
100	QPSK	1	137	17.40	17.36	17.05		
100	QPSK	1	271	17.44	17.47	17.06		
100	QPSK	135	0	17.43	17.46	17.03	18.5	0.0
100	QPSK	135	69	17.47	17.50	17.16	18.5	0.0
100	QPSK	135	138	17.35	17.46	17.02	18.5	0.0
100	QPSK	270	0	17.45	17.47	17.13		
100	16QAM	1	1	17.37	17.35	17.04	18.5	0.0
100	64QAM	1	1	17.43	17.49	17.11	18.5	0.0
100	256QAM	1	1	17.41	17.41	17.10	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.42	17.41	17.07	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.42	17.41	17.05	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.37	17.35	17.11	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.42	17.44	17.12	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.32	17.48	17.03	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.38	17.45	17.11	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.37	17.47	17.07	18.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.39	17.49	17.05	18.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.43	17.14	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.77	20.76	20.61	21.5	0.0
100	PI/2 BPSK	1	137	20.64	20.71	20.51		
100	PI/2 BPSK	1	271	20.66	20.65	20.59		
100	PI/2 BPSK	135	0	20.77	20.67	20.62	21.5	0.0
100	PI/2 BPSK	135	69	20.68	20.72	20.58	21.5	0.0
100	PI/2 BPSK	135	138	20.65	20.69	20.53	21.5	0.0
100	PI/2 BPSK	270	0	20.71	20.71	20.53		
100	QPSK	1	1	20.80	20.83	20.67	21.5	0.0
100	QPSK	1	137	20.75	20.77	20.61		
100	QPSK	1	271	20.65	20.77	20.56		
100	QPSK	135	0	20.71	20.77	20.64	21.5	0.0
100	QPSK	135	69	20.78	20.80	20.65	21.5	0.0
100	QPSK	135	138	20.64	20.67	20.60	21.5	0.0
100	QPSK	270	0	20.75	20.78	20.63		
100	16QAM	1	1	20.74	20.67	20.57	21.5	0.0
100	64QAM	1	1	20.75	20.73	20.57	21.5	0.0
100	256QAM	1	1	20.68	20.69	20.51	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.73	20.65	20.55	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.66	20.66	20.50	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.70	20.73	20.58	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.64	20.69	20.64	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.68	20.68	20.54	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.67	20.79	20.54	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.64	20.74	20.56	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.76	20.74	20.59	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.73	20.72	20.60	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.13	20.24	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.15	20.23	20.05		
100	PI/2 BPSK	1	271	20.10	20.23	20.04		
100	PI/2 BPSK	135	0	20.09	20.14	19.99	21.5	0.0
100	PI/2 BPSK	135	69	20.12	20.17	20.10	21.5	0.0
100	PI/2 BPSK	135	138	20.08	20.21	19.98	21.5	0.0
100	PI/2 BPSK	270	0	20.06	20.12	20.00		
100	QPSK	1	1	20.22	20.28	20.15	21.5	0.0
100	QPSK	1	137	20.12	20.13	20.04		
100	QPSK	1	271	20.06	20.24	20.12		
100	QPSK	135	0	20.14	20.23	20.08	21.5	0.0
100	QPSK	135	69	20.20	20.25	20.13	21.5	0.0
100	QPSK	135	138	20.07	20.20	20.09	21.5	0.0
100	QPSK	270	0	20.18	20.23	20.11		
100	16QAM	1	1	20.16	20.15	19.99	21.5	0.0
100	64QAM	1	1	20.18	20.15	20.09	21.5	0.0
100	256QAM	1	1	20.08	20.10	20.12	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.13	20.19	20.04	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.12	20.16	20.08	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.19	20.20	20.07	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.18	20.16	19.98	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.05	20.16	20.04	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.09	20.17	20.07	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.07	20.22	20.09	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.14	20.14	20.03	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.10	20.18	20.10	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.36	23.42	23.12	24.5	0.0
100	PI/2 BPSK	1	137	23.29	23.40	23.06		
100	PI/2 BPSK	1	271	23.26	23.36	23.05		
100	PI/2 BPSK	135	0	23.27	23.39	23.18	24.5	0.0
100	PI/2 BPSK	135	69	23.39	23.35	23.08	24.5	0.0
100	PI/2 BPSK	135	138	23.33	23.43	23.05	24.5	0.0
100	PI/2 BPSK	270	0	23.29	23.34	23.09		
100	QPSK	1	1	23.43	23.48	23.23	24.5	0.0
100	QPSK	1	137	23.32	23.33	23.11		
100	QPSK	1	271	23.26	23.38	23.18		
100	QPSK	135	0	23.30	23.33	23.05	24.5	0.0
100	QPSK	135	69	23.41	23.45	23.20	24.5	0.0
100	QPSK	135	138	23.32	23.37	23.09	24.5	0.0
100	QPSK	270	0	23.38	23.43	23.18		
100	16QAM	1	1	23.26	23.35	23.11	24.5	0.0
100	64QAM	1	1	22.65	22.79	22.72	24.0	0.5
100	256QAM	1	1	21.45	21.58	21.45	22.0	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.37	23.33	23.07	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.30	23.31	23.10	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.29	23.40	23.14	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.37	23.41	23.17	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.29	23.36	23.07	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.37	23.30	23.19	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.31	23.35	23.16	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.38	23.38	23.05	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.30	23.32	23.14	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.94	20.01	19.84	21.0	0.0
100	PI/2 BPSK	1	137	19.96	19.98	19.80		
100	PI/2 BPSK	1	271	19.89	19.98	19.88		
100	PI/2 BPSK	135	0	19.91	20.05	19.81	21.0	0.0
100	PI/2 BPSK	135	69	19.90	20.09	19.92	21.0	0.0
100	PI/2 BPSK	135	138	19.97	19.99	19.82	21.0	0.0
100	PI/2 BPSK	270	0	19.94	20.10	19.87		
100	QPSK	1	1	20.03	20.15	19.96	21.0	0.0
100	QPSK	1	137	19.95	20.08	19.92		
100	QPSK	1	271	19.89	20.10	19.92		
100	QPSK	135	0	19.90	20.06	19.78	21.0	0.0
100	QPSK	135	69	20.00	20.13	19.93	21.0	0.0
100	QPSK	135	138	19.93	20.08	19.89	21.0	0.0
100	QPSK	270	0	19.98	20.10	19.90		
100	16QAM	1	1	19.92	20.10	19.84	21.0	0.0
100	64QAM	1	1	19.92	20.04	19.84	21.0	0.0
100	256QAM	1	1	19.96	20.03	19.84	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	20.12	19.82	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	20.06	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	20.10	19.79	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.93	20.07	19.91	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.97	20.02	19.91	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.89	20.04	19.86	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.10	19.79	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.86	20.00	19.91	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.93	20.05	19.91	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.10	23.37	23.04	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.30	23.07		
100	PI/2 BPSK	1	271	23.01	23.43	23.07		
100	PI/2 BPSK	135	0	23.02	23.44	23.03	24.0	0.0
100	PI/2 BPSK	135	69	23.05	23.41	23.08	24.0	0.0
100	PI/2 BPSK	135	138	23.10	23.40	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.05	23.43	23.16		
100	QPSK	1	1	23.15	23.48	23.20	24.0	0.0
100	QPSK	1	137	23.05	23.36	23.15		
100	QPSK	1	271	22.98	23.37	23.12		
100	QPSK	135	0	23.09	23.43	23.07	24.0	0.0
100	QPSK	135	69	23.13	23.45	23.17	24.0	0.0
100	QPSK	135	138	23.10	23.43	23.13	24.0	0.0
100	QPSK	270	0	23.11	23.43	23.15		
100	16QAM	1	1	23.09	23.35	23.12	24.0	0.0
100	64QAM	1	1	23.06	23.39	23.03	24.0	0.0
100	256QAM	1	1	22.08	22.17	22.05	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.03	23.35	23.15	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.44	23.14	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	23.41	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.03	23.36	23.16	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.10	23.40	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.33	23.16	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.10	23.31	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.43	23.16	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.11	23.31	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.58	16.66	16.61	18.0	0.0
100	PI/2 BPSK	1	137	16.58	16.69	16.67		
100	PI/2 BPSK	1	271	16.60	16.75	16.63		
100	PI/2 BPSK	135	0	16.56	16.70	16.67	18.0	0.0
100	PI/2 BPSK	135	69	16.59	16.74	16.62	18.0	0.0
100	PI/2 BPSK	135	138	16.61	16.66	16.64	18.0	0.0
100	PI/2 BPSK	270	0	16.52	16.68	16.65		
100	QPSK	1	1	16.68	16.80	16.71	18.0	0.0
100	QPSK	1	137	16.50	16.68	16.65		
100	QPSK	1	271	16.63	16.65	16.61		
100	QPSK	135	0	16.58	16.64	16.60	18.0	0.0
100	QPSK	135	69	16.65	16.78	16.70	18.0	0.0
100	QPSK	135	138	16.51	16.74	16.59	18.0	0.0
100	QPSK	270	0	16.63	16.75	16.68		
100	16QAM	1	1	16.61	16.74	16.69	18.0	0.0
100	64QAM	1	1	16.64	16.64	16.60	18.0	0.0
100	256QAM	1	1	16.55	16.77	16.61	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.51	16.76	16.61	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.60	16.73	16.57	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.57	16.65	16.68	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.60	16.75	16.55	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.57	16.64	16.60	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.58	16.63	16.62	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	16.57	16.77	16.68	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.53	16.73	16.56	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.58	16.63	16.68	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.29	20.38	20.10	21.0	0.0
100	PI/2 BPSK	1	137	20.33	20.36	20.03		
100	PI/2 BPSK	1	271	20.33	20.37	20.10		
100	PI/2 BPSK	135	0	20.27	20.36	20.01	21.0	0.0
100	PI/2 BPSK	135	69	20.32	20.35	20.08	21.0	0.0
100	PI/2 BPSK	135	138	20.23	20.34	20.03	21.0	0.0
100	PI/2 BPSK	270	0	20.37	20.27	19.97		
100	QPSK	1	1	20.40	20.43	20.13	21.0	0.0
100	QPSK	1	137	20.31	20.37	20.08		
100	QPSK	1	271	20.29	20.25	20.06		
100	QPSK	135	0	20.30	20.28	20.04	21.0	0.0
100	QPSK	135	69	20.38	20.40	20.11	21.0	0.0
100	QPSK	135	138	20.31	20.38	20.04	21.0	0.0
100	QPSK	270	0	20.35	20.37	20.10		
100	16QAM	1	1	20.37	20.35	20.01	21.0	0.0
100	64QAM	1	1	20.34	20.34	19.97	21.0	0.0
100	256QAM	1	1	20.24	20.34	19.96	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.33	20.25	20.06	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.36	20.25	19.99	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.29	20.30	20.09	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.24	20.35	19.98	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.37	20.29	20.02	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.33	20.35	19.98	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	20.26	20.37	20.01	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.31	20.39	20.01	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.26	20.38	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.17	17.32	17.21	18.2	0.0
40	PI/2 BPSK	1	53	17.11	17.30	17.20		
40	PI/2 BPSK	1	104	17.25	17.24	17.09		
40	PI/2 BPSK	50	0	17.15	17.20	17.17	18.2	0.0
40	PI/2 BPSK	50	28	17.19	17.26	17.09	18.2	0.0
40	PI/2 BPSK	50	56	17.25	17.29	17.09	18.2	0.0
40	PI/2 BPSK	100	0	17.18	17.22	17.21		
40	QPSK	1	1	17.29	17.38	17.25	18.2	0.0
40	QPSK	1	53	17.18	17.30	17.12		
40	QPSK	1	104	17.24	17.33	17.09		
40	QPSK	50	0	17.23	17.20	17.15	18.2	0.0
40	QPSK	50	28	17.26	17.35	17.23	18.2	0.0
40	QPSK	50	56	17.23	17.34	17.18	18.2	0.0
40	QPSK	100	0	17.25	17.33	17.21		
40	16QAM	1	1	17.20	17.24	17.10	18.2	0.0
40	64QAM	1	1	17.14	17.28	17.17	18.2	0.0
40	256QAM	1	1	17.24	17.29	17.09	18.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.16	17.32	17.17	18.2	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.25	17.31	17.08	18.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.18	17.23	17.08	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.28	17.21	17.21	19.0	0.0
40	PI/2 BPSK	1	53	17.15	17.32	17.19		
40	PI/2 BPSK	1	104	17.23	17.21	17.13		
40	PI/2 BPSK	50	0	17.20	17.33	17.14	19.0	0.0
40	PI/2 BPSK	50	28	17.21	17.22	17.17	19.0	0.0
40	PI/2 BPSK	50	56	17.23	17.24	17.18	19.0	0.0
40	PI/2 BPSK	100	0	17.25	17.32	17.18		
40	QPSK	1	1	17.33	17.38	17.30	19.0	0.0
40	QPSK	1	53	17.24	17.33	17.26		
40	QPSK	1	104	17.28	17.34	17.13		
40	QPSK	50	0	17.25	17.28	17.20	19.0	0.0
40	QPSK	50	28	17.30	17.35	17.28	19.0	0.0
40	QPSK	50	56	17.28	17.24	17.20	19.0	0.0
40	QPSK	100	0	17.28	17.33	17.25		
40	16QAM	1	1	17.15	17.23	17.14	19.0	0.0
40	64QAM	1	1	17.17	17.28	17.26	19.0	0.0
40	256QAM	1	1	17.02	17.13	16.99	18.5	0.5
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.17	17.21	17.26	19.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.23	17.31	17.16	19.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.15	17.27	17.19	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.52	15.42	15.45	17.0	0.0
40	PI/2 BPSK	1	53	15.38	15.41	15.39		
40	PI/2 BPSK	1	104	15.47	15.46	15.42		
40	PI/2 BPSK	50	0	15.42	15.52	15.41	17.0	0.0
40	PI/2 BPSK	50	28	15.41	15.51	15.38	17.0	0.0
40	PI/2 BPSK	50	56	15.49	15.47	15.37	17.0	0.0
40	PI/2 BPSK	100	0	15.42	15.50	15.43		
40	QPSK	1	1	15.55	15.58	15.53	17.0	0.0
40	QPSK	1	53	15.44	15.48	15.43		
40	QPSK	1	104	15.38	15.41	15.49		
40	QPSK	50	0	15.49	15.43	15.36	17.0	0.0
40	QPSK	50	28	15.53	15.55	15.51	17.0	0.0
40	QPSK	50	56	15.43	15.50	15.41	17.0	0.0
40	QPSK	100	0	15.51	15.53	15.50		
40	16QAM	1	1	15.51	15.45	15.47	17.0	0.0
40	64QAM	1	1	15.45	15.43	15.45	17.0	0.0
40	256QAM	1	1	15.45	15.52	15.49	17.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.43	15.41	15.37	17.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.41	15.42	15.48	17.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.38	15.43	15.44	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.08	15.05	14.95	16.5	0.0
40	PI/2 BPSK	1	53	15.08	14.99	14.98		
40	PI/2 BPSK	1	104	14.97	14.96	15.06		
40	PI/2 BPSK	50	0	15.05	15.03	15.07	16.5	0.0
40	PI/2 BPSK	50	28	14.98	15.03	14.96	16.5	0.0
40	PI/2 BPSK	50	56	14.98	15.05	15.00	16.5	0.0
40	PI/2 BPSK	100	0	15.03	15.05	15.06		
40	QPSK	1	1	15.11	15.13	15.10	16.5	0.0
40	QPSK	1	53	14.97	15.09	15.06		
40	QPSK	1	104	14.99	15.09	15.03		
40	QPSK	50	0	15.03	15.07	14.93	16.5	0.0
40	QPSK	50	28	15.10	15.11	15.08	16.5	0.0
40	QPSK	50	56	15.07	15.10	14.94	16.5	0.0
40	QPSK	100	0	15.08	15.10	15.05		
40	16QAM	1	1	15.05	14.97	14.99	16.5	0.0
40	64QAM	1	1	15.02	15.04	14.96	16.5	0.0
40	256QAM	1	1	14.97	15.07	14.94	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.03	15.05	15.07	16.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.00	15.07	14.98	16.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.96	15.03	15.02	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.67		17.5	0.0
100	PI/2 BPSK	1	137		16.60			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.72		17.5	0.0
100	PI/2 BPSK	135	69		16.64		17.5	0.0
100	PI/2 BPSK	135	138		16.71		17.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.75		17.5	0.0
100	QPSK	1	137		16.61			
100	QPSK	1	271		16.59			
100	QPSK	135	0		16.63		17.5	0.0
100	QPSK	135	69		16.73		17.5	0.0
100	QPSK	135	138		16.63		17.5	0.0
100	QPSK	270	0		16.71			
100	16QAM	1	1		16.59		17.5	0.0
100	64QAM	1	1		16.58		17.5	0.0
100	256QAM	1	1		16.68		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.61	16.61	16.70	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.67	16.67	16.63	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.71	16.69	16.69	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.67	16.67	16.69	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.60	16.71	16.58	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.58	16.69	16.65	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.71	16.69	16.63	17.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.70	16.59	16.66	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.63	16.62	16.70	17.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.64	16.58	16.69	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.65	16.63	16.65	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.94		20.5	0.0
100	PI/2 BPSK	1	137		19.92			
100	PI/2 BPSK	1	271		19.89			
100	PI/2 BPSK	135	0		19.98		20.5	0.0
100	PI/2 BPSK	135	69		19.99		20.5	0.0
100	PI/2 BPSK	135	138		19.98		20.5	0.0
100	PI/2 BPSK	270	0		19.99			
100	QPSK	1	1		20.02		20.5	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.88			
100	QPSK	135	0		19.97		20.5	0.0
100	QPSK	135	69		20.00		20.5	0.0
100	QPSK	135	138		19.88		20.5	0.0
100	QPSK	270	0		19.97			
100	16QAM	1	1		19.85		20.5	0.0
100	64QAM	1	1		19.88		20.5	0.0
100	256QAM	1	1		19.91		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.87	19.92	19.99	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.88	19.93	19.87	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.95	19.87	19.88	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.97	19.91	19.87	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.93	19.88	19.96	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.93	19.93	19.88	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.86	19.91	19.96	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.89	19.88	19.98	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.90	19.99	19.87	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.96	19.98	19.88	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.97	19.96	19.99	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.57	16.69	16.48	17.5	0.0
100	PI/2 BPSK	1	137	16.62	16.59	16.48		
100	PI/2 BPSK	1	271	16.53	16.64	16.52		
100	PI/2 BPSK	135	0	16.58	16.68	16.51	17.5	0.0
100	PI/2 BPSK	135	69	16.53	16.56	16.49	17.5	0.0
100	PI/2 BPSK	135	138	16.54	16.58	16.58	17.5	0.0
100	PI/2 BPSK	270	0	16.57	16.55	16.55		
100	QPSK	1	1	16.68	16.73	16.61	17.5	0.0
100	QPSK	1	137	16.64	16.59	16.51		
100	QPSK	1	271	16.58	16.67	16.56		
100	QPSK	135	0	16.57	16.57	16.55	17.5	0.0
100	QPSK	135	69	16.65	16.70	16.60	17.5	0.0
100	QPSK	135	138	16.53	16.65	16.49	17.5	0.0
100	QPSK	270	0	16.63	16.68	16.58		
100	16QAM	1	1	16.53	16.62	16.52	17.5	0.0
100	64QAM	1	1	16.55	16.61	16.52	17.5	0.0
100	256QAM	1	1	16.58	16.68	16.56	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.52	16.60	16.54	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.55	16.57	16.55	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.57	16.66	16.50	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.54	16.62	16.56	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.56	16.62	16.58	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.57	16.60	16.46	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.63	16.68	16.59	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.61	16.60	16.51	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.57	16.61	16.46	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.54	16.62	16.49	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.59	16.67	16.52	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	19.98	19.89	20.5	0.0
100	PI/2 BPSK	1	137	19.91	19.97	19.83		
100	PI/2 BPSK	1	271	19.86	19.91	19.86		
100	PI/2 BPSK	135	0	19.98	19.91	19.79	20.5	0.0
100	PI/2 BPSK	135	69	20.00	19.89	19.79	20.5	0.0
100	PI/2 BPSK	135	138	19.88	20.01	19.84	20.5	0.0
100	PI/2 BPSK	270	0	19.97	20.02	19.91		
100	QPSK	1	1	20.03	20.05	19.95	20.5	0.0
100	QPSK	1	137	20.00	19.95	19.87		
100	QPSK	1	271	19.88	20.01	19.85		
100	QPSK	135	0	19.89	19.89	19.92	20.5	0.0
100	QPSK	135	69	20.01	20.03	19.93	20.5	0.0
100	QPSK	135	138	20.00	19.91	19.92	20.5	0.0
100	QPSK	270	0	19.98	20.00	19.91		
100	16QAM	1	1	19.93	20.01	19.78	20.5	0.0
100	64QAM	1	1	19.89	19.96	19.81	20.5	0.0
100	256QAM	1	1	19.87	19.95	19.92	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.86	19.93	19.84	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.98	20.02	19.82	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.86	19.89	19.81	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.96	19.90	19.78	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.93	19.94	19.79	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.89	20.00	19.80	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.87	19.89	19.88	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.86	19.97	19.82	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.86	19.95	19.90	20.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.97	19.99	19.86	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.98	19.94	19.90	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.74		18.5	0.0
100	PI/2 BPSK	1	137		16.71			
100	PI/2 BPSK	1	271		16.80			
100	PI/2 BPSK	135	0		16.80		18.5	0.0
100	PI/2 BPSK	135	69		16.84		18.5	0.0
100	PI/2 BPSK	135	138		16.70		18.5	0.0
100	PI/2 BPSK	270	0		16.76			
100	QPSK	1	1		16.88		18.5	0.0
100	QPSK	1	137		16.70			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.74		18.5	0.0
100	QPSK	135	69		16.85		18.5	0.0
100	QPSK	135	138		16.74		18.5	0.0
100	QPSK	270	0		16.83			
100	16QAM	1	1		16.81		18.5	0.0
100	64QAM	1	1		16.70		18.5	0.0
100	256QAM	1	1		16.83		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	16.75	16.72	16.77	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	16.81	16.84	16.73	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	16.77	16.76	16.80	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	16.83	16.79	16.76	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	16.72	16.74	16.77	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	16.79	16.71	16.77	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	16.70	16.78	16.77	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.76	16.80	16.73	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	16.77	16.79	16.78	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	16.84	16.81	16.84	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	16.70	16.80	16.70	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.24		21.5	0.0
100	PI/2 BPSK	1	137		20.14			
100	PI/2 BPSK	1	271		20.24			
100	PI/2 BPSK	135	0		20.12		21.5	0.0
100	PI/2 BPSK	135	69		20.10		21.5	0.0
100	PI/2 BPSK	135	138		20.21		21.5	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.28		21.5	0.0
100	QPSK	1	137		20.15			
100	QPSK	1	271		20.10			
100	QPSK	135	0		20.24		21.5	0.0
100	QPSK	135	69		20.25		21.5	0.0
100	QPSK	135	138		20.19		21.5	0.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.10		21.5	0.0
100	64QAM	1	1		19.92		21.5	0.0
100	256QAM	1	1		19.30		20.5	1.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.15	20.18	20.16	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.19	20.19	20.21	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.16	20.24	20.19	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.12	20.16	20.19	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.15	20.18	20.14	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.19	20.21	20.21	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.21	20.23	20.22	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.14	20.23	20.14	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.23	20.24	20.15	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.18	20.16	20.23	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.19	20.10	20.19	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.76	16.90	16.61	18.5	0.0
100	PI/2 BPSK	1	137	16.89	16.80	16.69		
100	PI/2 BPSK	1	271	16.84	16.84	16.71		
100	PI/2 BPSK	135	0	16.79	16.80	16.66	18.5	0.0
100	PI/2 BPSK	135	69	16.79	16.86	16.72	18.5	0.0
100	PI/2 BPSK	135	138	16.75	16.88	16.71	18.5	0.0
100	PI/2 BPSK	270	0	16.77	16.92	16.67		
100	QPSK	1	1	16.93	16.95	16.78	18.5	0.0
100	QPSK	1	137	16.85	16.91	16.67		
100	QPSK	1	271	16.84	16.79	16.66		
100	QPSK	135	0	16.86	16.81	16.72	18.5	0.0
100	QPSK	135	69	16.90	16.93	16.75	18.5	0.0
100	QPSK	135	138	16.80	16.87	16.65	18.5	0.0
100	QPSK	270	0	16.88	16.90	16.73		
100	16QAM	1	1	16.89	16.85	16.68	18.5	0.0
100	64QAM	1	1	16.85	16.89	16.65	18.5	0.0
100	256QAM	1	1	16.87	16.81	16.73	18.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.89	16.89	16.60	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.76	16.88	16.61	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.78	16.78	16.69	18.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.85	16.78	16.74	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.89	16.90	16.67	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.86	16.82	16.66	18.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.88	16.79	16.74	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.85	16.85	16.74	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.85	16.83	16.62	18.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.85	16.84	16.60	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.75	16.79	16.71	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.88	19.92	19.68	21.5	0.0
100	PI/2 BPSK	1	137	19.90	19.94	19.73		
100	PI/2 BPSK	1	271	19.95	19.93	19.73		
100	PI/2 BPSK	135	0	19.97	19.98	19.80	21.5	0.0
100	PI/2 BPSK	135	69	19.98	19.93	19.68	21.5	0.0
100	PI/2 BPSK	135	138	19.89	19.96	19.81	21.5	0.0
100	PI/2 BPSK	270	0	19.95	19.97	19.82		
100	QPSK	1	1	20.05	20.08	19.85	21.5	0.0
100	QPSK	1	137	20.01	19.92	19.81		
100	QPSK	1	271	19.94	20.03	19.73		
100	QPSK	135	0	19.89	20.01	19.71	21.5	0.0
100	QPSK	135	69	20.03	20.05	19.83	21.5	0.0
100	QPSK	135	138	20.01	20.04	19.82	21.5	0.0
100	QPSK	270	0	20.00	20.03	19.80		
100	16QAM	1	1	19.95	20.02	19.71	21.5	0.0
100	64QAM	1	1	19.65	19.75	19.65	21.5	0.0
100	256QAM	1	1	19.01	19.09	18.96	20.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.90	20.00	19.68	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.02	20.00	19.82	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.88	19.95	19.78	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.99	20.01	19.74	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.95	19.98	19.82	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.01	20.03	19.72	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.88	20.03	19.70	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.95	19.98	19.75	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.95	19.96	19.75	21.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.95	19.90	19.68	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.92	19.90	19.68	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.40			
100	PI/2 BPSK	1	137		16.32		17.5	0.0
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.43		17.5	0.0
100	PI/2 BPSK	135	69		16.32		17.5	0.0
100	PI/2 BPSK	135	138		16.34		17.5	0.0
100	PI/2 BPSK	270	0		16.32			
100	QPSK	1	1		16.46			
100	QPSK	1	137		16.40		17.5	0.0
100	QPSK	1	271		16.37			
100	QPSK	135	0		16.34		17.5	0.0
100	QPSK	135	69		16.45		17.5	0.0
100	QPSK	135	138		16.39		17.5	0.0
100	QPSK	270	0		16.42			
100	16QAM	1	1		16.43		17.5	0.0
100	64QAM	1	1		16.40		17.5	0.0
100	256QAM	1	1		16.41		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.40	16.44	16.36	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.43	16.30	16.43	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.38	16.35	16.32	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.42	16.42	16.35	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.32	16.30	16.39	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.35	16.35	16.30	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.30	16.43	16.38	17.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.36	16.41	16.35	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.32	16.41	16.40	17.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.39	16.42	16.43	17.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.36	16.36	16.30	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.76			
100	PI/2 BPSK	1	137		19.73		20.5	0.0
100	PI/2 BPSK	1	271		19.72			
100	PI/2 BPSK	135	0		19.65		20.5	0.0
100	PI/2 BPSK	135	69		19.77		20.5	0.0
100	PI/2 BPSK	135	138		19.70		20.5	0.0
100	PI/2 BPSK	270	0		19.78			
100	QPSK	1	1		19.83			
100	QPSK	1	137		19.78		20.5	0.0
100	QPSK	1	271		19.68			
100	QPSK	135	0		19.70		20.5	0.0
100	QPSK	135	69		19.80		20.5	0.0
100	QPSK	135	138		19.79		20.5	0.0
100	QPSK	270	0		19.78			
100	16QAM	1	1		19.68		20.5	0.0
100	64QAM	1	1		19.76		20.5	0.0
100	256QAM	1	1		19.73		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.76	19.66	19.74	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.65	19.78	19.75	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.79	19.79	19.66	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.74	19.79	19.74	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.68	19.76	19.66	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.79	19.75	19.77	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.72	19.66	19.66	20.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.70	19.74	19.73	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.66	19.79	19.69	20.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.78	19.69	19.75	20.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.78	19.77	19.77	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.54	16.47		
100	PI/2 BPSK	1	137	16.40	16.50	16.35	17.5	0.0
100	PI/2 BPSK	1	271	16.39	16.54	16.43		
100	PI/2 BPSK	135	0	16.51	16.50	16.47	17.5	0.0
100	PI/2 BPSK	135	69	16.47	16.54	16.35	17.5	0.0
100	PI/2 BPSK	135	138	16.48	16.50	16.38	17.5	0.0
100	PI/2 BPSK	270	0	16.42	16.54	16.46		
100	QPSK	1	1	16.55	16.58	16.51		
100	QPSK	1	137	16.42	16.44	16.35	17.5	0.0
100	QPSK	1	271	16.52	16.50	16.45		
100	QPSK	135	0	16.45	16.52	16.46	17.5	0.0
100	QPSK	135	69	16.53	16.56	16.50	17.5	0.0
100	QPSK	135	138	16.47	16.45	16.39	17.5	0.0
100	QPSK	270	0	16.51	16.53	16.48		
100	16QAM	1	1	16.39	16.52	16.47	17.5	0.0
100	64QAM	1	1	16.45	16.52	16.44	17.5	0.0
100	256QAM	1	1	16.46	16.48	16.43	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.46	16.48	16.37	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.52	16.53	16.48	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.43	16.54	16.35	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.52	16.47	16.35	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.50	16.54	16.38	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.49	16.52	16.38	17.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.44	16.48	16.38	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.46	16.53	16.40	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.44	16.47	16.36	17.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	16.51	16.54	16.39	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.38	16.43	16.39	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.78	19.82	19.65	20.5	0.0
100	PI/2 BPSK	1	137	19.79	19.75	19.73		
100	PI/2 BPSK	1	271	19.74	19.83	19.63		
100	PI/2 BPSK	135	0	19.80	19.80	19.69	20.5	0.0
100	PI/2 BPSK	135	69	19.70	19.80	19.63	20.5	0.0
100	PI/2 BPSK	135	138	19.71	19.70	19.62	20.5	0.0
100	PI/2 BPSK	270	0	19.74	19.76	19.67		
100	QPSK	1	1	19.85	19.88	19.78	20.5	0.0
100	QPSK	1	137	19.82	19.72	19.74		
100	QPSK	1	271	19.69	19.74	19.69		
100	QPSK	135	0	19.76	19.73	19.66	20.5	0.0
100	QPSK	135	69	19.83	19.85	19.75	20.5	0.0
100	QPSK	135	138	19.77	19.71	19.63	20.5	0.0
100	QPSK	270	0	19.80	19.83	19.73		
100	16QAM	1	1	19.78	19.72	19.63	20.5	0.0
100	64QAM	1	1	19.81	19.82	19.69	20.5	0.0
100	256QAM	1	1	19.76	19.78	19.64	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.74	19.76	19.67	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.72	19.84	19.66	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.68	19.83	19.73	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.81	19.81	19.69	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.71	19.71	19.68	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.78	19.74	19.62	20.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.78	19.78	19.60	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.76	19.82	19.63	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.82	19.78	19.73	20.5	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.81	19.74	19.74	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.72	19.75	19.61	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.50		16.0	0.0
100	PI/2 BPSK	1	137		14.59			
100	PI/2 BPSK	1	271		14.56			
100	PI/2 BPSK	135	0		14.55		16.0	0.0
100	PI/2 BPSK	135	69		14.53		16.0	0.0
100	PI/2 BPSK	135	138		14.56		16.0	0.0
100	PI/2 BPSK	270	0		14.60			
100	QPSK	1	1		14.63		16.0	0.0
100	QPSK	1	137		14.51			
100	QPSK	1	271		14.52			
100	QPSK	135	0		14.56		16.0	0.0
100	QPSK	135	69		14.61		16.0	0.0
100	QPSK	135	138		14.53		16.0	0.0
100	QPSK	270	0		14.60			
100	16QAM	1	1		14.48		16.0	0.0
100	64QAM	1	1		14.52		16.0	0.0
100	256QAM	1	1		14.60		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.51	14.57	14.55	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.49	14.47	14.50	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.60	14.59	14.51	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.49	14.49	14.58	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.51	14.47	14.49	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.46	14.54	14.59	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.48	14.60	14.59	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.59	14.59	14.56	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.49	14.46	14.58	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.57	14.52	14.60	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.60	14.56	14.59	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.99		19.0	0.0
100	PI/2 BPSK	1	137		17.93			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.02		19.0	0.0
100	PI/2 BPSK	135	69		17.91		19.0	0.0
100	PI/2 BPSK	135	138		17.91		19.0	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.08		19.0	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.95			
100	QPSK	135	0		17.93		19.0	0.0
100	QPSK	135	69		18.05		19.0	0.0
100	QPSK	135	138		18.01		19.0	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.92		19.0	0.0
100	64QAM	1	1		17.98		19.0	0.0
100	256QAM	1	1		17.90		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.02	17.93	18.00	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	18.00	17.98	17.98	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	17.94	17.93	17.95	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	17.90	17.94	17.99	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	17.93	18.01	18.03	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	17.98	17.97	18.03	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	18.00	18.04	17.92	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.01	17.92	17.91	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	17.96	17.98	17.97	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	18.00	18.00	18.04	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	17.91	18.03	18.02	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.25	14.41	14.12	16.0	0.0
100	PI/2 BPSK	1	137	14.25	14.28	14.17		
100	PI/2 BPSK	1	271	14.33	14.41	14.12		
100	PI/2 BPSK	135	0	14.25	14.37	14.21	16.0	0.0
100	PI/2 BPSK	135	69	14.31	14.32	14.21	16.0	0.0
100	PI/2 BPSK	135	138	14.37	14.42	14.21	16.0	0.0
100	PI/2 BPSK	270	0	14.29	14.42	14.19		
100	QPSK	1	1	14.42	14.45	14.28	16.0	0.0
100	QPSK	1	137	14.25	14.32	14.17		
100	QPSK	1	271	14.33	14.39	14.13		
100	QPSK	135	0	14.38	14.28	14.21	16.0	0.0
100	QPSK	135	69	14.40	14.43	14.25	16.0	0.0
100	QPSK	135	138	14.26	14.38	14.13	16.0	0.0
100	QPSK	270	0	14.38	14.41	14.23		
100	16QAM	1	1	14.36	14.34	14.23	16.0	0.0
100	64QAM	1	1	14.25	14.37	14.12	16.0	0.0
100	256QAM	1	1	14.35	14.34	14.20	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.37	14.38	14.24	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.39	14.39	14.17	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.25	14.29	14.20	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.38	14.41	14.13	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.29	14.35	14.13	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.30	14.38	14.11	16.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.35	14.28	14.15	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.34	14.28	14.22	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.25	14.36	14.17	16.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.34	14.40	14.19	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.38	14.29	14.24	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.82	17.71	17.51	19.0	0.0
100	PI/2 BPSK	1	137	17.82	17.83	17.51		
100	PI/2 BPSK	1	271	17.74	17.75	17.47		
100	PI/2 BPSK	135	0	17.73	17.82	17.44	19.0	0.0
100	PI/2 BPSK	135	69	17.76	17.78	17.55	19.0	0.0
100	PI/2 BPSK	135	138	17.69	17.73	17.52	19.0	0.0
100	PI/2 BPSK	270	0	17.69	17.81	17.53		
100	QPSK	1	1	17.85	17.88	17.58	19.0	0.0
100	QPSK	1	137	17.73	17.78	17.44		
100	QPSK	1	271	17.78	17.73	17.49		
100	QPSK	135	0	17.68	17.82	17.46	19.0	0.0
100	QPSK	135	69	17.83	17.85	17.56	19.0	0.0
100	QPSK	135	138	17.72	17.73	17.55	19.0	0.0
100	QPSK	270	0	17.81	17.83	17.53		
100	16QAM	1	1	17.75	17.79	17.46	19.0	0.0
100	64QAM	1	1	17.82	17.77	17.44	19.0	0.0
100	256QAM	1	1	17.73	17.73	17.41	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.79	17.75	17.50	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.77	17.73	17.46	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.74	17.72	17.41	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.72	17.76	17.44	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.76	17.71	17.53	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.82	17.80	17.44	19.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.74	17.77	17.46	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.78	17.77	17.47	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.73	17.81	17.45	19.0	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.78	17.84	17.49	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.78	17.81	17.42	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.61		16.5	0.0
100	PI/2 BPSK	1	137		15.65			
100	PI/2 BPSK	1	271		15.69			
100	PI/2 BPSK	135	0		15.56		16.5	0.0
100	PI/2 BPSK	135	69		15.58		16.5	0.0
100	PI/2 BPSK	135	138		15.57		16.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.73		16.5	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.62			
100	QPSK	135	0		15.69		16.5	0.0
100	QPSK	135	69		15.70		16.5	0.0
100	QPSK	135	138		15.62		16.5	0.0
100	QPSK	270	0		15.68			
100	16QAM	1	1		15.55		16.5	0.0
100	64QAM	1	1		15.68		16.5	0.0
100	256QAM	1	1		15.62		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	15.68	15.62	15.56	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	15.61	15.68	15.56	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	15.65	15.62	15.69	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	15.56	15.68	15.61	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	15.65	15.58	15.69	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	15.57	15.58	15.57	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	15.58	15.62	15.61	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.64	15.65	15.56	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	15.58	15.62	15.56	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	15.61	15.58	15.65	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	15.60	15.57	15.62	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.08		19.5	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.10			
100	PI/2 BPSK	135	0		19.14		19.5	0.0
100	PI/2 BPSK	135	69		19.13		19.5	0.0
100	PI/2 BPSK	135	138		19.03		19.5	0.0
100	PI/2 BPSK	270	0		19.05			
100	QPSK	1	1		19.18		19.5	0.0
100	QPSK	1	137		19.10			
100	QPSK	1	271		19.08			
100	QPSK	135	0		19.06		19.5	0.0
100	QPSK	135	69		19.15		19.5	0.0
100	QPSK	135	138		19.05		19.5	0.0
100	QPSK	270	0		19.13			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.03		19.5	0.0
100	256QAM	1	1		19.10		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.00	19.04	19.04	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.07	19.02	19.09	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.02	19.02	19.08	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.07	19.14	19.13	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.03	19.14	19.13	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.11	19.09	19.01	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.01	19.09	19.11	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.08	19.04	19.00	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.08	19.13	19.14	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.12	19.11	19.12	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.07	19.14	19.01	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.62		16.5	0.0
100	PI/2 BPSK	1	137		15.59			
100	PI/2 BPSK	1	271		15.62			
100	PI/2 BPSK	135	0		15.53		16.5	0.0
100	PI/2 BPSK	135	69		15.52		16.5	0.0
100	PI/2 BPSK	135	138		15.53		16.5	0.0
100	PI/2 BPSK	270	0		15.59			
100	QPSK	1	1		15.68		16.5	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.54			
100	QPSK	135	0		15.65		16.5	0.0
100	QPSK	135	69		15.66		16.5	0.0
100	QPSK	135	138		15.62		16.5	0.0
100	QPSK	270	0		15.63			
100	16QAM	1	1		15.51		16.5	0.0
100	64QAM	1	1		15.53		16.5	0.0
100	256QAM	1	1		15.58		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.54	15.58	15.62	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.53	15.53	15.59	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.63	15.63	15.52	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.60	15.54	15.57	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.60	15.57	15.65	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.57	15.58	15.51	16.5	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	15.64	15.56	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.60	15.55	15.58	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.53	15.59	15.58	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.55	15.60	15.60	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.56	15.54	15.59	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.99		19.5	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		19.06		19.5	0.0
100	PI/2 BPSK	135	69		19.05		19.5	0.0
100	PI/2 BPSK	135	138		19.06		19.5	0.0
100	PI/2 BPSK	270	0		19.06			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.06			
100	QPSK	1	271		19.06			
100	QPSK	135	0		19.04		19.5	0.0
100	QPSK	135	69		19.13		19.5	0.0
100	QPSK	135	138		19.07		19.5	0.0
100	QPSK	270	0		19.10			
100	16QAM	1	1		19.08		19.5	0.0
100	64QAM	1	1		19.04		19.5	0.0
100	256QAM	1	1		19.00		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.05	19.08	19.00	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.10	19.00	19.07	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.01	19.03	19.12	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.08	19.10	18.99	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.12	19.02	19.04	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.99	19.01	19.09	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.11	19.06	18.98	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.08	19.06	19.09	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.04	19.00	19.00	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.06	19.07	19.02	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.07	18.99	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.54			
100	PI/2 BPSK	1	137		17.58		18.5	0.0
100	PI/2 BPSK	1	271		17.59			
100	PI/2 BPSK	135	0		17.56		18.5	0.0
100	PI/2 BPSK	135	69		17.54		18.5	0.0
100	PI/2 BPSK	135	138		17.46		18.5	0.0
100	PI/2 BPSK	270	0		17.57			
100	QPSK	1	1		17.62			
100	QPSK	1	137		17.55		18.5	0.0
100	QPSK	1	271		17.56			
100	QPSK	135	0		17.46		18.5	0.0
100	QPSK	135	69		17.60		18.5	0.0
100	QPSK	135	138		17.59		18.5	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.49		18.5	0.0
100	64QAM	1	1		17.51		18.5	0.0
100	256QAM	1	1		17.45		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	17.58	17.51	17.55	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	17.55	17.46	17.49	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	17.53	17.54	17.59	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	17.48	17.57	17.58	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	17.49	17.50	17.58	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	17.59	17.54	17.56	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	17.53	17.50	17.51	18.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.53	17.58	17.49	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	17.56	17.56	17.51	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	17.56	17.48	17.55	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	17.48	17.53	17.45	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.38			
100	PI/2 BPSK	1	137		20.37		21.5	0.0
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.41		21.5	0.0
100	PI/2 BPSK	135	69		20.32		21.5	0.0
100	PI/2 BPSK	135	138		20.36		21.5	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.49			
100	QPSK	1	137		20.40		21.5	0.0
100	QPSK	1	271		20.45			
100	QPSK	135	0		20.38		21.5	0.0
100	QPSK	135	69		20.47		21.5	0.0
100	QPSK	135	138		20.36		21.5	0.0
100	QPSK	270	0		20.45			
100	16QAM	1	1		20.36		21.5	0.0
100	64QAM	1	1		20.36		21.5	0.0
100	256QAM	1	1		20.45		21.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.44	20.44	20.46	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.36	20.46	20.37	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.43	20.36	20.36	21.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.32	20.41	20.34	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.38	20.37	20.45	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.45	20.37	20.35	21.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.38	20.46	20.45	21.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.32	20.39	20.43	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.42	20.40	20.39	21.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.40	20.41	20.34	21.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.41	20.42	20.40	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.43			
100	PI/2 BPSK	1	137		17.47		18.5	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.5	0.0
100	PI/2 BPSK	135	69		17.48		18.5	0.0
100	PI/2 BPSK	135	138		17.43		18.5	0.0
100	PI/2 BPSK	270	0		17.42			
100	QPSK	1	1		17.58			
100	QPSK	1	137		17.45		18.5	0.0
100	QPSK	1	271		17.53			
100	QPSK	135	0		17.52		18.5	0.0
100	QPSK	135	69		17.55		18.5	0.0
100	QPSK	135	138		17.51		18.5	0.0
100	QPSK	270	0		17.52			
100	16QAM	1	1		17.46		18.5	0.0
100	64QAM	1	1		17.54		18.5	0.0
100	256QAM	1	1		17.46		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	17.44	17.43	17.48	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	17.47	17.50	17.42	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.47	17.49	17.48	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	17.54	17.51	17.41	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	17.54	17.42	17.46	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.42	17.45	17.48	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	17.42	17.42	17.44	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.49	17.46	17.44	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	17.40	17.51	17.45	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	17.47	17.45	17.43	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.54	17.43	17.44	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.44		21.5	0.0
100	PI/2 BPSK	1	137		20.45			
100	PI/2 BPSK	1	271		20.44			
100	PI/2 BPSK	135	0		20.36		21.5	0.0
100	PI/2 BPSK	135	69		20.46		21.5	0.0
100	PI/2 BPSK	135	138		20.37		21.5	0.0
100	PI/2 BPSK	270	0		20.48			
100	QPSK	1	1		20.52		21.5	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.45			
100	QPSK	135	0		20.38		21.5	0.0
100	QPSK	135	69		20.50		21.5	0.0
100	QPSK	135	138		20.40		21.5	0.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.37		21.5	0.0
100	64QAM	1	1		20.45		21.5	0.0
100	256QAM	1	1		20.42		21.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.41	20.40	20.43	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.47	20.35	20.49	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.39	20.49	20.36	21.5	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.46	20.43	20.36	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.49	20.42	20.48	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.36	20.43	20.40	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.39	20.40	20.49	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.35	20.41	20.48	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.42	20.43	20.41	21.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	20.47	20.48	20.37	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.45	20.43	20.37	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.02		16.5	0.0
100	PI/2 BPSK	1	137		15.04			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.03		16.5	0.0
100	PI/2 BPSK	135	69		15.03		16.5	0.0
100	PI/2 BPSK	135	138		15.10		16.5	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.13		16.5	0.0
100	QPSK	1	137		15.05			
100	QPSK	1	271		15.06			
100	QPSK	135	0		14.99		16.5	0.0
100	QPSK	135	69		15.12		16.5	0.0
100	QPSK	135	138		15.07		16.5	0.0
100	QPSK	270	0		15.10			
100	16QAM	1	1		15.03		16.5	0.0
100	64QAM	1	1		15.01		16.5	0.0
100	256QAM	1	1		15.03		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	15.03	15.04	15.03	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	14.98	15.05	15.02	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	15.04	14.99	15.11	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	15.01	15.09	15.02	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	14.99	15.02	15.01	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	15.01	15.07	15.01	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	15.05	15.04	15.10	16.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	15.06	15.00	14.97	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	15.00	15.02	15.01	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	15.01	15.00	14.97	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	14.97	14.97	15.10	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.60		19.5	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.69			
100	PI/2 BPSK	135	0		18.64		19.5	0.0
100	PI/2 BPSK	135	69		18.68		19.5	0.0
100	PI/2 BPSK	135	138		18.65		19.5	0.0
100	PI/2 BPSK	270	0		18.56			
100	QPSK	1	1		18.72		19.5	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.63		19.5	0.0
100	QPSK	135	69		18.70		19.5	0.0
100	QPSK	135	138		18.62		19.5	0.0
100	QPSK	270	0		18.67			
100	16QAM	1	1		18.66		19.5	0.0
100	64QAM	1	1		18.56		19.5	0.0
100	256QAM	1	1		18.62		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.56	18.62	18.56	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.69	18.69	18.67	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.66	18.65	18.68	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.57	18.67	18.61	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.69	18.68	18.64	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.67	18.56	18.57	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.56	18.67	18.62	19.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.69	18.69	18.56	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.65	18.64	18.57	19.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.56	18.62	18.55	19.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.68	18.59	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.91		16.5	0.0
100	PI/2 BPSK	1	137		14.99			
100	PI/2 BPSK	1	271		14.95			
100	PI/2 BPSK	135	0		14.93		16.5	0.0
100	PI/2 BPSK	135	69		14.85		16.5	0.0
100	PI/2 BPSK	135	138		14.93		16.5	0.0
100	PI/2 BPSK	270	0		14.87			
100	QPSK	1	1		15.02		16.5	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.98			
100	QPSK	135	0		14.88		16.5	0.0
100	QPSK	135	69		15.00		16.5	0.0
100	QPSK	135	138		14.92		16.5	0.0
100	QPSK	270	0		14.98			
100	16QAM	1	1		14.99		16.5	0.0
100	64QAM	1	1		14.91		16.5	0.0
100	256QAM	1	1		14.89		16.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.92	14.94	14.86	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.92	14.96	14.95	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.96	14.97	14.95	16.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.92	14.94	14.91	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.85	14.86	14.97	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.87	14.89	14.94	16.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.96	14.94	14.85	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.98	14.97	14.93	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.96	14.89	14.86	16.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.97	14.92	14.93	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.89	14.89	14.85	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.54		19.5	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.65			
100	PI/2 BPSK	135	0		18.55		19.5	0.0
100	PI/2 BPSK	135	69		18.58		19.5	0.0
100	PI/2 BPSK	135	138		18.51		19.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.68		19.5	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		18.63			
100	QPSK	135	0		18.59		19.5	0.0
100	QPSK	135	69		18.66		19.5	0.0
100	QPSK	135	138		18.56		19.5	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.65		19.5	0.0
100	64QAM	1	1		18.56		19.5	0.0
100	256QAM	1	1		18.62		19.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.56	18.63	18.53	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.60	18.52	18.60	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.62	18.64	18.56	19.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.51	18.51	18.65	19.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.56	18.63	18.52	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.58	18.52	18.56	19.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.60	18.56	18.59	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.60	18.63	18.55	19.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.55	18.62	18.61	19.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.53	18.63	18.57	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.65	18.65	18.62	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.69		16.0	0.0
100	PI/2 BPSK	1	137		14.66			
100	PI/2 BPSK	1	271		14.69			
100	PI/2 BPSK	135	0		14.65		16.0	0.0
100	PI/2 BPSK	135	69		14.64		16.0	0.0
100	PI/2 BPSK	135	138		14.61		16.0	0.0
100	PI/2 BPSK	270	0		14.62			
100	QPSK	1	1		14.75		16.0	0.0
100	QPSK	1	137		14.62			
100	QPSK	1	271		14.60			
100	QPSK	135	0		14.61		16.0	0.0
100	QPSK	135	69		14.73		16.0	0.0
100	QPSK	135	138		14.61		16.0	0.0
100	QPSK	270	0		14.71			
100	16QAM	1	1		14.65		16.0	0.0
100	64QAM	1	1		14.65		16.0	0.0
100	256QAM	1	1		14.71		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.66	14.65	14.63	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.58	14.66	14.63	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.59	14.60	14.68	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.62	14.66	14.70	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.72	14.71	14.67	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.64	14.66	14.61	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.69	14.66	14.70	16.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.70	14.71	14.63	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.64	14.71	14.67	16.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.61	14.67	14.59	16.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.61	14.60	14.65	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.14		19.0	0.0
100	PI/2 BPSK	1	137		18.17			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.20		19.0	0.0
100	PI/2 BPSK	135	69		18.18		19.0	0.0
100	PI/2 BPSK	135	138		18.13		19.0	0.0
100	PI/2 BPSK	270	0		18.23			
100	QPSK	1	1		18.29		19.0	0.0
100	QPSK	1	137		18.27			
100	QPSK	1	271		18.17			
100	QPSK	135	0		18.21		19.0	0.0
100	QPSK	135	69		18.28		19.0	0.0
100	QPSK	135	138		18.20		19.0	0.0
100	QPSK	270	0		18.26			
100	16QAM	1	1		18.23		19.0	0.0
100	64QAM	1	1		18.17		19.0	0.0
100	256QAM	1	1		18.26		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.25	18.27	18.22	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	18.25	18.21	18.23	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	18.18	18.18	18.22	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	18.26	18.17	18.13	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	18.22	18.13	18.22	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	18.18	18.24	18.15	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	18.18	18.21	18.16	19.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.27	18.16	18.18	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	18.14	18.24	18.20	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	18.24	18.22	18.13	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	18.23	18.18	18.17	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.55		16.0	0.0
100	PI/2 BPSK	1	137		14.51			
100	PI/2 BPSK	1	271		14.64			
100	PI/2 BPSK	135	0		14.53		16.0	0.0
100	PI/2 BPSK	135	69		14.64		16.0	0.0
100	PI/2 BPSK	135	138		14.55		16.0	0.0
100	PI/2 BPSK	270	0		14.58			
100	QPSK	1	1		14.68		16.0	0.0
100	QPSK	1	137		14.62			
100	QPSK	1	271		14.62			
100	QPSK	135	0		14.58		16.0	0.0
100	QPSK	135	69		14.66		16.0	0.0
100	QPSK	135	138		14.61		16.0	0.0
100	QPSK	270	0		14.65			
100	16QAM	1	1		14.57		16.0	0.0
100	64QAM	1	1		14.54		16.0	0.0
100	256QAM	1	1		14.53		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.53	14.64	14.54	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.56	14.65	14.60	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.54	14.56	14.58	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.58	14.54	14.54	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.60	14.60	14.55	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.52	14.62	14.52	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.59	14.63	14.64	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.64	14.64	14.58	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.64	14.56	14.63	16.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	14.51	14.65	14.56	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.53	14.58	14.60	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.54		19.0	0.0
100	PI/2 BPSK	1	137		17.60			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.49		19.0	0.0
100	PI/2 BPSK	135	69		17.52		19.0	0.0
100	PI/2 BPSK	135	138		17.52		19.0	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.65		19.0	0.0
100	QPSK	1	137		17.61			
100	QPSK	1	271		17.52			
100	QPSK	135	0		17.62		19.0	0.0
100	QPSK	135	69		17.63		19.0	0.0
100	QPSK	135	138		17.53		19.0	0.0
100	QPSK	270	0		17.61			
100	16QAM	1	1		17.50		19.0	0.0
100	64QAM	1	1		17.48		19.0	0.0
100	256QAM	1	1		17.62		19.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.62	17.49	17.57	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	17.49	17.62	17.59	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.59	17.51	17.53	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	17.53	17.53	17.55	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	17.53	17.59	17.53	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.61	17.60	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	17.54	17.48	17.60	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.60	17.54	17.52	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	17.49	17.49	17.57	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	17.59	17.62	17.58	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.51	17.58	17.51	19.0	0.0

Band	Mode	Channel	Frequency (MHz)	Default						Head Standalone						Head Non-DBS						Head DBS						Body&Extremity Standalone						Hotspot on Non-DBS						Hotspot on DBS						Duty Cycle %
				Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		Ant 16		Ant 7		Ant 16+7		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	19.48	20.00	19.05	20.00	22.28	23.00	17.08	17.50	16.65	17.50	19.88	20.50	13.93	14.50	13.50	14.50	16.73	17.50	10.99	11.50	10.53	11.50	13.78	14.50	19.48	20.00	19.05	20.00	22.28	23.00	19.48	20.00	19.05	20.00	22.28	23.00	16.38	17.00	15.94	17.00	19.18	20.00	
		6	2437	19.86	21.00	19.36	21.00	22.63	24.00	17.51	18.50	17.00	18.50	20.27	21.50	14.37	15.50	13.92	15.50	17.16	18.50	11.41	12.50	10.86	12.50	14.15	15.50	19.86	21.00	19.36	21.00	22.63	24.00	19.86	21.00	19.36	21.00	22.63	24.00	16.75	18.00	16.26	18.00	19.52	21.00	99.48
		11	2462	18.98	20.00	19.13	20.00	22.07	23.00	16.61	17.50	16.78	17.50	19.71	20.50	13.49	14.50	13.68	14.50	16.60	17.50	10.54	11.50	10.73	11.50	13.65	14.50	18.98	20.00	19.13	20.00	22.07	23.00	18.98	20.00	19.13	20.00	22.07	23.00	15.89	17.00	16.07	17.00	18.99	20.00	
	802.11g 6Mbps	1	2412	18.72	19.50	18.55	19.50	21.65	22.50		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		19.50		19.50		22.50		19.50		19.50		22.50		18.00		18.00		21.00	
		6	2437	19.57	20.50	19.19	20.50	22.39	23.50		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		20.50		20.50		23.50		20.50		20.50		23.50		18.00		18.00		21.00	97.47
		11	2462	17.74	19.00	17.82	19.00	20.79	22.00		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		19.00		19.00		22.00		19.00		19.00		22.00		18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412	17.65	18.50	17.12	18.50	20.40	21.50		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		18.50		18.50		21.50		18.50		18.50		21.50		18.00		18.00		21.00	
		6	2437	19.05	20.00	18.70	20.00	21.89	23.00		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		20.00		20.00		23.00		20.00		20.00		23.00		18.00		18.00		21.00	96.76
		11	2462	16.92	18.50	16.95	18.50	19.95	21.50		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		18.50		18.50		21.50		18.50		18.50		21.50		18.00		18.00		21.00	
	802.11n-HT40 MCS0	3	2422	16.66	17.50	16.46	17.50	19.57	20.50		17.50		17.50		20.50		15.50		15.50		18.50		12.50		12.50		15.50		17.50		17.50		20.50		17.50		17.50		20.50		17.50		17.50		20.50	
		6	2437	18.12	19.00	17.91	19.00	21.03	22.00	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	12.50	Not Required	12.50	Not Required	15.50	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required	18.00	Not Required	18.00	Not Required	21.00	93.73
		9	2452	14.77	15.50	14.40	15.50	17.60	18.50		15.50		15.50		18.50		15.50		15.50		18.50		12.50		12.50		15.50		15.50		15.50		18.50		15.50		15.50		18.50		15.50		15.50		18.50	
	802.11ax-HE20 MCS0	1	2412	17.71	18.50	17.19	18.50	20.47	21.50		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		18.50		18.50		21.50		18.50		18.50		21.50		18.00		18.00		21.00	
		6	2437	19.20	20.00	18.90	20.00	22.06	23.00		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		20.00		20.00		23.00		20.00		20.00		23.00		18.00		18.00		21.00	95.90
		11	2462	16.99	18.00	17.05	18.00	20.03	21.00		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		18.00		18.00		21.00		18.00		18.00		21.00		18.00		18.00		21.00	
	802.11ax-HE40 MCS0	3	2422	16.71	17.50	16.56	17.50	19.65	20.50		17.50		17.50		20.50		15.50		15.50		18.50		12.50		12.50		15.50		17.50		17.50		20.50		17.50		17.50		20.50		17.50		17.50		20.50	
		6	2437	18.19	19.00	18.23	19.00	21.22	22.00		18.00		18.00		21.00		15.50		15.50		18.50		12.50		12.50		15.50		19.00		19.00		22.00		19.00		19.00		22.00		18.00		18.00		21.00	93.70
		9	2452	14.79	15.50	14.49	15.50	17.65	18.50		15.50		15.50		18.50		15.50		15.50		18.50		12.50		12.50		15.50		15.50		15.50		18.50		15.50		15.50		18.50		15.50		15.50		18.50	

Band	Mode	Channel	Frequency (MHz)	Default						Head Standalone						Head Non-DBS						Head DBS						Body&Extremity Standalone						Body&Extremity Non-DBS&DBS						Hotspot on Non-DBS						Hotspot on DBS						Duty Cycle %
				Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.35	18.00	17.52	18.00	20.45	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.35	18.00	17.52	18.00	20.45	21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		40	5200	17.17	18.00	17.11	18.00	20.15	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.17	18.00	17.11	18.00	20.15	21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	97.65
		44	5220	17.24	18.00	17.05	18.00	20.16	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.24	18.00	17.05	18.00	20.16	21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		48	5240	17.71	18.50	17.63	18.50	20.68	21.50	Not Required	15.50	Not Required	15.50	Not Required	18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.71	18.50	17.63	18.50	20.68	21.50		14.00		14.00		17.00	Not Required	16.50	Not Required	16.50	Not Required	19.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	802.11n-HT20 MCS0	36	5180	17.19	18.00	17.34	18.00	20.27	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		40	5200	16.87	18.00	17.06	18.00	19.97	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	97.76
		44	5220	17.17	18.00	17.03	18.00	20.11	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		48	5240	17.01	18.00	17.01	18.00	20.02	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
	802.11n-HT40 MCS0	38	5190	16.68	17.50	16.89	17.50	19.79	20.50	14.58	15.50	14.81	15.50	17.70	18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		17.50		17.50		20.50	Not Required	14.00	Not Required	14.00	Not Required	17.00	15.63	16.50	15.93	16.50	18.79	19.50	14.77	15.50	14.96	15.50	17.87	18.50	94.08
		46	5230	16.73	17.50	16.64	17.50	19.69	20.50	14.66	15.50	14.57	15.50	17.62	18.50		10.50		10.50		13.50		9.00		9.00		12.00		17.50		17.50		20.50		14.00		14.00		17.00	15.70	16.50	15.58	16.50	18.65	19.50	14.86	15.50	14.77	15.50	17.82	18.50	
	802.11ac-VHT20 MCS0	36	5180	17.28	18.00	17.44	18.00	20.37	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		40	5200	16.97	18.00	17.18	18.00	20.08	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	96.48
		44	5220	17.28	18.00	17.17	18.00	20.23	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		48	5240	17.14	18.00	17.14	18.00	20.15	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	38	5190	16.72	17.50	16.93	17.50	19.84	20.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		17.50		17.50		20.50		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	93.74
		46	5230	16.78	17.50	16.69	17.50	19.75	20.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	Not Required	17.50	Not Required	17.50	Not Required	20.50		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
	802.11ac-VHT80 MCS0	42	5210	13.92	14.50	13.66	14.50	16.80	17.50		14.50		14.50		17.50	9.79	10.50	9.57	10.50	12.69	13.50	8.38	9.00	8.21	9.00	11.31	12.00		14.50		14.50		17.50	13.30	14.00	13.00	14.00	16.16	17.00		14.50		14.50		17.50		14.50		14.50		17.50	88.14
	802.11ax-HE20 MCS0	36	5180	17.37	18.00	17.50	18.00	20.45	21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	Not Required	16.50	Not Required	16.50	Not Required	19.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	
		40	5200	17.04	18.00	17.25	18.00	20.16	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	95.87
		44	5220	17.37	18.00	17.22	18.00	20.31	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
		48	5240	17.20	18.00	17.19	18.00	20.21	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
	802.11ax-HE40 MCS0	38	5190	16.99	17.50	16.83	17.50	19.92	20.50		15.50		15.50		18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		17.50		17.50		20.50	Not Required	14.00	Not Required	14.00	Not Required	17.00		16.50		16.50		19.50		15.50		15.50		18.50	92.48
		46	5230	17.13	18.00	17.08	18.00	20.12	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00		16.50		16.50		19.50		15.50		15.50		18.50	
	802.11ax-HE80 MCS0	42	5210	14.01	14.50	13.80	14.50	16.91	17.50		14.50		14.50		17.50		10.50		10.50		13.50		9.00		9.00		12.00		14.50		14.50		17.50		14.00		14.00		17.00		14.50		14.50		17.50		14.50		14.50		17.50	86.78

Band	Mode	Channel	Frequency (MHz)	Default						Head Standalone						Head Non-DBS						Head DBS						Body&Extremity Standalone						Body&Extremity Non-DBS&DBS						Duty Cycle %
				Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	17.42	18.00	17.34	18.00	20.39	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		56	5280	17.23	18.00	17.32	18.00	20.29	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	97.65
		60	5300	17.08	18.00	17.45	18.00	20.28	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		64	5320	17.03	18.00	17.22	18.00	20.14	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
	802.11n-HT20 MCS0	52	5260	17.30	18.00	17.25	18.00	20.28	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		56	5280	17.28	18.00	17.25	18.00	20.27	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	97.76
		60	5300	16.72	18.00	17.27	18.00	20.01	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		64	5320	16.47	18.00	17.32	18.00	19.92	21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	
	802.11n-HT40 MCS0	54	5270	16.49	17.00	16.41	17.00	19.46	20.00		15.50		15.50		18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		17.00		17.00		20.00		14.00		14.00		17.00	94.08
		62	5310	15.53	17.00	16.50	17.00	19.05	20.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		17.00		17.00		20.00		14.00		14.00		17.00	
	802.11ac-VHT20 MCS0	52	5260	17.42	18.00	17.37	18.00	20.40	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		56	5280	17.38	18.00	17.35	18.00	20.37	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	Not Required	18.00	Not Required	18.00	Not Required	21.00		14.00		14.00		17.00	96.48
		60	5300	16.81	18.00	17.36	18.00	20.10	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		64	5320	16.58	18.00	17.43	18.00	20.03	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
	802.11ac-VHT40 MCS0	54	5270	16.54	17.00	16.45	17.00	19.51	20.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		17.00		17.00		20.00		14.00		14.00		17.00	93.74
		62	5310	15.84	17.00	16.56	17.00	19.23	20.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		17.00		17.00		20.00		14.00		14.00		17.00	
	802.11ac-VHT80 MCS0	58	5290	15.13	16.00	15.47	16.00	18.31	19.00	14.54	15.50	14.91	15.50	17.74	18.50		10.50		10.50		13.50		9.00		9.00		12.00		16.00		16.00		19.00	13.21	14.00	13.55	14.00	16.39	17.00	88.14
	802.11ac-VHT160 MCS0	50	5250	12.46	13.00	12.40	13.00	15.44	16.00		13.00		13.00		16.00	9.98	10.50	9.84	10.50	12.92	13.50	8.63	9.00	8.39	9.00	11.52	12.00		13.00		13.00		16.00		13.00		13.00		16.00	94.38
	802.11ax-HE20 MCS0	52	5260	17.50	18.00	17.45	18.00	20.49	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		56	5280	17.44	18.00	17.41	18.00	20.44	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	95.87
		60	5300	16.86	18.00	17.41	18.00	20.16	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		14.00		14.00		17.00	
		64	5320	16.65	18.00	17.50	18.00	20.11	21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	
	802.11ax-HE40 MCS0	54	5270	17.26	18.00	17.17	18.00	20.23	21.00		15.50		15.50		18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00	17.26	18.00	17.17	18.00	20.23	21.00		14.00		14.00		17.00	92.48
		62	5310	16.61	18.00	17.33	18.00	20.00	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	16.61	18.00	17.33	18.00	20.00	21.00		14.00		14.00		17.00	
	802.11ax-HE80 MCS0	58	5290	15.75	16.50	16.07	16.50	18.92	19.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	Not Required	16.50	Not Required	16.50	Not Required	19.50		14.00		14.00		17.00	86.78
	802.11ax-HE160 MCS0	50	5250	12.53	13.50	12.47	13.50	15.51	16.50		13.50		13.50		16.50		10.50		10.50		13.50		9.00		9.00		12.00		13.50		13.50		16.50		13.50		13.50		16.50	93.39

Band	Mode	Channel	Frequency (MHz)	Default						Head Standalone						Head Non-DBS						Head Non-DBS						Body&Extremity Standalone						Body&Extremity Non-DBS&DBS						Duty Cycle %
				Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.85	18.50	17.91	18.50	20.43	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		116	5580	17.11	18.50	17.93	18.50	20.55	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		124	5620	17.01	18.50	17.67	18.50	20.37	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	97.65
		132	5660	17.12	18.00	17.29	18.00	20.22	21.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		13.50		13.50		16.50	
		140	5700	17.51	18.50	17.48	18.50	20.51	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		144	5720	18.21	19.00	18.05	19.00	21.14	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
	802.11n-HT20 MCS0	100	5500	16.99	18.00	18.24	18.50	20.67	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		116	5580	17.68	19.50	18.53	19.50	21.13	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		124	5620	18.02	19.50	18.72	19.50	21.39	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	97.76
		132	5660	18.10	19.00	18.28	19.00	21.20	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		140	5700	18.35	18.50	17.80	18.50	21.09	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		144	5720	18.15	18.50	17.90	18.50	21.04	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
	802.11n-HT40 MCS0	102	5510	16.98	18.50	18.28	18.50	20.68	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		110	5550	17.12	19.00	18.11	19.00	20.65	22.00	Not Required	15.00	Not Required	15.00	Not Required	18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		126	5630	17.23	19.00	18.11	19.00	20.70	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	94.08
		134	5670	17.24	19.00	18.35	19.00	20.84	22.00		15.00		15.00		18.00	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		18.50		18.50		21.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	
		142	5710	17.42	18.00	17.34	18.00	20.39	21.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	100	5500	17.18	19.00	18.34	19.00	20.80	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		116	5580	17.77	19.50	18.65	19.50	21.24	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		124	5620	18.15	19.50	18.80	19.50	21.49	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	96.48
		132	5660	18.19	19.00	18.38	19.00	21.29	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		140	5700	18.47	19.00	17.94	19.00	21.22	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00	Not Required	18.50	Not Required	18.50	Not Required	21.50		13.50		13.50		16.50	
		144	5720	18.26	19.00	18.01	19.00	21.14	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	17.01	19.00	18.31	19.00	20.72	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		110	5550	17.17	19.00	18.16	19.00	20.70	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		126	5630	17.27	19.00	18.15	19.00	20.74	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	93.74
		134	5670	17.30	19.00	18.41	19.00	20.90	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		142	5710	17.46	18.00	17.38	18.00	20.43	21.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	106	5530	12.66	14.00	13.46	14.00	16.09	17.00	12.66	14.00	13.46	14.00	16.09	17.00		10.50		10.50		13.50		9.00		9.00		12.00		14.00		14.00		17.00		13.50		13.50		16.50	
		122	5610	16.33	17.50	17.11	17.50	19.75	20.50	13.87	15.00	14.52	15.00	17.17	18.00		10.50		10.50		13.50		9.00		9.00		12.00		17.50		17.50		20.50		13.50		13.50		16.50	88.14
		138	5690	16.41	17.50	16.55	17.50	19.49	20.50	13.83	15.00	13.96	15.00	16.90	18.00		10.50		10.50		13.50		9.00		9.00		12.00		17.50		17.50		20.50		13.50		13.50		16.50	
	802.11ac-VHT160 MCS0	114	5570	12.04	13.50	12.71	13.50	15.40	16.50		13.50		13.50		16.50	9.14	10.50	9.86	10.50	12.53	13.50	7.66	9.00	8.35	9.00	11.03	12.00		13.50		13.50		16.50	12.04	13.50	12.71	13.50	15.40	16.50	94.38
	802.11ax-HE20 MCS0	100	5500	17.24	19.00	18.43	19.00	20.89	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		116	5580	17.86	19.50	18.70	19.50	21.31	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		124	5620	18.20	19.50	18.84	19.50	21.55	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	95.87
		132	5660	18.31	19.00	18.43	19.00	21.38	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		140	5700	18.53	19.50	18.02	19.50	21.30	22.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		144	5720	18.32	19.00	18.07	19.00	21.21	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	102	5510	17.12	18.50	18.35	19.00	20.79	22.00	Not Required	15.00	Not Required	15.00	Not Required	18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		110	5550	17.77	19.50	18.56	19.50	21.19	22.50		15.00		15.00		18.00	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		18.50		18.50		21.50	Not Required	13.50	Not Required	13.50	Not Required	16.50	
		126	5630	17.98	19.00	18.37	19.00	21.19	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	92.48
		134	5670	18.02	19.00	18.15	19.00	21.10	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
		142	5710	18.19	19.00	17.91	19.00	21.06	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		13.50		13.50		16.50	
	802.11ax-HE80 MCS0	106	5530	12.87	14.50	13.59	14.50	16.25	17.50		14.50		14.50		17.50		10.50		10.50		13.50		9.00		9.00		12.00	12.87	14.50	13.59	14.50	16.25	17.50		13.50		13.50		16.50	
		122	5610	17.75	19.00	18.44	19.00	21.11	22.00		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00	17.66	18.50	17.85	18.50	20.64	21.50		13.50		13.50		16.50	86.78
		138	5690	17.95	18.50	17.83	18.50	20.90	21.50		15.00		15.00		18.00		10.50		10.50		13.50		9.00		9.00		12.00	17.35	18.00	17.24	18.00	20.30	21.00		13.50		13.50		16.50	
	802.11ax-HE160 MCS0	114	5570	12.12	13.50	12.78	13.50	15.47	16.50		13.50		13.50		16.50		10.50		10.50		13.50		9.00		9.00		12.00	12.12	13.50	12.78	13.50	15.47	16.50		13.50		13.50		16.50	93.39

Band	Mode	Channel	Frequency (MHz)	Default						Head Standalone						Head Non-DBS						Head DBS						Body&Extremity Standalone						Body&Extremity Non-DBS&DBS						Hotspot on Non-DBS						Hotspot on DBS						Duty Cycle %
				Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		Ant 6		Ant 17		Ant 6+17		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.84	20.00	19.49	20.00	22.19	23.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.94	19.00	18.49	19.00	21.22	22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
		157	5785	18.45	20.00	19.01	20.00	21.75	23.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.85	19.00	18.01	19.00	20.95	22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	97.65
		165	5825	18.72	20.00	18.66	20.00	21.70	23.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	17.72	19.00	17.66	19.00	20.70	22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11n-HT20 MCS0	149	5745	17.62	19.00	18.22	19.00	20.94	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
		157	5785	17.52	19.00	18.02	19.00	20.79	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	97.76
		165	5825	17.74	18.50	17.62	18.50	20.69	21.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11n-HT40 MCS0	151	5755	16.99	18.00	17.38	18.00	20.19	21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		18.00		18.00		21.00	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	94.08
		159	5795	16.78	18.00	17.27	18.00	20.04	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11ac-VHT20 MCS0	149	5745	17.77	19.00	18.33	19.00	21.06	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
		157	5785	17.61	19.00	18.16	19.00	20.90	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	96.48
		165	5825	17.87	18.50	17.70	18.50	20.79	21.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11ac-VHT40 MCS0	151	5755	17.04	18.00	17.45	18.00	20.26	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.00		18.00		21.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	93.74
		159	5795	16.83	18.00	17.35	18.00	20.11	21.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00	Not Required	18.00	Not Required	18.00	Not Required	21.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11ac-VHT80 MCS0	155	5775	15.77	17.00	16.40	17.00	19.11	20.00	14.60	15.50	14.81	15.50	17.62	18.50	9.25	10.50	9.83	10.50	12.56	13.50	7.70	9.00	8.33	9.00	11.04	12.00		17.00		17.00		20.00	14.20	15.50	14.81	15.50	17.62	18.50	13.81	15.00	14.33	15.00	17.09	18.00	12.25	13.50	12.77	13.50	15.53	16.50	88.14
	802.11ax-HE20 MCS0	149	5745	17.84	19.00	18.39	19.00	21.14	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
		157	5785	17.64	19.00	18.22	19.00	20.95	22.00		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		19.00		19.00		22.00		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	95.87
		165	5825	17.93	18.50	17.79	18.50	20.87	21.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	
	802.11ax-HE40 MCS0	151	5755	17.47	18.50	18.06	18.50	20.79	21.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	10.50	Not Required	10.50	Not Required	13.50	Not Required	9.00	Not Required	9.00	Not Required	12.00		18.50		18.50		21.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	13.50	Not Required	13.50	Not Required	16.50	
		159	5795	17.25	18.50	18.03	18.50	20.67	21.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	92.48
	802.11ax-HE80 MCS0	155	5775	17.24	18.50	17.94	18.50	20.61	21.50		15.50		15.50		18.50		10.50		10.50		13.50		9.00		9.00		12.00		18.50		18.50		21.50		15.50		15.50		18.50		15.00		15.00		18.00		13.50		13.50		16.50	86.78

				Full		Head Standalone		Head Non-DBS		Body&Extremity Standalone		Hotspot on Non-DBS&DBS		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.05	**20.00**	16.85	**17.50**	12.57	**13.50**	19.05	**20.00**	18.03	**19.00**	99.48
		6	2437	19.36	**21.00**	17.00	**18.50**	13.25	**14.50**	19.36	**21.00**	18.35	**20.00**	
		11	2462	19.13	**20.00**	16.78	**17.50**	12.60	**13.50**	19.13	**20.00**	18.10	**19.00**	
	802.11g 6Mbps	1	2412	18.55	**19.50**	Not Required	**18.00**	Not Required	**14.50**	Not Required	**19.50**	Not Required	**19.50**	97.47
		6	2437	19.19	**20.50**		**18.00**		**14.50**		**20.50**		**20.00**	
		11	2462	17.82	**19.00**		**18.00**		**14.50**		**19.00**		**19.00**	
	802.11n-HT20 MCS0	1	2412	17.12	**18.50**		**18.00**		**14.50**		**18.50**		**18.50**	96.76
		6	2437	18.70	**20.00**		**18.00**		**14.50**		**20.00**		**20.00**	
		11	2462	16.95	**18.50**		**18.00**		**14.50**		**18.50**		**18.50**	
	802.11n-HT40 MCS0	3	2422	16.46	**17.50**		**17.50**		**14.50**		**17.50**		**17.50**	93.73
		6	2437	17.91	**19.00**		**18.00**		**14.50**		**19.00**		**19.00**	
		9	2452	14.40	**15.50**		**15.50**		**14.50**		**15.50**		**15.50**	
	802.11ax-HE20 MCS0	1	2412	17.19	**18.50**		**18.00**		**14.50**		**18.50**		**18.50**	95.90
		6	2437	18.90	**20.00**		**18.00**		**14.50**		**20.00**		**20.00**	
		11	2462	17.05	**18.00**		**18.00**		**14.50**		**18.00**		**18.00**	
	802.11ax-HE40 MCS0	3	2422	16.56	**17.50**		**17.50**		**14.50**		**17.50**		**17.50**	93.70
		6	2437	18.23	**19.00**		**18.00**		**14.50**		**19.00**		**19.00**	
		9	2452	14.49	**15.50**		**15.50**		**14.50**		**15.50**		**15.50**	

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Mode	Channel	Frequency (MHz)	Ant 16					
			Full			Non-DBS&DBS(Level 8)		
			Average power (dBm)			Average power (dBm)		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.56	11.47	11.47	11.26	8.49	8.60
	CH 39	2441	15.18	12.17	12.08	11.82	8.74	8.90
	CH 78	2480	14.77	11.70	11.68	11.05	8.26	8.41
Tune-up Limit			**16.00**	**13.00**	**13.00**	**12.50**	**9.50**	**9.50**

Mode	Channel	Frequency (MHz)	Ant 16			
			Full		Non-DBS&DBS(Level 8)	
			Average power (dBm)		Average power (dBm)	
			1Mbps	2Mbps	1Mbps	2Mbps
LE	CH 00	2402	14.57	14.30	11.24	11.32
	CH 19	2440	15.17	14.89	11.59	11.81
	CH 39	2480	14.40	14.53	11.06	11.15
Tune-up Limit			**16.00**	**16.00**	**12.50**	**12.50**